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INDIA WEATHER REVIEW, 1953.

INTRODUCTION

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Under the Direction of

P. R. Krishna Rao, B. Sc., F. A. Sc.

Director General of Observatories, New Delhi

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INDIA WEATHER REVIEW, 1953

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INDIA WEATHER REVIEW, 1953

INTRODUCTION

The India Weather Review is composed of the Monthly Weather Reports and the Annual Summary in three parts A, B and C.

MONTHLY WEATHER REPORT

Upto 1932, the Monthly Weather Report contained only the means of 8 hours 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 scrutinized data from the Monthly Meteorological Registers. 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 being 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 included tables I to V till 1947. 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, it contains upto 1951 (end) 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.

Table I remain unchanged while 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.

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

Between 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 weather disturbances and local storms and charts of tracks of cyclonic storms and depressions.

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 (Hb) above M.S.L. and of the anemometer above the ground (ha) 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 a number of observations 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 reporting them by monthly registers only.

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Class III (Synoptic 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 reporting the same by monthly 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 reporting the same by monthly 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 as follows :—

(i) 0230 hrs. I.S.T. observation was introduced from 1-1-1953 at some of the full time observer stations.

(ii) 0530 hrs. I.S.T. observation was introduced from 1st March 1949 at full time observer stations.

(iii) 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 from the 1st March 1949.

(iv) 1130 hrs. I.S.T. observation was introduced from March 1949 at some of the observatories.

(v) 2330 hrs. I.S.T. observation was introduced from March 1949 at all full-time observer stations and at restricted part-time stations.

(vi) 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°32'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 4½ to 4⅝ ft. above ground. A standard height of 1 foot 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, hei its ght is not separately given.

Alphabetical List of Stations

Station	Class	φ		λ		Hb	Ha
		0	'N	0	'E	ft.	ft.
Abu	II	24	36	72	43	3,921	63
Agra	II	27	10	78	02	553	39
Ahmedabad	I	23	04	72	38	182	21
Agartala	I	23	53	91	15	52	..
Ahmednagar	II	19	05	74	55	2,154	37
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	42
Ambala (P.B.O.)	II	30	23	76	46	906	35
Ambikapur	II	23	10	83	15	2,005	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	33
Arrah	V	25	34	84	40	..	..
Asansol	II	23	41	86	59	414	33
Asansol (Hydromet)	V	24	10	87	15	..	..
Aurangabad	II	19	53	75	20	1,905	35
Aurangabad (Chikalthana Aerodrome)	I	19	51	75	24	1,898	21
Azamgarh	II	26	03	83	13	255	31
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 (Central Observatory)	I	12	58	77	55	3,021	54
Bangalore (Airport)	I	12	57	77	40	2,942	50
Bankura	V	23	14	87	04	..	..

Station	Class	φ		λ		Hb	ha
		0	'N	0	'E	ft.	ft.
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
Barhi	II	24	13	35	25	..	7
Barkachhar	III	20	35	81	20	..	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
Barrackpore	II	22	46	88	22	23	..
Batticola	II	07	43	81	42	20	35
Belgaum	II	15	51	74	31	2,562	42
Belgaum (Sambre Aerodrome)	II	15	51	74	37	2,497	30
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
Bhadrachallam	II	32	30	80	37	364	36
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
Bishungarh	V	24	02	85	46	..	..
Bokaro	I	23	47	85	53	784	16
Bombay (Colaba)	I	18	54	72	49	35	52
Bombay (Santacruz Aerodrome)	I	19	05	72	35	27	20
Broach	II	21	42	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
Car Nicobar	II	09	10	92	50	33	..
Chaibasa	II	22	33	85	49	742	28
Chainpur	IV	27	17	87	20	..	..
Champa	II	22	02	82	40	805	52
Chanda	II	19	58	79	18	634	17
Chandbali	II	20	47	86	44	20	32
Chandwa	V	23	40	84	45	..	..
Chapra	V	25	47	84	44	..	..
Chautara	IV	27	47	85	43	..	..
Cherrapunji	II	25	15	91	44	4,309	30
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	10
Cochin (Fort)	II	09	58	76	14	10	32
Coimbatore	II	11	00	76	58	1,341	44
Coimbatore (Peelamedu Aerodrome)	II	11	02	76	58	1,307	32
Colombo	I	06	54	79	52	24	19
Contai	II	21	47	87	45	35	25
Cooch Behar	II	26	20	89	27	145	12
Coonoor	III	11	21	76	48	5,730	17
Cuddalore	II	11	46	79	46	39	59
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	32	75	58	6,426	6
Daltonganj	II	24	03	84	04	725	29
Darbhanga	II	26	10	85	54	161	28
Darjiling (Rajbhawan)	II	27	03	88	16	6,980	23
Deesa	II	24	12	72	12	444	..
Dehra Dun	II	30	19	78	02	2,239	36
Dehri	II	24	55	84	12	352	26
Deolali	III	19	53	73	49	1,875	10
Devgad	II	16	23	73	21	117	25
Dhanbad	III	23	46	86	26	839	48
Dhanwar	V	..		..		..	..
Dharampore	V	30	54	77	01	..	..
Dharamshala	II	32	16	76	23	3,075	24
Dharoi	IV	23	58	72	48	.	..
Dhubri	II	28	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
Dras	V	34	26	75	46	..	..
Dum Dum	I	22	39	88	27	33	56

Station	Class	φ		λ		Hb	ha
		0	'N	0	'E	ft.	ft.
Dumka	II	24	16	87	15	489	26
Dumri	V	23	58	86	00	..	..
Dwarka	II	22	22	69	05	37	19
Fatehpur	II	25	56	80	50	375	33
Forbesganj	II	26	18	87	16	199	25
Ferozepore	II	30	55	74	40	657	25
Gadag	II	15	25	75	38	2,131	32
Gadag (P.B.O.)	II	15	25	75	38	2,167	..
Gannavaram	II	16	32	80	48	75	30
Gauhati	II	26	11	91	45	182	28
Gauhati (Kaikuchi Aerodrome)	II	26	05	91	43	162	8
Gaya	I	24	45	84	57	373	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	25	254	31
Gorakhpur (P.B.O.)	II	26	45	83	25	257	19
Gulbarga	II	17	21	76	51	1,503	37
Gulmarg	II	34	03	74	24	8,709	20
Guna	II	24	39	77	19	1,571	23
Gurez	V	34	38	74	51	..	..
Gwalior (P.B.O.)	II	26	13	78	15	681	22
Gyantse	III	28	56	89	36	13,110	27
Hakimpet (I.A.F.)	II	17	33	78	31	2,012	39
Hambantota	II	06	07	81	08	50	11
Hanamkonda	II	18	01	79	34	881	38
Hardoi	I	27	23	80	10	476	37
Harnai	II	17	40	73	06	5	5
Hassan	II	13	00	76	09	3,149	41
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
Imphal (P.B.O.)	IIa	24	51	93	58	2,628	25
Indore	II	22	43	75	48	1,861	9

Station	Class	φ		λ		Hb	ha
		0	'E	0	'E	0	'E
Jabalpur	II	23	10	79	57	1,289	35
Jagdalpur (P.B.O.)	II	19	05	82	02	1,813	43
Jaipur	I	26	55	75	50	1,431	61
Jaipur (Sanganer Aerodrome)	II	26	55	75	50	1,282	46
Jaisalmer	II	26	54	70	55	793	34
Jalgaon	II	21	03	75	34	660	26
Jalpaiguri	II	26	32	88	43	271	32
Jammu	IV	32	44	74	55	1,200	..
Jamnagar	II	22	27	70	30	74	38
Jamshedpur	II	22	49	86	11	423	50
Jamshedpur (P.B.O.)	I	22	49	86	11	477	11
Jamui	II	24	55	86	19	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	37
Jharsuguda	II	21	55	84	05	754*	33
Jodhpur	I	26	18	73	01	736	29
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	42
Kanpur	II	26	26	80	22	414	44
Kargil	VI	34	34	76	08	..	..
Karnal	II	29	42	77	02	818	34
Karwar	II	14	47	74	08	13	..
Katmandu	II	27	42	85	12	4,388	24
Khammameth	II	17	75	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
Kohima	II	25	38	94	10	4,614	32
Koksar	V	32	25	77	14	..	..
Kolhapur	II	16	42	74	14	1,870	35
Kondul	II	07	13	93	44	26	11
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

*726 upto May.

Station	Class	φ	λ	Hb	ha
		0 'N	0 'E	ft.	ft.
Krishnagar	II	23 24	88 31	48	45
Kurnool	II	15 50	78 04	923	49
Kyelong	V	32 35	77 04	..	..
Lachem	III	27 43	88 32	..	..
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	..	..
Long Island	II	12 25	92 56	110	11
Lucknow	II	26 52	80 56	371	31
Lucknow (Amausi Aerodrome)	II	26 45	80 50	419	35
Ludhiana	II	30 56	75 52	810	30
Lumding	II	25 45	93 11	488	28
Madras(Meenambakkam)	I	13 04	80 15	51	48
Madras(Nungambakkam)	III	13 04	80 15	21	28
Mahabubnagar	II	16 45	78 00	1,657	38
Mahabaleshwar	II	17 56	73 40	4,534	27
Mahuva	II	21 05	71 47	51	30
Mainpuri	II	27 14	79 03	516	28
Malda	II	25 02	88 08	103	51
Malegaon	II	20 33	74 32	1,435	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	..	..
Maya Bandar	II	12 55	92 55	76	10
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
Mukteswar (Kumaon)	II	29 28	79 39	7,582	14
Mussooree	II	30 27	78 05	6,699	27
Muzaffarpur	V	26 07	85 24	..	..
Mysore	II	12 18	76 42	2,518	73
Nagapattinam	II	10 46	79 51	31	39
Nagpur	II	21 06	79 03	1,021	9
Nainital	II	29 04	79 28	6,409	30
Nandi Hills	IV	13 22	77 41	..	..
Nandurbar	III	21 20	74 15	..	..
Neemuch	II	24 28	74 54	1,626	42
Najibabad	II	29 37	78 23	885	32
Nellore	II	14 27	79 59	65	45
New Delhi	I	28 35	77 12	710	53
Nizamabad	II	18 40	78 06	1,250	46
Nowgong	II	25 04	79 27	750	29
Noncowry	II	08 05	93 32	84	9
Okhaldhunga	II	27 19	86 31	..	6
Ongole	II	15 34	80 03	38	30
Ootacamund	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 43	70 45	167	48
Palganj	V	24 00	86 10	..	..
Palghat	II	10 46	76 39	319	23
Pamban	II	09 16	79 18	37	25
Parbhani	II	19 08	76 50	1,393	33
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
Porbandar	II	21 38	69 36	23	48
Port Blair	I	11 40	92 43	259	27
Punasa	III	22 11	76 23	..	41
Puri	II	19 48	85 49	20	29
Pupunki (Chas Road)	V	23 25	86 10	..	..
Purnea	II	25 46	87 28	124	25
Purulia	II	23 20	86 25	835	32
Raichur	II	16 12	77 21	1,311	41
Raigarh	II	21 53	83 23	723	35
Raipur	II	21 14	81 39	979	38
Rajkot	II	22 18	70 50	432	30
Rajkot (Aerodrome)	II	22 18	70 47	439	30
Ramagundam	II	18 46	79 26	513	17
Ramgarh	II	23 36	85 31	..	13

Station	Class	φ		λ		Hb	ha
		0	'N	0	'E	ft.	ft.
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	47	1,808	7
Salem	II	11	39	78	10	913	53
Sambalpur	II	21	28	83	58	486	31
Sandheads	II	20	57	88	15	32	..
Saugor Island	II	21	39	88	03	10	52
Sconi	II	22	05	79	33	2,027	51
Seychelles	II	04	37	55	27	8	29
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	30
Sibsagar	II	26	59	94	38	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	7,224	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
Srinagar	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
Table Island	II	14	10	93	23	108	8
Taplethok	IV	27	29	87	47	..	..
Taplejung	III	27	21	87	40	..	21
Tezpur	II	26	37	92	47	258	30
Tezpur (P.B.O.)	II	26	37	92	47	257	6
Tiruchirapalli	II	10	49	78	43	289	34
Titilagarh	II	20	18	83	18	691	22
Thangu	V	27	53	88	31	..	..
Thikri	III	22	04	73	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	30
Wallangchung Gola	IV	27	41	87	47	..	..
Yatung (Chumbi)	IV	27	29	88	55	9,800	..
Yeotmal	II	20	24	78	09	1,481	33

During the year 1952, nine stations were equipped with U.S.A. Open Pan Evaporimeters. These stations are : Calcutta, New Delhi, Bikaner, Jodhpur, Nagpur, Ahmedabad, Madras (Meenambakkam), Kodaikanal and Poona.

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

Chief Political Divisions	Sub-divisions
	Bay Islands (7)
Assam (including Manipur and Tripura).	Assam (including Manipur and Tripura) (18).
West Bengal	West Bengal (19)
Orissa	Orissa (12)
Bihar	Chota-Nagpur (8) Bihar (15)
Uttar Pradesh	Uttar Pradesh, East (16) Uttar Pradesh, West (17)
Punjab (I) (including PEPSU and Delhi).	Punjab (I) (including PEPSU and Delhi) (18). Jammu and Kashmir (11)
Rajasthan	Rajasthan, West (8) Rajasthan, East (including Ajmer) (7).
Madhya Bharat and Vindhya Pradesh	Madhya Bharat (7) Vindhya Pradesh (3)
Madhya Pradesh	Madhya Pradesh, East (11) Madhya Pradesh, West (14)
Bombay (including Saurashtra and Kutch).	Gujarat (7) Saurashtra and Kutch (11) Konkan (11) Deccan (Desh) (16)
Hyderabad	Hyderabad, North (6) Hyderabad, South (8) Coastal Andhradesa (8)
Madras (including Travancore-Cochin)	Rayalaseema (5) Tamilnad (16) Malabar and South Kanara (4) Mysore (8) Travancore-Cochin (4)

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 de-

partmental specifications, have gradually been introduced at all the plain stations. Hill type Kew Pattern Barometers were introduced at two more hill stations during 1953 besides the five stations which were equipped with hill type barometers during 1952. Fortin Barometers continue to be used at other hill stations. The index correction 0.2 mb. has been applied to the pressure element of Amini Divi for the whole year.

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 also larger 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 it protects the top from 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-standardized 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. I.S.T. 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 in 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 the 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 issued 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 consists 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. (Air density corrections to the wind velocities have not been applied).

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 O. 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 Sub-division 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

deparmental observatories and at the state raingauge stations has been changed to 0830 hrs. I.S.T. from March 1949 and January 1950 respectively. The amount measured at this hour gives the rainfall during 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 the respective States. The data of Rajasthan and Madhya Bharat, Bhopal and Vindhya Pradesh 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 is recorded.

Autographic instruments.—In addition to the eye-reading instruments, autographic instruments are maintained at all class I 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	U	T	R	
24. Gaya	W	B	U	T	R	
25. Gopalpur	W	B				
26. Hyderabad (Begumpet)	W	B	U	T	R	
27. Jabalpur					R	
28. Jagdalpur		B	U	T	R	
29. Jaipur	W	B	U	T	R	S
30. Jamshedpur	W	B		T	R	
31. Jharsuguda		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	U	T	R	S
54. Tezpur				T		
55. Tiruchirapalli		B	U	T	R	
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	

Tables—Tables I, II and III in the Annual Summary, Part A, contain the annual means of 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 nocturnal radiation temperature of 18 stations.

Table V gives the mean hourly and extreme pressure at 40 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 61 stations.

Tables VI-J and VI-K give the frequency of rainfall in one hour and in five minutes respectively (intensity greater than ½" per hour) at 61 stations.

Table VII gives the mean hourly and extreme wind velocities at 22 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 22 stations.

Table VII-B gives a statement of squalls which occurred at 22 first class observatories.

Table VIII gives the mean hourly and extreme dry bulb temperatures at 37 stations.

Table VIII-A gives the frequency of number of hours when dry bulb temperature was within specified limits at 37 stations.

Table VIII-B and Table VIII-C give the frequency of days when maximum and minimum temperatures were within specified limits at 38 stations.

Table IX gives the mean hourly and extreme wet bulb temperatures at 24 stations, while Table IX-A gives the frequency of the number of days when maximum wet bulb temperature was within specified limits at 25 stations.

Tables X gives the mean hourly relative humidity at 36 stations and X-A gives extreme relative humidity and the corresponding dry bulb temperature at 36 stations.

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.

ERRATA

Table of Correction to be applied to Table III of Monthly Weather Reports for 1953

(N. B.—Subsequent tables for the individual months should be referred to)

Station	Hour	Column	Correction	Period
1	2	3	4	5
Long Island	All hours	3, 4	+30, +1·0	January to May
Kondul .	0830	3	—4	January to December
Kondul .	0830,1730	4	—0·1	January to December
Nancowry .	0830	3	+14	January to December
Sandheads .	All hours	15	Delete the figures	January to December
Imphal .	0830	3	+45	January to March
Imphal .	All hours	4	+1·5	January to March
Ranchi .	0830	4,5,6	+0·4	January to May
Ranchi .	1730	4, 5	+0·4	January to May
Bhagalpur .	0530	3	—21	January to April
Bhagalpur .	All hours	4	—1·0	January to April
Ambala (P.B.O.)	0230	3	+7	January to December
Ambala (P.B.O.)	All hours	4	+0·2	January to December
Amritsar .	0530	3	—5	January to May
Amritsar .	All hours	4	—0·2.	January to May
Bhuj .	0830	4, 5, 6	—0·2	January to December
Bhuj .	1730	4, 5	—0·2	January to December
Ratnagiri .	0830	4, 5, 6	+0·2	January to December
Ratnagiri .	1730	4, 5	+0·2	January to December
Kolhapur .	All hours	4, 5	+0·2	January to September
Parbhani .	All hours	4, 5	+0·1	January to June
Gannavaram	0530	3	—13	January to December
Gannavaram	All hours	4	—0·4	January to December
Mukteswar (Kumaon)	0830	3, 4, 6	—10, 0·3, —0·3	January to December
Mukteswar (Kumaon)	1730	4	—0·3	January to December
Batticoloa	0830	3	—11	January to December
Broach .	All hours	4, 5	+0·3	August to November

Errata to Monthly Weather Reports 1953

Reference	Hour	Column	Replace the existing figures if any by
1	2	3	4
January			
Page 6			
Port Blair . .	..	20	7.
Kondul . .	..	10	8·33
Mawsynram .	..	20	3
Midnapore .	..	24	1
Bankura . .	..	20	3
Page 7			
Muzaffarpur .	..	20	2
Chapra . .	..	20	1
Sabour . .	..	12	+0·64

Reference	Hour	Column	Replace the existing figures if any by
1	2	3	4
January—(contd.)			
Page 17 (contd.)			
Ferozepur . .	..	6	41·1
Page 8			
Dras . . .	..	1	(R)
Kargil . .	..	1	(R)
Raigarh . .	..	15	2
Raipur . .	..	6, 7	57·4, +1·6
Page 9			
Nagpur . .	..	6, 7	55·5, —0·5
Baroda (Aerodrome)	..	23	1
Page 11			
Darjilling (Raj Bhawan)	..	21	2
Lachen . .	..	20	2
Page 13			
Maya Bandar .	All hours	3	76
Maya Bandar .	0830	4	1014·0
Maya Bandar	1730	4	1011·3
Dibrugarh . .	All hours	3	343
Page 14			
Chandbali . .	1730	27	4
Page 16			
Debri . .	1730	10	12·3
Sabour . .	0830	10	14·0
Page 17			
Banda . .	0830	13	1·8
Banda . .	1730	13	1·7
Page 18			
Amritsar . .	0530	27	7
Dras . . .	0830	13 to 27	All dashes
Jammu . .	0830	3	..
Phalodi . .	All hours	3	767
Phalodi . .	0830	4 ..	1018·6
Phalodi . .	1730	4 ..	1015·6
Page 19		..	.
Sikar . .	0830	3	1419
Ratlam . .	0930	10	9·8
Page 20			
Raipur . .	0830	10	12·5
Raipur .	1730	19, 20	8·5
Sironcha . .	1730	10	15·8

Reference	Hour	Column	Replace the existing figures if any by
1	2	3	4
January—(contd.)			
Page 20 (contd)			
Jagdalpur .	..	1	Jagdalpur (P.B.O.)
Buldhana . .	1730	27	5
Khandwa . .	0830	27	15
Page 21			
Seoni . .	0830	4, 5, 6	..
Seoni . .	1730	4·5	..
Chhindwara .	1730	10	8·9
Surat . .	0530	4, 5	1013·9, 1012·5
Surat . .	0830	4, 5, 6	1016·3, 1014·8, +0·6
Surat . .	1130	4, 5	1016·2, 1014·8
Surat . .	1730	4, 5	1012·7, 1011·3
Surat . .	2330	4, 5	1014·5, 1013·1
Baroda (Aerodrome)	0830	18	19
Bhuj (P.B.O.) .	0230	18	10
Dwarka . .	0830	4, 5, 6	1017·3, 1016·0, +0·6
Dwarka . .	1730	4, 5	1014·8, 1013·5
Page 22			
Veraval . .	0230	4, 5	1014·6, 1013·7
Veraval . .	0530	4, 5	1014·5, 1013·6
Veraval . .	0830	4, 5, 6	1016·3, 1015·4, +0·3
Veraval . .	1130	4, 5	1016·7, 1015·8
Veraval . .	1730	4, 5	1013·4, 1012·5
Veraval . .	2330	4, 5	1015·3, 1014·4
Poona . .	0830	27	28
Page 23			
Poona (Lohagaon Aerodrome)	1130	18	24
Pages 24, 25			
Nellore . .	2330	1	Nellore*
Page 26			
Kalimpong. .	0830	3	3965
Page 27			
Kalimpong .	1730	3	3965
February			
Page 34			
Maya Bandar .	..	23	4
Kondul . .	..	10	4·60
Nancowry . .	..	11	4·16
Gauhati . .	..	10	0·01
Gauhati (Kaikuchi Aerodrome) .	..	10	0·05

* Observations for 30 days.

Reference	Hour	Column	Replace the existing figures, if any, by
1	2	3	4
February—(contd.)			
Page 34—(contd.)			
Bankura . .	..	20	1
Angul . .	..	24	1
Page 35			
Chapra . .	..	20	0
Page 39			
Kohima . .	..	17	8·9
Kalimpong .	..	24	1
Page 51			
Gulbarga . .	0830	15	3·9
Page 54			
Trivandrum .	0830	12	+1
March			
Page 62			
Maya Bandar .	..	23	1
Mawsynram .	..	20	17
Gauhati . .	..	10	0·54
Gauhati (Kaikuchi Aerodrome)	..	10	1·09
Lumding . .	..	16	+2·7
Bankura . .	..	20	0
Burdwan . .	..	19	+1·7
Bhubaneswar .	..	24	3
Gopalpur .	..	24	4
Page 63			
Chapra . .	..	20	0
Page 65			
Honavar . .	..	16	—0·1
Pages 66, 67			
Gannavaram .	..	17	9·7
Anantpur . .	..	18	6·5
Chitaldrug .	..	2, 3	96·1, +1·2
Darjiling .	..	24, 25	0, 0
Kalimpong .	..	24	7
Thangu . .	..	20	12
Chungthang .	..	20	17
Lachen . .	..	20	17
Page 79			
Poona (Lohagaon Aerodrome) .	0830	17, 18	2, 15
Page 82			
Shillong . .	0830	23, 24	4, 15
Darjiling . .	0830	12	+13

Reference	Hour	Column	Replace the existing figures, if any, by
1	2	3	4
April			
Page 90			
Mawsynram .	..	20	17
Saugor Island .	..	23	5
Bankura . .	..	20	1
Krishnagar .	..	10	0·06
Page 91			
Muzaffarpur .	..	20	1
Chapra . .	..	20	1
Arrah . .	..	20	1
Page 93			
Baroda (Aerodrome) .	..	13, 14	0, 14
Page 95			
Thangu . .	..	20	19
Chungthang .	..	20	12
Lachen . .	..	20	18
Page 106			
Devgad . .	1730	17, 18	23, 7
May			
Page 119			
Maya Bandar .	..	11	9·05
Long Island .	..	4, 10	93; 6·04
Port Blair .	..	20	25
Car Nicobar .	..	10, 11	3·71, 8·00
Nancowry .	..	10	9·98
Mawsynram .	..	20	21
Tezpur . .	..	10	1·15
Tezpur (P.B.O.)	..	15	16
Bankura . .	..	20	4
Krishnagar .	..	10	2·17
Page 120			
Muzaffarpur .	..	20	2
Chapra . .	..	20	2
Arrah . .	..	20	0
Page 122			
Bhavnagar (Aerodrome) .	..	11, 13, 14	0, 0, 21
Page 124			
Darjiling . .	..	10	6·59
Kalimpong .	..	20, 24	10, 7

Reference	Hour	Column	Replace the existing figures, if any, by
1	2	3	4
May—contd.			
Page 128			
Angul . .	0830	14	—1·6
Page 129			
Forbesganj .	1730	1	(R)
Darbhanga (R)	0830	1	Darbhanga
Fatehpur . .	1730	8	78·5
Page 135			
Vengurla . .	1730	17,18,19, 20,21,24, 25,26,27	3,28,0,0,0,1,17,13,0
Aurangabad (Chikalthana Aerodrome) .	1730	13	1·6
June			
Page 148			
Long Island .	..	20	28
Mawsynram .	..	20	27
Bankura . .	..	20	16
Page 149			
Hazaribagh .	..	10	7·11
Chapra . .	..	20	6
Arrah . .	..	20	11
Page 153			
Thangu . .	..	20	23
Chungthang .	..	20	18
Lacher . .	..	20	26
Page 159			
New Delhi .	0230	4	995·7
Page 165			
Gadag . .	All hours	4, 5	+0·4, +0·5
July			
Page 176			
Maya Bandar .	..	10	12·41
Long Island .	..	11,20	21·27,21
Mawsynram .	..	20	31
Dum Dum .	..	10,11	9·52,14·73
Bankura . .	..	20	23
Asansol . .	..	10	3·74
Malda . .	..	11,12	34·20, +3·23
Chandbali . .	..	11,12	4·24, —6·08
Bhubaneshwar .	..	11	741
Jharsuguda .	..	11	18·98
Jamshedpur (P.B.O.) .	..	10,11	2·35, 14·55

Reference	Hour	Column	Replace the existing figures, if any, by
1	2	3	4
July—(contd.)			
Page—176 (contd.)			
Ranchi . .	..	11,12	21·59, +6·14
Page 177			
Hazaribagh (C.W.)	..	10	9·55
Muzaffarpur .	..	20	16
Chapra . .	..	20	21
Arrah . .	..	20	22
Dumka . .	..	23	4
Banaras (Babatpur Aerodrome)	..	10,11	5·36, 12·51
Jhansi . .	..	12	—2·60
Meerut . .	..	6,7	779·4, —0·1
New Delhi .	..	3,7,28	—0·7, +0·4, 3
Page 178			
Jodhpur . .	..	10,19	1·81, —
Sikar . .	..	6	80·0
Jaipur . .	..	18	6·0
Udaipur . .	..	12	—3·07
Gwalior (P.B.O.)	..	22	0
Sutna . .	..	28	0
Page 179			
Honavar . .	..	2,3,4,5	—, —, —, —
Page 181			
Dalhousie . .	..	12,17,22, 23	.+6·37, 1·3, 0, 17
Dharamshala .	..	10	19·12
Thangu . .	..	20	31
Chungthang .	..	20	24
Lachen . .	..	20	31
Page 183			
Tezpur . .	0530	8	78·2
Page 184			
Calcutta . .	0830	7	83·8
Page 186			
Banaras (Babatpur (Aerodrome)	2330	13	7·1
Page 187			
Banda . .	0830	5	986·0
Banda . .	1730	13	5·2
Lucknow (Amausi Aerodrome)	0830	13,14	7·2, + 1· 4
	1730	13,14	6·5, —
Aligarh . .	0830	15	2·2
Aligarh . .	1130	13	6·7

Reference	Hour	Column	Replace the existing figures, if any, by
1	2	3	4
July—(contd.)			
Page 187—(contd.)			
Aligarh . .	2330	13	5·4
Dehara Dun .	0830	6	+0·6
Page 188, 189			
Amritsar . .	0830	9	76·6
Amritsar . .	1130	15	10·3
Gulmarg . .	0830	6,12,14	+0·1, +4, +0·6
Leh . . .	0530	13	2
Leh . .	0830	14	—1·2
Sri Ganganagar .	0830	5	977·9
Jaipur (Sanganer Aerodrome) .	1130	10	28·8
Jaipur (Sanganer Aerodrome)	2330	13	4·6
Udaipur . .	1130	13	6·7
August			
Page 204			
Mawsynram .	..	20	20
Bankura . .	..	20	25
Page 205			
Muzaffarpur .	..	20	13
Chapra . .	..	20	18
Arrah . .	..	20	16
Page 206			
Jodhpur . .	..	19	..
Page 209			
Coonoor . .	..	6,7	59·5,+1·7
Thangu . .	..	20	30
Chungthang .	..	20	16
Lachen . .	..	20	31
September			
Page 232			
Mawsynram .	..	20	20
Bankura . .	..	20	13
Page 233			
Muzaffarpur .	..	20	15
Chapra . .	..	20	19
Arrah . .	..	20	17
Page 237			
Darjiling (Raj Bhawan) .	..	19	0
Thangu . .	..	20	25
Chungthang .	..	20	17
Lachen . .	..	20	30

Reference	Hour	Column	Replace the existing figures, if any, by
1	2	3	4
October			
Page 260			
Mawsynram .	..	20	4
Bankura . .	..	20	3
Page 261			
Muzaffarpur .	..	20	2
Chapra . .	..	20	1
Arrah . .	..	20	1
Page 265			
Darjiling (Raj Bhawan) .	..	19	0
Thangu . .	..	20	7
Chungthang .	..	20	5
Lachen . .	..	20	8
Page 279			
Tiruchirapalli .	0830	6	—0·6
November			
Mawsynram .	..	20	1
Bankura . .	..	20	4
Page 289			
Muzaffarpur .	..	20	0
Chapra . .	..	20	0
Arrah . .	..	20	0
Page 293			
Thangu . .	..	20	3
Chungthang .	..	20	4
Lachen . .	..	20	6
December			
Page 316			
Mawsynram .	..	20	1
Bankura . .	..	20	4
Page 317			
Muzaffarpur .	..	20	0
Muzaffarpur .	..	20	0
Chapra . .	..	20	0
Arrah . .	..	20	0
Page 320,321			
Thangu . .	..	20	3
Chungthang .	..	20	4
Lachen . .	..	20	5
Page 331			
Deesa . .	0830	3,6	447,+0·6

Reference	Hour	Column	Replace the existing figures, if any, by
1	2	3	4
December—(contd.)			
Page 335			
Salem . .	..	1	Salem**

ERRATA TO ADDENDA TO MONTHLY WEATHER REPORTS 1953

Page 339			
January			
Wallangchang Gola	..	5	27
March			
Barakheshtra .	..	23	5
Teplejung . .	..	20,22,23	9,0,7
Taplethok . .	..	20	5
April			
Chainpur . .	..	9	25
Taplejung . .	..	8,9,23	49,25,10
Wallangchung Gola	..	13,14	0·51,15
Page 340			
July			
Chautara . .	..	11	22·69
August			
Taplethok . .	..	15	24
Page 341			
January			
Okhaldunga .	0830,1730	11	79,77
February			
Okhaldunga .	1730	9	48·3
March			
Okhaldunga .	0830	11	75
Okhaldunga	1730	9,11	51·7,77
April			
Okhaldunga .	0830,1730	11	76,70
May			
Page 342			
Okhaldunga .	0830	9,11	5·71,75
Okhaldunga .	1730	11	73
June			
Okhaldunga .	0830,1730	8	65,2, 62·3
Page 343			
September			
Okhaldunga .	0830,1730	9	61·9,62·2
October			
Okhaldunga .	0830	8	57·3
Okhaldunga .	1730	9,11	34·5,79
November			
Okhaldunga .	0830	11	78
Okhaldunga .	1730	9	48·2
Barakhshetra .	0830	15	3·1

ERRATA TO ANNUAL SUMMARY FOR 1953

Station	Page No.	Table No.	Column	Read	For
Kodaikanal.	A-87	VI	Maximum in 1 hour.	Amount : 2·58. Date: 9/X. Time : 18-19	Amount : 1·37. Date : 23/X. Time : 17-18
			Amount, Date, Time.		

GIPN—S1—16 DDG Obs P/64—21-5-65—225

India Meteorological Dept.

Registered No. B-3097

INDIA WEATHER REVIEW, 1953

Monthly Weather Report

January

Published by authority of the Government of India

Summary : The chief features of the Month were:

(i) Moderate to large excess of rain in north India, (ii) passage of nine western disturbances and (iii) formation of a depression in the Bay of Bengal during the last week of the month.

Of the nine western disturbances of the month which affected weather over north India, only the first five were active. The western disturbance which lay over north Rajasthan and neighbourhood at the close of the last month, moved in a northeasterly direction across the Punjab (I) and passed away over the western Himalayas by the 2nd. It caused widespread thundershowers in the Punjab (I) and west Rajasthan on the 1st, and in west Uttar Pradesh on the 1st and 2nd. Locally heavy to very heavy rain or snow was reported from the Punjab-Kumaon hills on the 1st and 2nd. The second western disturbance was responsible for local or fairly widespread rain in Madhya Bharat and Gujarat on the 6th and 7th, in Saurashtra and Kutch on the 6th, in east Rajasthan on the 7th and in northwest Uttar Pradesh on the 8th. The third western disturbance was rather shortlived, but caused fairly widespread thundershowers in southwest Uttar Pradesh, east Rajasthan and Madhya Bharat on the 12th and in Vindhya Pradesh and northwest Madhya Pradesh on the 12th and 13th. The fourth western disturbance was also shortlived, but it induced a secondary low over north Madhya Bharat on the 15th, which moved away in an eastnortheasterly direction across sub-Himalayan West Bengal by the 17th. The fourth western disturbance, along with its secondary, was responsible for widespread rain in Uttar Pradesh and the Punjab (I) on the 15th, over the region extending from Assam and Gangetic West Bengal to the Punjab (I) on the 16th and over the whole of northeast India outside Orissa on the 17th. During the period between the 15th and 17th there was heavy snowfall in the Punjab-Kumaon hills, which disrupted land communications and caused extensive damage to property in the Nainital area.

In the rear of the fourth western disturbance and its secondary, cold northerly air swept over the country, causing a large fall in night temperatures over north India, the central parts of the country and the adjoining parts of the Peninsula between the 16th and 19th. A few cases of death due to severe cold were also reported from east Uttar Pradesh and Gujarat during this period.

The remaining western disturbances of the month were generally feeble. The details regarding the movement and activity of each of the western disturbances are given in the following table:

Statement showing the Movement and Activity of Western Disturbances in January 1953

No.	Period	Course	Regions affected	Nature of precipitation and date	Remarks
1.	31st Dec.'52 to 2nd Jan. '53	Rajasthan Western Himalayas through Punjab (I).	Punjab (I), west Uttar Pradesh, north Madhya Bharat, north Rajasthan.	Widespread rain with locally heavy to very heavy falls in and near the Punjab-Kumaon hills on 1st.	
			East Uttar Pradesh, south Rajasthan.	Local showers on the 1st.	
			East Uttar Pradesh, Punjab-Kumaon hills.	Fairly widespread rain with isolated heavy falls in the Punjab hills on the 2nd.	
			Plains of west Uttar Pradesh and of Punjab (I).	Local showers on the 2nd.	

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120 540

S. No.	Period	Course	Regions affected	Nature of precipitation and date	Remarks
2.	4th–9th.	South Baluchistan and adjoining north-east Arabian Sea north-eastwards.	South-east Rajasthan . .	A few thundershowers on the 5th.	
			Gujarat .	Fairly widespread thundershowers on the 6th and 7th.	
			East Rajasthan Madhya Bharat, Saurashtra and Kutch.	Local thundershowers on the 6th.	
			East Rajasthan, Madhya Bharat.	Fairly widespread thundershowers on the 7th.	
			West Uttar Pradesh, Saurashtra and Kutch.	Local thundershowers on the 7th.	
			Punjab (I), west Rajasthan, west Madhya Pradesh.	A few thundershowers on the 7th.	
			North-west Uttar Pradesh.	Fairly widespread thundershowers on the 8th.	
3.	11th–13th.	Rajasthan, Madhya Bharat.	East Rajasthan, south-west Uttar Pradesh, Vindhya Pradesh, Madhya Bharat and north-west Madhya Pradesh.	Fairly widespread thundershowers on the 12th.	
			East Uttar Pradesh, Kumaon hills.	Local thundershowers on the 12th.	
			West Rajasthan.	A few showers on the 12th.	
			Kumaon hills, Vindhya Pradesh, north-west Madhya Pradesh.	Fairly widespread rain or thundershowers on the 13th.	
			South Madhya Bharat, north-east Madhya Pradesh.	Local rain or thundershowers on the 13th.	
4.	14th–16th.	North-west Rajasthan Punjab (I).	Chhota Nagpur . .	A few thundershowers on the 13th.	
			West Uttar Pradesh . .	Widespread rain on the 15th.	
			The Punjab (I). .	Widespread rainfall on the 15th and 16th with locally rather heavy falls.	
			North Rajasthan, Vindhya Pradesh, east Madhya Pradesh.	Local rainfall on the 15th.	
			East Uttar Pradesh, north Madhya Bharat, north-west Madhya Pradesh,	A few showers on the 15th.	
			Uttar Pradesh. . .	Fairly widespread rain or thundershowers with locally heavy falls on the 16th.	
			Rajasthan, north Madhya Bharat, east Madhya Pradesh, Kutch.	A few showers on the 16th.	
			In and near Kumaon hills.	Fairly widespread thundershowers on the 17th.	
			East Uttar Pradesh, north Punjab (I).	Local thundershowers on the 17th.	
			Jammu and Kashmir. .	A few snowfalls on the 15th and 16th.	
			Jammu and Kashmir. .	Widespread light rain or snow on the 17th.	

S. No.	Period	Course	Regions affected	Nature of Precipitation and date	Remarks
5.	15th–17th.	North Madhya Bharat, Chhota Nagpur, sub-Himalayan West Bengal.	Vindhya Pradesh, Chhota Nagpur, Bihar, sub-Himalayan West Bengal.	Fairly widespread thundershowers on the 16th.	Secondary induced by the 4th western disturbance.
			Assam	Fairly widespread thundershowers on the 17th.	
			Gangetic West Bengal, north Orissa.	A few thundershowers on the 16th.	
			Gangetic West Bengal .	Fairly widespread thundershowers on the 17th.	
			Gangetic West Bengal .	A few thundershowers on the 18th on the coast.	
			Chhota Nagpur . .	Widespread thundershowers on the 17th.	
			Bihar	Local thundershowers on the 17th.	
			North Orissa : . .	A few thundershowers on the 17th.	
6.	18th–22nd.	West Baluchistan, Punjab-Simla-Kumaon hills.	The Punjab hills . .	Fairly widespread light showers and snow on the 19th and 23rd.	
			The Punjab hills . .	Local rainfall on the 21st.	
			Kumaon hills . . .	Local showers on the 19th, 20th and 22nd. Fairly widespread rain and snow on the 23rd.	
			West Rajasthan . .	Local showers on the 19th.	
			In and near the Punjab hills.	Widespread light showers and snow on the 20th and 22nd.	
			Plains of north-west Uttar Pradesh.	A few showers on the 23rd.	
			Jammu and Kashmir.	A few falls of snow between the 19th and 23rd.	
7.	25th–28th.	Baluchistan, Rajasthan northeastwards.	Punjab hills . . .	Fairly widespread light showers on the 26th.	
			Punjab hills . . .	A few light showers on the 27th.	
			Jammu and Kashmir .	A few falls of snow on the 26th and 27th.	
8.	27th–29th.	Baluchistan, Punjab (I), Simla-Kumaon hills.	Punjab-Kumaon hills. .	Fairly widespread light rain or thundershowers on 29th.	
			Plains of Uttar Pradesh .	A few showers on the 29th.	
			Jammu and Kashmir .	A few falls of rain or snow on the 29th.	
9.	30th–31st.	Baluchistan, west Rajasthan.	..	..	

Under the influence of two low pressure waves from the east, there was also local or fairly widespread rain in the extreme south of the Peninsula between the 8th and 9th, and on the 24th and 25th.

Another well-marked low pressure wave appeared over the south Andaman Sea on the 26th and concentrated into a depression centred near Lat. 9°N., Long. 96°E. on the 28th. Moving initially NW'o a north-northeasterly direction it crossed the coast of Burma between Rangoon and Moulmein by the 30th evening, and rapidly weakened after passing inland.

Total rainfall for the month was in large excess in West Bengal, Orissa, Bihar, Uttar Pradesh, the Punjab (I), east Rajasthan, Madhya Bharat, Gujarat and Saurashtra and Kutch, in moderate excess in east Madhya Pradesh and coastal Andhradesa and in slight excess in west Rajasthan. It was normal in Travancore-Cochin, in slight defect in Assam, in moderate defect in the Bay Islands, Vindhya Pradesh, west Madhya Pradesh and Tamilnad and in large defect in Chhota Nagpur and south Hyderabad. Elsewhere there was no rain. Averaged over the plains of India, the rainfall was 43% in excess.

The mean maximum temperature was below normal in Uttar Pradesh, east Rajasthan and Madhya Bharat and normal over the rest of the country. The mean minimum temperature was above normal in the Bay Islands, Chhota Nagpur, west Rajasthan, Gujarat and Tamilnad and normal elsewhere over the country.

The mean relative humidity in the morning was in excess in west Uttar Pradesh, the Punjab (I), Rajasthan, Madhya Bharat, Vindhya Pradesh, Gujarat and Saurashtra and Kutch and normal in the remaining divisions.

The mean cloud amount in the morning was in excess in the Bay Islands, West Bengal, Chhota Nagpur, Bihar, east Uttar Pradesh, Madhya Bharat, Madhya Pradesh, north Hyderabad and Travancore-Cochin, in defect in west Rajasthan, coastal Andhradesa and Rayalaseema 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 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:
Dated the 9th July 1953.

A. K. ROY,
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.
	2	3	4	5	6	7	8	9
sion (including ır & Tri-	0·64	77	72·4	51·1	86	71	2·8	2·1
	−0·19	..	−1·2	+0·6	−3	..	−0·6	..
engal .	1·15	250	76·3	54·4	75	59	2·2	2·0
	+0·69	..	−1·2	+0·8	0	..	+0·6	..
. .	1·28	346	80·3	60·1	75	60	1·8	1·9
	+0·91	..	−1·1	+1·4	0	..	0	..
. .	0·90	127	74·4	51·4	76	61	2·8	2·6
	+0·19	..	−1·1	+1·9	+1	..	+1·0	..
radesh .	1·78	207	69·9	47·4	83	58	2·7	2·4
	+0·92	..	−2·3	+1·4	+7	..	+0·6	..
(I)(Includ- EPSU &	3·02	166	68·3	43·8	81	51	2·6	2·5
	+1·20	..	−0·8	+0·9	+9	..	0	..
an . .	0·71	177	72·1	47·7	75	44	1·9	1·7
	+0·31	..	−1·7	+1·7	+17	..	−0·3	..
on. unds .	1·06	59	85·7	73·9	71	78	5·3	5·3
	−0·73	..	+1·5	+2·3	0	..	+1·9	..
(Including ır & Tri-	0·64	77	72·4	51·1	86	71	2·8	2·1
	−0·19	..	−1·2	+0 6	−3	..	0·6	..
ngal .	1·15	250	76·3	54·4	75	59	−2·2	2·0
	+0·69	..	−1·2	+0·8	0	..	+0·6	..
. .	1·28	346	80·3	60·1	75	60	1·8	1·9
	+0·91	..	−1·1	+1·4	0	..	0	..
Nagpur .	0·33	46	76·6	52·7	69	53	2·5	2·9
	−0·38	..	−0·6	+2·1	−3	..	+0·6	..
. .	1·19	165	72·5	50·3	81	66	3·0	2·5
	+0·47	..	−1·5	+1·8	+4	..	+1·4	..
Pradesh,	1·69	256	71·5	48·9	83	58	2·8	2·4
	+1·03	..	−2·1	+1·9	+5	..	+1·0	..
Pradesh,	1·87	180	68·5	46·1	83	58	2·6	2·4
	+0·83	..	−2·5	+0·9	+9	..	+0·3	..
(I) (includ- EPSU and	3·02	166	68·3	43·8	81	51	2·6	2·5
	+1·20	..	−0·8	+0·9	+9	..	0	..
& Kash-		(Data incomplete)						
ın, West .	0·30	125	72·7	+6·9	73	43	1·9	1·5
	+0·06	..	−0·3	+2·5	+13	..	−0·5	..
ın, East ng Ajmer)	1·23	198	71·6	48·6	77	44	1·9	1·9
	+0·61	..	−3·1	+0·8	+21	..	−0·1	..
Bharat .	1·21	356	74·7	49·2	70	37	2·4	2·2
	+0·87	..	−2·6	+1·3	+10	..	+0·6	..
Pradesh	0·59	73	75·4	48·5	77	48	2·4	2·4
	−0·22	..	−0·3	+1·4	+6	..	+0·2	..

	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 & Vindhya Pradesh.	0·97	190	74·9	49·0	73	42	2·4	2·3
	+0·46	..	−1·7	+1·4	+9	..	+0·5	..
9. Madhya Pradesh .	0·44	96	81·1	54 7	63	41	2·2	2·3
	−0·02	..	−0·5	+1·3	+1	..	+0·5	..
10. Bombay (including Saurashtra & Kutch).	0·14	140	83·9	57·9	62	39	1·6	1·7
	+0·04	..	−0·3	+1·2	+5	..	+0·2	..
11. Hyderabad . .	0·03	12	85·7	61·0	61	32	2·0	2·1
	−0·23	..	+0·2	+0·8	−2	..	+0·2	..
12. Madras (including Travancore-Cochin).	0·61	72	85·6	68·9	75	59	2·9	2·7
	−0·24	..	0	+1·6	−2	..	+0·1	..
13. Mysore . .	0	0	82·4	60·0	76	35	2·8	2·4
	−0·17	..	−0·2	+0·7	+5	..	+0·2	..
Mean of India .	0·80	143	78·4	55·0	72	49	2·3	2·2
	+0·24	..	−0·9	+1·3	+4	..	+0·2	..
Sub-Division—*contd.*								
15. Madhya Pradesh, East.	0·62	148	80·5	55·0	70	44	2·2	2·2
	+0·20	..	−0·8	+1·6	+1	..	+0·5	..
16. Madhya Pradesh, West.	0·30	64	81·5	54·6	59	39	2·2	2·4
	−0·17	..	−0·3	+1·0	+2	..	+0·5	..
17. Gujarat . .	0·55	687	83·7	55·7	66	36	1·4	1·7
	+0·47	..	−1·7	+2·7	+8	..	+0·1	..
18. Saurashtra and Kutch.	0·21	300	79·5	55·0	69	44	1·5	1·3
	+0·14	..	−1·5	+1·6	+15	..	+0·1	..
19. Konkan . .	0	0	84·6	66·6	68	64	1·7	1·9
	−0·06	..	+0·7	−0·2	+1	..	+0·2	..
20. Deccan (Desh) .	0	0	86·9	57·5	53	29	1·7	1·9
	−0·15	..	+0·9	+0·7	−3	..	+0·2	..
21. Hyderabad, North.	0	0	84·8	59·7	55	32	2·1	2·4
	−0·27	..	−0·1	+0·9	−1	..	+0·4	..
22. Hyderabad, South	0·06	23	86·4	62·1	65	31	2·0	1·9
	−0·20	..	+0·5	+0·7	−2	..	+0·1	..
23. Coastal Andhradesa	0·59	147	83·9	66·4	79	64	2·1	1·8
	+0·19	..	0	+1·5	+1	..	−0·6	..
24. Rayalaseema .	0	0	88·2	64·6	64	39	1·4	1·7
	−0·22	..	+0·1	+1·4	−5	..	−0·6	..
25. Tamilnad . .	0·93	62	84·9	70·3	79	59	3·7	3·4
	−0·57	..	0	+2·2	−2	..	+0·5	..
26. Malabar and South Kanara.	0	0	88·5	71·5	72	63	2·4	2·1
	−0·23	..	+0·1	+0·8	−1	..	+0·3	..
27. Mysore . .	0	0	82·4	60·0	76	35	2·8	2·4
	−0·17	..	−0·2	+0·7	+5	..	+0·2	..
28. Travancore-Cochin.	0·85	101	87·6	73·1	71	63	4·1	3·9
	+0·01	..	−0·1	+0·5	−3	..	+1·9	..

: 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—JANUARY 1953.

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.																												
Table Island (R)																												
Maya Bandar	83·5	...	93	16,17	72·9	...	70	10,28,30	0	0·13	...	0·13	29	1	...	10·4	6·5	...	1	0	0	0	0	0	0	0	0	0
Long Island	85·9	...	88	5 days	74·5	...	69	3	0·02	0·50	...	0·50	29	1	...	2·9	1·6	...	1	0	0	0	0	0	0	0	0	0
Port Blair	85·7	+1·5	89	20	73·9	+2·3	67	3,4	0·20	1·06	—0·73	0·69	20	2	—0·3	10·0	8·3	—0·2	10	0	0	0	0	0	0	0	0	0
Kondul	82·5	...	84	14,16,30	77·4	...	72	29	8·08	13·27	...	6·64	27	19	...	17·6	7·2	...	19	0	0	3	0	0	0	0	0	0
Car Nicobar	85·4	...	87	7 days	76·8	...	69	31	0·78	1·29	...	0·44	28	5	...	5·8	5·0	...	10	0	0	0	0	0	0	0	0	0
Noncowry (R)																												
Assam																												
Mawsynram	...	...	...	...	...	...	...	...	...	0·50	...	0·25	23	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dibrugarh	72·3	+0·9	78	13	50·2	+0·1	44	27,28	0·73	1·13	—0·36	0·33	15,25	4	+0·3	1·1	0·8	+0·2	7	0	0	0	7	0	0	0	0	0
Dibrugarh (Mohanbari Aerodrome).	71·8	...	76	15	46·5	...	39	27	1·04	2·99	...	0·93	14	6	...	2·6	1·3	...	7	0	1	3	27	0	0	0	0	0
Sibsagar	66·3	—4·2	74	11,14	49·4	—0·3	41	28	0·27	0·56	—0·65	0·23	24	2	—1·5	2·3	1·4	+0·3	6	0	1	1	12	0	0	0	0	0
Tezpur	73·8	0	79	12,13	52·0	—0·5	46	26,27,28	0·22	0·72	+0·14	0·53	24	2	+0·5	0·8	0·7	—1·0	3	0	0	1	2	0	0	0	0	0
Tezpur (P.B.O.)	72·9	...	76	16	50·8	...	43	28	0·29	0·87	...	0·64	24	3	...	2·0	1·2	...	3	0	0	1	6	0	0	0	0	0
Gauhati	73·5	—1·1	79	3	50·5	—0·5	43	26,27	0·48	1·13	+0·75	0·78	24	2	+0·9	2·8	1·5	+0·3	5	0	0	0	0	0	0	0	0	0
Gauhati (Kaikuchi Aerodrome).	72·9	...	77	7 days	49·7	...	42	26,27	0·50	0·94	...	0·54	24	2	...	4·1	2·4	...	4	0	0	1	20	0	0	0	0	0
Dhubri (R)																												
Silchar	77·4	—0·6	82	9,13	52·5	+0·2	46	27	0·02	0·23	—0·54	0·15	23	1	—0·5	1·7	0·9	—0·2	2	0	0	0	0	0	0	0	0	0
Tura	72·5	...	79	16	53·7	...	45	26	0·31	0·62	...	0·29	17	3	...	2·6	2·9	...	2	0	0	0	0	0	0	0	0	0
Lumding	71·3	—2·2	76	5 days	52·0	+4·8	49	5 days	...	0·09	—0·47	0·05	24	0	—1·4	1·2	0·7	...	2	0	0	0	0	0	0	0	0	0
Kohima	58·6	...	62	8,9	46·2	...	43	19,30	0·17	0·45	...	0·20	23	3	...	3·4	2·8	...	3	0	0	0	8	0	0	0	0	0
Agartala (R)																												
Imphal	...	...	...	...	...	...	...	...	0	0	...	0	...	0	...	...	...	...	0	0	0	1	0	0	0	0	0	0
West Bengal																												
Dum Dum	77·3	...	83	15	55·5	...	47	19	0·20	0·50	...	0·43	23	1	...	3·2	2·5	...	4	0	0	0	5	0	0	0	0	0
Calcutta	78·2	—1·4	84	16,30	56·7	+2·1	48	25	0·24	0·83	+0·46	0·46	23	2	+1·2	3·6	2·0	0	3	0	0	0	4	0	0	0	0	0
Barrackpore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	0	0	0	5	0	0	0	0	0
Saugor Island	75·1	—1·9	81	17	59·9	+1·3	50	26	0·21	1·58	+1·17	1·20	17	3	+2·1	9·6	7·3	+1·8	3	0	0	0	10	0	0	0	0	0
Sandheads	...	...	...	...	...	...	...	...	0·11	0·44	+0·25	0·28	23	2	+1·5	...	...	...	3	0	0	0	0	0	0	0	0	0
Midnapore	77·9	—2·9	84	15,16	54·7	—0·9	43	15	0·28	1·07	+0·60	0·69	17	3	+2·1	4·0	2·2	+0·6	3	0	0	0	0	0	0	0	0	0
Contai	82·4	...	84	11 days	51·1	...	49	4 days	0·73	1·62	...	0·82	23	3	...	3·0	2·1	...	3	0	0	1	0	0	0	0	0	0
Bankura	...	...	...	...	...	...	...	...		0·83	+0·25	0·42	17	2	+0·8	...	...	...	...	...	...	...	...	...	...	...	...	...
Burdwan	77·8	—1·1	83	30	54·2	—0·5	47	19,20,26	0	0·03	—0·42	0·03	16	0	—0·9	1·6	0·9	—0·3	1	0	0	0	0	0	0	0	0	0
Krishnagar	79·5	+1·4	84	4 days	51·5	—0·1	42	25	0·01	0·35	—0·10	0·26	17	1	+0·1	2·9	1·7	+0·6	2	0	0	0	0	0	0	0	0	0
Asansol	75·7	—2·1	82	15	54·6	+1·9	48	26	0·45	2·74	+2·07	1·07	17	3	+1·6	4·7	3·0	—0·3	3	0	0	2	1	0	0	0	0	0
Berhampore	75·3	—1·4	82	15	54·5	+1·3	48	19,25	0·23	2·28	+1·90	1·25	16	4	+3·0	2·2	1·2	+0·1	2	0	0	1	14	0	0	0	0	0
Malda	73·5	—1·0	79	15,16	52·4	+2·4	45	4	0·68	1·26	+0·72	0·69	17	2	+1·1	2·8	3·0	+0·3	3	0	0	0	0	0	0	0	0	0
Cooch-Behar (R)														2														
Jalpaiguri	73·8	—0·6	80	13	51·0	0	43	25	0·33	0·56	+0·25	0·26	24	2	+1·3	3·5	2·2	+1·3	3	0	0	2	7	0	0	0	0	0
Bagdogra	75·4	...	81	13	47·0	...	40	29	...	0·26	...	0·10	24	...	...	...	...	...	3	0	0	2	1	0	0	0	0	0
Orissa																												
Balasore	79·4	—1·5	84	4 days	58·2	+1·9	49	25,26	0·49	0·99	+0·46	0·62	23	2	+1·0	5·0	2·8	+1·0	5	0	0	1	0	0	0	0	0	0
Chandbali	79·7	—1·6	87	30	59·0	+1·0	50	26	0·07	0·17	—0·03	0·10	23	1	+0·3	5·7	4·1	+0·5	2	0	0	0	0	0	0	0	0	0
Puri	79·3	—0·7	86	18	64·1	+0·4	56	25,26	0·27	1·05	+0·64	0·78	23	2	+1·4	9·1	7·8	+1·6	2	0	0	0	3	0	0	0	0	0
Bhubaneswar	81·5	...	86	12,15,17	60·4	...	51	25,26	0·21	1·61	...	1·40	23	2	...	6·3	5·3	...	2	0	0	0	1	0	0	0	0	0
Cuttack	82·8	—0·3	89	12,17	61·5	—1·7	51	26	0·14	1·27	+0·95	1·13	23	2	+1·3	3·6	2·5	+1·4	3	0	0	0	1	0	0	0	0	0
Cuttack (P. B. O.)	...	...	...	...	...	...	...	...	0·13	1·31	...	1·18	23	2	...	4·1	1·5	...	2	0	0	0	4	0	0	0	0	0
Gopalpur	80·2	—0·4	88	18	63·1	+0·8	54	26	0·50	2·05	+1·77	0·78	23	3	+2·5	7·8	5·7	—0·4	3	0	0	0	0	0	0	0	0	0
Koraput	77·2	...	81	21	53·9	...	43	28	0	2·10	...	2·10	23	1	...	...	...	...	1	0	0	0	0	0	0	0	0	0
Angul	79·9	—1·9	85	4 days	58·4	+2·3	48	26	1·12	2·02	+1·58	1·29	23	3	+2·1	4·0	3·3	+0·3	3	0	0	2	2	0	0	0	0	0
Sambalpur	80·8	—1·0	86	12	56·5	+1·5	51	7,27	0·06	1·44	+1·01	1·38	21	1	+0·1	3·4	2·3	+0·2	2	0	0	0	0	0	0	0	0	0
Jharsuguda	...	...	...	...	...	...	...	...	0·46	1·67	...	0·67	21	3	...	...	...	...	3	0	0	4	0	0	0	0	0	0
Titilagarh	82.6	...	88	30	58·7	...	49	26	0·90	1·49	...	1·08	23	3	...	2·0	1·5	...	4	0	0	0	0	0	0	0	0	0
Chhota Nagpur																												
Purulia (R)																												
Jamshedpur	79·0	—1·4	84	12,13	55·3	+4·0	44	25	0·14	0·23	—0·13	0·12	16	1	+0·1	3·4	2·5	+1·0	4	0	0	0	0	0	0	0	0	0
Jamshedpur (P.B.O.)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	0	0	1	0	0	0	0	0	0
Chaibasa	78·9	—0·3	84	29,30	55·3	+2·9	47	19	0·22	0·30	—0·34	0·21	16	1	—0·4	1·5	0·8	—0·5	3	0	0	2	0	0	0	0	0	0
Ranchi	73·5	0	78	4 days	49·9	—1·2	41	18	0·17	0·50	—0·42	0·24	17	2	+0·2	2·6	2·2	—1·3	4	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
Chhota Nagpur.—*contd.*																												
Hazaribagh (R)																												
Hazaribagh (C.W.)	72·9	...	80	2	49·2	...	41	19,24	0·26	2·83	...	1·73	16	2	...	6·2	1·3	...	3	0	1	4	1	0	2	0	0	0
Daltonganj	75·1	−0·8	82	2	50·4	+2·9	40	19	0·09	0·29	−0·63	0·21	16	1	−0·9	3·0	1·7	−0·1	2	0	0	2	0	0	0	0	0	0
Bihar																												
Purnea	71·0	−3·7	78	13	48·8	+1·1	41	19	0·62	2·05	+1·64	1·16	17	2	+1·2	4·2	2·1	+0·7	3	0	0	2	1	0	0	0	0	0
Forbesgunj	...	...	...	...	...	...	...	...	0	0	...	0	...	0	...	...	...	...	0	0	0	0	0	0	0	0	0	0
Darbhanga	71·0	−3·3	76	5 days	50·8	+1·0	44	19	1·04	2·47	+2·03	1·26	16	3	+2·0	1·2	0·4	−1·0	3	0	0	2	0	0	0	0	0	0
Motihari (R)																												
Muzaffarpur	...	...	...	...	...	...	...	...	...	0·70	+0·18	0·35	16,24	2	+0·9	...	...	...	...	...	...	...	...	...	...	...	...	...
Chapra	...	...	...	...	...	...	...	...	...	1·27	+0·70	1·27	16	1	−0·3	...	...	...	...	...	...	...	...	...	...	...	...	...
Arrah (R)																												
Patna	72·9	−0·1	80	12	52·6	+1·5	44	19	0	0·35	−0·24	0·32	16	1	−0·3	4·3	3·5	+1·3	2	0	0	0	15	0	0	0	0	0
Patna (Aerodrome)	72·6	...	79	15	49·5	...	41	19	0	0·35	...	0·35	16	1	...	5·1	2·8	...	1	0	0	1	0	0	0	0	0	0
Dehri	74·0	...	81	12	53·3	...	48	25	0·22	0·55	−0·13	0·22	17	3	+1·5	3·9	2·3	...	4	0	0	0	0	0	0	0	0	0
Gaya	74·8	+0·5	80	15,16,17	51·3	+2·1	43	19	0·21	0·93	+0·21	0·71	16	3	+1·7	5·9	3·5	+0·3	2	0	0	2	0	0	0	0	0	0
Jamui	74·4	...	80	15	51·8	...	44	19	0·09	1·08	...	0·95	16	2	...	5·0	2·8	...	2	0	0	0	0	0	0	0	0	0
Dumka (R)																												
Sabour	73·0	−1·0	79	12,16	48·1	+3·1	41	19, 25,26	0·28	1·18	−0·64	0·82	16	2	+0·9	5·1	2·7	−0·4	3	0	0	3	0	0	0	0	0	0
Bhagalpur	74·0	...	80	15	53·3	...	46	19,	0·32	1·05	...	0·68	16	2	...	4·5	3·1	...	2	0	0	3	0	0	0	0	0	0
U. P., East																												
Gonda	70·2	−3·6	77	12	47·7	+1·9	39	5	0·79	3·16	+2·65	2·07	16	5	+3·8	4·0	2·4	−0·3	5	0	0	2	0	0	0	0	0	0
Gorakhpur	70·8	−2·2	77	15	51·1	+2·6	44	19	1·30	2·38	+1·79	0·95	17	4	+2·7	4·1	2·5	+1·4	4	0	0	0	0	0	0	0	0	0
Azamgarh	73·7	...	79	10,11,12	47·9	...	41	19,25	0·30	0·50	...	0·32	16	2	.	3·7	2·0	...	3	0	0	0	0	0	0	0	0	0
Banaras	73·0	−1·2	79	15	49·5	+1·4	41	19	0·35	1·05	+0·31	0·57	16	3	+1·4	5·4	4·5	+1·9	4	0	0	1	0	0	0	0	0	0
Banaras (Babatpur Aerodrome).	73·6	...	79	12,15,29	48·0	...	38	19	0·17	0·48	...	0·28	16	1	...	6·5	4·5	...	5	0	0	0	5	0	0	0	0	0
Allahabad (Bamrauli)	73·3	−1·5	80	28	49·0	+1·9	41	4,19,25	0·11	0·63	−0·22	0·52	12	2	+0·9	4·4	3·1	+0·5	2	0	0	3	4	0	0	0	0	0
Fatehpur	72·3	−2·9	79	28	48·1	+1·7	40	18,19	0·15	0·24	−0·30	0·15	16	1	−0·4	5·4	2·5	+0·5	4	0	0	3	0	0	0	0	0	0
Banda	74·5	...	83	28	49·8	...	42	18,19	0·39	0·51	...	0·39	16	2	...	2·6	1·3	...	2	0	0	0	2	0	0	0	0	0
Orai	71·9	...	81	27	48·9	...	40	19	0	0·24	...	0·11	1	1	...	6·1	4·1	...	3	0	0	1	2	0	0	0	0	0
Kanpur	70·5	−1·4	79	15	48·6	+2·9	41	19	1·48	1·60	+1·04	1·43	16	1	−0·4	7·1	5·5	+2·2	5	0	0	1	0	0	0	0	0	0
Lucknow (R)																												
Lucknow (Amausi Aerodrome)	70·4	...	80	15	45·9	...	38	19	1·00	2·25	...	1·37	16	4	...	4·4	2·6	...	4	0	0	4	0	0	0	0	0	0
Hardoi	69·9	...	79	15	47·4	...	41	18,23	0·54	1·96	...	1·35	16	5	...	3·8	3·0	...	5	0	0	0	3	0	0	0	0	0
Lakhimpur Kheri	70·3	...	79	15	47·9	...	41	25	0·29	1·82	...	1·43	16	3	...	2·5	1·6	...	6	0	0	1	1	0	0	0	0	0
Bahraich	70·7	−1·9	79	15	48·3	+1·2	41	25	0·26	2·75	+1·93	2·27	16	3	+1·4	3·9	2·5	+0·9	3	0	0	1	0	0	0	0	0	0
U. P., West																												
Jhansi	72·0	−4·0	84	1	49·4	+2·0	41	18	0	0·54	0	0·50	12	1	−0·2	2·8	2·1	−0·1	2	0	0	1	1	0	0	0	0	0
Agra	69·0	−3·5	80	27	43·8	−0·5	38	23,24	0·84	1·91	+1·40	0·54	12	6	+4·8	2·6	1·5	−1·2	7	0	0	2	2	0	0	0	0	0
Mainpuri	70·7	−2·5	78	27	47·7	+2·1	42	24	0·41	1·42	+0·85	0·63	16	4	+2·7	...	...	...	7	0	0	1	0	0	0	0	0	0
Aligarh	69·4	−1·5	77	27,28	46·8	+1·6	40	23	0·10	1·35	+0·89	0·80	16	3	+1·8	...	...	...	7	0	0	2	0	0	0	0	0	0
Bareilly	69·9	−0·9	78	15	48·0	+1·7	42	24	0·13	0·96	−0·03	0·57	16	4	+2·1	2·7	1·5	0	4	0	0	6	0	0	0	0	0	0
Meerut	66·9	−3·0	74	14,15	45·9	+0·9	41	23	...	2·50	+1·25	1·26	16	4	+1·5	...	3·0	...	5	0	0	0	0	0	0	0	0	0
Najibabad	67·8	...	76	15	43·7	...	38	24	0·58	2·58	...	1·89	16	3	...	4·0	2·9	...	5	0	0	0	1	0	0	0	0	0
Roorkee	66·7	−1·7	74	15	44·6	+0·9	40	18,23,24	0·93	2·50	+0·83	1·27	16	6	+2·2	4·1	2·6	+0·8	6	0	0	3	1	0	0	0	0	0
Dehra Dun	63·6	−2·5	71	9,10,11	42·6	−1·4	36	4 days	1·69	3·75	+1·43	1·52	16	6	+2·1	1·6	1·4	−0·1	9	0	0	4	0	0	0	0	0	0
Punjab (I).																												
New Delhi	68·3	−2·2	78	27	46·7	+3·4	41	4,18,29	0·32	2·90	+1·91	1·79	16	4	+2·0	5·1	3·8	...	6	0	1	2	3	0	0	0	0	0
Hissar	69·0	−1·2	80	27	40·8	−0·6	36	23	0	2·17	−1·67	1·95	15	3	+1·6	2·5	2·7	−0·6	3	0	0	0	0	0	0	0	0	0
Karnal	66·6	...	74	9,14,29	44·2	...	40	18	0·33	1·78	...	0·87	15	4	...	0·3	0·1	...	5	0	0	1	0	0	0	0	0	0
Ambala	68·5	−0·6	77	9	44·8	+1·4	41	18	2·65	5·69	+4·37	4·13	16	3	+0·5	4·7	3·8	+1·3	3	0	0	0	0	0	0	0	0	0
Patiala	67·6	...	75	5 days	44·7	...	39	23	0·06	2·43	+0·95	1·44	15	3	...	5·7	4·6	...	3	0	0	1	0	0	0	0	0	0
Ludhiana	67·6	+0·7	77	10	43·0	−0·7	38	4	0	1·93	+0·42	1·15	16	3	+0·3	0·6	0·2	−1·1	3	0	0	3	0	0	0	0	0	0
Ferozepur	66·7	...	74	13	41·5	...	35	7	0·47	1·73	...	0·97	15	3	...	1·9	1·1	...	3	0	0	0	0	0	0	0	0	0
Amritsar	65·3	...	72	12,14	39·7	..	33	4	0·59	2·12	...	1·06		3	...	6·2	4·9	...	4	0	1	2	2	0	0	0	0	0
Pathankot	64·3	...	72	28	42·4	...	35	24	0·98	5·28	...	2·07	1	5	...	2·8	1·9	...	6	0	0	0	0	1	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
Jammu and Kashmir																												
Srinagar	36·7	−4·3	46	30	27·5	+0·2	20	5 days	0·52	2·29	−0·61	0·75	26	7	+0·9	1·4	1·7	−0·5	13	17	0	0	0	0	21	0	0	0
Gulmarg								Closed during winter months.																				
Sonamarg	...	...	...	...	...	...	...	...	...	4·20	...	1·46	19	8	...	...	...	...	9	...	...	...	3	...	25	...	...	...
Dras	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kargil	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Leh	27·7	−1·7	35	27	7·6	−0 4	1	4	0·11	0·36	−0·02	0·17	13	1	0	...	2·2	+1·1	5	10	0	0	0	0	0	0	0	0
Skardu (R)																												
Gurez	...	...	...	...	...	...	...	...	...	4·11	−1·32	1·00	25	9	−0·7	...	...	...	...	...	...	...	...	...	...	...	...	...
Gilgit (R)																												
Misgar (R)																												
Jammu (R)																												
Rajasthan, West																												
Sri Ganganagar	68·1	+0·3	76	11,14	42·8	+4·7	37	4,22	0·27	0·64	+0·19	0·60	15	1	−0·3	4·1	3·0	−0·5	2	0	0	0	2	0	0	0	0	0
Bikaner	71·2	−0·2	81	27	43·2	+2·3	37	3,17	0	0·54	+0·27	0·26	1	3	+2·2	1·9	1·4	−1·6	3	0	0	0	4	0	0	0	0	0
Jaisalmer	74·3	...	83	13	50·2	...	36	17	0	0·30	...	0·19	19	2	...	7·2	5·6	...	2	0	0	0	0	0	0	0	0	0
Jodhpur	75·4	−0·9	85	28	49·6	+1·0	39	17	0·02	0·08	−0·07	0·06	12	0	−0·3	5·2	4·1	−2·8	2	0	0	2	0	0	0	0	0	0
Phalodi	72·0	...	81	27	45·8	...	38	17,21	0	0·20	+0·06	0·20	1	1	+0·5	6·4	4·5	...	1	0	0	0	0	0	0	0	0	0
Barmer	75·9	−0·5	87	12,28	51·9	+1·9	43	23	0	0·05	−0·13	0·05	1	0	−0·4	5·0	4·8	+0·1	1	0	0	0	0	0	0	0	0	0
Rajasthan, East																												
Sikar	70·0	...	80	27	43·3	...	33	3	0·33	0·87	...	0·33	12	3	...	5·4	3·5	...	4	0	0	0	0	0	0	0	0	0
Jaipur	70·4	−2·8	79	27,28	47·3	+0·5	38	22	0·44	0·70	+0·26	0·39	12	2	+1·0	3·5	2·6	−0·9	5	0	0	3	0	0	0	0	0	0
Jaipur (Sanganer Aerodrome)	69·5	...	79	28	47·6	...	39	3,22,23	0·23	1·04	...	0·33	28	6	...	5·0	4·6	...	6	0	0	4	3	0	0	0	0	0
Ajmer	69·5	−3·2	80	27	46·5	+0·8	38	22	0·62	0·77	+0·40	0·62	12	1	0	4·5	3·2	+1·6	4	0	0	1	1	0	0	0	0	0
Kotah	74·0	−3·1	84	26,27,28	52·9	+1·8	45	18	0·30	0·85	−0·61	0·48	7	2	+1·4	1·7	1·5	+0·2	4	0	0	3	0	0	0	0	0	0
Jhalawar (R)																												
Udaipur	72·4	−3·4	83	28	47·7	+0·2	38	17	1·62	2·58	+2·38	1·95	6	3	+2·6	3·0	1·7	...	3	0	0	2	0	0	0	0	0	0
Madhya Bharat																												
Gwalior (P. B. O.)	70·7	−2·6	82	27	47·5	+1·5	38	18,23	0·47	1·71	+0·97	0·82	16	4	+2·5	4·7	2·8	...	9	0	1	3	2	0	0	0	0	0
Sheopur Kalan	75·0	...	83	26,27	47·8	...	37	23	0	1·00	...	0·63	7	2	...	3·0	1·9	...	5	0	0	1	0	0	0	0	0	0
Guna	74·7	−2·4	84	1	48·3	+2·6	36	24	0·10	1·62	+1·36	0·92	7	3	+1·8	5·2	3·0	+0·9	3	0	0	3	1	0	0	0	0	0
Neemuch	73·5	−3·6	82	1,28	50·8	+2·2	43	4 days	0·67	1·27	+1·07	1·17	7	2	+1·6	3·5	4·0	0	2	0	0	3	2	0	0	0	0	0
Ratlam	77·6	...	85	1,11,28	51·7	...	43	22	0·24	1·46	...	0·71	7	3	...	3·1	6·0	...	3	0	0	2	2	0	0	0	0	0
Indore	77·9	−1·6	85	12,27	49·3	−0·1	38	23	0·11	0·79	+0·55	0·49	7	3	+2·5	7·0	4·2	+0·5	4	0	0	2	1	0	0	0	0	0
Bhopal (Bairagarh)	76·7	−2·6	85	11	50·3	+0·5	41	23,24	0·03	0·64	+0·40	0·29	7,12	2	+1·2	7·4	6·0	+0·9	4	0	0	2	3	0	0	0	0	0
Vindhya Pradesh																												
Nowgong	74·3	−0·6	85	29	47·2	+0·6	37	24	0·08	0·43	−0·16	0·35	12	1	−0·5	3·9	2·0	+0·9	2	0	0	0	1	0	0	0	0	0
Sutna	75·2	+0·2	84	1	49·1	+1·0	39	19,24	0·20	0·87	+0·04	0·35	12	3	+1·8	3·8	2·5	+0·4	3	0	0	3	1	0	0	0	0	0
Umaria	76·6	−0·4	88	12	49·2	+2·7	38	18,24	0·12	0·47	−0·54	0·35	13	1	−1·1	3·5	1·8	−0·3	4	0	0	1	1	0	0	0	0	0
Madhya Pradesh, East																												
Gondia	82·2	...	88	29	56·6	...	46	24,25	0	0·23	...	0·18	15	1	...	3·0	2·1	...	3	0	0	0	0	0	0	0	0	0
Pendra	73·9	−0·7	83	29	51·6	+1·0	42	18,25	0·44	1·47	+0·62	0·84	16	3	+1·3	4·8	2·9	+0·1	5	0	0	5	0	0	0	0	0	0
Raigarh	81·1	...	88	11,12	58·2	...	47	25	0·10	1·93	...	1·55		3	...	3·4	2·6	...	3	0	0	0	1	0	0	0	0	0
Ambikapur	73·7	...	81	2,12	47·6	...	36	25	0·25	0·57	...	0·38	16	2	...	5·2	4·1	...	4	0	0	1	0	0	0	0	0	0
Champa	79·5	...	86	11,12	57·7	...	49	19,25	0·69	2·64	...	1·33	21	4	...	3·6	3·4	...	4	0	0	2	0	0	0	0	0	0
Raipur	80·1	−1·5	87	29	55·4	−0·4	48	24	0	0·12	−0·25	0·08	21	0	−0·8	4·0	2·9	+0·1	2	0	0	1	2	0	0	0	0	0
Kanker	81·0	−1·6	87	12	55·7	+3·4	44	25	0	0·28	+0·08	0·25	21	1	+0·5	2·4	1·7	−0·1	2	0	0	0	0	0	0	0	0	0
Chanda	84·7	−0·5	91	31	57·5	+2·1	45	24	0	0·31	0	0·31	21	1	+0·5	3·3	1·9	+0·3	1	0	0	1	0	0	0	0	0	0
Sironcha	85·2	...	90	30,31	61·9	...	50	25	0	0·24	...	0·13	23	2	...	4·1	2·5	...	2	0	0	0	0	0	0	0	0	0
Jagdalpur	82·6	+0·4	88	22	54·6	+1·9	46	25,26	0	0·92	+0·53	0·92	23	1	+0·3	2·5	1·5	...	1	0	0	1	0	0	0	0	0	0
Madhya Pradesh, West																												
Buldhana	81·4	...	86	13,28	59·3	...	50	22	0	0	...	0	...	0	...	6·3	5.0	...	0	0	0	0	0	0	0	0	0	0
Akola	86·3	+0·2	91	12,13,29	56·8	+1·9	45	24	0	0	−0·35	0	...	0	−0·7	4·9	3·7	+1·0	0	0	0	0	0	0	0	0	0	0
Amravati	84·5	−0·3	90	29	60·2	+1·1	54	18,26	0	0	−0·37	0	...	0	−0·8	6·4	5·7	+2·1	0	0	0	0	0	0	0	0	0	0
Yeotmal	83·9	...	90	23,29	59·3	...	51	18,23,24	0	0	...	0	...	0	...	7·1	5·9	...	0	0	0	0	0	0	0	0	0	0
Khandwa	83·7	−1·1	91	11	53·2	+0·6	39	18	0·05	0·38	+0·07	0·28	7	1	+0·4	6·3	4·1 (b)	+1·4	3	0	0	0	0	0	0	0	0	0
Hoshangabad	79·7	−0·7	88	12,29	49·2	−5·0	41	19	0	0·23	−0·17	0·16	12	1	+0·1	3·6 (c)	2·7 (c)	+0·6	3	0	0	0	0	0	0	0	0	0
Sagar	74·0	−2·7	86	12	52·0	−0·5	44	23,24	0·04	0·67	+0·10	0·55	12	1	−0·3	9·3	9·1	+0·8	1	0	0	1	1	1	0	0	0	0
Jabalpur	78·7	+1·3	88	12	51·3	+3·4	39	24	0·06	0·98	+0·16	0·40	15	3	+1·3	4·2	2·4	+1·0	3	0	0	2	0	0	0	0	0	0
Mandla	77·5	...	85	29	50·6	...	37	24	2·53	3·19	...	1·51	15	4	...	3·4	2·0	...	4	0	0	0	2	0	0	0	0	0

(R) Register not received.

(c) Mean of 28 days.

(b) Mean of 29 days.

TABLE II—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER—JANUARY 1953.

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
Madhya Pradesh, West—*contd.*																												
Seoni	80·0	+1·2	87	6	52·6	+0·7	42	24	0·06	0·10	−0·45	0·06	21	0	−1·2	2·6	3·0	+0.7	2	0	0	1	0	0	0	0	0	0
Chhindwara	78·6	...	84	29	52·7	...	42	24	0·15	0·16	...	0·15	21	1	...	4·7	3·2	...	2	0	0	1	0	0	0	0	0	0
Betul	79·5	...	86	31	51·8	...	37	24	0	0·05	...	0·05	13	0	...	4·7	3·2	...	1	0	0	0	0	0	0	0	0	0
Nagpur	83·1	−0·6	91	29	55·8	−0·2	44	25	0	0	−0·37	0	...	0	−0·8	5·0	3·2	...	0	0	0	0	0	0	0	0	0	0
Gujarat																												
Deesa	80·5	...	88	11,28	50·7	...	40	17	0·06	0·12	...	0·06	6,7	0	...	...	...	...	2	0	0	0	0	0	0	0	0	0
Surat	88·7	+1·9	94	14	59·5	+1·7	52	26	0·02	0 02	−0·09	0·02	7	0	−0·2	5·4	4·5	+1·7	1	0	0	0	0	0	0	0	0	0
Ahmedabad	81·0	−3·3	87	11,12,28	54·6	+1·7	45	22	0·78	0·78	+0·76	0·78	7	1	+0·9	7·6	4·6	+2·1	1	0	0	2	0	0	0	0	0	0
Dohad	80·9	−3·2	89	11,27	55·3	+3·3	47	22	0	0·73	+0·64	0·47	7	2	+1·8	7·0	6·2	+3·7	2	0	0	1	0	0	0	0	0	0
Baroda	84·0	−2·3	93	11	53·5	+3·9	43	17	0·34	0·65	+0·59	0·60	7	1	+0·9	3·6	2·7	0	2	0	0	2	0	0	0	0	0	0
Baroda (Aerodrome)	83·4	...	92	11	56·3	...	46	17	0·45	0·62	...	0·55	7	1	...	7·1	5·0	...	2	0	0	2	0	0	0	0	0	0
Broach	87·3	...	95	11,26	55·6	...	47	17,21,22	0·27	0·37	...	0·31	7	1	...	5·3	4·3	...	2	0	0	0	0	0	0	0	0	0
Saurashtra and Kutch																												
Bhuj	78·3	−1·1	86	28	53·9	+1·6	47	2	0·07	0·55	+0·47	0·50	6	1	+0·8	5·6	3·1	−1·0	3	0	0	2	0	0	0	0		0
Bhuj (P. B. O.)	...	...	...	...	...	...	...	...	0·07	0·55	...	0·50	6	1	...	3·9	2·7	...	3	0	0	3	0	0	0	0	0	0
Dwarka	76·6	−1·3	84	30	60·7	+1·2	57	4 days	0	0·22	+0·12	0·22	6	1	+0·7	10·9	8·9	+0·7	1	0	0	1	0	0	0	0	0	0
Porbander	81·9	...	89	10	58·5	...	49	18	0	0·06	...	0·06	6	0	...	8·6	6·7	...	1	0	0	0	1	0	0	0	0	0
Jamnagar	78·3	−2·2	87	28	53·6	+3·3	46	17,18	0	0	−0·05	0	...	0	−0·1	...	...	...	0	0	0	1	2	0	0	0	0	0
Rajkot	81·5	−1·8	89	11	53·1	+2·1	44	2	0·05	0·15	+0·11	0·10	6	1	+0·9	8·8	6·5	+2·4	2	0	0	1	7	0	0	0	0	0
Rajkot (Aerodrome)	81·6	...	89	11	51·8	...	43	2,23	...	0·11	...	0·08	6	0	...	...	8·3	...	2	0	0	1	7	0	0	0	0	0
Veraval	82·9	...	88	14	56·8	...	50	17,18,22	0	0	−0·04	0	...	0	−0·1	11·6	9·4	+4·6	0	0	0	2	1	0	0	0	0	0
Mahuva	85·1	...	90	14,15	58·6	...	50	17	0·06	0·16	...	0·10	6	1	...	10·0	6·9	...	2	0	0	0	0	0	0	0	0	0
Bhavnagar	82·7	−1·3	91	11	53·9	−0·1	46	22	0·23	0·33	+0·24	0·23	7	2	+1·9	5·6	3·4	−0·2	2	0	0	1	0	0	0	0	0	0
Bhavnagar (Aerodrome)	81·1	...	90	11	55·9	...	45	23	...	0·41	...	0·30	7	2	...	...	9·8	...	2	0	0	2	0	0	0	0	0	0
Konkan																												
Dahanu	80·4	...	89	26	61·1	...	54	24	0	0	...	0	...	0	...	11·2	7·9	...	0	0	0	0	0	0	0	0	0	0
Bombay (Colaba)	84·2	+1·0	90	26	66·1	−0·6	61	17	0	0	−0·14	0	...	0	−0·2	7·1	5·9	−0·7	0	0	0	0	0	0	0	0	0	0
Bombay (Santa Cruz Aerodrome)	86·3	+2·1	91	4,19,26	69·7	+0·1	50	17	0	0	...	0	...	0	...	8·6	5·6	...	0	0	0	0	0	0	0	0	0	0
Alibag	82·9	+0·3	92	19	63·0	−0·5	56	22	...	0	−0·05	0	...	0	−0·2	...	2·4	−2·2	0	0	0	0	0	0	0	0	0	0
Harnai	81·9	...	89	25	71·9	...	66	17,21	0	0	...	0	...	0	...	11·2	8·7	...	0	0	0	0	0	0	0	0	0	0
Ratnagiri	87·6	...	93	25,26	65·5	...	61	22,28	0	0	...	0	...	0	...	...	...	...	0	0	0	0	0	0	0	0	0	0
Devgad	87·0	...	93	26	69·1	...	65	17,22,23	0	0	...	0	...	0	...	9·8	8·2	...	0	0	0	0	0	0	0	0	0	0
Vengurla	90·2	...	94	19,26	64·2	...	58	30	0	0	...	0	...	0	...	...	...	...	0	0	0	0	0	0	0	0	0	0
Marmagao	86·6	+0·7	92	19	70·8	+0·5	67	23,28	0	0	0	0	...	0	0	7·7	6·8	1 2	0	0	0	0	0	0	0	0	0	0
Karwar	88·7	...	94	25,26	64·6	...	59	27,28	0	0	...	0	...	0	...	...	...	...	0	0	0	0	0	0	0	0	0	0
Honavar	89·5	...	95	26	67·9	...	64	23,28,29	0	0	−0·05	0	...	0	−0·1	3·9	3·2	...	0	0	0	0	0	0	0	0	0	0
Deccan (Desh)																												
Khandala	...	...	...	...	...	...	...	...	...	0	−0·10	0	...	0	−0·1	...	...	...	...	...	...	...	...	...	...	...	...	...
Jalgaon	87·5	...	95	12	54·9	...	41	24	0	0·03	−0·31	0·03	9	0	−0·6	7·9	6·4	...	1	0	0	0	0	0	0	0	0	0
Malegaon	85·6	−0·6	92	29	53·0	+0·6	42	18,22,24	0	0·01	−0·16	0·01	7	0	−0·3	4·9	3·2	−0·4	1	0	0	0	0	0	0	0	0	0
Deolali	84·5	...	90	28	52·1	...	42	23	...	0	...	0	...	0	...	...	3·1	...	0	0	0	0	0	0	0	0	0	0
Ahmednagar	85·0	+0·5	90	31	55·2	+2·0	47	22	0	0	−0·21	0	...	0	−0·4	6 1	4·5	+0·8	0	0	0	0	0	0	0	0	0	0
Poona	87·8	+1·3	92	12	53·7	+0·7	40	24,25	0	0	−0·06	0	...	0	−0·2	2·3	1·2	−2·5	0	0	0	0	0	0	0	0	0	0
Poona (Lohagaon Aerodrome)	86·2	...	90	30	56·5	...	50	18,26	0	0	...	0	...	0	...	...	...	...	0	0	0	0	0	0	0	0	0	0
Jeur	86·8	...	91	29,31	55·4	...	45	25	0	0	...	0	...	0	...	6·7	4·5	...	0	0	0	0	0	0	0	0	0	0
Sholapur	87·9	+0·5	93	31	59·7	+0·4	53	25,26	0	0	−0·15	0	...	0	−0·3	8·2	6·2	+0·5	0	0	0	0	0	0	0	0	0	0
Miraj	88·0	+1·8	92	31	57·5	−0·1	50	25	0	0	−0·01	0	...	0	−0·1	7·3	5·5	+1·1	0	0	0	0	0	0	0	0	0	0
Kolhapur	87·2	...	91	29,31	58·5	...	53	26,31	0	0	...	0	...	0	...	7·0	4·5	...	0	0	0	0	1	0	0	0	0	0
Bijapur	86·7	+0·5	92	31	61·2	+1·0	53	26	0	0	−0·18	0	...	0	−0·2	5·3	3·7	+0·9	0	0	0	0	0	0	0	0	0	0
Belgaum	...	...	...	...	...	...	...	...	0	0	−0·12	0	...	0	−0·2	4·8	3·3	+0·5	0	0	0	0	0	0	0	0	0	0
Belgaum (Sambre Aerodrome)	84·4	...	87	5 days	58·9	...	53	31	0	0	...	0	...	0	...	9·8	7·3	...	0	0	0	0	0	0	0	0	0	0
Gadag	87·3	+2·0	93	31	62·0	+0·5	58	2,25,28	0	0	−0·17	0	...	0	−0·2	5·8	4·0	−0·6	0	0	0	0	0	0	0	0	0	0
Hyderabad, North																												
Aurangabad	85·0	+0·3	90	28	58·4	+1·7	50	25	0	0	−0·29	0	...	0	−0·5	6·0	5·6	+1·0	0	0	0	0	0	0	0	0	0	0
Aurangabad (Chikalthana Aerodrome)	84·1	...	89	28,29	51·0	...	40	18,24	0	0	...	0	...	0	...	6·1	4·3	...	0	0	0	0	0	0	0	0	0	0
Parbhani	85·7	...	91	15,29	56·5	...	47	24,25	0	0	−0·36	0	...	0	0·7	...	...	...	0	0	0	0	0	0	0	0	0	0
Ramagundam	86·5	...	92	29,30	55·3	...	49	25	0·32	0·65	...	0·43	21	2	...	4·1	3·6	...	2	0	0	0	0	0	0	0	0	0
Nizamabad	86·3	+0·1	92	31	59·5	+1·9	47	25	0	0	−0·20	0	...	0	−0·4	4·1	2·9	+0·8	0	0	0	0	0	0	0	0	0	0
Bidar	83·2	−0·6	89	29	61·2	−0·9	57	23,24,25	0	0	−0·22	0	...	0	−0·5	8·2	6·7	+0·3	0	0	0	0	0	0	0	0	0	0

TABLE II—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER —JANUARY 1953.

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	87·2	−0·1	93	31	60·4	+0·4	52	25	0	0	−0·21	0	...	0	−0·3	8·3	6·5	+1·8	0	0	0	0	0	0	0	0	0	0
Raichur	86·9	+0·1	93	31	65·1	+0·4	59	25,26,27	0	0	−0·13	0	...	0	−0·2	6·3	5·9	+0·5	0	0	0	0	0	0	0	0	0	0
Mahbubnagar	84·9	...	90	29	61·7	...	55	3	0	0	...	0	...	0	...	8·0	6·5	...	0	0	0	0	0	0	0	0	0	0
Hyderabad (Nizamiah)	85·6	+0·9	90	29,30,31	59·2	+0·5	51	25,26	0	0·24	−0·07	0·24	23	1	+0·5	6·2	4·5	+1·3	1	0	0	0	0	0	0	0	1	0
Hyderabad (Begumpet Aerodrome)	83·6	...	89	29,30	58·4	...	49	26	0	0·14	...	0·14	23	1	...	8·7	5·9	...	1	0	0	0	0	0	0	0	0	0
Hakimpet	82·0	...	86	17	60·9	...	55	26	...	...	...	...	...	...	...	...	...	...	0	0	0	0	2	0	0	0	0	0
Hanamkonda	85·9	+0·9	91	17,30	63·5	+1·6	54	25,26	0	0	−0·40	0	...	0	−0·7	6·7	5·5	+1·9	0	0	0	0	0	0	0	0	0	0
Bhadrachallam	87·4	...	91	29,30,31	63·6	...	52	25,27	0	0·10	...	0·10	24	1	...	4·6	3·2	...	1	0	0	0	8	0	0	0	0	0
Khammameth	88·2	...	93	18	65·1	...	57	25,26,27	0	0·10	...	0·10	23	1	...	5·4	3·9	...	1	0	0	0	0	0	0	0	0	0
Coastal Andhradesa																												
Nellore	86·7	+1·5	90	18,19	68·0	+0·5	64	27	0	0·13	−1·18	0·11	24	1	−0·4	6·0	3·9	+1·1	2	0	0	0	0	0	0	0	0	0
Ongole	84·3	...	88	24	67·6	...	62	25	1·01	1·12	...	1·10	20	1	...	6·0	3·7	...	2	0	0	0	0	0	0	0	0	0
Gannavaram	86·9	...	91	18	66·7	...	61	27,28	0	0	...	0	...	0	...	10·1	7·2	...	0	0	0	0	1	0	0	0	0	0
Masulipatam	82·7	−0·3	86	18	68·1	+2·1	63	26,27	0·04	0·04	−0·16	0·04	19	0	−0·3	9·0	7·0	+3·1	1	0	0	0	0	0	0	0	0	0
Kakinada	81·5	+0·4	86	31	67·2	+0·8	61	26,27	0·05	0·10	−0·18	0·05	6,24	0	−0·5	6·9	7·2	+1·7	2	0	0	0	0	0	0	0	0	0
Visakhapatnam	83·6	−1·2	88	16,17	64·9	+0·7	58	26,27	0·05	2·15	+1·72	1.56	19	2	+1·5	7·2	4.3	+1·4	3	0	0	0	0	0	0	0	0	0
Calingapatam	79·8	−2·0	85	18	66·5	+3·0	55	26	0	1·10	+0·88	0·83	23	2	+1·4	7·4	7·8	+3·0	2	0	0	1	1	0	0	0	0	0
Rentachintala	88·9	+1·7	95	18	63·9	+2·2	55	27	0	0·05	+0·04	0·05	19	0	0	4·2	3·3	0	1	0	0	0	0	0	0	0	0	0
Rayalaseema																												
Arogyavaram	80·6	...	86	23,24	59·7	...	53	15	0	0·05	...	0·05	5	0	...	5·2	3·9	...	1	0	0	0	0	0	0	0	0	0
Cuddapah	88·9	+0·8	95	23	67·5	+1·8	62	26,27	0	0	−0·39	0	...	0	−0·6	10·4	7·0	+0·4	0	0	0	0	0	0	0	0	0	0
Bellary	86·8	−1·0	92	31	63·8	+1·5	59	5,26	0	0	−0·10	0	...	0	−0·3	4·7	2·8	+0·1	0	0	0	0	0	0	0	0	0	0
Kurnool	88·9	+0·5	93	18,31	62·4	+0·8	51	26	0	0	−0·15	0	...	0	−0·3	5·3	4·3	+1·4	0	0	0	0	0	0	0	0	0	0
Anantapur	87·2	...	92	23,31	63·4	...	55	26	0	0	−0·24	0	...	0	−0·3	6·3	6·2	...	0	0	0	0	0	0	0	0	0	0
Tamilnad																												
Palayamcottai	90·2	...	94	22	73·3	...	71	5,13,14	1·65	1·69	−0·02	1·40	24	2	−0·7	9·1	5·9	...	4	0	0	0	0	0	0	0	0	0
Pamban	83·6	+1·0	86	28	78·6	+4·1	76	7,11	0·31	0·59	−1·98	0·31	9	2	−2·0	16·2	11·7	+1·9	4	0	0	0	0	0	0	0	0	0
Mathurai	88·5	+2·7	92	22,24,25	70·0	+1·6	69	29,30,31	0·13	0·13	−0·65	0·06	12	0	−1·5	6·2	4·3	−0·2	3	0	0	0	0	0	0	0	0	0
Nagapattinam	81·7	−0·6	83	7 days	73·4	+1·6	68	27	0·56	3·57	+0·84	2·02	8	5	+2·0	12·6	12·8	+4·9	9	0	0	0	0	0	0	0	0	0
Tiruchirapalli	84·7	−2·2	90	22,24,25	69·7	+1·5	63	29	01·7	0·47	−0·52	0·33	9	1	−0·7	7·2	6·0	+0·6	4	0	0	0	0	0	0	0	0	0
Coimbatore	86·0	0	90	17,19	68·2	+3·3	63	9	0	0·08	−0·55	0·08	9	0	−1·1	6·1	4·1	+1·5	1	0	0	0	0	0	0	0	0	0
Coimbatore (Peelamedu Aerodrome)	87·1	...	91	17,30	66·2	...	61	29	0	0·09	...	0·09	9	0	...	8·0	5·8	...	1	0	0	0	0	0	0	0	0	0
Salem	88·3	+0·2	92	19,23,24	67·2	+2·2	63	29	0	0·03	−0·26	0·03	10	0	−0·7	5·3	6·5	+2·6	1	0	0	0	0	0	0	0	0	0
Kallakurichi	85·1	...	90	23,24	69·5	...	65	4 days	0·13	0·42	...	0·27	9	1	...	...	...	...	3	0	0	0	0	0	0	0	0	0
Cuddalore	82·4	−0·3	84	4 days	70·3	+1·4	64	27	0·91	1·41	−0·94	0·99	9	3	+0·6	8·1	5·7	+1·2	5	0	0	0	0	0	0	0	0	0
Vellore	85·0	+1·1	89	13,22,24	66·0	+1·8	61	5 days	0·06	0·06	−1·39	0·06	11	0	−2·1	5·2	4·1	+1·7	1	0	0	0	0	0	0	0	0	0
Madras	83·8	−1·5	87	24	69·6	+2·5	65	27	0	1·23	−0·18	0·85	9	2	+0·3	9·8	6·7	+0·7	3	0	0	0	0	0	0	0	0	0
Madras (Nungambakkam)	84·3	...	87	18	69·6	...	63	28,31	...	0·41	...	0·23	11	2	...	...	3·6	...	3	0	0	0	0	0	0	0	0	0
Malabar & South Kanara																												
Mangalore	88·1	−1·0	92	25	71·0	+0·4	67	27,29	0	0	−0·11	0	...	0	−0·2	6·3	5·3	+0·5	0	0	0	0	0	0	0	0	0	0
Kozhikode	89·0	+1·1	91	5	72·1	+1·2	68	5	0	0	−0·35	0	...	0	−0·6	7·9	6·7	+1·5	0	0	0	0	0	0	0	0	0	0
Palghat	93·2	...	97	18	72·9	...	70	30,31	0	0	...	0	...	0	...	8·8	6·8	...	0	0	0	0	0	0	0	0	0	0
Mysore																												
Chitaldrug	83·7	−1·1	90	31	62·0	−0·6	58	4 days	0	0	−0·25	0	...	0	−0·3	5·2	4·0	−0·6	0	0	0	0	0	0	0	0	0	0
Shimoga	87·3	...	91	19,31	57·5	...	50	16	0	0·04	...	0·04	10	0	...	4·4	2·5	...	1	0	0	0	0	0	0	0	0	0
Hassan	81·7	−1·1	86	22	58·3	+1·3	54	27,28	0	0	−0·17	0	...	0	−0·3	4·2	3·1	0	0	0	0	0	0	0	0	0	0	0
Bangalore (Central observatory)	81·0	+0·7	88	23	59·3	+2·0	55	14	0	0	−0·24	0	...	0	−0·5	7·1	6·2	+1·1	0	0	0	0	1	0	0	0	0	0
Bangalore (Aerodrome)	81·4	...	85	5 days	59·2	...	53	14	0	0	...	0	...	0	...	...	...	...	0	0	0	0	0	1	0	0	0	0
Mysore	83·2	−1·0	87	17,23,24	61·9	+1·1	52	28	0	0	−0·14	0	...	0	−0·3	9·0	7·1	+1·2	0	0	0	0	0	4	0	0	0	0
Balchonnur	82·4	+1·5	91	28	58·3	−0·1	55	27,28	...	0·02	−0.03	0·02	10	0	−0·2	...	...	...	1	0	0	0	0	0	0	0	0	0
Nandi Hills*																				/								
Travancore-Cochin																												
Fort Cochin	86·7	−0·2	90	5	73·8	+0·3	71	6 days	0	0	−0·89	0	...	0	−1·1	6·5	5·7	+1·6	0	0	0	1	0	0	0	0	0	0
Cochin (Willingdon Island Aerodrome)	88·0	...	91	11	72·0	...	64	29	0	0	...	0	...	0	...	4.0	3.6	...	0	0	0	2	0	0	0	0	0	0
Alleppey	89·2	...	94	11	72·8	...	68	5	0·07	0·73	...	0·50	22	2	...	8·4	6·1	...	5	0	0	2	0	0	0	0	0	0
Trivandrum	88·5	+0·1	91	2,13	72·5	+0·6	68	31	0·21	1·71	+0·92	1·27	25		+1·3	4·7	3·6	+0·8	3	0	0	2	0	0	0	0	0	0

*Date 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
Hill Stations—Excluding Kashmir																												
Aijal	69	...	73	4 days	51·2	...	42	25	0·08	0·22	...	0·08	17,24	0	...	4·3	4·1	...	4	0	0	0	1	0	0	0	0	0
Shillong	58·9	−1·2	65	8	37·6	−1·2	29	25	0·72	1·10	+0·58	0·42	17	3	+1·9	0·6	0·2	−1·3	6	0	0	0	0	0	10	0	0	0
Cherrapunji	60·4	+0·1	65	2,9	43·7	−2·4	36	25	0·34	0·60	−0·15	0·30	17	2	+0·5	6·0	4·5	+1·0	2	0	0	0	17	0	0	0	0	0
Darjiling	48·8	+1·8	57	8	34·6	−0·8	25	25	0·52	1·23	+0·70	0·38	16	4	+2·8	5·3	4·7	+2·1	7	7	0	4	9	0	0	0	0	0
Darjiling (Raj Bhawan).	49·9	...	56	5,13	36·1	...	29	25	0·67	1·59	...	0·53	22	5	...	2·0	1·5	...	6	0	0	0	30	0	0	0	0	0
Kalimpong	58·3	−1·1	64	14	45·9	−0·3	36	25	0·32	0·42	+0·01	0·20	24	3	+2·1	1·1	0·6	−6·1	3	0	0	0	4	0	0	0	0	0
Katmandu	61·6	−3·0	71	8	33·3	−2·9	27	25,26	0·50	0·89	+0·51	0·38	17	4	+3·2	1·5	0·9	−0·3	4	0	0	1	21	0	7	0	0	0
Mukteswar (Kumaon)	46·0	−3·8	56	16	32·9	−2·6	21	17	1·60	4·33	+2·17	1·95	16	8	+4·4	6·5	7·2	+1·6	10	8	0	4	7	0	0	0	0	0
Nainital	48·3	...	60	11	33·7	...	22	17	2·81	6·09	...	3·05	16	8	...	5·6	4·6	...	11	4	0	0	1	0	0	0	0	0
Lokpal											Closed during winter months.																	
Jamuna Chetty	...	...	...	...	...	...	...	...	...	6·20	...	1·40	16	11	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mussooree	48·7	−0·8	60	5	34·5	−2·4	25	17	1·42	3·39	+0·68	1·34	1	5	0	5·0	4·5	+0·1	9	0	0	0	0	0	0	0	0	0
Kharsali	...	...	...	...	...	...	...	...	...	9·92	...	2·30	16	13	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rana	...	...	...	...	...	...	...	...	...	5·96	...	1·47	16	7	...	...	...	...	8	...	...	...	...	...	...	...	...	...
Simla	44·4	−3·1	56	6	33·4	−2·0	21	17,18	0·69	3·23	+0·62	1·19	16	7	+2·2	2·3	2·3	+1·4	10	8	0	0	0	0	0	0	0	0
Dharampore	...	...	...	...	...	...	...	...	...	6·06	+3·29	2·00	16	6	+2·0	...	...	...	...	...	...	...	...	...	...	...	...	...
Kyelang (R)																												
Gondla	...	...	...	...	...	...	...	...	...	3·24	...	0·93	15	10	...	...	...	...	14	...	...	...	...	...	...	...	...	...
Kothi	...	...	...	...	...	...	...	...	...	13·26	...	2·71	15	14	...	...	...	...	14	...	...	...	...	...	...	...	...	...
Koksar (R)																												
Dalhousie (R)																												
Dharamshala	56·5	...	65	12	42·2	...	33	17	3·51	10·41	...	2·62	1	11	...	...	...	...	12	0	0	0	0	0	0	0	0	0
Pachmarhi	72·0	0	78	11,12	48·7	+1·0	36	18	0·10	0·50	−0·14	0·25	13	2	+0·7	3·2	2·2	−0·2	1	0	0	1	0	0	0	0	0	0
Abu	64·9	−1·0	71	11	48·5	−2·2	43	4 days	0·29	0·63	+0·37	0·43	6	2	+1·4	4·0	3·2	−0·3	2	0	0	2	0	0	0	0	0	0
Mahabaleshwar	77·1	+2·7	81	11	57·0	−0·1	50	23	0	0	−0·14	0	...	0	−0·2	4·1	4·8	−1·1	0	0	0	0	0	0	0	0	0	0
Mercara	76·8	−0·3	81	17,22	58·2	+1·0	55	4,16,30	0	0	−0·16	0	...	0	−0·3	7·0	6·5	+2·5	0	0	0	0	0	0	0	0	0	0
Kodaikanal	61·5	−0·7	68	4	46·5	−0·1	41	5	0·20	0·86	−2·33	0·73	9	1	−3·0	8·2	8·6	0	4	0	0	0	0	0	0	0	0	0
Ootacamund	67·0	+1·1	74	4	42·6	−0·4	38	21,22,27	0	0·09	−1·20	0·06	18	0	−1.8	3·3	2·5	−0·6	3	0	0	0	0	0	0	0	0	0
Coonoor	60·1	−6·1	68	4 days	47·2	+0·2	41	4	...	5·77	+3·31	3·93	18	6	+3·3	...	3·8	+0·5	8	0	0	0	4	0	0	0	0	0
Sikkim																												
Thangu. (R)																												
Chungthang (R)																												
Lachen	35·9	...	38	4 days	24·7	...	22	13	...	0·25	...	0·15	13	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tibet																												
Yatung (Chumbi)	46·8	+1·6	55	3,10	4·8	−14·8	1	31	...	0·55	−0·01	0·30	16	2	+0·3	...	...	...	3	8	0	0	0	0	0	0	0	0
Lhasa	44·0	...	55	8,13	16·4	...	5	27	...	0	...	0	...	0	...	...	0·2	...	0	0	0	0	0	0	0	0	0	0
Gyantse	40·4	−1·9	50	8	5·9	−2·0	−7	20	...	0	−0·01	0	...	0	0	...	1·5	−2·6	0	0	0	0	0	0	0	0	0	0
Ceylon																												
Colombo	86·3	−0·6	90	22	71·7	−0·2	64	30,31	2·51	3·79	0	1·62	23	6	+0·7	...	...	...	10	0	0	6	0	0	0	0	0	0
Trincomales	80·5	−1·6	83	16,18	75·0	+0·4	66	28	5·66	11·21	+4·39	4·95	23	11	+2·9	...	...	...	17	0	0	0	0	0	0	0	0	0
Batticoloa	81·4	...	84	17	72·8	...	67	28	7·49	17·28	...	4·59	23	15	...	...	...	...	18	0	0	0	0	0	0	0	0	0
Hambantota	85·4	+0·7	89	4 days	72·9	+0·6	67	29	1·81	5·62	+1·67	2·17	16	8	+2·0	...	...	...	12	0	0	2	0	0	0	0	0	0
Mannar	84·7	...	88	19	74·5	...	68	29,31	0·66	1·46	...	0·60	24	4	...	...	...	...	3	0	0	0	0	0	0	0	0	0
HYDROMETEOROLOGICAL OBSERVATORIES																												
Damodar Catchment																												
Bokaro	75·9	...	83	2	49·6	...	41	26	1·22	3·92	...	1·95	16	3	...	3·9	3·0	...	4	0	0	6	2	0	0	0	0	0
Hazaribagh	70·5	...	77	2,15	49·8	...	42	19	1·01	3·20	...	1·90	16	2	...	5·9	3·4	...	3	0	2	3	1	0	0	0	0	0
Barhi	68·5	...	75	14,15	50·4	...	42	19	0·59	0·82	...	0·81	16	1	...	4·1	2·5	...	2	...	...	...	...	...	...	...	...	...
Ramgarh	76·9	...	84	2	48·1	...	40	26	1·82	2·45	...	1·01	17	5	...	2·6	1·3	...	7	...	...	...	...	...	...	...	...	...
Dhanbad	75·4	...	82	15	54·4	...	47	19,25	1·89	4·16	...	1·69	16	3	...	4·5	3·9	...	5	0	0	4	0	0	0	0	0	0
Asansol	...	...	...	...	...	...	...	...	...	2·74	...	1·07	17	3	...	...	...	...	3	...	...	...	...	...	...	...	...	...
Dhanwar	...	...	...	...	...	...	...	...	...	1·97	...	1·17	16	2	...	...	...	...	2	...	...	...	...	...	...	...	...	...
Dumri (R)																												
Bishungarh	...	...	...	...	...	...	...	...	...	2·82	...	2·20	16	2	...	...	...	...	4	...	...	...	...	...	...	...	...	...
Palganj (Giridih)	...	...	...	..	...	...	...	...	...	1·82	...	1·70	16	1	...	...	...	...	3	..	...	...	...	...	...	...	...	...
Chandwa	...	...	...	...	...	...	...	...	...	1·63	...	1·15	16	4	...	...	...	...	5	...	...	...	...	...	...	...	...	...
Pupunki (Chas Road)	...	...	...	...	...		..	...	...	4·03	...	1·90	16	3	...	...	...	...	6	...	...	...	...	...	...	...	...	...

(R) Register not received.

TABLE II—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER—JANUARY 1953

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 betw.en 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	2
HYDROMETEORO-LOGICAL OBSER-VATORIES—*contd.*																												
Mahanadi Catchment																												
Baramul . .	82·6	...	88	12,13	54·9	...	43	26	0·03	0·91	...	0·69	23	2	...	1·8	1·2	...	2	...	...	...	...	...	...	...	...	...
Hirakud . .	82·1	...	87	3,12	58·2	...	47	25	0	0·78	...	0·77	21	1	...	1·2	0·7	...	2	...	...	...	...	...	...	...	...	...
Barkachhar . .	81·8	...	87	12,17,29	54·0	...	43	25	0	0·26	...	0·60	21	1	...	4·5	2·2	...	1	...	...	...	...	...	...	...	...	...
Sonepur . .	81·3	...	87	16	60·3	...	49	25	...	1·08	...	0·30	22	3	...	...	2·4	...	3	...	...	...	...	...	...	...	...	...
Ginabahar . .	78·1	...	83	4 days	47·1	...	40	19	...	1·00	...	0·69	14	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jonk . . .	81·8	...	86	31	58·2	...	50	26	0	1·02	...	0·57	21	2	...	5·5	3.8	...	3	...	...	3	...	...	...	...	...	...
Ganga Catchment																												
Tapoban . .	50·6	...	60	11	33·0	...	23	23	...	2·47	...		8	7	...	...	...	...	11	...	...	...	...	...	...	...	...	...
Badrinath . .								Closed	during	winter	months																	
Narbada Catchment.																												
Punasa . .	83·8	...	91	12	53·7	...	43	24,25	0·02	0·44	...	0·29	9	1	...	0·9	3·7	...	5	...	...	1	...	...	...	...	...	...
Bagra Tawa .	79·9	...	89	11,12	51·5	...	37	18	0·08	0·31	...	0·22	12	1	...	4·7	2·8	...	2	...	...	1	...	...	...	...	...	...
Thikri . .	84·4	...	92	11	53·1	...	42	20	...	0·86	...	0·80	6	1	...	...	...	...	2	...	...	...	...	...	...	...	...	...
Tapti Catchment																												
Nandurbar . .	86·2	...	91	5 days	60·3	...	52	19,25,26	...	0·20	...	0·20	6	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...
Sabarmati Catchment																												
Jhadol . .	71·3	...	79	20	44·8	...	34	17,18	...	1·95	...	1·22	6	3	...	...	...	...	3	...	...	...	...	...	...	...	...	...
Dharoi . .	76·4	...	84	28	...	...	...	...	...	1·63	...	1·30	9	2	...	...	...	...	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, miles per hour.	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
Bay Islands																										
Table Island . . . (R)	0830	108																								
(R)	1730	,,																								
Maya Bandar . . .	0830	50	1013·1	1011·4	...	79·4	73·8	71·2	26·1	76	...	4·7	...	5·6	0	3	21	5	13	3	0	0	0	0	3	7
	1730	,,	1010·4	1008·5	...	78·8	70·2	71·1	21·4	77	...	4·9	...	8·5	0	2	29	6	21	2	0	0	0	0	2	0
Long Island . . .	0830	80	1012·5	1009·7	...	81·0	75·0	72·1	26·9	75	...	4·0	...	2·8	0	0	28	0	3	1	0	0	4	2	18	3
	1730	,,	1010·2	1007·4	...	78·5	73·4	71·1	26·0	79	...	3·8	...	1·5	0	0	19	1	1	0	0	0	2	0	15	12
Port Blair . . .	0530	259	1011·7	1002·7	...	74·5	71·5	69·6	26·0	85	...	5·0	...	6·9	0	1	29	4	12	8	0	0	1	1	4	1
	0830	,,	1013·4	1004·5	−0 4	81·4	74·4	71·0	25·8	71	0	5·3	+1·9	8·1	0	3	27	6	17	6	0	0	0	0	1	1
	1130	,,	1011·9	1003·0	...	84·2	75·8	71·6	26·5	66	...	5·0	...	9·9	0	4	27	3	16	11	0	0	0	0	1	0
	1730	,,	1010·9	1002·0	...	78·3	73·4	70·8	25·8	78	...	5·3	...	8·3	0	2	29	2	20	8	0	0	0	0	1	0
	2330	,,	1012·3	1003·3	...	76·1	72·6	70·7	25·8	84	...	4·3	...	8·4	0	5	26	5	10	9	0	0	0	1	6	0
Kondul	0830	30	1012·2	1011·2	...	81·1	76·6	74·7	28·2	81	...	5·4	...	8·3	0	3	27	2	19	8	0	0	0	0	1	1
	1730	,,	1009·8	1008·8	...	80·3	76·3	74·5	29·1	83	...	5·6	...	6·8	0	1	26	3	15	6	2	0	1	0	0	4
Car Nicobar . . .	0830	33	1012·1	1011·2	...	80·7	77·3	75·3	30·3	79	...	4·7	...	5·0	0	0	30	3	16	10	1	0	0	0	0	1
	1730	,,	1010·1	1009·2	...	80·2	76·7	74·9	29·8	85	...	4·2	...	3·3	0	0	27	1	15	10	0	0	0	1	0	4
Nancowry . . (R)	0830	70																								
(R)	1730	,,																								
Assam																										
Dibrugarh . . .	0830	345	1019·0	1006·4	0	61·2	57·7	55·2	14·7	82	−9	2·9	−1·2	1·5	0	0	23	2	6	14	0	0	0	0	1	8
	1730	,,	1014·8	1002·3	...	62·4	58·5	55·5	14·9	78	...	2·2	...	0·4	0	0	6	1	2	3	0	0	0	0	0	25
Dibrugarh (Mohanbari Aerodrome)	0230	363	1016·5	1003·2	...	48·9	48·5	48·1	11·4	97	...	2·1	...	0·4	0	0	3	0	3	0	0	0	0	0	0	28
	0530	,,	1017·4	1004·0	...	47·8	47·6	47·4	10·9	98	...	5·2	...	0·2	0	0	3	1	0	1	1	0	0	0	0	28
	0830	,,	1019·4	1006·2	...	59·2	56·6	54·2	14·6	84	...	3·5	...	1·7	0	0	23	3	12	5	3	0	0	0	0	8
	1130	,,	1016·9	1004·0	...	68·0	59·4	52·2	13·5	58	...	2·9	...	2·5	0	0	30	2	16	7	2	0	3	0	0	1
	1730	,,	1015·3	1002·2	...	60·6	57·0	53·9	14·4	79	...	2·9	...	0·5	0	0	4	0	3	1	0	0	0	0	0	27
	2330	,,	1016·8	1003·5	...	50·9	50·2	49·5	12·1	95	...	1·9	...	0·1	0	0	1	0	1	0	0	0	0	0	0	30
Sibsagar	0830	371	1019·2	1007·6	+0·4	58·3	56·7	55·3	15·1	90	−3	4·7	−1·7	1·2	0	0	15	2	1	2	1	4	4	0	1	16
	1730	,,	1014·9	1003·6	...	64·3	60·0	56·8	15·5	77	...	2·7	...	0·9	0	0	10	2	3	1	0	0	2	0	2	21
Tezpur	0830	258	1019·1	1009·8	+0·2	57·5	55·6	53·7	14·2	88	0	2·2	−0·5	1·5	0	0	23	0	8	13	1	0	0	1	0	8
	1730	,,	1014·5	1005·3	...	66·9	60·8	56·2	17·6	70	...	1·5	...	0·5	0	0	7	0	4	2	0	0	1	0	0	24
Tezpur (P. B. O.) .	0230	257	1016·6	1007·1	...	53·1	52·4	51·7	13·3	96	...	1·6	...	1·0	0	0	9	1	3	4	1	0	0	0	0	22
	0530	,,	1017·5	1008·1	...	51·3	50·8	50·4	12·4	97	...	2·7	...	0·3	0	0	4	3	1	0	0	0	0	0	0	27
	0830	,,	1019·3	1010·0	...	60·2	56·9	54·2	14·1	81	...	2·7	...	2·3	0	0	25	4	12	7	0	0	1	1	0	6
	1130	,,	1017·1	1007·9	...	68·7	60·7	54·4	14·5	60	...	2·5	...	2·7	0	0	26	4	8	9	1	2	1	1	0	5
	1730	,,	1015·4	1006·1	...	62·1	58·6	55·6	16·9	79	...	1·8	...	0·4	0	0	4	0	2	1	1	0	0	0	0	27
	2330	,,	1016·8	1007·4	...	55·0	54·2	53·4	13·8	95	...	0·9	...	0·3	0	0	3	1	0	2	0	0	0	0	0	28
Gauhati	0830	182	1018·5	1012·0	+0·3	59·4	57·2	55·6	15·2	88	0	2·1	+0·1	1·5	0	0	24	5	7	2	1	3	3	1	2	7
	1730	,,	1013·7	1007·3	...	67·2	60·8	56·1	15·2	68	...	2·5	...	0·3	0	0	5	0	1	1	1	1	0	1	0	26
Gauhati (Kaikuchi Aerodrome)	0230	162	1015·7	1009·8	...	53·6	53·2	52·6	13·5	97	...	1·2	...	1·1	0	0	10	0	4	0	1	3	2	0	0	21
	0530	,,	1016·2	1010·2	...	50·9	50·7	50·6	12·7	98	...	0·9	...	0·7	0	0	8	1	3	1	1	1	1	0	0	23
	0830	,,	1018·4	1012·5	...	60·2	54·4	52·3	13·2	87	...	2·4	...	1·7	0	0	19	2	12	1	1	0	1	0	2	12
	1130	,,	1016·2	1010·5	...	69·3	66·8	65·7	22·0	82	...	2·3	...	5·7	0	0	30	7	16	1	0	0	0	1	5	1
	1730	,,	1014·4	1008·5	...	63·3	59·6	56·8	16·0	79	...	3·4	...	1·5	0	0	20	0	9	1	1	6	3	0	0	11
	2330	,,	1015·8	1010·0	...	55·4	54·8	54·3	14·5	96	...	2·0	...	1·2	0	0	12	0	2	0	1	5	3	0	1	19
Dhubri . . . (R)	0830	115																								
(R)	1730	,,																								
Silchar	0830	96	1018·2	1014·7	+0·1	60·2	57·0	54·3	14·6	81	−2	2·0	+0·2	0·8	0	0	13	0	4	5	3	1	0	0	0	18
	1730	,,	1014·1	1010·7	...	69·4	61·4	55·4	15·0	62	...	1·6	...	0·1	0	0	2	0	0	1	0	0	0	0	1	29
Tura	0830	1,215	1019·0	975·7	...	58·6	54·8	51·6	12·8	80	...	3·4	...	1·3	0	0	20	2	7	7	3	0	1	0	0	11
	1730	,,	1015·3	972·5	...	63·8	59·8	58·3	15·8	79	...	2·3	...	1·4	0	0	22	0	3	8	4	1	3	1	0	9
Lumding	0830	488	1019·3	1001·4	...	56·7	...	...	...	...	...	...	...	0·6	0	0	19	3	5	4	5	2	0	0	0	12
	1730	,,	1015·2	997·6	...	67·9	...	...	...	...	...	...	...	0·4	0	0	7	1	2	2	0	0	0	1	1	24
Kohima	0830	4,614	907·6	832·4	...	54·0	46·6	37·3	7·8	56	...	3·1	...	5·9	0	0	31	11	2	2	2	2	1	0	11	0
	1730	,,	905·0	829·9	...	50·5	47·1	43·4	9·6	79	...	0·6	...	2·5	0	0	25	2	0	0	2	10	4	5	2	6
Agartala . . . (R)	0230	52																								
	0530	,,	1014·9	1013·0	...	50·5	50·0	49·4	12·1	96	...	1·9	...	0·4	0	0	2	0	2	0	0	0	0	0	0	29
(R)	0830	,,																								
	1130	,,	1015·5	1013·6	...	72·8	61·9	53·0	26·2	52	...	1·8	...	5·8	0	2	24	5	3	0	0	0	1	3	14	5
(R)	1730	,,																								

(R) Register not received.

TABLE III—SUMMARY OF OBSERVATIONS AT FIXED HOURS—JANUARY 1953.

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, miles per hour.	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
Assam—*contd.*																										
Agartala (R)	2330	52																								
Imphal	0830	2,583	905·0	928·8	...	56·5	52·6	50·1	12·2	80	...	2·1	...	2·9	0	0	25	1	0	10	10	2	2	0	0	6
	1130	,,	903·5	927·0	...	62·5	55·1	51·8	12·4	68	...	2·1	...	4·5	0	1	30	2	1	6	13	1	6	1	1	0
	1730	,,	901·3	924·2	...	64·0	57·7	53·6	13·3	69	...	1·9	...	4·9	0	1	25	1	0	1	1	0	19	4	0	5
West Bengal																										
Dum Dum	0230	33	1015·3	1014·2	...	58·0	55·5	53·1	13·9	84	...	1·4	...	1·9	0	0	15	7	4	0	0	1	1	0	2	16
	0530	,,	1015·6	1014·5	...	56·3	54·1	52·1	13·5	86	...	2·1	...	2·3	0	0	20	9	3	2	0	0	1	1	4	11
	0830	,,	1017·9	1016·7	...	63·8	58·0	52·9	13·7	68	...	2·2	...	4·1	0	1	21	12	6	2	0	0	0	0	2	9
	1130	,,	1016·7	1015·5	...	73·5	61·5	51·3	13·2	47	...	1·9	...	8·3	0	4	26	12	5	2	2	1	0	0	8	1
	1730	,,	1014·3	1013·2	...	71·7	61·8	53·9	14·3	54	...	2·0	...	2·8	0	1	18	11	1	1	1	0	1	0	4	12
	2330	,,	1015·8	1014·7	...	60·3	57·1	54·0	14·7	80	...	1·1	...	0·8	0	8	23	3	4	0	1	0	0	0	0	23
Calcutta	0830	21	1018·1	1017·3	+0·5	63·2	58·5	54·4	14·8	74	−8	2·2	+0·4	2·1	0	0	20	5	9	1	0	0	0	1	4	11
	1730	,,	1014·5	1013·7	...	71·1	62·3	55·5	15·6	59	...	1·4	...	0·9	0	0	11	6	0	2	0	0	1	1	1	20
Barrackpore	0530	23	1015·7	1014·9	...	57·0 (j)	...	...	...	...	...	1·9	...	1·5	0	0	12	7	0	1	0	2	0	0	2	19
	0830	,,	1018·0	1017·2	...	64·2	...	...	...	...	...	2·3	...	3·0	0	0	24	9	7	1	0	0	0	2	5	7
	1130	,,	1016·7	1015·9	...	73·6 (j)	...	...	...	...	...	1·9	...	6·3	0	1	29	4	4	4	0	0	0	4	14	1
	1730	,,	1014·5	1013·7	...	70·6	...	...	...	...	...	2·0	...	2·3	0	0	21	6	0	2	1	3	0	1	8	10
	2330	,,	1015·9	1015·1	...	60·8 (j)	...	...	...	...	...	1·1	...	0·6	0	0	6	3	0	0	1	0	1	0	1	25
Saugor Island	0830	10	1017·2	1016·8	−0·1	66·4	61·5	57·2	16·3	73	−7	1·8	−0·4	10·2	0	11	20	11	14	2	1	1	1	0	1	0
	1730	,,	1014·0	1013·7	...	71·2	63·1	57·0	16·2	62	...	1·9	...	8·3	0	3	28	9	8	0	4	5	1	1	3	0
Sandheads	0530	32	1015·0	1013·8	...	71·0	64·6	60·1	18·0	69	...	0·7	...	8·3	0	5	23	14	9	1	1	1	1	0	1	3
	0830	,,	1017·2	1016·1	−0·2	72·1	65·3	60·4	18·0	67	+4	1·5	−0·3	9·2	0	9	20	11	15	0	1	0	1	0	1	2
	1130	,,	1016·2	1015·1	...	73·0	65·3	59·9	17·9	64	...	1·3	...	9·1	0	8	22	12	14	2	0	0	2	0	0	1
	1730	,,	1014·4	1013·3	...	73·8	65·3	59·3	18·5	62	...	1·8	...	5·3	0	2	21	6	8	5	0	2	0	0	2	8
	2330	,,	1015·3	1014·1	...	72·2	65·1	60·0	18·1	66	...	0·3	...	7·4	0	7	16	5	7	0	4	4	2	0	1	8
Midnapore	0830	149	1018·0	1012·7	+0·4	64·2	57·9	52·2	13·4	66	+2	2·5	+0·7	2·4	0	0	20	16	4	0	0	0	0	0	0	11
	1730	,,	1014·1	1008·8	...	72·3	62·8	55·2	15·2	57	...	1·5	...	0·8	0	0	14	4	5	1	0	3	1	0	0	17
Contai	0830	35	1016·9	1015·7	...	67·0	64·4	62·6	19·6	86	...	1·3	...	2·0	0	0	22	21	0	0	0	0	0	1	0	9
	1730	,,	1014·8	1013·6	...	66·7	64·1	62·2	19·4	86	...	1·3	...	1·7	0	0	22	17	0	0	1	4	0	0	0	9
Burdwan	0830	106	1017·4	1013·7	−0·2	62·4	56·8	51·6	13·3	68	−2	0·8	−1·0	1·2	0	0	14	0	2	1	6	1	3	0	1	17
	1730	,,	1014·0	1010·4	...	72·7	62·6	53·7	15·0	53	...	0·8	...	1·7	0	0	14	2	3	2	2	1	1	1	2	17
Krishnagar	0830	40	1018·3	1016·6	+0·8	61·7	57·5	54·2	14·5	76	+3	2·3	+1·0	2·0	0	0	28	10	2	3	0	3	0	8	2	3
	1730	,,	1015·0	1013·3	...	70·6	61·9	57·0	15·9	61	...	2·5	...	0·7	0	0	10	4	0	1	3	0	0	1	1	21
Asansol	0230	414	1015·6	1000·9	...	57·3	54·7	52·1	13·5	83	...	1·5	...	1·7	0	0	14	2	1	1	0	0	0	3	7	17
	0530	,,	1016·2	1001·2	...	55·9	53·5	51·0	12·9	85	...	2·1	...	1·5	0	0	13	1	0	1	1	0	0	1	9	18
	0830	,,	1018·1	1003·3	+0·5	61·5	56·5	52·0	13·4	72	+6	2·2	+0·3	3·0	0	0	23	2	1	1	0	0	0	8	11	8
	1130	,,	1017·0	1002·4	...	71·1	60·8	52·2	13·4	53	...	2·4	...	4·8	0	0	27	3	0	3	2	0	0	8	11	4
	1730	,,	1014·0	999·5	...	71·3	62·0	54·6	14·6	57	...	2·8	...	1·5	0	0	17	2	0	3	3	0	0	3	6	14
	2330	,,	1016·2	1001·3	...	60·0	56·6	53·4	14·0	79	...	1·8	...	1·3	0	0	15	0	0	0	3	0	0	2	10	16
Berhampore	0830	62	1018·4	1016·1	+0·5	60·4	56·5	53·1	13·7	77	0	3·0	+1·2	1·7	0	0	21	7	2	2	1	2	4	3	0	10
	1730	,,	1014·0	1012·0	...	70·1	61·7	55·2	15·5	60	...	2·7	...	0·7	0	0	9	3	1	2	0	1	2	0	0	22
Malda	0830	103	1018·4	1014·6	+0·6	59·8	56·1	52·9	14·5	78	+6	2·7	+1·7	2·4	0	0	25	5	0	2	0	3	2	6	7	6
	1730	,,	1014·8	1011·1	...	68·5	60·4	53·7	14·4	60	...	2·5	...	1·9	0	0	23	8	1	1	0	0	1	3	9	8
Cooch Behar (R)	0830	145																								
(R)	1730	,,																								
Jalpaiguri	0830	271	1018·5	1008·1	+0·4	54·4	52·8	51·0	13·0	89	+3	2·6	+1·2	1·5	0	0	17	11	3	0	0	0	2	0	1	14
	1730	,,	1014·4	1004·7	...	69·4	60·5	53·2	13·9	58	...	1·6	...	1·7	0	0	19	1	1	3	2	4	5	3	0	12
Jalpaiguri (P. B. O.)	0530	,,	1016·3	1006·1	...	52·6	51·6	50·5	12·6	92	...	2·9	...	0·5	0	0	7	3	1	1	0	0	1	0	1	24
	1130	,,	1017·0	1007·3	...	69·0	60·1	53·0	13·6	58	...	2·9	...	2·8	0	0	27	1	4	10	1	7	2	0	2	4
	2330	,,	1016·3	1006·3	...	56·6	54·9	53·2	14·2	90	...	2·0	...	1·2	0	0	15	10	1	0	0	1	1	1	1	16
Bagdogra	0530	418	1016·1	1000·8	...	49·0	48·4	47·6	11·4	95	...	2·0	...	0·1	0	0	1	1	0	0	0	0	0	0	0	30
	0830	,,	1018·3	1003·2	...	59·2	55·8	52·8	13·6	80	...	3·0	...	1·3	0	0	12	2	4	2	0	1	0	1	2	19
	1130	,,	1016·7	1002·3	...	71·2	59·8	50·3	12·3	49	...	3·1	...	5·6	0	1	27	0	1	9	12	2	1	2	1	3
(R)	1730	,,	...																							
Orissa																										
Balasore	0830	65	1017·4	1015·1	−0·2	65·6	60·1	55·6	15·3	71	−1	2·3	+0·5	2·8	0	0	30	14	9	0	1	2	1	0	3	1
	1730	,,	1013·9	1011·6	...	71·5	64·5	59·5	17·5	67	...	2·0	...	2·4	0	0	25	0	4	2	10	7	2	0	0	6
Chandbali	0830	20	1017·7	1017·0	+0·1	69·1	63·8	58·7	17·6	70	−5	1·2	−0·6	2·6	0	0	29	7	7	1	0	2	0	3	9	2
	1730	,,	1014·3	1013·7	...	71·6	67·0	59·1	20·7	64	...	0·8	...	2·0	0	0	27	1	6	11	8	0	0	0	1	

(j) Mean of 21 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			Mean temperature in °F			Vapour pressure in mbs.	Relative humidity %.	Departure from normal.	Cloud amount (Oktas)		Mean wind speed, miles per hour.	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
rissa—*contd.*																										
Puri	0830	20	1017·3	1016·6	+0·2	69·3	63·3	60·1	17·2	73	−4	1·3	−0·5	7·0	0	2	29	17	8	0	2	1	1	0	2	0
	1730	,,	1014·2	1013·5	...	74·5	68·0	62·3	20·5	67	...	2·1	...	10·9	0	8	23	1	4	6	10	8	2	0	0	0
Bhubaneswar	0530	150	1015·4	1009·9	...	59·4	58·5	56·3	16·2	85	...	1·0	..	2·1	0	0	22	5	11	2	0	0	0	2	2	9
	0830	,,	1017·2	1011·7	...	68·8	62·9	58·4	16·9	71	...	1·5	..	4·9	0	1	29	5	14	2	2	0	0	1	6	1
	1130	,,	1015·9	1010·5	...	77·3	65·1	56·0	15·9	49	...	1·7	...	6·7	0	1	30	6	7	9	3	1	3	1	1	0
	1730	,,	1014·1	1008·9	...	75·0	64·6	57·3	16·0	55	...	1·9	...	5·2	0	0	30	1	11	7	2	4	2	0	3	1
	2330	,,	1015·3	1009·8	...	68·4	61·7	56·9	16·3	67	...	1·2	...	2·3	0	0	23	3	10	1	2	0	2	0	5	8
Cuttack	0830	87	1016·8	1013·7	−0·8	65·4	61·0	75·4	16·2	76	−2	1·8	−0·2	0·3	0	0	3	0	1	1	0	0	0	0	1	28
	1730	,,	1013·3	1010·3	...	77·3	65·9	58·1	16·5	53	...	1·5	...	0·1	0	0	1	0	1	0	0	0	0	0	0	30
Cuttack (P. B. O.)	0230	87	1014·8	1011·8	...	64·6	62·5	61·4	18·5	88	...	1·3	...	0·5	0	0	5	1	2	0	1	1	0	0	0	26
	0530	,,	1015·7	1012·7	...	62·6	60·8	59·5	17·2	90	...	1·7	...	0·5	0	0	7	0	4	0	0	1	0	0	2	24
	0830	,,	1017·8	1014·7	...	66·7	63·4	61·2	18·2	83	...	1·9	...	2·5	0	0	22	2	14	2	0	0	0	0	4	9
	1130	,,	1016·3	1013·4	...	76·9	66·6	59·9	17·4	57	...	2·2	...	3·3	0	0	27	2	12	6	1	3	0	0	3	4
	1730	,,	1013·9	1010·9	...	75·6	66·1	60·7	17·6	60	...	1·4	...	1·5	0	0	11	0	4	1	5	1	0	0	0	20
	2330	,,	1015·6	1012·6	...	66·6	63·7	61·8	18·7	85	...	1·2	...	0·4	0	0	5	0	2	0	2	1	0	0	0	26
Gopalpur	0530	56	1015·2	1013·2	...	64·5	62·1	60·3	17·7	86	...	1·7	...	3·8	0	0	29	15	0	1	0	0	0	0	13	2
	0830	,,	1017·4	1015·4	+0·3	69·8	64·5	61·1	18·1	74	0	1·5	+0·1	4·4	0	0	27	17	1	1	0	0	0	0	8	4
	1130	,,	1016·3	1014·3	...	78·2	67·7	60·8	18·5	56	...	1·7	...	6·0	0	0	31	2	7	11	7	4	0	0	0	0
	1730	,,	1014·1	1012·1	...	75·3	67·9	63·4	19·8	67	...	1·7	...	6·4	0	1	29	0	3	9	11	4	3	0	0	1
	2330	,,	1015·7	1013·7	...	69·8	65·5	62·5	19·6	78	...	1·3	...	3·9	0	0	28	10	0	1	0	6	2	3	6	3
Koraput	0830	2,996	905·3	914·8	...	62·2	56·4	52·4	13·0	71		1·3	...	4·1	0	0	31	4	0	0	0	27	0	0	0	0
	1730	,,	902·6	911·9	...	71·7	59·7	50·3	12·6	48	..	2·0	...	6·0	0	0	31	17	0	2	0	5	1	1	5	0
Angul	0830	455	1018·1	1001·9	+0·6	64·3	60·6	57·8	16·6	80	+7	2·5	+0·2	2·3	0	0	22	1	0	2	1	3	4	8	3	9
	1730	,,	1013·8	998·0	...	76·8	64·4	55·1	15·0	49	...	2·2	...	2·5	0	0	23	4	2	4	4	2	0	3	4	8
Sambalpur	0830	486	1016·4	999·1	−1·3	64·5	60·4	57·1	16·2	78	+7	2·3	+0·5	1·9	0	0	20	9	8	1	2	0	0	0	0	11
	1730	,,	1013·4	996·5	...	76·4	65·7	58·1	17·0	55	...	3·0	...	2·7	0	0	25	2	5	2	3	6	1	1	5	6
Jharsuguda	0230	726	1014·6	988·5	...	60·5	57·6	55·7	14·8	84	...	2·3	...	2·3	0	0	20	11	8	1	0	0	0	0	0	11
	0530	,,	1015·1	988·8	...	58·7	56·2	54·4	14·3	86	...	1·9	...	1·2	0	0	13	5	6	1	1	0	0	0	0	18
	0830	,,	1017·2	991·2	...	63·9	58·6	54·8	14·2	73	...	2·1	...	3·0	0	0	24	9	14	1	0	0	0	0	0	7
	1130	,,	1015·9	990·4	...	73·4	62·4	55·2	15·5	54	...	2·5	...	3·3	0	0	26	12	10	0	0	0	1	0	3	5
	1730	,,	1013·1	987·6	...	71·8	62·0	55·6	14·4	58	...	2·8	...	0·6	0	0	7	3	1	0	1	0	0	0	2	24
	2330	,,	1015·0	989·0	..	62·7	59·1	56·7	15·6	81	...	1·8	...	1·3	0	0	9	5	3	0	0	1	0	0	0	22
Titilagarh	0830	691	1016·9	992·4	...	65·8	60·6	56·3	16·0	72	...	2·2	...	1·5	0	0	18	5	6	1	3	3	0	0	0	13
	1730	,,	1012·5	988·7	...	78·2	64·8	55·5	14·8	49	...	2·2	...	0·3	0	0	4	2	2	0	0	0	0	0	0	27
Chhota Nagpur																										
Purulia (R)	0830	835																								
(R)	1730	,,																								
Jamshedpur	0830	423	1018·2	1003·0	+0·1	61·2	56·5	51·8	13·7	72	−2	2·2	+0·3	2·2	0	0	22	0	1	1	0	0	1	13	6	9
	1730	,,	1013·8	999·0	...	73·4	61·7	52·0	13·7	49	...	2·5	...	2·4	0	0	21	2	2	5	2	1	0	3	6	10
Jamshedpur (P. B. O.)	0530	477	1017·0	999·8	...	56·8	54·0	52·8	12·8	83	...	2·3	...	0·3	0	0	4	1	0	0	0	0	1	1	1	27
	0830	,,	1018·2	1001·2	...	63·3	57·4	53·8	13·4	69	...	1·7	...	2·1	0	0	15	2	2	1	0	0	1	4	5	16
	1130	,,	1016·7	999·9	...	70·8	60·1	53·2	13·2	55	...	2·4	...	4·5	0	0	24	3	5	2	0	1	5	4	4	7
	1730	,,	1014·1	997·4	...	72·0	61·0	54·4	13·4	56	...	2·5	...	2·8	0	0	16	7	3	1	0	1	3	1	0	15
	2330	,,	1016·1	999·1	...	62·4	57·9	54·9	14·3	76	...	2·6	...	1·5	0	0	10	2·	2	3	0	0	1	1	1	21
Chaibasa	0830	742	1018·0	991·6	+0.4	62·0	56·8	51·2	13·6	69	−7	2·6	+0·6	0·8	0	0	11	0	5	0	1	0	5	0	0	20
	1730	,,	1013·3	987·7	...	73·6	62·1	52·7	13·9	50	...	3·1	...	0·8	0	0	11	1	4	0	0	2	4	0	0	20
Ranchi	0830	2,150	903·5	942·9	+0·4	59·1	52·6	46·7	11·0	64	+5	2·1	0	0·7	0	0	8	3	0	1	0	1	1	1	1	23
	1730	,,	901·3	940·0	...	65·8	56·2	47·8	11·7	54	...	2·3	...	0·1	0	0	1	0	0	0	0	0	0	1	0	30
Hazaribagh (R)	0830	2,006																								
(R)	1730	,,																								
Hazaribagh (C. W.)	0530	2,008	900·6	945·8	...	51·0	48·3	45·5	10·6	2	...	1·9	..	2·1	0	0	12	1	2	0	0	0	1	3	5	19
	0830	,,	903·3	947·9	...	59·5	53·0	47·2	11·2	65	...	2·3	...	3·9	0	0	22	4	3	0	2	5	2	3	3	9
	1130	,,	903·3	947·1	...	67·9	57·1	47·9	11·4	50	...	2·8	...	5·6	0	1	29	7	0	0	1	4	1	7	10	1
	1730	,,	900·9	945·0	...	62·8	55·6	49·3	12·4	63	...	2·3	...	2·0	0	0	18	3	2	0	1	1	1	3	7	13
	2330	,,	901·2	946·2	...	53·6	50·2	46·6	10·9	78	...	1·9	...	1·1	0	0	11	4	1	0	0	1	0	2	3	20
Daltonganj	0830	725	1018·8	992·7	+0·2	58·8	54·3	49·6	12·4	72	−8	3·0	+1·4	1·7	0	0	20	1	0	6	3	0	c	8	2	11
	1730	,,	1014·4	989·0	...	69·5	60·3	51·8	13·9	55	...	3·2	...	1·7	0	0	18	1	3	4	0	0		0	0	13

(R) Register not received.

TABLE III—SUMMARY OF OBSERVATIONS AT FIXED HOURS—JANUARY 1953.

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 miles per hour.	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
Bihar																										
Purnea	0830	124	1018·4	1013·9	+0·4	57·3	54·8	52·6	13·5	85	0	2·9	+1·5	2·1	0	0	24	0	4	3	1	0	12	3	1	7
	1730	,,	1014·5	1010·1	...	64·3	59·9	56·8	15·5	77	...	2·1	...	0·5	0	0	6	0	0	1	0	0	2	3	0	25
Forbesgunj	0830	199	...	...	...	...	...	...	...	...	...	2·7	...	2·2	0	0	31	0	0	16	0	0	0	15	0	0
	1730	,,	...	...	...	...	...	...	...	...	...	2·1	...	2·0	0	0	31	0	0	9	0	0	0	22	0	0
Darbhanga	0830	161	1018·5	1012·6	+0·5	56·0	54·9	53·8	14·3	93	+11	3·1	+1·5	1·3	0	0	15	0	1	4	0	0	2	7	1	16
	1730	,,	1015·0	1009·2	...	66·3	61·3	57·3	16·3	74	...	2·5	...	0·2	0	0	3	0	1	0	1	0	1	0	0	28
Motihari (R)	0830	218																								
(R)	1730	,,																								
Patna	0830	173	1018·4	1012·1	+0·2	59·7	54·9	50·1	12·9	72	+1	3·1	+1·4	3·2	0	0	26	0	5	1	2	2	6	9	1	5
	1730	,,	1015·0	1008·8	...	67·5	59·0	51·7	13·2	58	...	2·6	...	2·5	0	0	27	0	6	0	3	0	1	14	3	4
Patna (Aerodrome)	0530	196	1016·1	1008·9	...	51·2	49·9	48·6	11·5	90	...	2·1	...	1·9	0	0	14	1	0	1	0	3	2	6	1	17
	0830	,,	1018·0	1010·9	...	57·6	53·8	50·1	12·3	77	...	3·2	...	3·9	0	0	23	0	1	4	1	0	7	10	0	8
	1130	,,	1017·2	1010·3	...	68·1	58·6	50·4	12·7	54	...	2·8	...	6·3	0	4	26	2	2	4	2	2	4	10	4	1
	1730	,,	1014·6	1007·7	...	66·5	58·6	51·9	13·2	59	...	2·6	...	2·5	0	0	20	2	2	2	0	1	1	5	7	11
Dehri	0830	352	1018·0	1005·6	...	59·4	55·0	50·9	12·7	74	...	2·9	...	2·5	0	0	30	0	1	1	5	1	17	1	4	1
	1730	,,	1014·2	1001·7	...	69·4	59·0	49·3	17·8	51	...	3·0	...	2·6	0	0	30	4	8	0	1	0	0	1	16	1
Gaya	0230	365	1015·8	1000·6	...	55·3	52·0	48·6	11·5	79	...	2·5	...	2·0	0	0	20	0	2	3	7	2	2	3	1	11
	0530	,,	1016·1	1002·7	...	53·2	50·8	48·1	11·5	83	...	2·7	...	1·4	0	0	16	0	0	2	7	4	0	1	2	15
	0830	,,	1018·0	1004·9	0	58·8	53·9	49·1	11·9	71	+8	3·2	+1·5	3·3	0	0	28	0	0	3	6	11	4	3	1	3
	1130	,,	1017·1	1004·2	...	69·8	58·4	47·7	11·5	47	...	3·1	...	5·7	0	3	23	0	2	2	2	2	4	7	7	5
	1730	,,	1014·5	1001·7	...	68·0	58·0	48·7	12·0	52	...	2·6	...	3·1	0	0	26	5	2	0	1	0	0	8	10	5
	2330	,,	1016·0	1003·0	...	57·7	53·6	49·2	12·3	74	...	2·6	...	1·2	0	0	12	0	0	4	4	2	0	2	0	19
Jamui	0830	270	1018·1	1008·2	...	57·6	55·0	52·4	13·7	84	...	3·5	...	2·5	0	0	23	0	0	9	5	0	0	0	9	8
	1730	,,	1015·1	1005·4	...	66·6	60·4	55·5	15·4	68	...	2·4	...	2·1	0	0	20	0	0	2	1	0	0	0	17	11
Dumka (R)	0830	489																								
(R)	1730	,,																								
Sabour	0830	122	1018·4	1013·9	+0.2	58·2	55·5	52·8	16·0	83	+1	2·8	+1·0	2·4	0	0	24	0	0	5	2	0	12	4	1	7
	1730	,,	1014·6	1010·2	...	66·3	60·5	55·5	15·2	70	...	2·5	...	1·4	0	0	15	0	0	1	1	0	1	5	7	16
Bhagalpur	0530	181	1017·0	1010·4	...	54·6	52·9	51·3	13·1	89	...	2·2	...	2·0	0	0	17	0	0	2	0	5	4	5	1	14
	0830	,,	1019·5	1012·8	...	60·3	55·9	51·7	13·2	74	...	2·9	...	2·2	0	0	17	0	0	3	0	0	1	13	0	14
	1130	,,	1018·4	1011·8	...	67·6	59·8	53·6	13·9	61	...	3·0	...	4·1	0	1	23	2	0	4	0	0	2	13	3	7
	1730	,,	1015·9	1009·3	...	66·7	59·9	54·5	14·3	66	...	2·3	...	3·2	0	0	24	1	0	4	0	0	5	12	2	7
	2330	,,	1017·2	1010·6	...	58·7	55·6	52·6	13·8	81	...	1·3	...	2·0	0	0	17	0	0	4	0	2	5	6	0	14
U. P., East																										
Gonda	0830	360	1018·7	1005·4	...	52·3	50·7	49·1	12·0	85	+5	2·5	+0·2	1·4	0	0	17	1	2	3	0	0	0	7	4	14
	1730	,,	1015·4	1002·6	...	64·7	56·8	50·8	12·1	62	...	2·2	...	0·5	0	0	5	0	0	2	0	0	0	1	2	26
Gorakhpur	0830	254	1017·8	1008·5	+0·1	56·5	53·9	51·2	13·0	82	+3	2·0	+0·6	1·7	0	0	26	0	2	7	1	0	1	13	2	5
	1730	,,	1014·8	1005·9	...	66·6	60·7	56·7	15·3	69	...	2·1	...	1·9	0	0	30	1	3	2	0	3	4	15	2	1
Gorakhpur (P.B. O.)	0230	257	1016·0	1006·6	...	53·5	51·6	49·3	12·1	87	...	2·3	...	2·8	0	1	17	3	1	0	0	0	4	8	2	13
	0530	,,	1015·6	1006·2	...	52·7	51·0	49·4	12·1	89	...	3·2	...	3·3	0	1	20	2	1	1	2	2	4	8	1	10
	1130	,,	1017·2	1008·0	...	65·8	58·3	51·9	13·2	62	...	3·3	...	4·2	0	0	28	1	3	1	1	7	5	9	1	3
	2330	,,	1016·4	1007·1	...	55·5	53·7	51·8	13·3	88	...	1·1	...	2·3	0	0	17	0	2	0	0	1	6	6	2	14
Azamgarh	0830	255	1018·0	1008·8	...	55·7	52·9	50·0	12·5	82	...	2·1	...	0·8	0	0	11	1	0	2	1	0	0	7	0	20
	1730	,,	1014·5	1005·9	...	67·1	59·6	53·5	14·1	62	...	1·2	...	0·6	0	0	6	1	3	0	1	0	1	0	0	25
Banaras	0830	250	1018·1	1009·0	+0·1	54·1	52·4	48·1	12·6	84	+6	2·5	+0·9	4·9	0	0	30	1	0	8	0	5	13	3	0	1
	1730	,,	1014·8	1005·6	...	66·2	59·5	50·8	14·3	53	...	2·2	...	4·1	0	0	31	8	2	2	0	0	2	16	1	0
Banaras (Babatpur Aerodrome)	0530	280	1016·5	1006·2	...	49·2	48·3	47·1	11·0	91	...	2·7	...	3·4	0	0	25	0	4	3	0	4	7	4	3	6
	0830	,,	1018·5	1008·3	...	57·8	54·0	50·0	12·6	75	...	2·6	...	4·8	0	0	27	0	1	5	1	0	7	11	2	4
	1130	,,	1017·9	1007·9	...	68·0	58·0	49·1	12·0	52	...	2·5	...	6·1	0	1	29	0	3	7	1	1	2	10	6	1
	1730	,,	1015·1	1005·1	...	67·8	58·3	49·6	12·3	53	...	2·7	...	4·5	0	0	31	2	5	3	0	0	4	8	9	0
	2330	,,	1016·8	1006·5	...	54·0	51·4	48·6	12·3	82	...	1·8	...	3·2	0	0	25	2	3	4	0	0	4	9	3	6
Allahabad (Bamrauli) (R)	0230	322																								
	0530	,,	1016·4	1004·6	...	51·7	49·7	47·7	11·3	86	...	2·4	...	3·0	0	1	23	4	3	2	1	0	3	7	4	7
	0830	,,	1018·5	1006·7	+0·2	55·9	52·3	48·7	11·7	77	−3	3·2	+0·9	3·5	0	0	30	1	2	4	3	3	8	8	1	1
	1130	,,	1017·8	1006·4	...	68·2	58·4	49·5	12·3	53	...	2·3	...	5·9	0	2	29	4	2	4	6	1	0	8	6	0
	1730	,,	1015·0	1003·6	...	68·4	58·9	50·4	12·7	54	...	2·5	...	4·4	0	0	30	5	5	4	0	1	0	5	10	1
	2330	,,	1016·8	1005·1	...	56·0	52·6	49·0	12·0	78	...	0·9	...	3·2	0	0	25	1	5	3	0	1	9	4	2	6
Fatehpur	0830	375	1018·1	1004·7	...	54·0	51·4	48·6	11·8	83	+14	3·5	+1·6	1·2	0	0	12	1	1	2	0	0	0	3	5	19
	1730	,,	1015·2	1002·0	...	68·0	58·5	48·8	12·5	52	...	2·9	...	1·2	0	0	9	2	1	1	0	0	0	0	5	22

(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, miles per hour.	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
P., East—*contd.*																										
Banda	0830	398	1018·1	1004·4	...	55·9	52·1	48·0	11·5	76	...	1·1	...	0·6	0	0	8	0	1	2	1	0	0	4	0	23
	1730	,,	1015·3	1001·2	...	69·5	59·2	49·2	12·6	51	...	1·1	...	1·2	0	0	11	1	1	3	1	0	0	4	1	20
Orai	0830	463	1018·7	1001·8	...	54·1	51·0	44·4	11·3	80	...	2·9	...	2·8	0	1	24	4	4	1	2	0	2	8	4	6
	1730	,,	1016·7	1000·1	...	68·2	58·8	50·0	12·7	55	...	2·2	...	5·1	0	1	30	9	3	6	0	0	0	1	12	0
Kanpur	0830	419	1018 7	1003·6	+0·7	52·8	51·0	48·8	12·0	86	+8	2·5	+1·2	3·6	0	0	20	2	1	2	3	0	1	7	4	11
	1730	,,	1015·6	1000·9	...	66·0	57·2	48·6	12·1	55	...	2·2	...	4·9	0	0	30	2	4	3	0	0	0	11	10	1
Lucknow (R)	0830	371																								
(R)	1730	,,																								
Lucknow (Amousi Aerodrome)	0530	419	1016·4	1001·1	...	48·0	47·0	44·0	10·5	93	...	2·0	...	2·1	0	0	13	0	2	1	0	0	0	4	6	17
	0830	,,	(a) 1018·3	(a) 1003·0	...	(a) 52·0	(a) 50·5	(a) 48·8	(a) 11·8	(a) 89	...	(a) 2·9	...	(a) 2·8	0	0	19	0	3	1	1	1	2	4	7	12
	1130	,,	1018·2	1003·4	...	65·4	57·2	49·9	12·3	59	...	2·9	...	5·9	0	1	29	1	6	1	1	0	3	4	14	1
	1730	,,	1015·4	1000·5	...	65·2	57·3	50·3	12·3	60	...	2·6	...	2·5	0	0	19	0	4	0	0	0	0	3	12	12
Hardoi	0830	467	1018·3	1001·2	...	51·5	49·8	48·5	11·4	90	...	3·3	...	2·1	0	0	24	3	1	1	2	0	2	10	5	7
	1730	,,	1015·2	998·6	...	65·5	57·3	49·6	12·4	58	...	2·1	...	2·7	0	0	28	3	1	1	2	1	1	13	6	3
Lakhimpur Kheri	0830	483	1018·2	1000·9	...	52·6	49·9	46·7	10·9	81	...	2·7	...	1·8	0	0	21	1	0	2	1	0	2	8	7	10
	1730	,,	1014·8	998·0	...	64·1	56·9	50·7	12·5	62	...	2·4	...	0·8	0	0	11	1	0	1	0	0	0	7	2	20
Lahraich	0830	407	1018·1	1003·2	+0·5	53·3	51·2	49·0	12·0	86	+5	3·1	+1·6	1·8	0	0	22	2	1	2	2	0	1	6	8	9
	1730	,,	1014·7	1000·0	...	66·3	57·9	50·6	12·6	59	...	2·5	...	1·6	0	0	20	0	1	3	2	0	5	6	3	11
P., West																										
Hansi	0830	823	1019·6	989·8	+0·8	55·6	51·8	42·2	11·5	75	+13	2·1	+0·4	1·4	0	0	11	3	1	2	0	0	0	4	1	20
	1730	,,	1014·9	985·9	...	68·5	57·4	45·4	11·3	46	...	1·8	...	0·6	0	0	5	0	0	0	0	0	1	1	2	27
Agra	0830	553	1019·1	998·8	+0·6	50·7	49·1	46·6	11·1	86	+22	1·9	−0·3	0	0	0	0	0	0	0	0	0	0	0	0	31
	1730	,,	1016·0	996·3	...	67·0	56·8	48·0	11·2	54	...	1·3	...	0·3	0	0	5	0	2	0	1	0	1	0	1	26
Mainpuri	0830	516	1018·9	1000·3	+0·9	52·5	50·5	48·3	11·7	86	+13	3·1	+0·9	1·3	0	0	15	0	0	0	1	0	2	7	5	16
	1730	,,	1015·9	997·5	...	67·3	57·7	51·1	12·2	61	...	2·0	...	1·0	0	0	12	0	0	0	1	0	1	6	4	19
Aligarh	0530	615	1017·3	995·0	...	48·0	47·0	45·7	10·5	92	...	2·5	...	1·1	0	0	7	0	1	0	0	0	1	5	0	24
	0830	,,	1018·9	997·2	...	49·5	48·0	43·4	10·7	88	+25	3·0	+1·5	1·3	0	0	11	0	0	1	0	0	0	10	0	20
	1130	,,	1019·2	997·2	...	63·3	55·9	49·0	11·9	61	...	3·0	...	6·6	0	2	26	0	2	2	4	0	3	8	9	3
	1730	,,	1015·8	994·1	...	64·8	58·2	51·6	13·6	63	...	2·2	...	1·1	0	0	11	1	0	2	1	0	0	4	3	20
	2330	,,	1017·8	995·4	...	52·6	50·6	48·3	11·7	86	...	1·2	...	1·5	0	0	10	1	1	1	0	0	2	4	1	21
Bareilly	0830	568	1018·2	997·5	+0·4	52·3	49·4	46·3	10·7	81	0	3·0	+0·7	1·4	0	0	16	1	0	2	1	2	1	6	3	15
	1730	,,	1014·8	994·7	...	64·9	55·9	47·1	11·2	54	...	3·0	...	1·5	0	0	12	1	0	3	0	0	0	6	2	19
Bareilly (P. B. O.)	0230	565	1016·4	995·7	...	53·0	51·3	49·5	12·1	91	...	2·1	...	2·5	0	0	23	1	3	4	0	0	1	7	7	8
	0530	,,	1016·3	995·5	...	50·7	49·4	48·1	11·4	91	...	1·9	...	2·1	0	0	21	0	2	5	1	0	0	10	3	10
	1130	,,	1018·1	997·8	...	62·9	55·3	49·0	11·5	62	...	2·8	...	3·8	0	0	28	2	3	2	4	1	0	9	8	2
	2330	,,	1016·6	996·2	...	54·7	52·5	50·5	12·5	87	...	1·5	...	1·6	0	0	16	0	0	2	1	0	0	7	6	15
Meerut	0830	728	1019·0	992·4	+1·4	51·7	48·5	45·0	10·2	79	+2	1·8	−0·7	1·7	0	0	24	1	3	4	0	0	0	6	10	7
Najibabad	0830	885	1018·6	986·3	...	48·5	47·1	45·3	10·3	89	...	2·5	...	2·1	0	0	28	1	4	0	7	0	0	0	16	3
	1730	,,	1016·3	984·9	...	62·9	51·8	47·1	8·3	56	...	1·9	...	1·8	0	0	23	0	0	0	3	0	4	0	16	8
Roorkee	0830	899	1018·7	985·7	+0·3	48·6	47·4	45·9	10·6	91	+8	3·1	+0·5	1·2	0	0	19	1	1	0	3	0	0	0	14	12
	1730	,,	1015·5	983·7	...	62·9	55·3	47·8	11·4	59	...	3·3	...	1·4	0	0	21	0	0	0	3	0	0	0	18	10
Dehra Dun	0530	2,239	(a) 900·8	(a) 937·7	...	45·4	43·5	41·4	8·6	87	...	1·8	...	1·5	0	0	14	8	5	1	0	0	0	0	0	17
	0830	,,	902·5	939·1	+0·7	47·6	45·1	42·2	9·3	82	−9	2·6	−0·8	1·3	0	0	20	8	6	0	1	0	1	3	1	11
	1130	,,	903·9	939·9	...	58·7	50·6	42·2	9·5	56	...	3·5	...	1·9	0	0	25	1	1	1	3	9	7	3	0	6
	1730	,,	901·5	937·8	...	58·4	51·8	44·2	10·1	66	...	3·3	...	1·3	0	0	18	0	0	1	2	2	5	8	0	13
	2330	,,	902·2	938·8	...	48·6	46·4	44·1	10·0	85	...	2·2	...	1·2	0	0	17	11	5	0	0	1	0	0	0	14
Punjab (I)																										
New Delhi	0230	710	1017·4	991·4	...	50·2	47·5	44·4	9·9	81	...	1·5	...	3·5	0	1	19	2	2	1	0	0	2	6	7	11
	0530	,,	1017·1	991·0	...	48·6	46·4	43·8	10·1	84	...	2·5	...	3·3	0	0	19	4	0	0	1	1	2	7	4	12
	0830	,,	1018·9	992·8	+0·4	49·6	46·9	43·5	9·9	80	+1.5	2·9	+0·3	4·7	0	0	27	1	1	1	1	2	2	14	5	4
	1130	,,	1018 6	993·3	...	62·4	53·7	44·5	10·0	54	...	3·0	...	6·3	0	1	28	1	1	2	3	1	1	7	13	2
	1730	,,	1015·8	990·5	...	64·6	54·6	44·0	10·3	49	...	2·5	...	6·1	0	2	27	3	0	7	1	0	0	2	16	2
	2330	,,	1017·7	991·8	...	52·3	49·1	45·5	10·5	78	...	1·5	...	2·8	0	0	16	2	0	1	0	0	2	7	4	15
Hissar	0830	725	1019·6	992·9	+0·6	46·8	42·9	37 4	7·7	69	0	1·8	-0.4	1·9	0	0	24	2	2	2	3	2	8	2	3	7
	1730	,,	1015·9	990·3	...	66·7	54·8	43·6	9·4	42	...	1·1	...	2·6	0	0	24	8	2	1	1	0	1	2	9	7
Karnal	0830	818	1018·5	989·1	...	47·0	45·3	43·3	9·5	90	...	2·9	...	0·1	0	0	1	0	0	0	0	0	0	1	0	30
	1730	,,	1016·0	986·8	...	63·7	53·4	43·3	9·3	50	...	2·4	...	0·4	0	0	5	0	0	0	2	0	0	1	2	26
Ambala	0830	892	1018·2	985·6	0	48·1	46·1	44·0	9·7	85	+10	3·4	+0·6	2·3	0	0	24	6	2	5	3	0	0	2	6	7
	1730	,,	1015·5	984·0	...	63·5	54·5	46·4	10·2	55	...	2·5	...	2·3	0	0	23	0	1	1	3	0	1	1	16	8

(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 %	Departure from normal.	Cloud amount (Oktas).		Mean wind speed miles per hour.	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
Punjab (I)—*contd.*																										
Ambala (P. B. O.)	0230	906	1017·1	984·3	...	52·7	49·1	45·8	10·5	78	...	2·7	...	4·3	0	1	22	5	0	1	3	0	0	1	13	8
	0530	"	1016·7	983·8	...	50·9	47·9	44·8	10·1	80	...	2·9	...	3·5	0	1	21	3	0	1	2	0	1	1	14	9
	1130	"	1018·6	986·1	...	59·0	52·3	46·6	10·6	65	...	3·4	...	5·1	0	1	27	3	0	4	4	1	1	4	11	3
	2330	"	1017·4	984·7	...	54·5	50·5	46·5	11·0	74	...	2·1	...	4·1	0	0	24	2	0	2	1	0	0	5	14	7
Patiala	0830	822	1018·7	988·6	...	49·5	46·9	43·7	9·8	81	...	3·5	...	2·4	0	0	23	3	2	1	3	1	0	1	12	8
	1730	"	1015·9	986·9	...	62·9	53·5	43·5	9·7	46	...	3·6	...	3·7	0	0	28	18	2	3	0	0	0	0	5	3
Ludhiana	0830	810	1019·0	989·2	+0·5	47·1	45·3	44·1	8·7	90	+11	2·3	−0·4	0·1	0	0	1	0	0	0	1	0	0	0	0	30
	1730	"	1016·2	987·3	...	63·0	55·1	47·4	11·2	59	...	4·1	...	0·6	0	0	8	0	2	0	0	0	1	2	3	23
Ferozepur	0830	657	1019·0	995·2	...	44·2	42·7	40·5	8·7	87	...	3·1	...	0·4	0	0	3	1	2	0	0	0	0	0	0	28
	1730	"	1016·3	992·9	...	63·1	53·6	44·5	9·8	49	...	2·8	...	1·1	0	0	6	4	2	0	0	0	0	0	0	25
Amritsar	0530	774	1018·1	989·4	...	42·8	42·0	41·1	8·8	94	...	3·0	...	3·5	0	0	24	1	2	3	1	0	3	7	7	27
	0830	"	1019·4	990·7	...	43·9	42·8	41·6	8·8	91	...	3·5	...	3·4	0	0	23	5	1	1	1	3	0	5	7	8
	1130	"	1019·6	991·7	...	58·3	51·8	44·9	10·1	60	...	3·3	...	6·3	0	1	29	5	2	2	0	3	3	4	11	1
	1730	"	1016·9	989·2	...	60·9	52·8	44·4	10·2	57	...	2·9	...	5·7	0	0	30	3	0	2	1	0	2	7	15	1
Pathankot	0830	1,128	1019·1	977·9	...	47·3	45·1	42·4	9·3	83	...	3·4	...	1·5	0	0	22	0	7	12	1	1	0	1	0	9
	1730	"	1016·9	976·9	...	60·6	52·9	45·4	10·2	59	...	5·2	...	1·9	0	0	25	1	2	1	1	0	3	13	4	6
Jammu & Kashmir																										
Srinagar	0830	5205	801·1	846·4	+0·8	29·3	28·0	26·0	4·6	86	0	7·9	+1·3	2·1	0	0	16	0	0	0	1	0	1	1	13	15
	1130		802·0	847·1	...	32·8	30·6	27·2	5·0	79	...	7·3	...	2·5	0	0	19	2	1	0	5	0	1	0	10	12
	1730		800·4	845·2	...	34·2	31·6	27·5	5·2	77	...	6·5	...	3·1	0	0	24	1	1	0	6	3	1	0	12	7
Gulmarg	0830	8,709							Closed during winter months																	
Dras (R)	0830	10,059	...	...	...	...	...	...	...	...	...	5·1	...	0·1	0	0	1	0	0	0	1	0	0	0	0	30
	1730	"																								
Kargil (R)	0830	8,790																								
Leh*	0530	11,529	709·8	664·6	...	9·4	6·9	−0·1	1·1	52	...	3·4	...	1·7	0	0	13	0	13	0	0	0	0	0	0	16
	0830	"	710·2	665·0	+0·3	11·5	8·3	−3·1	1·1	47	−12	5·2	−0·2	0·6	0	0	5	0	2	1	0	0	2	0	0	26
	1730	"	707·4	663·2	...	20·3	17·5	5·5	2·4	48	...	4·7	...	3·9	0	0	22	1	1	0	2	5	11	1	1	9
Skardu (R)	0830	7,505																								
(R)	1730	"																								
Gilgit (R)	0830	4,890																								
(R)	1730	"																								
Misgar (R)	0830	10,190																								
(R)	1730	"																								
Jammu (R)	0830	1,200																								
Rajasthan, West																										
Sri Ganganagar	0830	580	1019·4	997·7	...	46·2	43·2	39·5	8·2	77	+2	2·2	−1·0	2·6	0	0	27	0	4	3	4	3	5	3	5	4
	1730	"	1016·4	995·3	...	65·5	53·1	39·5	8·3	41	...	1·4	...	2·1	0	0	27	4	6	2	1	0	3	2	9	4
Bikaner	0830	734	1018·8	993·2	+1·5	48·4	44·9	40·7	8·6	78	+13	2·2	0	1·0	0	0	13	1	2	0	6	0	2	0	2	18
	1730	"	1015·3	989·4	...	70·1	58·0	46·1	11·1	45	...	1·2	...	3·1	0	0	28	1	14	0	5	0	1	0	7	3
Bikaner (P.B.O.)	0530	735	1017·7	990·6	...	47·1	45·0	42·1	9·3	84	...	1·9	...	0·6	0	0	5	1	0	1	0	2	1	0	0	26
	1130	"	1019·0	992·8	...	65·1	56·9	49·1	12·0	59	...	2·0	...	3·1	0	0	25	0	5	4	3	7	5	0	1	6
	2330	"	1018·1	991·1	...	54·1	49·8	43·1	10·2	69	...	0·9	...	1·2	0	0	9	4	0	2	0	2	0	0	1	22
Jaisalmer	0830	793	1018·3	989·3	...	52·3	47·4	41·0	9·0	65	...	0·5	...	5·2	0	3	21	1	13	0	3	1	4	1	1	7
	1730	"	1014·4	986·9	...	72·1	60·5	50·3	12·8	47	...	1·3	...	10·1	0	11	18	2	15	0	1	2	5	0	4	2
Jodhpur	0230	736	1017·0	990·3	...	56·3	48·8	39·1	8·4	56	...	1·0	...	5·9	0	1	27	4	17	2	1	0	1	2	1	3
	0530	"	1016·8	990·1	...	53·4	47·5	39·6	8·5	61	...	1·3	...	6·1	0	0	30	6	21	1	0	0	0	1	1	1
	0830	"	1018·8	992·0	+2.0	53·1	47·2	39·4	8·3	62	+15	1·9	−0·5	5·2	0	0	27	1	24	1	0	0	0	1	0	4
	1130	"	1018·7	992·6	...	67·5	56·0	43·6	9·2	45	...	1·3	...	4·7	0	0	24	0	14	5	2	0	1	2	0	1
	1730	"	1014·9	987·9	...	73·2	57·2	39·7	8·8	32	...	1·7	...	5·6	0	0	28	4	5	6	3	1	4	2	3	1
	2330	"	1017·1	990·8	...	59·9	50·9	39·4	8·7	49	...	1·1	...	5·9	0	1	27	6	14	3	1	0	1	2	1	1
Phalodi	0830	756	1018·2	991·3	...	50·5	45·7	39·1	8·4	66	...	1·1	...	4·6	0	0	28	7	2	2	9	4	1	3	0	1
	1730	"	1015·2	988·4	...	72·2	57·2	42·5	9·3	34	...	1·6	...	7·0	0	5	20	6	5	2	0	2	3	3	4	1
Barmer	0530	638	1016·3	993·0	...	55·8	50·9	44·5	10·4	70	...	1·0	...	3·8	0	0	26	1	1	0	0	1	1	2	20	1
	0830	"	1018·1	995·0	+0·5	54·9	50·5	45·4	10·5	73	+22	1·4	−0·7	2·6	0	0	22	1	0	0	0	1	0	1	19	1
	1130	"	1018·3	995·7	...	68·5	60·3	53·1	14·2	60	...	1·6	...	3·1	0	0	24	6	9	2	1	3	1	0	2	
	1730	"	1014.4	992·1	...	74·9	64·6	57·0	16·3	54	...	1·9	...	2·4	0	0	22	4	5	0	1	1	4	2	5	1
	2330	"	1016·5	993·7	...	62·3	55·1	46·5	11·5	61	...	1·0	...	1·9	0	0	21	3	1	0	0	1	2	2	12	1

*Observations for 29 days only. (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 miles per hour	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
sthan, East.																										
ar	0830	1,418	1019·2	968·0	...	50·1	45·9	43·3	8·7	83	...	2·3	...	1·4	0	0	16	0	1	3	8	2	0	1	1	15
	1730	"	1015·4	965·9	...	66·4	57·8	51·7	12·4	57	...	2·7	...	1·7	0	0	25	7	3	2	1	1	1	5	5	6
pur	0830	1,431	1019·2	967·9	+0·2	53·7	49·7	44·9	10·4	74	+18	2·2	0	2·2	0	0	22	5	3	8	3	0	2	1	0	9
	1130	"	1018·5	968·3	...	64·8	55·3	45·6	10·8	52	...	1·9	...	4·8	0	0	27	2	3	5	7	2	4	11	3	4
	1730	"	1015·1	965·3	...	67·3	56·3	45·2	10·5	47	...	2·3	...	3·0	0	0	24	3	1	2	0	6	1	5	6	7
ır (Sanganer Aerodrome)	0230	1,282	1017·0	970·8	...	52·4	48·4	43·5	9·8	74	...	1·7	...	3·0	0	0	22	6	4	4	2	0	0	1	5	9
	0530	"	1017·0	970·3	...	50·6	46·9	42·4	9·3	79	...	2·0	...	3·3	0	0	24	6	3	5	0	1	0	0	9	7
	0830	"	1018·7	972·5	...	52·9	49·1	44·1	10·1	75	...	2·5	...	1·9	0	0	17	2	1	8	1	1	0	0	4	14
	1130	"	1018·4	973·2	...	63·2	53·5	42·0	9·7	49	...	2·3	...	4·1	0	0	29	3	0	11	4	1	1	5	4	2
	1730	"	1014·9	970·0	...	66·3	54·2	40·1	8·9	42	...	2·5	...	4·6	0	0	17	0	2	2	6	4	1	2	9	5
	2330	"	1017·2	971·2	...	54·3	49·9	44·8	10·3	71	...	1·6	...	2·8	0	0	23	2	7	5	1	1	0	1	6	8
ıer	0830	1,593	1019·7	962·4	+0·4	50·2	46·8	43·1	9·4	78	+22	1·9	0	1·2	0	0	13	2	0	3	1	1	0	3	3	18
	1730	"	1015·2	959·8	...	65·9	53·8	41·1	8·8	43	...	1·6	...	3·0	0	1	24	2	3	4	4	2	2	5	3	6
ah	0530	843	1016·7	986·3	...	54·4	50·8	46·8	10·9	77	...	1·6	...	0·5	0	0	7	0	0	0	0	0	1	2	4	24
	0830	"	1018·9	988·3	+0·2	54·5	51·3	47·0	11·7	76	+19	2·2	−0·5	0·9	0	0	10	1	1	0	1	0	2	2	3	21
	1130	"	1018·2	988·3	...	66·9	55·1	46·3	9·6	51	...	2·2	...	1·2	0	0	11	1	2	2	1	1	0	2	2	20
	1730	"	1015·0	985·0	..	70·8	57·8	44·8	10·6	43	..	1·8	..	2·7	0	0	24	4	6	2	0	0	0	4	8	7
	2330	"	1017·1	986·9	...	66·2	54·1	47·8	11·6	65	..	1·7	...	0·9	0	0	7	1	0	1	1	0	1	1	2	24
lawar (R)	0830	1,053																								
(R)	1730	"																								
ıipur	0230	1,910	901·0	949·9	...	52·5	49·0	45·3	10·3	78	...	1·9	...	0·7	0	0	5	1	0	0	0	0	0	1	3	26
	0530	"	900·8	949·6	...	50·3	47·6	44·6	10·0	82	...	1·6	...	0·8	0	0	6	0	1	0	0	0	0	1	4	25
	0830	"	902·1	951·1	+0·6	52·7	49·2	45·5	10·4	77	+23	1·3	−0·1	0·7	0	0	18	1	0	0	0	0	0	0	7	23
	1130	"	904·1	951·8	...	66·2	55·5	45·1	10·2	50	...	1·4	...	2·6	0	0	21	3	3	6	3	2	1	1	2	10
	1730	"	901·4	948·7	...	68·7	57·0	46·7	11·8	49	...	2·1	...	3·1	0	0	24	1	8	5	3	0	2	4	1	7
	2330	"	901·7	950·5	...	56·4	50·6	46·5	10·0	75	...	1·0	...	0·8	0	0	8	3	0	0	0	0	1	1	3	23
ya Bharat																										
alior (P. B. Q.)	0230	688	1016·9	991·9	...	51·4	49·5	47·4	11·2	87	...	1·9	...	1·2	0	0	11	5	0	0	0	2	1	0	3	20
	0530	"	1016·9	991·8	...	50·3	48·5	46·4	10·8	87	..	2·2	...	1·7	0	0	13	2	1	1	0	2	1	0	6	18
	0830	"	1018·7	993·8	+0·5	54·5	51·2	47·9	11·3	81	+9	3·4	+0·9	2·1	0	0	18	5	1	0	0	0	5	1	6	13
	1130	"	1018·5	994·1	...	64·9	55·8	46·6	11·1	55	...	2·9	...	4·9	0	0	30	6	6	3	2	5	2	0	6	1
	1730	"	1015·5	991·2	...	66·8	56·8	46·9	11·3	51	...	2·4	...	3·7	0	0	28	13	5	1	0	1	0	1	7	3
	2330	"	1017·4	992·4	...	53·0	50·7	48·2	11·6	84	...	1·3	...	1·1	0	0	11	4	0	0	0	3	1	0	3	20
ɔpur Kalan	0830	771	...	...	...	...	..	...	...	...	...	2·3	...	0·5	0	0	6	0	2	1	1	2	0	0	0	25
	1730	"	...	...	...	...	...		...	...	...	2·7	...	1·5	0	0	16	10	3	0	0	0	1	1	1	15
a	0530	1,571	1016·9	960·6	...	50·9	49·1	47·1	11·2	87	...	2·6	...	2·1	0	0	18	2	7	5	2	1	0	1	0	13
	0830	"	1018·5	962·3	−0·3	53·1	49·8	47·0	10·9	80	+18	2·7	+1·3	2·6	0	0	24	8	4	4	4	2	0	1	1	7
	1130	"	1017·5	962·9	...	68·0	58·0	49·8	12·4	54	...	2·1	...	4·0	0	0	31	5	3	13	3	1	1	2	3	0
	1730	"	1013·7	959·6	...	71·0	59·4	50·5	12·6	50	...	2·5	...	4·3	0	0	30	13	4	2	0	0	2	8	1	1
	2330	"	1017·3	961·4	...	56·0	51·9	48·0	11·5	76	...	1·5	...	2·6	0	0	16	2	6	4	0	0	1	2	1	15
much	0830	1,625	1019·1	961·2	+0·6	54·8	48·9	41·8	9·4	64	+9	1·9	+0·4	3·0	0	0	26	4	17	2	1	0	0	1	1	5
	1730	"	1014·6	958·6	...	71·9	55·3	38·3	8·3	35	...	2·2	...	4·2	0	1	29	4	21	1	0	0	1	2	1	1
lam	0830	1,596	1018·0	961·2	...	55·6	49·8	42·7	9·2	65	...	2·2	...	6·5	0	0	27	8	14	4	0	0		0	0	4
	1730	"	1013·4	958·7	...	74·3	60·3	42·7	12·2	35	...	2·9	...	6·4	0	2	29	9	9	2	0	0	1	8	2	0
ore	0530	1,861	899·4	950·2	...	51·9	47·2	40·9	9·2	68	...	1·5	...	1·2	0	0	8	2	3	1	0	1	0	0	1	23
	0830	"	901·6	952·1	−0·1	56·6	50·0	42·9	9·7	62	+2	1·8	+0·1	2·0	0	0	14	3	3	3	4	0	0	0	1	17
	1130	"	903·2	952·3	...	71·3	56·4	41·9	9·5	37	...	1·5 (a)	...	7·4	0	4	24	2	9	3	4	5	0	1	4	3
	1730	"	900·5	949·1	...	74·5	57·3	39·8	9·1	32	...	2·0	...	5·5	0	2	27	5	7	5	2	0	3	3	4	2
	2330	"	900·6	950·8	..	58·1	50·1	41·0	9·1	56	...	1·4	...	4·1	0	2	18	3	9	3	1	0	0	1	3	11
pal (Bairagarh)	0230	1,714	899·3	955·3	...	56·0	49·6	42·8	9·2	63	...	2·0	...	6·6	0	1	28	6	13	5	2	2	0	1	0	2
	0530	"	899·1	955·4	...	53·1	48·3	42·7	9·2	69	...	2·2	...	5·8	0	1	27	5	11	6	3	1	1	0	1	3
	0830	"	901·3	957·5	−0·2	55·6	49·7	43·4	9·9	65	+14	2·3	+0·5	4·8	0	2	22	4	12	2	3	3	0	0	0	7
	1130	"	902·6	957·4	...	62·4	55·5	43·0	9·5	43	...	2·3	...	9·7	0	4	27	5	6	8	6	2	1	1	2	0
	1730	"	900·5	954·7	...	73·4	56·8	41·1	8·9	33	...	2·2	..	7·8	0	3	27	8	8	2	2	1	1	2	6	1
	2330	"	900·3	956·2	...	59·1	50·9	42·1	9·4	56	...	1·6	...	6·9	0	2	25	8	11	4	1	0	0	1	2	4

(a) Mean of 30 days

TABLE III— SUMMARY OF OBSERVATIONS AT FIXED HOURS—JANUARY 1953.

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 miles per hour.	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																										
Nowgong	0830	750	1018·8	991·4	+0·2	50·8	48·7	46·4	10·7	85	+9	3·0	+0·8	1·3	0	0	18	2	6	1	0	5	2	1	1	13
	1730	"	1014·7	988.4	...	70·4	57·2	44·0	10·1	41	...	2·3	...	2·3	0	0	31	0	22	0	0	0	0	1	8	0
Sutna	0830	1,041	1018 4	981.2	+0·4	57·6	53·6	50·0	12·1	75	+7	2·0	0	1·9	0	0	23	1	0	8	2	4	2	6	0	8
	1730	"	1014·1	977·8	...	70·7	61·5	54·0	14·8	57	...	2·5	...	2·5	0	0	26	9	2	5	0	0	1	0	9	5
Umaria	0830	1,506	1018·0	964·6	...	57·7	52·7	47·6	11·5	70	+2	2·2	-0·3	1·3	0	0	18	2	2	4	8	0	0	1	1	13
	1730	"	1013·3	961·5	...	73·9	58·8	48·5	10·8	47	...	2·4	...	1·4	0	0	20	9	2	0	2	0	1	0	6	11
Madhya Pradesh, East																										
Gondia	0830	1,026	1017·5	981·1	...	62·7	56·7	50·9	13·0	67	...	1·9	...	1·1	0	0	14	4	4	0	2	1	1	0	2	17
	1730	"	1012·5	977·3	...	77·8	63·1	50·8	13·1	40	...	1·8	..	2·0	0	0	26	7	1	2	4	5	3	1	3	5
Pendra	0530	2,048	900·9	944·4	...	53·6	50·2	46·6	11·0	78	...	2·3	...	1·8	0	0	19	4	1	3	1	6	3	0	1	12
	0830	"	903·4	946·6	0	58·8	53·1	47·6	11·5	68	+2	2·5	+0 7	1·6	0	0	14	8	2	0	1	3	0	0	0	17
	1130	"	903·9	946·2	...	68·4	57·2	47·7	11·5	49	...	2·6	...	3·9	0	0	29	9	5	3	2	7	3	0	0	2
	1730	"	901·3	943·5	...	68·8	57·8	48·5	11·9	51	...	3·2	...	2·5	0	0	27	11	4	1	1	6	2	1	1	4
	2330	"	902·1	945·2	...	58·3	52·3	47·4	10·9	68	...	1·3	...	0·8	0	0	12	3	1	1	0	2	2	1	2	19
Raigarh	0830	723	1017·1	991·7	...	62·9	57·7	53·1	14·2	70	...	3·1	...	3·0	0	0	28	8	14	4	2	0	0	0	0	3
	1730	"	1013·1	988·2	...	78·0	63·9	52·6	14·1	43	...	2·2	...	1·1	0	0	12	2	4	0	1	0	1	0	4	19
Ambikapur	0830	2,005	902·9	948·1	...	55·3	52·1	49·1	12·0	80	...	2·2	...	3·5	0	1	22	6	7	1	0	3	4	2	0	8
	1730	"	901·4	945·1	...	68·6	58·2	50·3	12·4	53	...	2·6	...	5·4	0	0	29	17	5	0	1	2	0	3	1	2
Champa	0830	805	1017·6	988·9	...	61·1	56·0	51·0	13·1	70	...	2·7	...	3·0	0	0	26	11	5	4	1	0	0	0	5	5
	1730	"	1013·3	985·5	...	75·9	63·0	52·5	13·7	46	...	2·8	...	2·6	0	0	28	9	4	3	1	4	1	4	2	3
Raipur	0530	979	1015·2	980·3	...	59·3	55·1	50·9	12·0	74	...	2·3	...	1·0	0	0	12	5	3	1	1	1	1	0	0	19
	0830	"	1017·4	982·8	+0·2	63·9	56·8	49·9	12·7	62	−1	2·5	+1·0	2·3	0	0	20	6	6	4	0	1	2	0	1	11
	1130	"	1016·2	982·2	...	74·2	60·8	48·7	11·9	43	...	2·0	...	4·3	0	0	27	5	11	4	1	2	0	3	1	4
	1730	"	1012·9	979·2	...	77·2	62·2	49·2	12·2	39	...	2·1	...	2·1	0	0	21	5	8	2	2	1	2	0	1	10
	2330	"	1015·0	977·5	...	65·8	58·4	51·4	14·7	61	...	1·8	...	1·8	0	0	17	7	2	1	2	2	3	0	0	14
Kanker	0830	1,318	1017·4	970·9	−0.2	62·5	57·8	53·9	14·2	74	+3	2·2	+0·4	0·1	0	0	2	0	1	0	0	0	0	1	0	29
	1730	,,	1012·4	967·5	...	78·0	64·4	53·3	14·5	45	...	2·1	...	0·4	0	0	6	0	1	0	0	1	3	0	1	25
Chanda	0830	634	1016·8	994·3	−0.1	65·6	59·6	54·7	15·0	67	−1	2·0	+0·4	0·2	0	0	3	1	0	0	2	0	0	0	0	28
	1730	"	1011·9	990·3	...	81·1	64·8	51·5	13·9	39	...	2·0	...	2·6	0	0	24	5	5	9	4	0	0	0	1	7
Sironcha	0830	405	1017·1	1002·6	...	66·7	62·6	59·6	17·9	78	...	2·3	...	2·3	0	0	24	3	3	8	7	2	0	0	1	7
	1730	"	1012·4	998·5	...	82·8	67·3	56·8	16·0	42	...	1·2	...	1·8	0	0	24	5	5	5	6	1	0	1	1	7
Jagdalpur	0530	1,813	899·6	951·7	...	55·9	54·2	52·7	13·6	89	...	1·2	...	0·6	0	0	6	0	0	0	4	1	0	1	0	25
	0830	"	902·2	953·9	-0·3	60·9	57·0	53·9	14·3	78	0	2·0	+0·1	0·8	0	0	11	2	1	2	2	2	0	0	2	20
	1130	"	902·9	953·1	...	75·5	62·4	52·3	13·9	46	...	1·6	...	3·5	0	0	27	3	2	5	6	4	3	2	2	4
	1730	"	900·6	950·5	...	76·9	62·8	52·8	13·8	44	...	1·8	...	2·3	0	0	23	5	3	5	0	2	2	3	3	8
	2330	"	900·8	952·3	...	62·3	57·9	54·5	14•6	76	...	0.4	...	0·5	0	0	5	0	1	2	1	0	0	1	0	26
Madhya Pradesh, West																										
Buldhana	0830	2,133	902·7	942·4	...	62·7	53·7	44·9	10·5	53	...	1·6	...	2·8	0	0	28	3	1	2	4	6	3	2	7	
	1730	"	901·4	939·7	...	79·0	61·4	46·6	10·7	33	..	2·0	...	2·8	0	0	26	2	7	1	2	3	1	1	9	
Akola	0830	925	1016·4	984.0	0	63·0	52·9	41·5	9·2	47	−7	2·2	+0·5	3·5	0	0	28	2	2	9	3	2	1	6	3	
	1130	"	1015·3	983·5	...	78·1	61·1	45·6	10·8	33	...	1·6	...	3·8	0	0	30	2	7	7	5	2	1	1	5	1
	1730	"	1011·2	979·8	...	83·8	62·2	41·2	9·4	24	...	2·2	...	4·3	0	0	27	5	2	2	3	2	1	3	9	4
Akola (Aerodrome)	0530	1,015	1014·2	978·1	...	59·1	52·2	43·5	10·2	58	...	1·8	...	2·7	0	0	29	3	1	10	5	4	4	1	1	2
	2330	"	1013·7	978·3	...	68·4	57·9	46·8	11·7	49	...	1·8	...	3·3	0	0	26	3	0	7	8	2	0	3	3	3
Amravati	0830	1,213	1016·8	974·1	0	64·9	54·8	44·3	10·1	48	−1	2·0	+0·3	2·7	0	0	27	2	10	12	0	1	2	0	0	4
	1730	"	1011·3	970·3	...	82·8	62·0	42·5	9·6	26	...	2·3	...	3·2	0	0	29	1	4	4	4	2	3	9	2	2
Yeotmal	0830	1,481	1016·4	964·8	...	66·0	56·5	47·8	10·8	53	...	3·1	...	6·8	0	0	31	1	9	5	7	0	5	0	4	6
	1730	"	1011·5	961·4	...	80·0	61·9	46·2	10·8	32	...	3·3	...	5·0	0	0	31	0	11	2	4	0	6	1	7	8
Khandwa	0830	1,044	1017·5	980·1	+0·1	59·9	52·6	43·9	10·3	58	+2	1·7	+0·3	2·1	0	0	16	2	5	3	2	1	1	2	0	5
	1730		1011·5	975·9	...	80·8	64·5	49·8	13·4	38	...	1·9	...	4·8	0	0	29	6	5	1	2	3	0	0	12	2
Hoshangabad	0830	992	1017·4	982·0	−0·6	59·3	52·2	44·1	10·2	57	+1	2·5	+0·8	2·5	0	0	22	0	4	11	6	1	0	0	0	9
	1730		1012·2	978·1	...	77·9	59·9	42·0	9·5	30	..	2·5	...	2·5	0	0	26	1	5	6	5	1	3	5	0	5
Sagar	0830	1,808	901·7	954·0	−0·1	57•3	51·1	44·4	18·3	64	+12	1.8	0	8.8	0	5	26	1	12	8	3	2	1	1	3	6
	1730	"	900·2	951·0	...	69.8	56·2	43·0	9·9	40	...	2.1	...	7.4	0	0	31	3	15	4	2	0	3	1	3	6
Jabalpur	0530	1,289	1016·1	969·9	...	53·1	50·2	47·4	11·1	81	...	1·9	...	2·5	0	0	18	0	8	1	7	1	0	0	1	11
	0830	"	1018·1	972·1	+0 3	57·5	52·5	47·3	11·3	69	−2	2·3	+0·5	3·4	0	0	24	1	9	0	11	1	1	0	1	2
	1130	"	1016·4	971·7	...	71·6	59·3	47·8	11·7	44	...	2·1	...	5·9	0	0	29	1	13	1	5	2	3	0	4	2
	1730	"	1012·9	968·6	...	74·3	60·3	47·5	11·6	41	...	2·1	...	5·0	0	0	28	1	14	1	4	0	3	1	4	3
	2330	"	1016•1	970·3	...	58·8	53·7	48·7	11·8	70	...	1·0	...	3·5	0	0	24	1	15	0	7	0	1	0	0	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 level or nearest g. p. km.	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 miles per hour.	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
hya Pradesh, West—*contd.*																										
andla	0830	1,452	1018·5	966·7	...	54·9	52·6	50·5	12·5	85	...	2·8	...	1·2	0	0	14	5	2	2	0	0	0	0	5	17
	1730	"	1013·0	963·1	...	72·6	59·9	49·1	11·9	47	...	2·7	...	3·1	0	0	26	9	1	1	2	3	2	0	8	5
oni	0830	2,027	901·3	945·2	−1.4	60·1	52·8	45·7	10·1	60	−1	3·0	+1·4	2·1	0	0	17	7	3	2	2	1	0	1	1	14
	1730	"	900·2	942·7	...	73·4	58·9	46·5	11·2	38	...	3·6	...	3.2	0	0	26	9	6	2	3	2	2	1	1	5
hhindwara	0830	2,248	903·6	939·5	...	57·0	50·0	42·2	9·5	5 9	...	2·1	...	1·6	0	0	13	4	6	1	1	0	0	0	1	18
	1730	"	901·8	936·2	...	75·9	57·6	39·8	8·8	29	...	2·4	...	3·3	0	0	30	4	2	2	3	5	4	2	8	1
etul	0830	2,144	903·2	942·8	...	58·8	51·6	44·5	10·1	59	...	2·3	...	2·4	0	0	21	1	4	11	3	1	0	1	0	10
	1730	"	901·6	939·9	...	74·7	57·1	39·5	8·8	31	...	2·0	...	3·9	0	0	31	6	7	0	6	0	3	2	7	0
lagpur	0230	1,010	1014·9	978·3	...	61·7	56·5	51·9	13·6	71	...	1·7	...	3·4	0	0	27	4	6	5	1	0	2	4	5	4
	0530	"	1015 1	979·0	...	58·4	53·9	49·8	12·0	73	..	2·0	..	2·6	0	0	22	6	6	2	0	0	1	2	5	9
	0830	"	1017·2	981·4	−0.1	62·4	57·1	51·5	13·1	66	+12	2·4	+0·6	3·2	0	0	25	8	10	4	1	0	0	0	2	6
	1130	"	1015·8	980·0	...	79·2	67·7	61·5	17·8	58	...	1·6	...	6 8	0	1	30	0	10	6	5	2	3	2	3	0
	1730	"	1011·8	974·2	...	80·8	68·8	61·5	18·6	52	...	2·4	...	4 2	0	0	29	0	4	7	6	6	3	1	2	2
	2330	"	1014·9	979·3	...	65·1	59·1	54·4	14·5	68	...	1·7	...	1·9	0	0	20	4	9	2	2	0	1	1	1	11
jarat																										
Deesa	0830	444	1017·6	1001·5	+0.5	55·5	50·9	45·3	10·7	70	...	0·8	...	...	0	0	31	22	6	0	0	0	2	0	1	0
	1730	"	1013·5	998·0	...	77·0	61·3	46·9	11·5	37	...	1·7	...	...	0	0	31	19	3	0	0	1	4	0	4	0
Surat	0530	39	1013·8	1012·4	...	61·5	55·3	48·4	12·1	65	...	1·2	...	5·4	0	3	24	9	11	1	3	0	0	0	3	4
	0830	"	1016·2	1014·8	+0.5	64·6	57·3	50·0	12·8	61	+2	1·3	+0·1	3·4	0	0	31	1	21	2	0	0	4	0	3	0
	1130	"	1016·1	1014·7	...	79·4	63·3	48·7	12·7	38	...	1·3	...	5·6	0	2	25	4	13	4	1	0	0	2	3	4
	1730	"	1012·6	1011·.	...	82 9	64·6	48·6	12·5	33	...	1·9	...	5·6	0	0	31	3	6	0	0	0	6	0	16	0
	2330	"	1014·4	1013·0	...	67·1	58·5	49·7	12·9	57	...	0·8	...	5·5	0	1	29	11	8	0	0	1	1	5	4	1
Ahmedabad	0230	182	1014·9	1008·4	...	60·5	54·4	47·9	11·7	65	...	1·1	..	6·5	0	0	31	10	10	5	0	0	0	1	5	0
	0530	"	1014·9	1008·3	...	57·7	53·2	48 3	11·9	72	...	1·0	...	6·5	0	2	26	3	14	5	0	0	0	0	6	3
	0830	"	1016·9	1010·4	0	60·0	54·5	48·5	12·0	67	+14	1·3	0	7·9	0	4	25	5	9	10	0	1	0	1	3	2
	1130	"	1017·2	1010·8	...	73·4	61·1	49·6	12·8	47	...	1·5	...	10·4	0	9	21	3	7	15	3	0	0	0	2	1
	1730	"	1013·5	1007·3	...	78·9	62·3	46 9	11·7	36	...	1·6	...	7·7	0	2	28	8	6	6	0	0	1	3	6	1
	2330	"	1015·4	1008·9	...	63·6	56·0	48·2	11·9	59	...	1·1	...	5·5	0	1	27	7	10	3	0	0	0	1	7	3
Dohad	0830	1,093	1017·5	978·7	...	59·7	52·4	43·8	10·2	58	− 3	1·7	+0·2	6·1	0	2	28	4	12	6	1	3	0	2	2	1
	1730	,,	1012·9	975·4	...	77·7	60 2	42 5	9·9	32	...	1·6	...	7·1	0	0	31	14	7	0	1	0	2	4	3	0
Baroda	0530	115	1014·7	1010·5	...	56·1	52·7	48·8	12·1	78	...	1·1	...	1·7	0	0	18	4	11	2	0	0	0	0	1	13
	0830	"	1016·7	1012·5	...	56·9	53·2	49·1	12·1	77	+19	1·3	+0·3	2·0	0	0	16	4	11	1	0	0	0	0	0	15
	1130	"	1016·8	1012·7	...	76·1	62·8	51·4	13·5	45	...	1·2	...	3·2	0	1	22	3	11	6	1	0	0	0	2	8
	1730	'	1013·3	1009·3	...	80·7	64·9	52·5	13·9	40	...	1·7	..	2·6	0	0	25	9	7	0	0	0	1	0	8	6
	2330	"	1015·1	1010·9	...	62·5	56·5	50·7	12·9	67	...	1·6	...	1·5	0	0	18	4	9	1	0	0	1	1	2	13
Baroda (Aerodrome)	0530	124	1014·5	1010·1	...	58·4	52·1	44·5	10·5	61	...	1·0	...	2·8	0	0	24	16	4	1	1	0	0	0	2	7
	0830	"	1016·6	1012·1	...	59 1	52·7	44·8	10·7	61	...	1·0	...	3·3	0	1	10	12	5	1	0	1	0	0	1	11
	1730	"	1013·3	1009 1	...	81·4	62·1	47·0	10·3	36	...	1 9	..	3 2	0	1	26	12	1	0	0	0	0	1	13	4
	2330	"	1014·8	1010·4	...	65·4	55·8	46·1	10·9	52	...	1·3	...	2·6	0	0	26	20	3	0	0	0	0	2	1	5
Broach	0830	57	1015·8	1013·7	...	58·2	51·8	45·2	10·3	63	...	1·2	...	3·0	0	0	30	3	8	5	7	0	2	0	5	1
	1730	"	1012·3	1010·2	...	84·3	62·3	37·9	9·3	24	...	1·5	...	6·5	0	1	30	7	8	0	1	1	5	1	8	0
urashtra and Kutch																										
Bhuj	0830	343	1017·9	1005·4	+0·7	57·0	52·5	47·3	11·5	72	+26	1·6	+0·3	0·6	0	0	7	1	3	1	0	1	1	0	0	24
	1730	"	1014·7	1002·7	...	77·3	60·0	42·9	9·9	31	...	1·0	...	5·2	0	0	29	11	7	1	0	0	2	2	6	2
Bhuj (P. B. O.)	0230	347	1015·8	1003·4	...	61·3	54·0	46·9	10·9	62	...	0·8	...	1·1	0	0	11	0	7	0	0	0	2	1	0	21
	0530	"	1015·8	1003·4	...	60·7	53·4	47·0	10·6	64	...	1·5	...	1·2	0	0	11	0	7	0	0	0	2	1	1	20
	0830	"	1017·4	1004·9	...	59·7	53·3	47·4	11·0	65	...	2·1	...	1·2	0	0	8	0	7	1	0	0	0	0	0	23
	1130	"	1017·7	1005·5	...	72·0	58·8	48·0	11·0	45	...	1·5	...	4·5	0	0	26	5	14	3	0	0	0	1	3	5
	1730	,,	1014·5	1002·3	...	75·7	58·7	44·4	9·2	40	...	1·5	...	4·5	0	0	26	7	11	1	0	0	3	2	2	5
	2330	"	1016·0	1003·7	...	64·7	55·5	47·2	10·9	55	...	0·8	...	1·5	0	0	11	0	5	0	0	0	3	1	2	20
Dwarka	0830	37	1017·0	1015·7	+0·3	63·5	58·5	54·1	14·5	73	+6	1·2	−0·4	7·0	0	2	28	8	19	2	0	0	0	0	1	1
	1730	"	1014·5	1013·2	...	73·2	62·7	53·2	14·7	53	...	0·9	...	10·3	0	3	28	7	5	0	0	0	0	3	16	0
Porbundar	0830	23	1016·4	1015·6	...	61·4	55·3	49·0	12·2	67	...	1·2	...	(a) 7·3	0	5	25	10	11	2	0	0	0	0	7	1
	1730	"	1014·1	1013·3	...	78·5	64·5	52·3	14·5	44	...	1·2	...	12·5	9	13	18	5	4	0	0	0	2	16	4	0
Jamnagar	0530	74	1014·7	1012·1	...	57·4	52·8	48·5	11·6	71	...	1·1	...	6·6	0	4	26	5	7	4	3	3	1	4	3	1
	0830	"	1016·5	1013·8	−0·5	58·2	53·1	47·7	11·5	70	+0	1·5	+0·5	5·6	0	3	26	1	8	5	5	5	3	1	1	2
	1130	"	1017·2	1014·6	...	71·9	59·6	48·0	11·9	46	...	1·5	..	8·3	0	4	27	6	15	4	1	1	0	2	2	0
	1730	"	1013·5	1010·9	...	76·2	60·8	46·9	11.2	38	...	1·3	...	10·5	0	10	21	7	10	1	0	0	0	6	7	0

(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 miles per hour.	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
Saurashtra and Kutch—*contd.*																										
Rajkot	0830	432	1017·1	1001·5	+0·4	56·8	52·0	46·2	11·1	70	+20	2·0	+0·5	3·9	0	0	24	5	10	3	2	1	1	1	1	7
	1730	"	1013·1	998·2	...	80·3	61·2	42·4	9·9	29	...	1·9	...	10·1	0	7	24	8	9	1	0	0	1	4	8	0
Rajkot (Aerodrome)	0530	439	1015·3	999·5	...	55·2	49·5	40·6	9·5	63	...	2·0	...	4·6	0	1	28	5	4	3	3	1	1	2	10	2
	0830	"	1017.3	1001·5	...	56·9	50·4	40·8	9·6	61	...	2 2	...	3·9	0	0	24	5	5	3	5	1	1	1	3	7
	1130	"	1017·1	1001·7	...	73·8	58·6	40·9	10·0	37	...	1·4	...	8·8	0	3	28	3	17	5	1	0	0	2	3	0
Veraval	0230	26	1014·2	1013·3	...	61·4	54·3	46·3	11·2	60	...	1·0	...	9 4	0	2	29	10	15	1	0	0	0	0	5	0
	0530	"	1014·1	1013·2	...	58·8	52·3	44·5	10·5	62	...	0 9	...	7·9	0	1	30	11	17	2	0	0	0	0	1	0
	0830	,,	1015·9	1015·0	−0·1	61·3	53·6	44·4	10·5	58	+8	1·5	+0·4	9·1	0	5	26	11	16	2	0	0	0	0	2	0
	1130	"	1016·3	1015·4	...	78·9	62·1	45·9	11·1	35	...	1·1	...	11·2	0	9	22	7	15	2	1	1	1	3	1	0
	1730	"	1013·0	1012·1	...	76·9	66·4	57·6	17·4	57	...	1·4	...	12·0	0	12	19	0	6	0	0	2	4	11	8	0
	2330	"	1014·9	1014·0	...	65·8	58·8	51·5	13·8	64	...	0·9	..	7·5	0	4	27	9	12	2	1	0	0	0	7	0
Mahuva	0930	51	1015·9	1014·0	...	62·6	54·8	46·1	11·2	57	...	1·0	...	4·0	0	0	31	3	23	0	0	0	0	0	5	0
	1730	"	1012·8	1011·0	...	80·2	65·3	53·7	14·6	42	...	1·2	...	10·1	0	4	27	0	10	8	10	2	1	0	0	0
Bhavnagar	0830	55	1017·3	1015·3	+0·9	56·7	51·6	45·9	10·7	68	+22	1·0	−0·4	1·9	0	0	19	2	1	1	1	0	5	7	2	12
	1730	"	1013·5	1011·5	...	80·7	67·5	58·7	17·1	49	...	1·5	...	3·3	0	0	30	2	11	11	1	3	0	1	1	1
Bhavnagar (Aerodrome)	0930	35	1016·7	1015·4	...	60·7	53·9	46·5	11·1	61	...	1·3	...	6·6	0	1	29	6	1	0	0	1	1	7	14	1
	1130	"	1016·8	1015·6	...	73·6	62·5	53·5	14·3	52	...	1·5	...	12·1	0	13	18	8	17	5	0	0	0	0	1	0
Konkan																										
Dahanu	0830	15	1014·9	1014·4	...	65·5	59·8	54·5	15·0	70	...	2·0	...	6·6	0	1	29	4	4	14	8	0	0	0	0	1
	1730	,,	1012·4	1011·9	...	76·2	70·8	67·4	23·3	75	...	1·5	...	13·7	0	16	15	19	0	0	0	0	0	2	10	0
Bombay (Colaba)	0830	35	1015·0	1013·7	0	70·8	63·7	58·0	17·0	66	−4	1·8	+0·5	3·8	0	0	26	10	6	9	1	0	0	0	0	5
	1130	"	1015·1	1013·9	...	79·0	66·9	58·2	17·1	51	...	1·6	...	4·6	0	0	30	5	7	6	3	0	0	1	8	1
	1730	"	1012·0	1010·8	...	78·0	69·7	64·6	21·0	64	...	1·7	...	10·1	0	7	23	6	0	0	0	0	0	0	24	1
Bombay (Santacruz Aerodrome)	0230	27	1013·2	1012·3	...	64·1	58·8	53·7	14·6	71	...	1·3	...	1·9	0	0	13	4	5	0	1	0	0	0	3	18
	0530	"	1013·0	1012·1	...	63·5	57·8	52·1	13·8	70	...	1·6	...	2·8	0	1	17	6	7	2	1	0	0	0	2	13
	0830	"	1015·0	1014·1	...	66·3	59·4	52·9	14 5	65	0	2·1	...	1·8	0	0	11	2	4	2	2	1	0	0	0	20
	1130	"	1015·3	1014·4	...	81·8	64·7	50·0	13·2	36	...	1·7	...	6·4	0	1	28	5	7	6	2	0	0	4	5	2
	1730	"	1012·1	1011·2	...	80·4	67·3	58·2	17·5	49	...	2·1	...	13·0	0	15	16	10	0	0	0	0	0	2	19	0
	2330	"	1013·9	1013·0	...	67·9	61·5	55·8	15·7	68	...	0·9	...	1·6	0	1	8	4	3	1	0	0	0	0	1	22
Alibag	0830	23	1014·9	1014·1	−0·1	68·5	62·9	58·7	17·1	72	+7	1·7	+0.2	1·4	0	0	15	2	9	3	0	1	0	0	0	16
Harnai	0930	66	1014·2	1011·9	...	74·7	63·6	54·7	15·1	52	...	2·3	...	5·8	0	3	19	4	7	5	2	0	0	0	4	9
	1730	"	1011·5	1009·2	...	79·0	71·6	67·2	23·1	68	...	1·5	...	17·4	0	23	8	8	0	0	0	0	1	2	20	0
Ratnagiri	0830	116	1013·9	1009·8	−0·4	70·7	62·7	56·3	15·9	64	...	1·6	...	...	0	1	30	0	4	27	0	0	0	0	0	0
	1730	"	1011·9	1006·9	...	82·5	71·5	65·5	21·3	57	...	1·7	...	...	0	11	20	0	0	0	0	0	0	24	7	0
Devgad	0830	117	1014·0	1009·9	...	72·4	65·5	60·5	18·3	68	...	20	...	6·3	0	1	29	1	6	21	2	0	0	0	0	1
	1730	"	1010·7	1006·7	...	83·4	72·0	65·5	21·6	55	...	20	...	14·8	0	18	13	2	0	0	0	0	2	5	22	0
Vengurla	0230	29	1011·8	1010·8	...	68·1	64·5	62·0	19·1	81	...	0·9	...	...	0	0	12	10	2	0	0	0	0	0	0	19
	0530	"	1011·9	1010·9	...	65·6	62·7	60·7	18·1	84	...	0·9	...	...	0	0	13	6	4	0	0	0	0	1	2	18
	0830	"	1014·2	1013·2	...	70·7	63·9	58·9	17·2	68	...	1·5	...	...	0	0	8	2	3	3	0	0	0	0	0	23
	1130	"	1013·9	1012·9	...	86·8	67·5	52·9	14·2	33	...	1·4	...	...	0	4	15	3	5	2	0	2	4	2	1	12
	1730	"	1010·7	1009·7	...	84·0	71·7	64·7	21·0	53	...	1·6	...	...	0	0	15	2	1	0	0	0	2	10	0	16
	2330	"	1012·8	1011·8	...	70·4	66·2	63·5	20·1	79	...	0·8	...	...	0	0	5	3	0	0	0	0	0	1	1	26
Marmagao	0830	202	1014·2	1007·2	...	74·8	67·1	62·3	19·2	66	0	1·5	0	5·3	0	0	31	1	11	13	5	0	0	0	1	0
	1730	"	1010·6	1003·7	...	82·7	73·7	69·3	24·3	64	...	2·1	...	5·4	0	0	31	1	0	0	0	1	7	16	6	0
Karwar	0830	13	1014·3	1013·8	+0·3	71·0	65·2	61·2	18·6	73	...	0·9	...	...	0	0	1	0	0	1	0	0	0	0	0	30
	1730	"	1011·2	1010·7	...	83·1	72·8	67·0	22·9	60	...	0 8	...	...	0	0	26	0	0	0	1	0	0	24	1	5
Honavar	0830	85	1014·2	1011·2	...	72·7	65·2	60·2	17·9	66	...	2·3	...	4·0	0	0	31	0	3	26	2	0		0	0	0
	1730	"	1010·3	1007·4	...	85·2	73·3	66·7	22·6	55	...	2·0	...	3·3	0	0	31	0	1	1	1	0	4	19	5	0
Deccan (Desh)																										
Jalgaon	0830	660	1017·0	993·3	...	59·6	50·4	38·4	8·3	47	...	1·1	...	4·6	0	0	26	0	1	10	11	0	1	2	1	5
	1730	"	1011·4	989·0	.....	85·8	62·9	40·8	9·3	22	...	1·7	...	7·3	0	2	28	5	3	3	2	1	5	5	6	1
Malegaon	0830	1,432	1016·8	967·0	+0·6	64·6	53·3	39·7	8·9	41	−11	1·3	−0·1	1·7	0	0	19	0	3	0	1	0	1	3	11	12
	1730	"	1011·1	962·8	...	82·3	60·4	36·2	8·1	21	...	1·5	...	1·7	0	0	22	4	7	1	1	0	4	2	3	9
Deolali	0830	1,875	901·7	951·3	...	59·3	52·1	44·8	10·3	60	...	2·1	...	2·7	0	1	19	8	4	2	0	3	3	0	0	11
Ahmednagar	0830	2,154	903·0	942·1	+0·1	61·0	50·8	38·7	8·5	46	−1	2·2	+0·9	3·5	0	0	25	0	2	0	6	2	2	0	13	6
	1730	"	901·2	938·6	...	82·6	60·4	40·5	9·0	24	...	2·5	...	3·0	0	0	25	3	9	0	6	1	2	0	4	6
Poona	0530	1,835	899·1	950·5	...	55·7	51·7	47·9	11·5	76	...	1·3	..	0·2	0	0	3	0	0	0	0	0	1	2	0	28
	0830	"	901·4	952·7	+0·2	57·4	52·7	48·5	11·7	72	+6	1·7	+0·3	0·2	0	0	3	0	0	0	0	0	1	2	0	24

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 miles per hour.	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 39.	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
ccan (Deah)—*contd.*																										
Poona	1130	1,835	903·0	952·3	...	77·7	59·9	44·3	10·4	32	...	1·8	...	2·1	0	0	20	0	0	19	0	0	0	1	0	11
	1730	"	900·2	948·7	...	83·6	62·3	44·8	10·5	28	...	2·2	...	1·4	0	0	15	0	0	1	3	0	1	9	1	16
	2330	"	900·4	951·0	...	64·1	55·9	48·8	12·0	58	...	0·8	...	0·2	0	0	2	0	0	1	0	0	0	1	0	29
oona (Lohagaon Aerodrome)	0230	1,947	900·1	946·6	...	63·0	52·9	42·7	9·6	49	...	1·2	...	1·3	0	0	10	1	1	1	2	0	0	0	5	21
	0530	"	899·8	946·6	...	59·0	51·3	44·0	9·8	57	...	1·3	...	1·4	0	0	11	0	2	3	2	0	0	4	0	20
	0830	"	902·1	948·7	...	62·0	52·3	42·6	9·5	50	...	1·7	...	1·9	0	0	15	0	1	6	3	0	0	4	1	16
	1130	"	903·4	948·6	...	77·6	58·5	39·9	9·1	28	...	2·0	...	5·2	0	2	25	2	0	10	9	2	0	3	0	5
	1730	"	900·4	945·0	...	83·1	59·4	35·5	7·8	21	...	2·3	...	8·1	0	8	17	5	1	2	5	1	0	5	6	6
	2330	"	901·0	947·2	...	66·4	54·5	42·6	9·7	44	...	0·7	...	2·2	0	0	14	0	1	1	2	0	0	4	6	17
Jeur	0830	1,709	901·2	956·7	...	62·2	52·0	41·6	9·1	47	...	1·6	...	2·1	0	0	21	2	3	4	4	0	1	3	4	10
	1730	"	899·7	952·6	...	85·4	64·3	48·5	12·1	29	...	2·1	...	6·1	0	2	29	2	3	5	5	2	1	6	7	0
Sholapur	0530	1,570	1014·6	959·7	...	62·4	53·5	44·4	10·4	53	...	0·9	...	0·7	0	0	6	0	1	0	3	2	0	0	0	25
	0830	"	1016·2	961·7	+0·2	67·2	56·5	46.6	11·3	50	+2	1·4	+0·1	2·6	0	0	20	2	4	1	11	2	0	0	0	11
	1130	"	1014·7	961·5	...	80·3	62·2	48·3	11·8	34	...	1·4	...	4·8	0	0	26	2	7	0	6	7	4	0	0	5
	1730	"	1009·9	957·5	...	85·7	64·3	49·1	11·9	30	...	1·8	...	3·3	0	0	26	2	10	3	7	3	1	0	0	5
	2330	"	1013·6	959·5	...	71·3	57·7	46·0	10·8	42	...	0·5	...	0·7	0	0	7	0	2	0	4	1	0	0	0	24
Miraj	0830	1,817	901·8	953·1	−0·2	64·3	53·7	43·5	9·9	48	−11	1·5	−0·2	2·3	0	0	15	1	2	4	1	0	0	2	5	16
	1730	"	900·0	949·0	...	85·5	63·3	45·9	10·9	27	...	1·6	...	3·6	0	0	22	0	1	9	3	1	1	4	3	9
Kolhapur	0530	1,870	899·5	948·9	...	61·5	53·4	45·3	10·7	56	...	0·9	...	2·1	0	0	16	1	2	8	1	0	1	3	0	15
	0830	"	901·9	951·2	...	63·8	53·7	43·9	10·0	50	...	1·8	...	2·3	0	0	17	0	6	11	0	0	0	0	0	14
	1130	"	902·8	950·6	...	78·6	60·4	44·7	10·6	32	...	1·7	...	7·9	0	5	24	1	8	11	5	3	1	0	0	2
	1730	"	899·9	947·0	...	85·1	62·2	43·2	9·9	24	...	2·6	...	5·5	0	1	27	1	4	9	3	0	2	7	2	3
Bijapur	0830	1,950	902·5	948·5	−0·1	66·7	55·4	44·6	10·4	47	−1.3	1·8	+0·3	3·1	0	0	31	3	6	0	8	5	5	0	4	0
	1730	"	900·3	944·6	...	84·7	62·1	43·7	9·9	24	...	2·2	...	2·8	0	0	29	3	6	5	5	3	1	0	6	2
Belgaum	0830	2,562	903·8	928·2	+0·1	...	...	...	...	...	...	1·4	−0·1	1·2	0	0	16	5	0	1	2	6	0	1	1	15
	1730	"	901·5	925·1	...	...	...	...	...	...	...	1·0	...	1·7	0	0	18	4	1	1	1	6	1	1	3	13
Belgaum (Sambre Aerodrome)	0530	2,497	901·8	928·4	...	61·8	54·6	48·1	11·6	63	...	0·9	...	2·1	0	1	12	3	1	3	6	0	0	0	0	18
	0830	"	903·9	930·2	...	68·1	57·9	49·2	12·3	53	...	1·4	...	7·0	0	2	23	2	4	4	14	0	0	0	1	6
	1130	"	904·3	930·1	...	77·1	61·9	49·5	12·8	40	...	1·4	...	10·1	0	9	21	4	4	6	14	1	1	0	0	1
	1730	"	901·7	927·4	...	81·3	62·5	47·5	11·7	32	...	1·6	...	6·1	0	2	27	4	6	3	8	0	4	2	2	2
Gadag	0830	2,131	903·2	942·4	−0·1	69·8	62·3	56·9	16·2	66	+4	2·0	+0·6	4·8	0	0	28	0	6	14	4	0	0	2	2	3
	1730	"	900·9	939·2	...	83·8	69·6	60·4	18·9	49	...	2·6	...	4·7	0	0	31	0	9	14	1	0	1	4	2	0
Gadag (P. B. O.)	0530	2,150	900·5	939·4	...	64·1	57·1	52·3	13·1	67	...	0·6	...	...	0	0	7	0	0	5	2	0	0	0	0	24
	0830	"	903·1	941·7	...	69·2	59·8	53·7	13·7	60	...	0·9	...	...	0	0	19	1	0	6	11	1	0	0	0	12
	1130	"	903·7	941·5	...	79·6	64·1	55·3	14·1	44	...	1·2	...	...	0	5	19	1	1	14	7	1	0	0	0	7
	1730	"	900·7	938·1	...	83·4	64·8	54·6	13·4	39	...	1·3	...	...	0	0	15	0	3	10	1	0	1	0	0	16
	2330	"	901·7	940·2	...	69·3	58·8	51·7	12·7	55	...	0·2	...	...	0	0	8	0	0	4	0	0	1	2	1	23
lyderabad, North																										
Aurangabad	0830	1,905	902·4	950·6	−0·1	61·9	52·3	42·3	9·5	50	+3	2·0	+0·4	3·5	0	1	23	0	7	12	3	0	1	1	0	7
	1730	"	901·1	947·5	...	82·5	61·0	41·6	9·6	26	...	2·5	...	6·4	0	0	31	4	2	3	3	3	5	5	6	0
Aurangabad (Chikalthana Aerodrome)	0230	1,898	899·6	948·2	...	59·3	49·9	39·6	8·5	49	...	1·5	...	2·8	0	0	15	1	0	3	3	0	0	4	4	16
	0530	"	899·3	948·3	...	54·5	47·1	38·3	8·1	55	...	1·3	...	1·0	0	0	8	0	1	1	7	0	0	1	4	23
	0830	"	902·3	950·4	...	65·8	54·9	44·7	10·3	47	...	1·6	...	2·2	0	0	12	0	2	3	1	1	1	2	2	19
	1130	"	903·3	950·3	...	77·1	60·3	46·4	11·1	35	...	1·8	...	6·7	0	1	28	1	3	4	10	6	2	0	3	2
	1730	"	900·4	946·9	...	81·0	60·5	42·7	9·7	27	...	2·3	...	5·1	0	1	24	4	2	2	6	2	1	5	3	6
	2330	"	900·4	948·7	...	61·2	51·3	39·6	8·9	44	...	1·6	...	1·8	0	0	9	4	0	0	0	0	1	0	4	22
Parbhani	0830	1,393	1016·8	968·1	...	64·5	53·3	39·5	8·9	42	...	1·6	...	...	0	0	17	2	1	14	0	0	0	0	0	14
	1730	"	1011·0	964·1	...	83·3	62·2	41·8	9·6	26	...	1·9	..	..	0	0	17	1	2	12	0	0	0	2	0	14
Ramagundam	0830	513	1016·5	998·3	...	66·4	58·4	52·0	13·1	60	...	2·6	...	1·9	0	0	19	6	3	0	4	5	0	0	1	12
	1730	"	1011·9	994·4	...	84·1	66·1	52·3	13·8	37	...	2·1	...	3·3	0	0	27	4	5	2	13	1	1	0	1	4
Nizamabad	0830	1,250	1016·1 (h)	972·5 (h)	0	69·5 (h)	61·7 (h)	55·3 (h)	15·2	61 (h)	−2	2·3	+0.9	0·9	0	0	13	0	9	1	1	0	0	0	2	18
	1730	"	1010·6	968·5	...	83·3	67·2	53·3	15·5	41	...	2·1	...	0·8	0	0	13	3	4	2	1	1	0	0	2	18
Bidar	0830	2,178	902·8	940·5	...	65·2	56·2	47·4	11·8	55	−4	1·9	−0.2	8·3	0	3	26	5	2	5	5	5	4	2	1	2
	1730	"	900·9	937·5	...	80·3	60·8	43·5	10·3	30	...	2·7	...	6·7	0	3	27	6	5	6	2	2	4	1	4	1
lyderabad, South																										
Gulbarga	0830	1,503	1016·1	963·9	0	67·7	56·8	46·7	11·3	50	−6	1·5	+0.2	5·4	0	0	30	3	9	14	1	2	1	0	0	1
	1730	"	1009·9	959·7	...	85·1	62·4	42·5	10·1	24	...	1·5	...	5·9	0	0	31	3	2	8	6	4	1	5	2	0
Raichur	0830	1,311	1015·7	978·2	−0·1	69·9	62.1	55·8	15·5	62	−2	1·4	−0.1	5·4	0	0	29	2	4	5	10	4	0	2	2	2

(h) Mean of 23 days.

TABLE III—SUMMARY OF OBSERVATIONS AT FIXED HOURS—JANUARY 1953.

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 (Okta.).		Mean wind speed miles per hour.	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, South—*contd.*																										
Raichur	1730	1,311	1010·2	966·2	...	85·1	64·5	47·2	11·5	28	...	2·1	...	5·7	0	0	31	2	8	9	7	1	1	1	2	0
Mahbubnagar	0830	1,657	901·9	958·6	...	69·7	63·8	60·5	17·8	74	...	2·1	...	7·0	0	3	27	0	10	11	5	3	1	0	0	1
	1730	"	899·9	955·5	...	82·8	67·3	57·7	16·5	45	...	2·3	...	7·2	0	2	29	0	9	10	4	2	4	0	2	0
Hyderabad (Nizamiah)	0830	1,778	902·1	954·7	0	65·6	60·6	56·7	16·1	74	−1	2·8	+0.6	2·6	0	0	17	1	2	4	9	0	0	0	1	14
	1730	"	900·4	951·3	...	81·2	63·6	50·7	12·9	36	...	2·2	...	5·9	0	0	29	1	4	11	7	2	2	0	2	2
Hyderabad (Begumpet Aerodrome).	0230	1,787	899·7	952·1	...	63·0	57·6	53·3	14·0	72	...	0·7	...	5·2	0	0	25	4	2	12	7	0	0	0	0	6
	0530	"	899·7	952·3	...	60·7	57·0	54·0	14·3	79	...	1·5	...	4·8	0	0	24	5	2	11	6	0	0	0	0	7
	0830	"	902·	954·7	...	66·5	60·5	55·8	15·6	70	...	2·9	...	5·0	0	2	20	1	4	5	9	1	0	0	2	9
	1130	"	903·2	954·3	...	77·3	63·7	53·9	14·6	46	...	2·4	...	10·3	0	7	23	1	4	8	10	5	0	2	0	1
	1730	"	900·6	951·1	...	80·9	62·9	49·3	12·3	35	...	2·0	...	8·3	0	3	28	1	5	11	7	4	1	2	0	0
	2330	"	900·9	952·9	...	67·5	58·8	51·9	13·4	58	...	0·8	...	4·4	0	0	23	2	4	8	8	1	0	0	0	8
Hakimpet	0530	2,012	900·7	944·8	...	62·2	58·8	55·7	15·5	81	...	1·3	...	...	0	1	19	0	2	4	11	3	0	0	0	11
	0830	"	902·9	946·6	...	66·9	61·0	55·9	15·9	71	...	2·9	...	...	0	2	27	0	4	3	10	9	2	1	0	2
	1130	"	903·4	946·4	...	76·3	62·8	51·6	14·1	44	...	2·2	...	...	0	4	26	0	5	2	13	5	5	0	0	1
	1730	"	901·1	943·9	...	79·0	62·3	47·5	12·4	36	...	1·8	...	...	0	0	31	2	6	7	10	1	3	2	0	0
Hanamkonda	0830	881	1016·7	985·8	−0·1	68·6	63·5	59·7	17·7	74	+1	2·4	−0·2	6·5	0	1	28	4	0	0	5	18	1	1	0	2
	1730	"	1011·8	981·8	...	83·0	65·7	52·2	13·8	36	...	1·6	...	4·3	0	0	30	5	6	3	7	7	0	0	2	1
Bhadrachallam	0830	364	1016·7	1003·9	...	70·4	65·7	62·8	19·5	76	...	2·7	...	1·4	0	0	13	0	2	5	5	0	0	0	1	18
	1730	"	1011·9	999·5	...	84·4	66·7	53·4	14·4	36	...	3·3	...	5·6	0	1	29	1	10	9	5	3	1	0	1	1
Khammameth	0830	367	1016·4	1003·5	...	70·9	65·9	62·7	19·7	77	...	2·1	...	2·8	0	0	27	8	0	11	7	1	0	0	0	4
	1730	"	1011·7	999·1	...	85·8	67·9	55·3	15·2	36	...	2·1	..	2·9	0	0	29	6	2	11	5	4	0	0	1	2
Coastal Andhradesa																										
Nellore	0530	65	1013·5	1011·1	...	68·8	67·7	67·1	22·6	94	...	1·1	....	2·5	0	0	23	1	3	0	0	1	1	2	15	8
	0830	"	1015·9	1013·5	−0·3	74·0	69·9	68·3	23·1	85	+1	3·3	−0·1	2·5	0	0	24	2	3	0	0	3	0	3	13	7
	1130	"	1015·0	1012·7	...	83·2	71·9	65 6	21·6	56	...	2·9	...	4·4	0	0	31	0	10	11	6	1	0	2	1	0
	1730	"	1012·7	1010·3	...	79·9	71·1	66·2	21·8	63	...	3·0	...	5.9	0	0	31	0	5	23	3	0	0	0	0	0
	2330	"	1014·3	1012·0	...	71·7	69·5	68·3	23·6	89	...	0.8	...	1·1	0	0	9	0	3	1	0	3	0	0	2	21
Ongole	0830	38	1016·0	1014·7	...	73·0	69·7	68·0	23·3	86	...	1·6	...	3·5	0	0	27	16	5	0	0	0	2	0	4	4
	1730	"	1012·4	1011·1	...	79·7	73·7	70·3	25·7	74	...	0·6	...	5·4	0	0	30	0	3	17	8	0	0	0	2	1
Gannavaram	0530	88	1014·2	1011·1	...	68·5	65 9	64·2	20·6	87	...	0·6	...	3·7	0	0	24	7	8	9	0	0	0	0	0	7
	0830	"	1016·3	1013·2	...	74·4	68·2	64.2	20·8	71	...	1·2	...	7·4	0	1	28	4	13	12	0	0	0	0	0	2
	1130	"	1015·5	1012·5	...	82·4	70·2	62·8	19·7	53	...	2·5	...	8 8	0	5	26	3	5	13	8	2	0	0	0	0
	1730	"	1012·7	1009·7	...	80·9	69·5	62·1	19·4	55	...	1·2	...	9·2	0	4	27	2	2	12	13	2	0	0	0	0
	2330	"	1014·9	1011·8	...	70·7	67·2	64·9	21·2	83	...	0·8	...	3·7	0	0	25	2	15	5	3	0	0	0	0	6
Masulipatam	0230	10	1013·7	1013·3	...	71·4	69·4	68·3	23·6	90	...	1·7	...	4·8	0	0	27	8	7	7	3	2	0	0	0	4
	0530	"	1014·0	1013·6	...	68·9	67·8	66·9	22·7	94	...	1·2	...	3·9	0	0	26	13	6	7	0	0	0	0	0	5
	0830	"	1016·3	1016·0	−0·1	74·8	70·9	68·6	24·1	81	−2	1·4	−0·5	5·7	0	0	31	0	0	12	16	3	0	0	0	0
	1130	"	1015·5	1015·2	...	80·5	73 0	68·7	24 4	68	...	1·9	...	8·0	0	3	28	1	6	17	6	1	0	0	0	0
	1730	"	1013·1	1012·7	..	78·9	73·0	69·9	25·0	74	...	0·7	...	7·4	0	0	31	9	10	8	2	2	0	0	0	0
	2330	"	1014·5	1014·2	...	74·4	71·1	69·3	24·6	85	...	1·0	...	4·8	0	2	21	2	10	9	1	1	0	0	0	8
Kakinada	0830	26	1016·4	1015·5	−0 1	78·1	71·6	68·7	23·5	71	−4	1·7	−1·0	6·8	0	0	31	0	26	1	2	0	2	0	0	0
	1730	"	1013·3	1012·4	...	78·1	71·6	68·1	23·5	72	...	1·3	...	7·0	0	0	31	0	9	4	18	0	0	0	0	0
Visakhapatnam	0230	11	1014·0	1013·6	...	68·1	66·5	65·5	21·5	91	...	1·9	...	0·9	0	0	7	2	2	0	0	0	1	1	1	24
	0530	"	1014·4	1014·0	...	66·1	64·7	63·7	20·2	92	...	1·5	...	1·2	0	0	7	0	0	1	0	0	0	4	2	24
	0830	"	1016·6	1016·2	+0·1	74·4	69·5	65·9	22·4	75	0	2·0	−0·6	1·9	0	0	14	0	2	1	0	0	0	0	11	17
	1130	"	1015·5	1015·1	...	81·4	71·2	65·4	21·5	60	...	2·3	...	8·1	0	2	26	1	4	8	11	1	1	1	1	3
	1730	"	1013·3	1012·9	...	77·3	70·9	67·3	22·9	72	...	1·8	...	10·1	0	4	27	0	0	9	18	4	0	0	0	0
	2330	"	1015·1	1014·7	...	70·7	67·8	66·1	22·0	85	...	1·2	...	1·3	0	0	7	0	3	1	1	0	0	0	2	24
Calingapatam	0830	19	1016·5	1015·8	−0·4	69·1	65·9	63·8	20·5	83	+3	2·2	+0·3	5·0	0	0	31	0	2	2	1	0	0	13	13	0
	1730	"	1013·5	1012·8	...	76·1	69·7	65·6	21·9	69	...	2·2	..	10·3	0	2	29	0	2	14	12	2	1	0	0	0
Rentachintala	0830	348	1016·3	1004·0	...	69·4	64·8	61·1	18·9	76	+7	1·9	−1·7	1·0	0	0	13	1	1	6	1	2	1	1	0	18
	1730	"	1011·6	999·7	...	85·9	67·9	55·7	15·2	36	...	1·6	...	2·2	0	0	22	4	1	14	1	2	0	0	0	9
Rayalaseema																										
Arogyavaram	0830	2,299	904·0	937·3	...	66·8	63·1	61·1	18·1	82	...	3·7	...	2·8	0	0	22	2	0	4	7	9	0	0	0	9
	1730	"	901·4	933·9	...	77·7	66·3	59·0	16·9	53	...	3·6	...	3·2	0	0	30	0	13	11	6	0	0	0	0	1
Cuddapah	0830	428	1015·7	1000·7	−0·2	78·4	69·9	64·8	21·1	63	−11	1·4	−0·8	1 4	0	0	13	0	0	12	0	0	0	1	0	18
	1730	"	1011·5	996·9	...	85·1	75·3	70·5	25·7	62	...	1·9	...	2·5	0	0	27	0	0	27	0	0	0	0	0	4
Bellary	0830	1,473	1015·4	964·5	−0·1	70·5	61·5	54·3	14·6	60	−4	1·5	−0·6	1·7	0	0	16	0	0	1	10	3	1	0	1	15
	1730	"	1009·3	960·0	...	85·5	63·9	44 9	10·5	25	...	1·7	...	2·6	0	0	25	0	3	5	15	1	0	0	1	6

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 miles per hour.	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
yalaseema—*contd.*																										
Kurnool	0830	923	1016·0	983·7	0	68·7	62·2	57·3	16·2	68	−1	1·2	−0·5	2·1	0	0	11	1	0	1	6	3	0	0	0	20
	1730	"	1010·3	979·3	...	86·6	66·4	50·6	13·1	30	...	1·6	...	4·1	0	0	21	1	1	8	8	3	0	0	0	10
Anantapur	0530	1,147	1013 4	973·2	...	65·4	60·5	56·1	15·8	73	...	0·7	...	1·7	0	0	12	0	4	5	3	0	0	0	0	19
	0830	"	1015·5	975·6	...	70·2	62·9	57·2	16·3	64	...	1·4	...	2·6	0	0	16	1	0	9	4	1	0	0	1	15
	1130	"	1014·1	975·0	...	80·1	65·5	54 7	14·9	43	...	1·3	...	5·6	0	1	26	0	4	14	7	1	1	0	0	4
	1730	"	1009·8	971·2	...	85·6	65·3	48·6	12·1	29	...	2·3	...	5·2	0	1	26	1	10	12	4	0	0	0	0	4
	2330*	"	1012.9	973·3	...	74·4	63·5	55·1	15·1	52	...	0·6	...	5·7	0	0	27	1	1	17	8	0	0	0	0	3
miinad																										
Palayamcottai	0830	167	1014·6	1008·8	...	77·6	72·3	69·4	24·7	76	...	3·1	...	6·4	0	0	31	24	1	0	0	0	0	2	4	0
	1730	"	1010·3	1004·5	...	83·5	73·7	68·5	24·0	61	...	4·2	...	6·7	0	0	30	2	3	24	1	0	0	0	0	1
Pamban	0830	37	1014·2	1012·9	+0·1	79·2	76·2	75·0	29·5	87	+4	3·6	+0·3	5·4	0	0	31	24	3	3	0	0	0	1	0	0
	1730	"	1011·1	1009·7	...	79·3	76·2	75·7	29·5	87	...	2·4	...	7·2	0	1	30	23	8	0	0	0	0	0	0	0
Madhurai	0830	437	1014·7	999·5	−0·1	76·8	70·9	67·7	23·1	74	−5	4·2	+0·6	2·6	0	0	27	14	8	0	0	0	0	0	5	4
	1730	"	1010·2	995·3	...	84·8	72·0	65·6	21·0	55	...	4·4	...	3·5	0	0	29	3	20	6	0	0	0	0	0	2
Nagapattinam	0830	31	1014·8	1013·7	+0·2	76·3	71·9	69·4	24·7	80	+1	5·1	+0·8	6·1	0	0	31	8	8	2	0	0	0	1	12	0
	1730	"	1011·7	1010·6	...	79·4	73·0	69·8	24·8	73	...	4·0	...	13·5	0	21	10	3	25	2	0	0	0	0	1	0
Tiruchirapalli	0230	289	1012·6	1002·4	...	72·2	69·2	67·3	23·1	85	...	3·0	...	6·9	0	2	28	3	22	5	0	0	0	0	0	1
	0530	"	1013·1	1002·8	...	71·1	68·6	66·4	22·8	86	...	3·1	...	4·6	0	0	23	2	19	1	0	0	0	0	1	8
	0830	"	1014·9	1004·8	−0·4	74·7	69·9	67·1	22·8	77	−3	3·3	+0·4	6·7	0	0	29	9	18	1	0	0	0	0	1	2
	1130	"	1014·3	1004·3	...	81·7	71·6	66·6	21·9	60	...	4·2	...	9·5	0	5	25	1	25	3	0	0	0	0	1	1
	1730	"	1010·9	1001·0	...	83·6	71·6	64·6	21·0	54	...	4·2	...	10·8	0	6	25	1	17	13	0	0	0	0	0	0
	2330	"	1013·8	1003·6	...	73·5	70·0	68·0	23·5	83	...	1·8	...	6·3	0	0	28	0	25	3	0	0	0	0	0	3
Coimbatore	0830	1,341	1015·7	969·4	+0·5	71·9	66·7	63·1	20·0	75	−5	4·1	+0·7	6·8	0	0	31	0	15	16	0	0	0	0	0	0
	1730	"	1009·8	964·9	...	85·7	67·3	55·2	13·9	36	...	3·3	...	6·7	0	0	31	0	15	16	0	0	0	0	0	0
Coimbatore (Peelamedu Aerodrome).	0530	1,307	1013·3	967·9	...	67·5	64·2	61·9	18·9	83	...	2·5	...	3·1	0	0	23	4	6	6	1	0	0	3	3	8
	0830	"	1015·2	970·1	...	71·6	66·6	63·5	20·0	76	...	3·4	...	6·1	0	0	30	2	16	11	1	0	0	0	0	1
	1130	"	1013·4	969·1	...	79·5	67·4	59·4	17·5	51	...	3·4	..	9·2	0	3	28	1	12	18	0	0	0	0	0	0
	1730	"	1009·2	965·4	...	85·2	66·8	53·5	14·2	35	...	2·6	...	9·8	0	2	29	0	12	17	2	0	0	0	0	0
	2330	"	1013·1	968·2	...	74·0	65·9	60·9	18·1	63	...	1·7	...	7·2	0	6	21	2	3	17	3	1	1	0	0	4
Idem	0530	913	1012·6	980·8	...	69·0	65·1	62·5	19·4	80	...	1·3	...	3·7	0	0	22	0	20	2	0	0	0	0	0	9
	0830	"	1015·3	983·5	−0·2	72·6	66·1	61·9	19·0	69	−7	1·8	−0·7	4·3	0	0	31	0	27	2	0	0	0	2	0	0
	1130	"	1013·9	982·8	...	81·7	68·7	60·1	18·1	49	...	2·4	...	4·0	0	0	27	0	22	3	0	0	0	2	0	4
	1730	"	1009·9	979·1	...	85·0	68·8	57·9	16·7	41	...	2·5	...	4·0	0	0	30	1	7	17	3	2	0	0	0	1
	2330	"	1013·1	981·6	...	74.8	68·1	63·9	20·5	69	...	1·4	...	8·3	0	1	29	0	22	8	0	0	0	0	0	1
Kallakurichi	0830	416	1015·3	1000·8	...	73 9	68·7	65·7	21·6	76	...	3·8	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	1730	"	1011·2	996·9	...	82·3	70·0	62·4	19·5	52	...	4·4	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kodaikanal	0530	39	1013·0	1011·6	...	71·2	69·3	68·0	23·6	90	...	2·3	...	1·5	0	0	11	4	5	2	0	0	0	0	0	20
	0830	"	1015·3	1013·9	+0·1	74·5	70·9	69·0	24·2	83	−1	3·5	0	2·1	0	0	19	3	8	1	0	0	0	0	7	12
	1130	"	1014·8	1013·4	...	80·6	72·5	68·2	23·6	66	...	2·7	...	6·9	0	0	31	6	17	7	0	0	0	0	1	0
	1730	"	1012·0	1010·6	...	79·4	72·4	68·5	24·0	70	...	4·1	...	4·8	0	0	31	4	19	8	0	0	0	0	0	0
	2330	"	1014·0	1012·6	...	75·6	71·3	68·7	24·0	80	...	1·9	...	4·8	0	1	22	0	15	8	0	0	0	0	0	8
Kodaikanal	0530	703	1013·6	988·8	..	67·2	65·8	64·8	21·0	93	...	3·5	...	1·0	0	0	11	0	4	1	1	2	2	1	0	20
	0830	"	1015·9	991·3	+0·2	70·6	67·3	65·2	21·3	83	−3	4·0	+1·2	0·1	0	0	2	0	1	0	0	0	0	0	1	29
	1130	"	1014·3	990·1	...	79·8	69·2	62·5	19·6	56	...	4·1	...	5·2	0	0	31	1	15	8	2	1	3	0	1	0
	1730	"	1011·3	987·3	...	82·0	68·5	59·5	17·7	48	...	2·8	...	5·3	0	0	29	0	9	13	7	0	0	0	0	2
	2330*	"	1014·1	989·6	...	72·9	68·1	65·1	21·3	77	...	2·2	...	2·7	0	0	21	1	8	6	4	1	0	0	1	9
Madras	0230	51	1012·9	1011·2	...	71·9	70·0	69·1	24·2	91	...	2·8	...	3·9	0	0	27	3	4	1	1	1	0	3	14	4
	0530	"	1013·3	1011·5	...	70·8	69·4	68·7	23·8	93	...	2·5	...	4·1	0	0	28	2	1	1	0	0	0	9	15	3
	0830	"	1015·6	1013·8	+0·1	74·7	71·3	69·6	24·6	84	0	3·9	+0·8	4·8	0	0	30	9	2	1	0	0	0	7	11	1
	1130	"	1014·3	1013·0	...	81·7	72·6	67·6	23·3	63	...	4·6	...	9·3	0	5	26	5	17	5	3	0	0	0	1	0
	1730*	"	1012·5	1010·7	...	79·4	71·9	67·7	23·4	68	...	3·0	...	8·8	0	4	27	2	20	7	2	0	0	0	0	0
	2330	"	1014·3	1012·5	...	73·7	70·7	69·2	24·3	86	...	2·0	...	4·0	0	0	26	9	7	5	0	0	0	1	4	5
Madras (Nungambakkam) .	0830	21	1015·0	1014·3	...	76·6	71·6	68·9	24·2	78	...	3·7	...	3·1	0	0	29	2	9	1	0	0	1	1	15	2
Kanara and South Kanara																										
Bangalore	0230	72	1011·3	1008.8	...	74·8	70·6	68·3	23·7	81	...	1.6	...	3·8	0	0	30	1	7	22	0	0	0	0	0	1
	0530	"	1011·7	1009.2	...	71·9	69·1	67·5	23·0	86	...	1·4	...	4·4	0	0	31	0	0	31	0	0	0	0	0	0
	0830	"	1013·8	1011.2	−0·2	75·4	69·2	65·3	21·6	72	+4	2·4	+0·4	5·2	0	0	31	0	1	29	1	0	0	0	0	0
	1130	"	1013·4	1010.9	..	84·9	71·6	63·9	20·4	51	...	1·8	...	4·8	0	0	30	0	1	13	1	0	7	5	3	1
	1730	"	1010·0	1007·6	...	83·1	73·7	69·0	24·1	68	...	2·2	...	5·2	0	0	29	0	0	0	0	0	2	18	9	2

* Observations for 30 days.

TABLE III—SUMMARY OF OBSERVATIONS AT FIXED HOURS—JANUARY 1953.

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 miles per hour.	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
Malabar and South Kanara— *contd.*																										
Mangalore	2330	72	1012·4	1009·9	...	77·0	71·9	69·3	24·4	77	...	1·8	...	2·5	0	0	22	0	3	19	0	0	0	0	0	9
Kozhikode	0530	27	1011·3	1010·4	...	73·5	70·6	69·0	24·3	86	...	1·5	...	2·6	0	0	29	0	9	18	1	0	0	0	1	2
	0830	"	1013·6	1012·7	+0·1	77 9	71·5	68·1	23·4	72	−6	2·4	+0·2	4·3	0	0	31	0	15	15	0	0	1	0	0	0
	1130	"	1012·9	1012·0	...	86·7	74·8	68·7	24·0	55	...	2 3	...	4·3	0	0	30	0	2	0	0	3	5	14	6	1
	1730	"	1009·5	1008·6	...	85·3	76·0	71·8	26·4	63	...	2·1	...	6·5	0	0	31	0	0	0	0	0	3	20	8	0
	2330	"	1012·2	1011·3	...	79·0	73·8	71·2	26·1	77	...	2·1	...	4·4	0	0	24	7	5	1	0	1	1	2	7	7
Palghat	0830	319	1014·3	1003·2	...	77·9	72·1	68·8	24·3	74	...	2·0	...	7·4	0	0	31	0	0	30	1	0	0	0	0	0
	1730	"	1008·9	998·3	...	90·1	75·7	67·9	23·8	49	...	2·6	...	6·3	0	0	30	0	1	25	2	0	0	1	1	1
Mysore																										
Chitaldrug	0830	2,405	903·4	932·9	−0·2	68·4	61·5	56·3	15·8	67	+5	2·1	−0·1	2·6	0	0	23	0	0	21	0	1	0	1	0	8
	1730	"	901·0	929·6	...	82·0	63·9	51·2	13·0	35	...	1·9	...	1·9	0	0	21	0	3	18	0	0	0	0	0	10
Shimoga	0830	1,872	901·5	950·7	...	64·4	59·6	55·8	15·4	75	...	2·1	...	0·8	0	0	8	0	1	2	2	1	1	1	0	23
	1730	"	899·2	946·3	...	85·1	64·0	48·3	11·9	31	...	2·3	...	3·4	0	0	27	1	9	11	2	1	0	2	1	4
Hassan	0830	3,149	904·5	909·0	..	64·0	59·3	55·9	15·3	76	+4	2·0	−0·5	3·0	0	0	20	0	0	15	5	0	0	0	0	11
	1730*	"	901·5	905·8	..	79·3	61·6	48·7	11·6	36	...	2·1	...	4·0	0	0	29	1	2	19	6	0	0	1	0	1
Bangalore (Central Observatory)	0230	3,021	902·4	911·1		62·6	59·3	57·1	15·7	83	...	1·9	...	6·7	0	0	31	0	2	23	6	0	0	0	0	0
	0830	"	904·5	913·2	0	63·9	60·1	57·5	16·2	81	+3	4·2	+1·2	6·5	0	1	29	0	2	23	4	1	0	0	0	1
	1130	"	904·5	912·9	...	74·9	60·8	49·7	12·5	43	...	2·4	...	8·0	0	2	29	0	3	21	6	0	0	1	0	0
	1730	"	901·6	910·0	...	77·1	60·2	45·5	11·0	35	...	2·6	...	6·8	0	1	29	0	4	19	7	0	0	0	0	1
Bangalore (Aerodrome)	0530	2,942	902·5	914·0	...	60·9	60·2	59·5	17·5	97	...	1·8	...	...	...	...	...	0	0	4	5	0	0	0	0	22
	0830	"	904·7	916·0	...	65·2	62·1	60·3	17·8	85	...	3·5	...	...	...	...	...	0	1	12	8	0	0	0	0	10
	1130	"	904·3	915·3	...	75·8	65·7	59·2	17·5	57	...	2·6	...	...	...	...	...	1	1	10	14	0	0	0	0	5
	1730	"	901·8	912·7	...	78·3	66·8	57·9	17·7	54	...	2·5	...	...	...	...	...	0	7	6	13	0	0	0	0	5
	2330	"	903·6	914·8	...	66·0	63·0	61·3	18·4	84	...	1·3	...	...	...	...	...	0	1	6	10	0	0	0	0	14
Mysore	0830	2,518	903·9	929·5	0	67·0	62·4	59·3	17·4	77	+6	3·0	+0·3	6·6	0	2	26	0	12	13	1	2	0	0	0	3
	1730	"	901·1	925·9	...	81·9	63·3	48·9	12·3	34	...	2·8	...	8·1	0	3	28	4	10	15	0	1	0	1	0	0
Balehonnur	0830	2,917	...	...	...	63·6	59·5	56·5	15·7	79	+6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nandi Hills †	0830	4,851																								
Travancore-Cochin																										
Fort Cochin	0830	10	1013·5	1013·2	+0·2	79·9	71·5	66·9	22·5	65	−5	4·5	+2·6	4·8	0	1	30	1	15	14	1	0	0	0	0	0
	1730	"	1009·3	1009·0	...	83·4	74·7	70·2	25·4	65	...	4·2	...	9·2	0	4	27	0	1	0	0	0	7	15	8	0
Cochin (Willingdon Island Aerodrome)	0230	6	1011·1	1010·8	...	75·3	72·5	70·9	26·0	87	...	2·9	...	2·0	0	0	16	1	8	5	2	0	0	0	0	15
	0530	"	1011·6	1011·4	...	72·7	70·0	68·5	23·9	87	...	2·3	...	1·5	0	0	12	1	8	2	1	0	0	0	0	19
	0830	"	1013·5	1013·3	...	76·9	70·8	67·3	23·0	73	...	3·3	...	3·7	0	0	29	2	17	10	0	0	0	0	0	2
	1130	"	1012·7	1012·5	...	85·3	73·1	66·5	22·3	54	...	3·8	...	4·5	0	0	28	4	3	5	2	5	3	1	5	3
	1730	"	1009·4	1009·2	...	84·0	74·7	69·3	25·2	62	...	3·2	...	7·0	0	0	31	0	0	2	0	0	3	21	5	0
	2330	"	1012·1	1011·9	...	77·6	73·9	72·0	26·9	83	...	2·4	...	1·2	0	0	12	2	3	2	1	0	1	2	1	19
Alleppey	0830	12	1013·3	1013·0	...	79·9	74·2	71·5	26·3	75	...	4·7	..	6·6	0	0	31	2	4	14	10	0	0	0	1	0
	1730	"	1009.5	1009·1	...	84·3	76·8	73·2	28·1	70	...	3·3	...	12·5	0	10	21	1	0	0	0	0	2	15	13	0
Trivandrum	0230	211	1010·9	1003·6	...	75·1	71·8	70·0	25·2	85	...	2·7	...	3·1	0	0	28	4	16	3	3	0	0	0	2	3
	0530	"	1011·1	1003·8	...	73·5	70·3	68·4	24·0	86	...	2·1	...	2·7	0	0	31	5	21	3	0	0	0	0	2	0
	0830	"	1013·0	1005·7	+0·1	76·9	71·6	68·8	24·0	76	—1	3·7	+1·1	2·6	0	0	31	2	27	0	0	0	0	0	2	0
	1130	"	1012·2	1005·0	...	86·0	73·5	65·8	21·6	53	...	4·3	...	2·6	0	0	31	2	6	0	6	0	13	1	3	0
	1730	"	1009·9	1002·7	...	84·1	74·4	69·4	24·7	62	...	3·7	...	3·6	0	0	30	1	0	0	0	0	27	1	1	1
	2330	"	1012·3	1005·0	...	77·0	72·8	70·5	25·6	81	...	2·2	...	2·3	0	0	29	4	11	3	0	0	1	2	8	2
Hill stations excluding Kashmir																										
Aijal	0830	3,599	902·5	892·5	...	58·8	51·9	44·6	10·3	65	...	1·8	...	3·4	0	0	28	0	1	16	1	3	6	1	0	
	1730	"	900·1	890·1	...	58·3	52·6	47·0	11·4	68	...	1·8	...	4·1	0	0	27	3	0	0	1	1	5	11	6	
Shillong	0830	4,921	904·5	852·5	−0·2	51·8	44·1	33·6	6·9	55	−15	2·2	+0·7	0·1	0	0	1	0	0	0	0	0	1	0	0	3
	1730	"	902·1	850·2	...	50·7	47·8	44·7	10·1	80	—3	4·5	...	0·1	0	0	1	0	0	0	0	0	1	0	0	3
Cherrapunji	0830	4,309	904·2	871·4	−0·2	54·2	46·0	35·2	7·5	52	−11	2·8	+0·8	3·3	0	0	27	0	9	6	2	4	2	1	3	
	1730	"	902·1	869·4	...	52·2	49·0	45·4	10·7	78	+4	5·1	...	2·1	0	0	20	2	6	1	1	1	6	0	3	1
Darjiling	0830	7,432	802·6	777.4	+0·4	41·6	39·0	36·0	7·2	81	+6	4·8	+1·4	4·1	0	0	29	0	4	16	3	0	0	6	0	
	1730	"	800·1	774·9	...	38·7	37·2	35·7	7·0	88	...	4·7	...	7·0	0	3	25	0	0	2	1	0	4	20	1	
Darjiling (Raj Bhawan)	0830	6,980	805·6	793·6	...	41·7	38·4	35·2	6·3	77	...	4·1	...	0·8	0	0	11	1	0	0	3	0	2	3	2	2
	1730	"	803·2	791·2	...	42·8	40·3	37·5	7·4	82	...	6·3	...	1·5	0	0	22	0	0	0	1	2	15	4	0	
Kalimpong	0830	4,935	901·3	879·3	—3·8	49·0	47·0	44·7	10·2	87	+12	2·5	+0·1	1·7	0	0	19	0	0	0	1	0	0	0	18	1

* Observations for 30 days.

†Data not reliable.

TABLE III—SUMMARY OF OBSERVATIONS AT FIXED HOURS—JANUARY 1953.

Division and station.	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet.	Mean pressur in millibars			Mean temperature in °F.			Vapour pressure in mbs.	Relative humidity %	Departure from normal.	Cloud amount (Oktas).		Mean wind speed miles per hour.	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
Hill stations excluding Kashmir—*contd.*																										
Kalimpong	1730	4,965	898·0	876·2	...	51·9	49·2	46·2	11·1	81	+7	4·8	...	1·3	0	0	15	0	0	0	14	0	0	0	1	16
Katmandu	0830	4 388	907·4	871·0	...	40·3	39·4	38·2	8·6	92	+7	6·6	+1·6	0·6	0	0	7	1	0	3	3	0	0	0	0	24
	1730	"	903·3	867·9	...	52·1	47·2	41·8	9·4	69	0	3·5	...	3·8	0	0	11	1	2	0	0	4	1	1	2	20
Mukteswar (Kumaon)	0830	7,592	802·8	772·8	—0·3	37·0	32·4	24·8	4·7	66	+17	3·6	+0·5	6·7	0	0	27	0	7	10	1	2	1	3	3	4
	1730	"	801·4	771·6	...	39·6	36·0	30·9	6·1	74	...	4·0	...	7·1	0	4	27	0	3	2	1	3	5	14	3	0
Nainital	0830	6,409	800·4	805·8	...	36·2	33·8	27·6	5·7	71	...	3·3	...	2·7	0	0	26	3	2	2	1	0	0	14	4	5
	1730	"	799·3	804·9	...	41·1	37·9	33·7	6·5	77	...	3·8	...	3·4	0	1	28	4	1	3	1	1	1	16	2	2
Lokpal	0830	14,000								Closed during winter months																
Mussooree	0830	6,699	800·6	796·9	...	42·5	35·3	29·7	4·7	71	+15	3·3	—0·3	1·9	0	0	25	9	6	1	6	2	1	0	0	6
	1730	"	799·6	796·2	...	41·8	38·9	35·1	7·0	80	...	4·4	...	1·9	0	0	26	2	3	2	7	7	2	0	3	5
Simla	0830	7,224	801·0	781·7	—0·1	38·0	32·2	21·9	3·6	57	—14	3·4	—0·4	1·4	0	0	17	0	4	0	6	6	1	0	0	14
	1730	'	800·2	780·9	...	39·2	35·7	30·1	5·6	72	...	5·1	...	1·5	0	0	23	4	3	2	4	6	3	0	1	8
Dalhousie (R)	0830	6,426																								
(R)	1730	"																								
Dharamshala	0830	3,974	909·6	886·9	...	47·2	41·4	34·2	5·6	62	...	3·4	...	0·6	0	0	8	3	0	5	0	0	0	0	0	23
	1730	"	907·9	885·7	...	51·7	45·5	39·9	7·9	64	...	4·7	...	0·9	0	0	22	4	1	3	0	0	0	8	6	9
Pachmarhi	0830	3,528	905·5	897·6	—0·2	54·9	49·9	44·5	8·2	70	+7	1·9	0	1·2	0	0	14	0	4	2	0	3	3	2	0	17
	1730	"	903·5	895·8	...	68·9	56·1	44·2	10·1	45	...	2·6	...	2·5	0	0	27	5	5	2	0	0	2	7	6	4
Abu	0830	3,921	905·0	884·3	+0·3	52·7	45·0	32·3	7·1	53	+9	1·3	—0·4	1·8	0	0	14	5	3	0	1	0	2	1	2	17
	1730	"	903·1	882·8	...	60·2	49·3	35·1	7·6	43	...	1·5	...	2·8	0	0	26	7	4	1	0	2	2	3	7	5
Mahabaleshwar	0830	4,534	904·9	865·7	+0·2	61·7	51·4	39·9	8·9	48	—4	2·5	+1·5	5·7	0	1	29	1	7	8	10	0	1	1	2	1
	1730	"	902·0	863·6	...	70·6	57·1	44·8	10·5	41	...	1·8	...	3·9	0	0	30	10	1	2	0	4	0	7	6	1
Mercara	0830	3,781	904·1	888·4	+0·5	62·6	57·8	54·0	14·5	75	—3	2·8	—0·6	5·5	0	0	27	0	13	13	0	0	0	0	1	4
	1730	"	901·2	885·9	...	74·8	61·6	51·3	13·4	46	...	2·2	...	4·5	0	0	31	0	10	11	0	0	0	5	5	0
Kodaikanal	0830	7,688	804·6	772·8	+0·7	51·7	45·7	37·3	8·3	66	+11	4·3	+1·3	8·8	0	8	21	3	8	4	10	0	0	0	4	2
	1130	"	804·2	772·9	...	58·6	49·9	40·0	9·1	57	...	4·9	...	8·5	0	8	23	4	7	7	9	0	0	0	4	0
	1730	"	802·8	771·3	...	54·9	50·7	46·5	11·1	77	...	4·9	...	5·2	0	1	27	5	2	5	6	1	0	0	9	3
Ootacamund	0830	7,378	804·0	780·9	+0·2	50·4	46·5	42·2	9·4	74	+16	1·7	—0·5	2·3	0	0	18	1	7	7	1	2	0	0	0	13
	1730	"	802·4	779·6	...	58·6	54·4	50·9	12·9	76	...	2·4	...	1·8	0	0	22	4	6	8	3	1	0	0	0	9
Coonoor	0830	...	...	...	...	57·3	51·7	46·7	11·0	69	...	2·7	—0·6	1·8	0	0	20	3	0	0	6	4	0	4	3	11
Sikkim																										
Lachen	0830	...	...	...	...	36·4	34·6	32·7	6·0	86	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...
Tibet																										
Yatung (Chumbi)	0830	...	...	...	...	38·9	37·0	34·7	6·8	86	+5	1·5	—0·6	...	..	...	...	...	...	...	...	...	...	...	...	...
Lhasa	0830	12,090	624·3	651·1	...	27·0	26·7	25·2	4·7	94	...	1·0	...	0·2	0	0	1	0	0	0	0	0	0	1	0	30
Gyantse	0830	13,110	622·2	622·9	...	23·8	19·6	12·2	2·	57	—7	1·7	+0·7	0·5	0	0	7	0	0	6	1	0	0	0	0	24
Ceylon																										
Colombo	0830	24	1012·9	1012·1	+0·1	75·9	72·1	69·7	25·2	82	—3	4·9	+0·8	5·9	0	0	30	3	24	2	1	0	0	0	0	1
	1730	"	1009·6	1008·8	...	81·5	74·5	70·5	26·0	71	...	8·4	...	8·9	0	8	23	6	6	2	2	1	1	3	10	0
Trincomalee	0830	24	1013·7	1012·9	+0.2	77·6	73·3	71·2	26·1	81	—2	6·0	+1·7	8·4	0	9	15	7	14	1	0	0	0	1	1	7
	1730	"	1011·2	1010·2	...	78·5	74·3	71·1	27·1	79	...	6·1	...	9·7	0	12	14	13	13	0	0	0	0	0	0	5
Batticoloa	0830	20	1013·4	1013·1	...	75·8	73·8	72·9	27·6	91	...	5·7	...	6·4	0	2	28	4	10	1	0	0	2	7	6	1
	1730	"	1010·6	1010·3	...	78·4	76·9	72·6	30·9	83	...	5·8	...	10·3	0	10	21	12	14	3	1	0	0	0	1	0
Hambantota	0830	50	1012·5	1010·9	+0·7	77·1	72·9	70·4	25·7	81	—4	5·3	+1·9	12·2	0	17	13	10	19	0	0	0	0	1	0	1
	1730	"	1009·6	1007·9	...	85·5	80·5	72·9	33·3	79	...	5·8	...	19·8	0	27	2	0	17	10	0	0	1	0	1	2
Mannar	0830	12	1014·1	1013·6	...	78·1	75·1	72·5	28·4	84	...	5·2	...	7·1	0	1	30	6	21	3	1	0	0	0	0	0
	1730	"	1010·8	1010·4	...	81·1	75·1	71·2	26·9	74	...	6·1	...	9·5	0	4	27	9	20	2	0	0	0	0	0	0
HYDROMETEOROLOGICAL OBSERVATORIES																										
Damodar Catchment																										
Bokaro	0830	784	1018·6	990·3	...	56·0	52·5	49·0	11·9	78	...	2·9	...	2·5	0	0	23	6	0	0	1	1	2	2	11	8
	1730	"	1014·1	986·6	...	69·4	58·7	48·9	12.1	50	...	3·0	...	3·2	0	0	23	7	4	1	2	0	0	0	9	8
Hazaribagh	0830	2,019	902·8	946·9	...	58·5	52·0	46·0	10·7	64	...	2·2	...	3·8	0	0	25	2	1	3	2	3	2	7	5	6
	1730	"	900·7	944·3	...	63·5	54.7	46.8	11·1	56	...	2·3	...	2·5	0	0	26	8	0	1	0	0	2	3	12	5
Barhi	0830	...	...	...	...	61·2	54·3	47·5	11·3	62	...	...	...	3·0	0	0	28	0	5	4	1	0	4	10	4	3
	1730	...	...	...	...	64·8	55·9	47·3	11.3	54	...	...	...	1·9	0	0	23	1	1	1	1	0	0	4	15	8
Ramgarh	0830	...	...	...	...	57·7	53·8	49·9	12·4	76	...	...	...	2·5	0	0	31	4	1	2	0	0	6	11	7	0
	1730	...	...	...	...	67·1	58·6	51·0	13·0	58	...	...	...	0·5	0	0	7	2	1	0	1	0	0	1	2	24
Dhanbad	0830	839	1018·0	988·1	...	62·1	55·4	48.9	12·0	63	...	1·9	...	3·7	0	0	29	5	3	2	0	0	8	8	3	2
	1730	"	1014·0	·7	...	69·1	58·8	49·3	12·4	51	...	2·3	...	3·9	0	1	29	7	1	3	2	1	2	5	9	1

(R) Register not received

TABLE III—SUMMARY OF OBSERVATIONS AT FIXED HOURS—JANUARY 1953.

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 miles per hour.	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.*																										
Mahanadi Catchment																										
Baramul	0830	210	1017·9	1010·4	...	67·5	62·9	59·7	17·5	76	...	...	...	1·5	...	...	21	0	5	2	3	7	4	0	0	10
	1730	"	1014·0	1006·5	...	68·1	64·1	61·5	18·7	79	...	...	...	0·1	...	...	2	1	0	0	0	0	1	0	0	29
Hirakud	0830	522	1020·9	1002·3	...	65·8	60·0	55·7	15·1	70	...	...	...	0·8	..	...	10	0	6	0	0	0	0	0	4	21
	1730	"	1017·0	998·9	...	76·4	64·7	56·2	15·3	51	...	...	...	0·3	...	...	3	0	1	0	1	0	0	0	1	28
Barkachhar	0830	...	...	...	...	63·4	58·6	54·2	14·6	73	...	4·2	...	2·0	0	0	25	2	3	3	0	1	7	6	3	6
	1730	...	...	...	...	74·9	63·7	55·1	15·1	51	...	4·4	...	1·7	0	0	18	3	8	0	1	0	4	1	1	13
Sonepur	0830	...	...	...	...	66·8	63·2	60·8	18·1	82	...	...	...	2·6	...	...	19	2	0	8	6	1	1	0	1	12
Ginabahar	0830	...	...	...	...	59·5	54·4	49·7	12·0	70	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...
Jonk	0830	...	...	...	...	66·0	59·6	55·0	14·6	69	...	2·8	...	4·7	0	1	27	1	13	6	1	2	3	0	2	3
	1730	...	...	...	...	76·7	64·6	55·6	15·4	50	...	2·1	...	2·1	0	0	20	3	8	3	1	0	2	0	3	11
Ganga Catchment																										
Tapoban	0830	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Badrinath	0830									Closed during winter months.																
Narbada Catchment																										
Punasa	0830	...	...	...	...	59·8	80·9	42·6	9·9	55	...	1·9	...	1·7	...	...	15	0	13	0	0	0	1	1	0	16
	1730	...	...	...	...	51·9	61·5	42·5	11·5	28	...	1·5	...	2·0	...	...	19	0	7	1	0	1	7	2	1	12
Bagra Tawa	0830	...	...	...	...	59·8	52·3	43·9	10·0	57	...	2·0	...	3·7	...	...	27	1	14	3	0	0	9	0	0	4
	1730	...	...	...	...	75·3	59·6	46·3	10·4	39	...	1·6	...	2·2	...	...	21	0	11	2	1	0	2	1	4	10
Thikri	0830	...	...	...	...	64·6	57·6	49·4	13·0	61	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tapti Catchment																										
Nandurbar	0830	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sabarmati Catchment																										
Jhadol	0830	...	...	...	...	54·5	49·8	44·9	10·1	71	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dharoi	0830	...	...	...	...	60·3	53·3	46·3	10·7	60	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

RADIOSONDE DATA
MEAN DYNAMIC HEIGHT, TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACES
(From Ascents at 15 hrs. G. M. T.)
JANUARY 1953

	ALLAHABAD (Sur. Pr. 1005 mb.)						CALCUTTA (1015 mb.)						JODHPUR (991 mb.)					
	No. of Obs.	Ht. Gpm.	Temperature °A			Dew Point	No. of Obs.	Ht. Gpm.	Temperature °A			Dew Point	No. of Obs.	Ht. Gpm.	Temperature °A			Dew Point
			Mean	Max.	Min.				Mean	Max.	Min.				Mean	Max.	Min.	
Surface	31	096	289·0	293	286	285·5	31	005	290·2	299	286	285·2	31	218	291·3	297	287	278·7
1000	31	138	...	...	...	...	31	132	...	...	...	...	31	138	...	...	...	...
900	31	1034	286·6	291	282	278·2	31	1035	288·3	294	284	276·5	31	1037	287·5	293	283	274·3
850	31	1513	284·0	289	277	275·0	31	1516	286·3	293	281	272·4	31	1517	283·8	290	278	272·0
800	31	2017	281·3	285	275	272·2	31	2024	283·3	290	277	269·3	31	2020	280·6	286	275	267·6
700	31	3106	274·2	279	270	264·8	31	3122	277·5	287	270	261·9	31	3106	274·2	279	269	258·8
600	31	4329	266·9	271	260	...	31	4360	269·9	278	262	...	30	4329	267·1	271	260	...
500	31	5733	258·2	265	250	...	31	5777	263·7	268	254	...	30	5733	258·4	262	253	...
400	30	7387	247·6	255	240	...	30	7453	252·6	268	245	...	29	7389	248·1	256	240	...
300	26	9434	236·7	247	231	...	29	9530	240·9	249	235	...	26	9422	235·9	243	228	...
250	22	10682	231·8	240	224	...	29	10797	234·3	244	227	...	24	10662	230·5	236	223	...
200	20	12181	224·3	231	216	...	28	12291	225·6	234	217	...	21	12156	225·1	235	213	...
175	19	13047	220·6	228	213	...	13	13169	219·2	227	213	...	13	13025	221·0	233	210	...
150	16	14039	216·3	225	200	...	6	14216	215·5	220	212	...	7	14084	219·9	233	217	...
125	11	15185	212·1	217	203	...	5	15390	210·2	215	206	...	6	15248	216·0	231	211	...
100	9	16548	206·9	212	199	...	5	16746	206·0	210	201	...	6	16667	212·5	228	207	...
80																		

	MADRAS (1012 mb.)						NAGPUR (977 mb.)						NEW DELHI (992 mb.)					
urface	31	015	297·8	299	297	293·3	17	307	294·2	297	289	273·8	31	206	285·8	292	282	282·9
1000	31	123	...	...	...	...	17	114	...	...	...	...	31	142	...	...	...	...
900	31	1037	292·9	296	287	284·4	17	1026	291·5	299	289	276·1	31	1040	285·3	289	279	272·6
850	31	1525	288·9	294	286	278·1	17	1515	289·0	296	286	272·2	31	1511	282·1	286	277	270·9
800	31	2039	286·6	290	284	274·1	17	2026	283·2	290	281	271·1	31	2012	278·9	288	273	269·0
700	31	3154	282·5	287	280	263·3	17	3129	277·7	282	275	263·7	31	3092	272·1	277	266	263·3
600	31	4418	275·8	280	271	253·7	17	4367	270·3	274	266	...	31	4306	263·5	269	258	...
500	31	5870	267·0	273	263	...	16	5791	262·1	266	256	...	31	5689	254·7	261	245	...
400	28	7583	256·3	260	251	...	13	7470	251·6	259	247	...	31	7320	244·0	253	235	...
300	25	9680	242·0	248	237	...	11	9557	240·0	245	237	...	27	9317	231·2	237	225	...
250	23	10940	231·7	239	227	...	5	10813	233·2	237	231	...	20	10549	229·5	235	218	...
200	14	12443	222·3	230	217	...							16	12036	224·5	235	216	...
175	8	13295	215·5	220	213	...							14	12970	220·9	231	212	...
150	7	14268	210·6	215	204	...							11	13889	217·8	228	208	...
125	5	15382	204·0	210	200	...							6	15082	213·8	217	211	...
100																		
80																		

RADIOSONDE DATA
MEAN DYNAMIC HEIGHT, TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACES
(From Ascents at 15 hrs. G. M. T.)
JANUARY 1953

	POONA (Sur. Pr. 951 mb.)						PORT BLAIR (1003 mb.)						TRIVANDRUM (1005 mb.)					
	No. of Obs.	Ht. Gpm.	Temperature °A				No. of Obs.	Ht. Gpm.	Temperature °A				No. of Obs.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point			Mean	Max.	Min.	Dew Point			Mean	Max.	Min.	Dew Point
Surface	31	557	295·6	298	291	281·8	27	81	298·5	300	296	294·7	31	063	299·7	301	298	294·
1000	31	114	...	...	...	...	26	111	...	...	...	...	31	104	...	...	...	...
900	31	1029	294·7	297	291	277·4	26	1029	292·5	295	290	288·3	31	1027	293·4	296	292	288·
850	31	1522	291·6	295	288	274·8	25	1518	289·9	293	286	284·6	31	1520	291·1	295	289	285·
800	31	2039	287·4	291	285	272·7	25	2034	287·6	290	286	273·8	31	2039	288·4	291	286	279·
700	31	3152	281·0	284	278	260·9	25	3155	283·2	285	280	265·6	30	3161	282·9	285	280	270·
600	30	4406	273·7	279	270	249·0	23	4399	275·0	277	272	264·0	27	4430	276·2	279	274	261·
500	30	5846	265·1	269	261	...	22	5866	267·0	270	264	...	23	5884	267·5	271	264	...
400	30	7546	254·2	260	250	...	21	7577	256·9	260	251	...	19	7602	257·7	261	256	...
300	29	9637	241·8	246	234	...	15	9691	242·2	246	234	...	14	9711	242·4	246	239	...
250	25	10910	232·7	236	228	...	13	10957	232·9	236	228	...	8	10969	233·5	238	229	...
200	19	12393	221·1	225	217	...	9	12455	223·0	227	219	...	6	12472	223·8	228	219	...
175	16	13226	214·8	218	211	...	8	13299	217·1	224	213	...						
150	15	14208	208·7	213	205	...	8	14284	210·3	221	205	...						
125	7	15284	204·9	208	203	...	5	15348	202·6	206	199	...						
100	7	16645	198·6	203	195	...	5	16676	196·6	201	192							
80																		

	VERAVAL (1014 mb.)						VISAKHAPATNAM (1009 mb.)					
Surface	31	008	294·7	297	292	289·1	31	48	297.2	299	295	292·3
1000	31	126	...	...	...	...	31	129	...	...	...	...
900	31	1038	290·9	294	287	278·2	31	1041	291·3	299	287	283 8
850	31	1524	288·0	291	284	274·7	31	1528	288·4	293	284	279·2
800	31	2036	285·1	289	281	270·6	31	2041	285·3	288	281	275·7
700	31	3145	279·8	283	275	264·8	31	3152	280·0	287	275	267·4
600	31	4395	272·5	275	268	...	31	4417	274·6	279	271	254·6
500	30	5830	263·9	267	258	...	31	5852	265·4	271	261	...
400	30	7515	251·7	257	248	...	25	7559	255·1	260	249	...
300	29	9585	239·1	246	232	...	19	9653	242·0	249	236	...
250	27	10847	232·3	240	225	...	12	10915	233·5	243	227	...
200	24	12337	222·6	231	218	...	9	12406	224·7	238	217	...
175	21	13179	217·0	222	213	...	5	13268	216·0	225	210	...
150	18	14137	210·7	218	204	...						
125	14	15282	206·9	216	199	...						
100	8	16621	200·0	204	195	...						
80	6	17896	198·5	203	194	...						

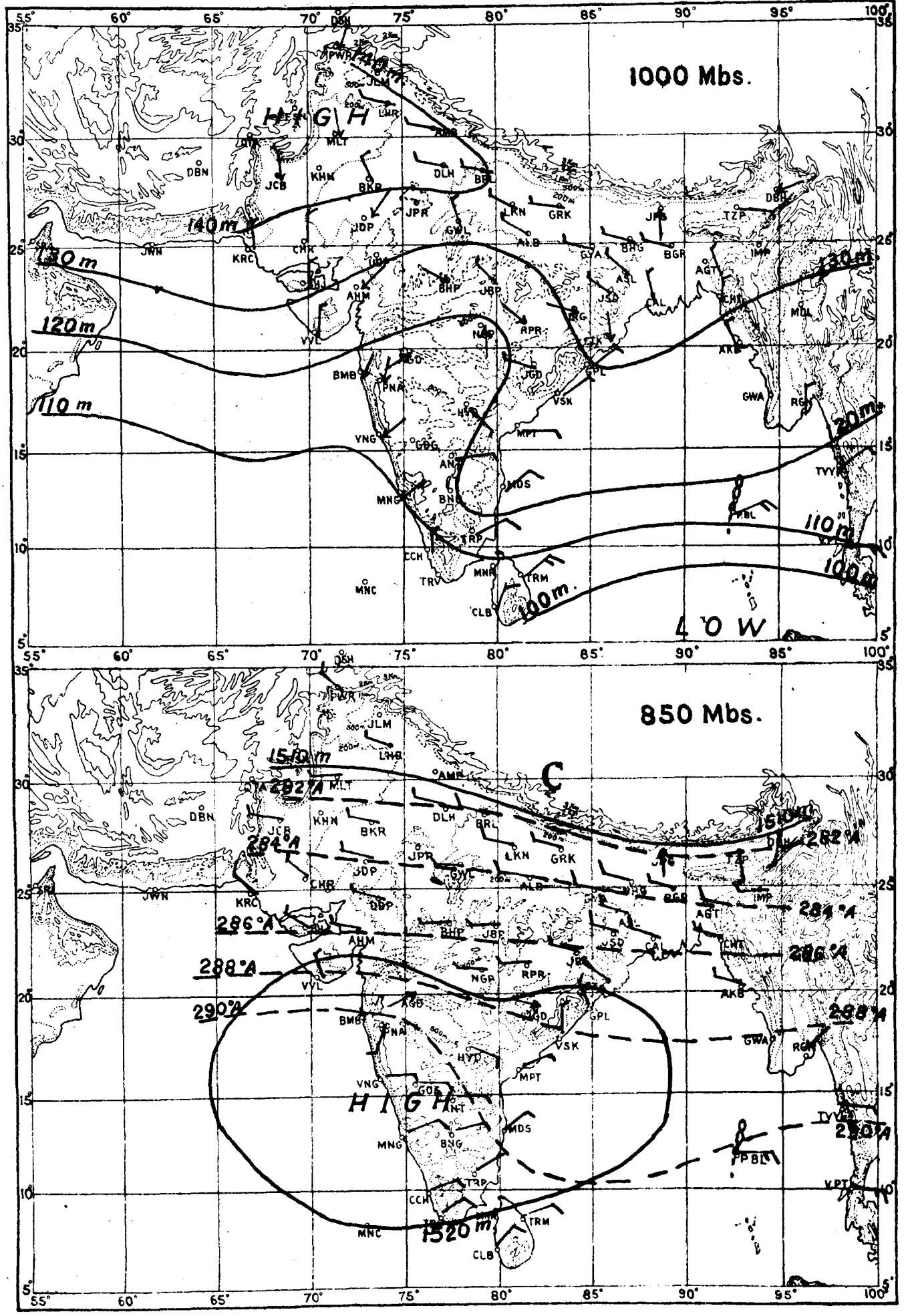
NOTE:—Number of observations refer to those of dynamic height.
Means are not worked out for temperature and dew point for the 1000 mb. surface and for dew point for standard pressure surfaces with temperatures less 273 °A.
Means are no worked out for less than five observations at standard pressure surfaces.

CIPN—S1—1DDG Ob. Poona—12-2-54—260.

MONTHLY MEAN CONSTANT PRESSURE CHARTS.

JANUARY 1953.

Plate I.



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

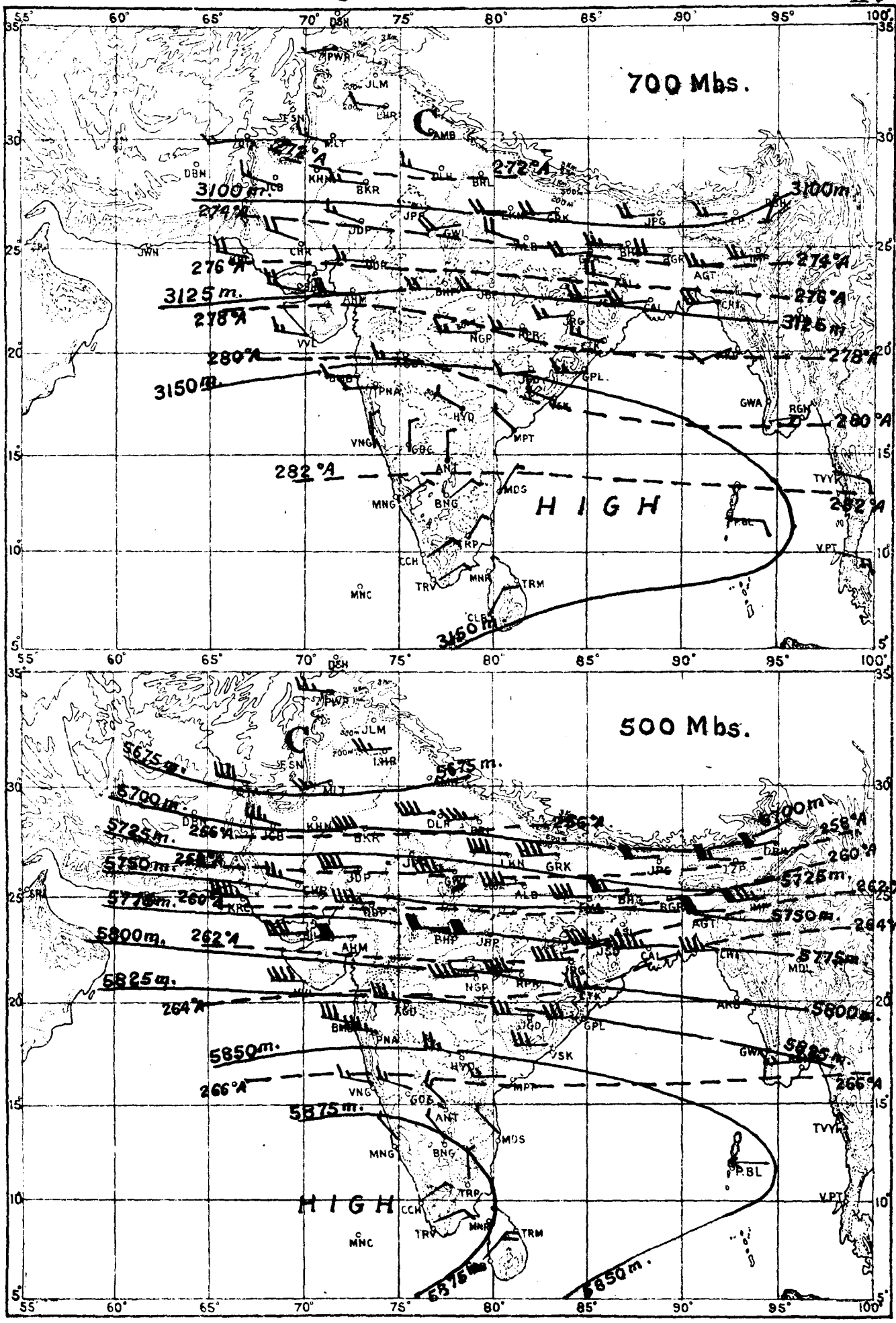
------ Isotherms in degrees absolute.

——— Contours in geopotential metres.

MONTHLY MEAN CONSTANT PRESSURE CHARTS.

JANUARY 1953.

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, 1953

Monthly Weather Report

February

Published by authority of the Government of India

Summary: The chief features of the month were: (i) The passage of eight western disturbances, and (ii) warmer weather than usual over northwest India, Uttar Pradesh and the central parts of the country.

Eight western disturbances moved across the northern parts of the country during the month. Of these, the first three were responsible for fairly widespread or local rain and snow in the neighbourhood of the Punjab-Kumaon hills between the 4th and 7th, in east Uttar Pradesh on the 6th and in Jammu and Kashmir on the 5th. Fairly widespread or local rain also occurred in Bihar, sub-Himalayan West Bengal and upper Assam on the 6th and 7th. In association with the fourth western disturbance, fairly widespread rain or thundershowers also occurred in the Punjab hills on the 11th. The remaining western disturbances of the month were feeble.

The details regarding the movement and activity of each of the western disturbances are given in the following table:

Statement showing the Movement and Activity of Western Disturbances in February 1953

S. No.	Period	Course	Regions affected	Nature of precipitation and date	Remarks
1.	2nd evening to 4th morning.	Sind and west Rajasthan, Punjab (I), northeastwards through east Uttar Pradesh.	Punjab (I) . . .	A few light showers on 3rd.	
			In and near the Punjab-Kumaon hills . .	Widespread rain or snowfall on the 4th.	
			Jammu and Kashmir.	A few snowfalls on the 4th and local rain or snow on the 5th.	
2.	3rd to 7th.	Baluchistan, Punjab (I), east Uttar Pradesh.	Jammu and Kashmir	A few snowfalls on the 6th.	
			Punjab-Kumaon hills .	Fairly widespread rainfall on the 5th and 6th.	
			Plains of the Punjab (I) .	A few falls on the 5th and 6th.	
			Plains of northwest Uttar Pradesh.	Fairly widespread thundershowers on the 6th.	
			East Uttar Pradesh, Vindhya Pradesh, east Madhya Pradesh.	Local thundershowers on the 6th.	
			West Madhya Pradesh .	A few falls on the 6th.	
			Kumaon Hills . .	Local rain or thundershowers on the 7th.	
			Upper Assam . .	Fairly widespread rain or thundershowers on the 7th.	
3.	6th to 7th.	Vindhya Pradesh northeastwards through sub-Himalayan West Bengal and the adjoining parts of Assam.	Sub-Himalayan West Bengal.	Local rain or thundershowers on the 7th.	Secondary western disturbance.
			Gangetic West Bengal, Chota Nagpur, Bihar, east Madhya Pradesh.	A few showers on the 7th.	

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WEATHER BUREAU

S. No.	Period	Course	Regions affected	Nature of precipitation and date	Remarks
4.	7th to 11th	Baluchistan northeastwards across Punjab (P), hills of the Punjab (I).	Jammu and Kashmir The Punjab hills.	A few showers on the 10th and 11th. Widespread rain or thundershowers on the 11th.	
5.	11th to 13th	Baluchistan and North West Frontier Province, Punjab (I).	Jammu and Kashmir	A few light showers on the 12th and 13th.	
6.	13th to 14th	Baluchistan, Punjab (P).	The Punjab hills Jammu and Kashmir	Local rainfall on the 15th. A few light showers on the 14th and 15th.	
7.	21st to 24th	Baluchistan and neighbourhood to the extreme north of the country.	Jammu and Kashmir	Isolated snowfall on the 22nd.	
8.	25th evening to 27th.	North Baluchistan and North West Frontier Province, Punjabs, eastwards across Punjab-Kumaon hills.	..	..	

Under the influence of a low pressure wave from the east, fairly widespread or local rain also occurred in the extreme south of the Peninsula between the 21st and 23rd.

Due to the comparatively weak western disturbances, the winter was generally mild over the country in the last three weeks of the month. During this period both day and night temperatures were appreciably to markedly above normal in northwest India, Uttar Pradesh, the central parts of the country and the adjoining parts of the Peninsula.

Total rainfall for the month was in large excess in the Bay Islands and Malabar-South Kanara. It was in large defect in northeast India outside West Bengal, in Uttar Pradesh, the Punjab (I), Vindhya Pradesh, Madhya Pradesh, Tamilnad and Mysore and in moderate defect in West Bengal and normal in Travancore-Cochin. Elsewhere weather was dry throughout the month. Averaged over the plains of India, rainfall was 75% in defect.

Mean maximum temperature was above normal in northeast India outside Assam, in Uttar Pradesh, northwest India, the central parts of the country, in Gujarat, Saurashtra and Kutch, the Konkan, Deccan (Desh) and north Hyderabad and normal over the rest of the country. Mean minimum temperature was above normal in West Bengal, Chota Nagpur, Bihar, Uttar Pradesh, northwest India, the central parts of the country, Gujarat, Saurashtra and Kutch, Deccan (Desh) and north Hyderabad and normal in the remaining divisions.

The mean relative humidity in the morning was normal over the country outside Chota Nagpur, west Rajasthan, Gujarat and Travancore-Cochin where it was below normal.

The mean cloud amount in the morning was below normal in Chota Nagpur, Bihar, Uttar Pradesh, west Rajasthan and Vindhya Pradesh, normal in Assam, West Bengal, the Punjab (I), east Rajasthan, Gujarat, Saurashtra and Kutch, Tamilnad and Mysore and above 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 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;
Dated the 7th September 1953.

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

Errata to Monthly Weather Report for February 1953.

Table II

Page No.	Station	Column	For	Read
35	Bahraich	2 and 3	84.0; +7.0	81.8; +4.8
	Najibabad	6	49.7	50.0
36	Jhalawar	2 and 3	85.3; +3.0	87.1; +4.8
	Udaipur	6 and 7	50.8; +0.2	(d); +2.1 52.7
	-	-	-	Footnote (d) mean of 27 days.
38	Pamban	28	Blank	0
	Mangalore	28	Blank	0
	Kozhikode	26	2	0
	Hassan	3;7;12;19	+2.9;+1.6; -0.17;+0.8	-1.3;-0.9; -0.24;+1.0
	Trivandrum	29	Blank	0
39	Kodaikanal	27	Blank	0

Table III

Page No.	Station	Hour	Column	For	Read
41	Dibrugarh	1730	3	--	"
42	Imphal	0830	3 & 4	2,583; 905.1	2,628; 906.6
		1130	4	903.1	904.6
		1730	4	901.0	902.5
43	Purnea	1730	19;21;23	Blank	0; 1; 0
44	Bhagalpur	0530	3 & 4	189; 1015.5	160; 1014.5
		0830	4	1017.8	1016.8
		1130	4	1017.4	1016.4
		1730	4	1013.8	1012.8
		2330	4	1016.1	1015.1
45	Bahraich	0830	18	16	18
	Najibabad	1730	4	1014.1	1014.2
46	Jammu	0830	3	1200	Delete the figures.
47	Kotah	0830	5; 6	986.4; +0.3	987.2; +1.1
	Ratlam	0830	27	12	2
	Indore	0830	27	1	13
	Bhopal (Bairagarh)	0530	27	8	3
48	Seoni	0830	4; 5; 6	901.7;944.9; -0.7	Delete the figures.
		1730	4; 5;	900.6;942.2	Delete the figures.
49	Broach	0830	21	Blank	2
		1730	21	Blank	0
51	Gadag (P.B.O.)	1730	25	Blank	0
53	Vellore	2330	3	73	"
54	Hassan	0830	12	-8	-4
		0830	14	-0.5	-0.2
	Balehonnur	0830	3	2,917	Delete the figures.
55	Mercara	1730	18;19; 20;27	Blank	25; 0; 10; 3
	Barhi	0830	3	"	--
	[illegible]	0830	3	"	

—	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
sion								
ssam (including Manipur & Tripura).	0·74	49	78·1	56·9	78	68	2·8	2·8
	−0·78	..	+1·6	+1·9	−4	..	−0·6	..
West Bengal .	0·75	69	84·6	60·8	75	50	2·2	1·7
	−0·33	..	+2·8	+2·9	+3	..	+0·1	..
Orissa. . .	0·29	28	87·6	65·5	73	55	2·5	2·3
	−0·76	..	+2·2	+1·6	+2	..	+0·5	..
Bihar . . .	0·23	22	83·6	56·5	66	47	1·4	1·4
	−0·82	..	+4·1	+2·5	−3	..	−0·5	..
Uttar Pradesh .	0·25	28	81·6	53·6	66	38	1·3	2·3
	−0·64	..	+4·7	+3·3	−3	..	−0·8	..
Punjab (I) (including PEPSU & Delhi).	0·04	3	79·9	50·5	69	39	2·5	2·5
	−1·16	..	+6·1	+2·6	−2	..	−0·1	..
Rajasthan . .	0	0	84·1	54·8	51	25	1·7	2·2
	−0·31	..	+4·9	+3·6	−4	..	−0·5	..
division								
ay Islands . .	3·09	278	86·2	71·6	76	78	3·7	3·5
	+1·98	..	+0·7	+1·1	+5	..	+0·8	..
ssam (including Manipur & Tripura).	0·74	49	78·1	56·9	78	68	2·8	2·8
	−0·78	..	+1·6	+1·9	−4	..	−0·6	..
West Bengal .	0·75	69	84·6	60·8	75	50	2·2	1·7
	−0·33	..	+2·8	+2·9	+3	..	+0·1	..
Orissa. . .	0·29	28	87·6	65·5	73	55	2·5	2·3
	−0·76	..	+2·2	+1·6	+2	..	+0·5	..
Chota Nagpur .	0·37	23	85·9	57·8	61	37	1·3	2·0
	−1·25	..	+4·9	+2·3	−6	..	−0·7	..
Bihar . . .	0·15	21	81·8	55·5	70	52	1·5	1·1
	−0·57	..	+3·4	+2·7	0	..	−0·4	..
Uttar Pradesh, East	0·35	48	83·0	54·7	65	39	0·9	1·9
	−0·38	..	+4·6	+3·1	−5	..	−1·0	..
Uttar Pradesh, West	0·15	14	80·3	52·5	67	38	1·7	2·6
	−0·90	..	+4·9	+3·4	−1	..	−0·5	..
Punjab (I) (including PEPSU and Delhi).	0·04	3	79·9	50·5	69	39	2·5	2·5
	−1·16	..	+6·1	+2·6	−2	..	−0·1	..
Jammu and Kashmir.		(Data incomplete)						
Rajasthan, West .	0	0	83·9	54·1	53	28	2·0	2·2
	−0·42	..	+5·2	+3·8	−8	..	−0·7	..
Rajasthan, East including Ajmer).	0	0	84·2	55·4	50	22	1·5	2·1
	−0·20	..	+4·6	+3·5	0	..	−0·2	..
Madhya Bharat .	0	0	86·8	55·7	47	25	1·9	2·9
	−0·19	..	+5·1	+4·2	−4	..	+0·5	..
Vindhya Pradesh .	0·01	1	86·3	53·5	59	28	1·3	2·1
	−0·77	..	+6·2	+2·0	−3	..	−0·7	..

—	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—*contd.*								
8. Madhya Bharat & Vindhya Pradesh.	0	0	86·6	54·9	51	26	1·7	2·5
	−0·41	..	+5·5	+3·4	−4	..	+0·1	..
9. Madhya Pradesh .	0·16	23	90·1	62 0	51	29	2·0	2·8
	−0·54	..	+4·9	+4·7	−3	..	+0·4	..
10. Bombay (including Saurashtra & Kutch). .	0	0	91·2	62·9	55	33	1·9	2·2
	−0·09	..	+4·0	+3·3	−2	..	+0·7	..
11. Hyderabad . .	0	0	92·3	66·5	54	25	2·6	2·8
	−0·37	..	+2·2	+2·5	−1	..	+1·2	..
12. Madras (including Travancore Cochin).	0·21	42	88·5	69·5	72	53	2·8	2·6
	−0·29	..	−0·7	−0·3	−4	..	+0·5	..
13. Mysore . .	0·06	35	86·1	61·6	64	28	2·2	2·6
	−0·11	..	−0·1	+0·1	−4	..	+0·2	..
Mean of India .	0·15	25	86·7	60·3	61	38	2·1	2·4
	−0·46	..	+3·4	+2·7	−3	..	+0·1	..
Sub-division—*contd.*								
15. Madhya Pradesh, East.	0·31	31	87·8	62·0	57	30	2·2	2·8
	−0·70	..	+3·7	+4·0	−5	..	+0·5	..
16. Madhya Pradesh, West.	0·07	14	91·3	62·0	47	28	1·9	2·8
	−0·43	..	+5·4	+5·1	−2	..	+0·4	..
17. Gujarat.	0	0	94·7	61 4	51	28	1·1	1·5
	−0·10	..	+6·6	+4·3	−7	..	−0·1	..
18. Saurashtra and Kutch.	0	0	88·9	60·6	60	40	1·6	1·4
	−0·12	..	+4·9	+3·5	+3	..	+0·2	..
19. Konkan . .	0	0	86·4	69·8	74	69	2·3	2·7
	−0·04	..	+3·2	+1·9	+4	..	+1·2	..
20. Deccan (Desh) .	0	0	92·7	62·6	47	22	2·3	2·8
	−0·09	..	+2·5	+3·2	−4	..	+1·4	..
21. Hyderabad, North.	0	0	92·0	65·6	48	23	2·4	2·8
	−0·37	..	+2·8	+3·3	−2	..	+1·1	..
22. Hyderabad. South.	0	0	92·5	67·2	58	27	2·8	2·8
	−0·37	..	+1·7	+1·9	−1	..	+1·3	..
23. Coastal Andhradesa.	0	0	87·8	68·2	76	58	2·9	2·6
	−0·53	..	−0·4	−0·6	−1	..	+0·6	..
24. Rayalaseema .	0	0	93·2	65·7	54	35	2·0	2·5
	−0·22	..	−0·7	−1·5	−5	..	+0·7	..
25. Tamilnad . .	0·29	48	87·4	70·2	74	51	2·7	2·6
	−0·32	..	−1·2	+0·8	−5	..	+0·1	..
26. Malabar and South Kanara.	0·40	308	89·1	72·2	75	63	2·7	2·5
	+0·27	..	+0·7	−0·5	−1	..	+0·7	..
27. Mysore . .	0·06	35	86·1	61·6	64	28	2·2	2·6
	−0·11	..	−0·1	+0·1	−4	..	+0·2	..
28. Travancore-Cochin	0·70	90	87·7	72·7	73	63	3·6	3·2
	−0·08	..	−0·3	−1·6	−8	..	+1·7	..

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—FEBRUARY 1953.

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 w									
	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 (0.01" 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	
Bay Islands.																												
Table Island	83·2	..	88	21	76·1	..	73	2,5,13	0	0	..	0	..	0	..	11·3	10·4	..	0	0	0	0	0	0	0	0	0	
Maya Bandar	84·5	..	88	28	70·9	..	64	5	0·15	0·90	..	0·62	1	3	..	7·8	4·6	..	2	0	0	2	0	0	0	0	0	
Long Island	86·7	..	90	28	71·2	..	60	16	1·70	1·73	..	1·70	2	1	..	2·7	1·4	..	2	0	0	0	0	0	0	0	0	
Port Blair	86·2	+0·7	90	28	71·6	+1·1	64	14	0·21	3·09	+1·98	2·36	1	4	+2·0	8·2	5·1	—2·0	6	0	0	1	4	0	0	0	0	
Kondul	83·3	..	85	6 days	77·8	..	67	28	4·85	9·05	..	3·35	7	10	..	6·2	4·3	..	13	0	0	4	0	0	0	0	0	
Car Nicobar	85·6	..	87	4 days	74·6	..	68	2	1·43	4·04	..	1·07	18	5	..	5·4	3·5	..	7	0	0	1	0	0	0	0	0	
Nancowry	90·4	..	93	22	76·1	..	73	17,18	0·46	4·06	..	1·44	17	5	..	1·0	0·9	..	8	0	0	2	0	0	0	0	0	
Assam.																												
Mawsynram (R)																												
Dibrugarh	76·8	+3·8	83	18	56·3	+1·6	47	4	0·76	2·18	—0·26	0·76	26	6	—0·2	0·5	0·3	—0·7	7	0	0	3	1	0	0	0		
Dibrugarh (Mohanbari Aerodrome)	76·7	..	83	17	52·9	..	45	4,5	0·85	1·95	..	0·84	26	6	..	3·3	1·8	..	7	0	0	5	9	0	0	0		
Sibsagar	71·4	—1·7	80	16,20	55·0	+1·4	45	4,5,	0·56	1·37	—0·65	0·60	25	3	—2·2	2·6	1·5	—0·3	6	0	0	0	19	0	0	0		
Tezpur	80·0	+3·6	86	19	58·5	+2·5	49	4,5	0	0·22	—0·86	0·22	25	1	—1·7	1·3	1·0	—1·3	1	0	0	0	1	0	0	0		
Tezpur (P.B.O.)	76·9	..	84	16,20	56·3	..	47	4,5	0	0·28	..	0·28	25	1	..	3·1	1·8	..	1	0	0	0	1	0	0	0		
Gauhati	80·2	+2·2	88	19	54·7	+0·9	45	4	0	0·17	—1·00	0·11	7	1	—1·6	3·0	1·6	+0·1	2	0	0	0	1	0	0	0		
Gauhati (Kaikuchi Aerodrome).	80·4	..	88	19	53·4	..	44	3,4	0	0·25		0·25	7	1	..	4·3	2·5 (d)	..	6	0	0	0	5	0	0	0		
Dhubri	78·9	+1·9	86	19,20,24	59·3	+3·1	52	3,5,10	0·20	0·40	—0·34	0·40	7	1	—0·5	3·5	3·0	—0·5	1	0	0	0	0	0	0	0		
Silchar	83·4	+2·8	89	20,22	57·6	+1·9	48	4	0·05	0·70	—1·19	0·60	25	1	—2·6	2·0	1·1	—0·4	3	0	0	2	0	0	0	0		
Tura	79·1	..	84	24	60·3	..	53	3,5	0·27	0·54	..	0·27	28	2	..	4·2	3·5	..	3	0	0	0	0	0	0	0		
Lumding	75·9	—1·2	83	19	..	..	..	..	..	0·17	—1·13	0·15	20	1	—2·0	2·7	1·4	..	2	0	0	0	0	0	0	0		
Agartala	84·3	..	93	19	57 6	..	45	4	0·23	1·63	..	1·63	26	1	..	..	..	..	1	0	1	0	3	0	0	0		
Imphal	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	0	0	1	2	0	0	0		
West Bengal																												
Dum Dum	86·2	..	95	28	63·4	..	52	4	0·32	0·84	..	0·52	1	2	..	4·9	3·6	..	2	0	0	0	12	0	0	0		
Calcutta	86·8	+3·1	95	19,20,26	65·1	+5·7	53	4	0·20	0·72	—0·45	0·47	1	2	+0·2	4·1	2·9	+0·3	3	0	0	0	6	0	0	0		
Barrackpore	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0	0	0	6	0	0	0		
Saugor island	80·2	—0·4	87	16,17,18	67·9	+3·3	55	4	0·09	0·58	—0·57	0·46	1	2	+0·2	9·2	9·1	+2·4	2	0	0	0	4	0	0	0		
Sandheads	..	..	..	..	..	..	..		0	0	—0·56	0	..	0	—1·1	..	..	..	0	0	0	0	0	0	0	0		
Midnapore	86·8	+1·4	97	28	61·7	+0·5	52	4	0·49	1·59	+0·24	0·76	7	2	0	3·5	2·1	+0·2	2	0	0	0	3	0	0	0		
Contai	85·3	..	92	23,27	62·0	..	50	4 days	0·20	0·27	..	0·20	2	1	..	6·6	4·7	..	3	0	0	1	1	0	0	0		
Bankura	..	..	..	..	..	..	..	..	..	0·72	—0·42	0·72	1	1	—1·1	..	..	..	..	..	..	..	..	..	..	..		
Burdwan	86·8	+3·5	95	19	59·8	+1·3	52	4	1·72	1·72	+0·40	1·62	1	2	0	1·9	0·8	—0·7	2	0	0	0	1	0	0	0		
Krishnagar	88·9	+6·2	98	19	58·6	+2·9	49	4	0·15	0·95	—0·20	0·80	1	2	+0·2	3·0	2·0	+0·3	2	0	0	0	2	0	0	0		
Asansol	84·8	+2·5	94	19	61·1	+3·7	53	4	0	0·69	—0·56	0·69	1	1	—1·5	4·4	2·7	—0·9	1	0	0	1	2	0	0	0		
Berhampore	85·6	+4·1	94	19	59·3	+2·8	50	3,4	0·04	0·29	—0·54	0·14	20	2	+0·3	2·3	1·2	—0·3	3	0	0	0	8	0	0	0		
Malda	81·6	+2·3	90	19	57·8	+3·7	51	3,5,7	0·03	0·16	—0.67	0·13	1	1	—0·7	4·4	2·8	—0·1	2	0	0	0	0	0	0	0		
Cooch-Bihar (R)																												
Jalpaiguri	79·8	+2·9	85	18,19,24	56·3	+2·5	47	3	0·10	0·11	—0·56	0·10	6	1	—0·4	3·1	2·8 (d)	+1·5	1	0	0	0	3	0	0	0		
Bagdogra	81·9	..	87	17,19,24	53·0	..	42	3	0·06	0·08	..	0·06	7	0	..	4·0	1.7	..	2	0	0	0	0	0	0	0		
Orissa.																												
Balasore	87·3	+2·5	97	20,24	64·3	+2·7	53	4	0·95	0·99	—0·38	0·91	8	1	—1·4	6·2	4·2	+1·6	2	0	0	1	1	0	0	0		
Chandbali	89·4	+4·3	98	4 days	65·9	+2·2	54	4	0	0	—1·31	0	..	0	—1·8	6·5	4·9	+0·2	0	0	0	0	0	0	0	0		
Puri	83·3	+0·4	89	18	70·8	+1·7	61	4	0	0·48	—0·44	0·48	2	1	—0·2	10·6	10·0	+1·5	1	0	0	0	1	0	0	0		
Bhubaneswar	90·5	..	99	26	66·2	..	57	4	0	0·21	..	0·21	2	1	..	6·7	7·0	..	1	0	0	0	1	0	0	0		
Cuttack	91·7	+3·5	99	5 days	67·6	+2·8	58	4	0	0	—0·78	0	..	0	—1·5	3·2	2·7	+1·2	0	0	0	0	1	0	0	0		
Cuttack (P.B.O.)	..	..	..	..	..	..	..	..	0	0	..	0	..	0	..	2·6	1·7	..	0	0	0	0	1	0	0	0		
Gopalpur	84·2	+0·7	94	18	67·5	+0·3	62	5	0	0·23	—0·67	0·23	2	1	—0·2	8·5	6·9	—0·7	1	0	0	0	0	0	0	0		
Koraput	82·9	..	89	23,26,27	57·5	..	51	3	0	0	..	0	..	0	..	..	..	..	0	0	0	0	0	0	0	0		
Angul	88·3	+1·5	97	24	62·6	+1·3	52	4	0·13	0·13	—1·00	0·13	2	1	—1·1	2·7	3·5	0	1	0	0	0	0	0	0	0		
Sambalpur	89·0	+2·7	98	25	59·6	+0·2	50	3,4	0	0·20	—0·74	0·17	6	1	—1·0	3·5	2·1	—0·3	2	0	0	0	0	0	0	0		
Jharsuguda	..	..	..	..	..	..	..	..	0·24	0·30	..	0·18	2	1	..	..	..	..	4	0	0	0	2	0	0	0		
Titilagarh	90·8	..	100	26	62·6	..	53	4	0	0	..	0	..	0	..	2·6	1·6	..	0	0	0	0	0	0	0	0		
Chota Nagpur.																												
Purulia (R)																												
Jamshedpur	87·3	+4·0	96	26	60·2	+2·5	49	3	0	0·38	—1·57	0·33	1	1	—2·7	3·9	2·9	+0·6	2	0	0	1	1	1	0	0		
Jamshedpur (P.B.O.)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0	0	2	1	0	0	0		
Ranchi	88·0	+4·2	96	27	60·3	+2·9	51	3,4	0·02	0·22	—1·27	0·12	1	1	—1·5	2·5	1·3	—0·3	3	0	0	1	0	0	0	0		
Hazaribagh	83·0	+6·1	92	27,28	55·8	+0·8	48	3	0·03	0·90	—0·90	0·90	1	1	—2·4	4·3	2·7	—1·3	1	0	0	0	0	0	0	0		

(d) Mean of 27 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
Chota Nagpur (contd.)																												
Hazaribagh (R)																												
Hazaribagh (C.W.)	82·1	..	90	27	54·9	..	46	3	0·19	0·36	..	0·36	1	1	..	2·8	1.5	...	1	0	0	0	0	0	0	0	0	0
Daltonganj	85·3	+5·4	93	19,24,26	54·8	+2·9	43	3	0	0	−1·27	0	..	0	−2·4	3·8	2·1	−0·3	0	0	0	2	0	0	0	0	0	0
Bihar.																												
Purnea	80·3	+1·4	88	19	54·0	+2·4	45	4	0	0·25	−0·37	0·20	6	1	−0·3	4·2	2·0	−0·1	2	0	0	1	1	0	0	0	0	0
Forbesgang	..	..	..	..	..	..	..	..	0	0	..	0	..	0	..	..	..	..	0	0	0	0	0	0	0	0	0	0
Darbhanga	79·5	+1·6	85	19	56·4	+3·5	49	2,4	0	0.03	−0·50	0·03	6	0	−1·4	1·1	0·3	−1·8	1	0	0	0	0	0	0	0	0	0
Motihari (R)																												
Muzaffarpur (R)																												
Chapra	..	..	..	..	..	..	..	..	..	0	−0·68	0	..	0	−1·6	..	..	..	..	..	..	..	..	..	..	..	..	..
Arrah (R)																												
Patna	82·7	+4·9	90	19,28	58·1	+3·3	40	1	0·02	0.28	−0·46	0·15	20	2	+0·4	3·9	3·1	+0.3	3	0	0	2	6	0	0	0	0	0
Patna (Aerodrome)	82·3	..	91	19	55·1	..	45	1	0·02	0.33	..	0·21	20	2	..	2·1	2·6	..	2	0	0	1	3	0	0	0	0	0
Dehri	85·9	..	91	19,25,27	59.5	..	51	1	0·10	0.35	−0·49	0·25	20	2	+0·2	4·2	2·5	..	2	0	0	0	0	0	0	0	0	0
Gaya	84·3	+4·9	93	19	56·0	+3·1	48	3	0.03	0.08	−0·77	0·05	20	0	−1·8	6·5	3·3	−0·7	3	0	0	1	0	0	0	0	0	0
Jamui	83·9	..	93	19	57·1	..	49	3,4	0·04	0.13	..	0·06	20	0	..	4·9	2·6	..	3	0	0	0	0	0	0	0	0	0
Dumka (R)																												
Sabour	82·2	+4·0	89	25,28	52·8	+1·3	42	1	0·07	0.09	−0·70	0·07	21	0	−1.7	4·8	2·4	−1·1	2	0	0	3	1	0	0	0	0	0
Bhagalpur	82·3	..	89	26	59·2	..	51	4	0·12	0.12	..	0·12	20	1	..	3·9	2·9	..	1	0	0	0	0	0	0	0	0	0
U. P., East.																												
Gonda	81·6	+3·6	90	25	51·8	+0·4	42	1	0	0·39	−0·52	0·39	6	1	−1·3	4·0	2·7	+0·4	1	0	0	1	0	0	0	0	0	0
Gorakhpur	80·9	+3·2	87	25	56·1	+4·0	48	1,2	0	0.41	−0·22	0·41	6	1	−0·8	4·5	4·5	+0·8	1	0	0	0	0	0	0	0	0	0
Azamgarh	84·8	..	93	18	54·0	..	47	4 days	0	0.15	..	0·15	6	1	..	4·0	2·3(e)	..	1	0	0	0	0	0	0	0	0	0
Banaras	84·1	+4·7	92	17	57·6	+5·5	46	3	0	0.34	−0·37	0·34	6	1	−0·9	5·3	4·7	+1·9	1	0	0	3	0	0	0	0	0	0
Banaras (Babatpur Aerodrome)	84·5	..	92	17,25	56·4	..	45	1,2	0	0.55	..	0·53	6	1	..	7·6	4·8	..	2	0	0	0	0	0	0	0	0	0
Allahabad (Bamrauli)	84·0	+4·8	91	28	55·7	+4·8	46	2	0·63	1.41	+0·78	1·31	6	2	+0·3	3·6	2·5	−0·7	2	0	0	3	0	0	0	0	0	0
Fatehpur	82·9	+3·1	89	5 days	53·7	+1·4	44	2	0	0	−0·71	0	..	0	..	5·1	2·3	+0·5	0	0	0	1	0	0	0	0	0	0
Banda	86·9	..	94	25,28	56·0	..	47	2	0	0	..	0	..	0		2·6	1·3	..	0	0	0	0	1	0	0	0	0	0
Orai	84·0	..	91	25,27,28	55·3	..	46	2	0	0	..	0	..	0	..	5·5	4·0	..	0	0	0	0	0	0	0	0	0	0
Kanpur	83·0	+6·0	90	25	54·0	+3·0	45	1	0	0	−0·66	0	..	0	−1·6	8·5	5·6	+1·6	0	0	0	0	0	0	0	0	0	0
Lucknow	83·3	+4·7	92	16,17,25	55·4	+4·0	45	1	0	0	−0·72	0	..	0	−1·6	3·0	1·8	+0·1	0	0	0	0	0	0	0	0	0	0
Lucknow (Amausi Aerodrome)	82·0	..	90	17	50·1	..	42	1,2,21	0	0	..	0	..	0	..	5·3	2·2	..	0	0	0	0	0	0	0	0	0	0
Hardoi	82·3	..	90	17,25	53·3	..	45	1,2	0	0	..	0	..	0	..	5·0	3·1	..	0	0	0	0	0	0	0	0	0	0
Lakhimpur Kheri	82·4	..	91	18	52·8	..	44	1,3	0	0.11	..	0·11	6	1	..	0·9	1·8	..	1	0	0	0	0	0	0	0	0	0
Bahraich	84·0	+7·0	91	25	53·0	+2 1	44	3	0	0.27	−0·64	0·27	6	1	−2·0	4·1	2·5	+0·4	1	0	0	2	0	0	0	0	0	0
U. P., West.																												
Jhansi	85·3	+4·4	95	28	56·1	+3·5	46	2	0	0	−0·45	0	..	0	−1·1	2·4	1·9	−0·8	0	0	0	0	0	0	0	0	0	0
Agra	81·0	+3·6	90	27,28	50·3	+2·1	40	2	0	0	−0·49	0	..	0	−1·1	3·2	1·8	−1·4	0	0	0	0	0	0	0	0	0	0
Mainpuri	82·6	+4·9	91	28	52·6	+2·8	44	1	0	0	−0·54	0	..	0	−1·2	..	..	..	0	0	0	0	0	0	0	0	0	0
Aligarh	80·8	+5·1	89	28	52·1	+1·5	43	1	0	0	−0·76	0	..	0	−2·1	..	..	..	0	0	0	1	0	0	0	0	0	0
Bareilly	81·5	+6·1	88	4 days	54·7	+4·6	45	2	0	0	−0·97	0	..	0	−1·9	4·5	2·6	+0·6	0	0	0	0	0	0	0	0	0	0
Meerut	78·4	+4·1	87	28	52·1	+4·0	44	1	..	0.26	−0·76	0·26	6	1	−1·2	..	..	..	1	0	0	0	0	0	0	0	0	0
Najibabad	79·1	..	86	27,28	49·7	..	40	2	0	0	..	0	..	0	..	4·8	3·1	..	0	0	0	0	0	0	0	0	0	0
Roorkee	78·3	+5·8	85	25,26,28	51·0	+4·0	41	2	0·07	0.29	−1·38	0·27	6	1	−1·8	4·2	2·6	+0·4	2	0	0	1	0	0	0	0	0	0
Dehradun	74·2	+4·9	83	26	51·0	+4·4	39	1	0·13	0.61	−1·86	0·46	8	2	−1·8	2·6	2·0	+0·3	2	0	0	0	0	0	0	0	0	0
Punjab (I).																												
New Delhi	80·0	+5·3	90	28	53·4	+4·2	45		0	0	−0·83	0	..	0	−1·7	6·3	4·6	..	0	0	0	0	1	0	0	0	0	0
Hissar	80·5	+4·3	93	28	47·4	+0·2	41	1,3,4	0	0	−0·54	0	..	0	−1·2	3·5	3·5	−0·4	0	0	0	0	0	0	0	0	0	0
Karnal	78·1	..	89	28	51·1	..	42	1	0·05	0.10	..	0·10	6	1	..	0·3	0·1	..	1	0	0	2	0	0	0	0	0	0
Ambala	80·3	+7·2	91	28	51·9 (j)	+4·1	..	..	0	0	−1·87	0	..	0	−3·1	5·1	4·3	+1·0	0	0	0	0	0	0	0	0	0	0
Patiala	78·3	..	89	28	50·6	..	40	1	0·04	0.04	−1·38	0·04	6	0	..	5·9	5·1	..	1	0	0	0	0	0	0	0	0	0
Ludhiana	78.7	+7·5	91	28	49·5	+2·0	45	3,20	0	0.17	−1·18	0·09	3	0	−2.7	0·3	0·1	−1·6	2	0	0	0	0	0	0	0	0	0
Ferozepur	76·3	..	92	28	47·9	..	40	1	0·10	0.16	..	0·10	5	1	..	2·6	1·5	..	2	0	0	0	0	0	0	0	0	0
Amritsar	75·3	..	90	28	45·5	..	37	1	0	0.01	..	0·01	3	0	..	7·0	5·6	..	1	0	0	1	0	0	0	0	0	0
Pathankot	73·5	..	85	27	48·6	..	40	2	0·16	0.19	..	0·18	4	1	..	2·6	2·0	..	2	0	0	0	0	0	0	0	0	0
Jammu & Kashmir.																												
Srinagar	50·3	+6·2	66	28	33·1	−3·7	25	2	0·19	1.16	−1·68	0·36	5	5	−1·2	1·6	1·7	−0·7	6	3	0	0	0	0	0	0	0	0
Gulmarg													Closed during winter months.															
Sonemarg	..	..	..	..	..	..	..	..	..	4.49	−4·84	1·70	15	7	−2·9	..	..	..	..	..	..	..	..	..	..	..	..	..

.. (R) Register not received. (j) Mean of 20 days. (e) Mean of 26 days.

Table II—Summary of Observations of Temperature, Rainfall and Weather—February 1953.

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
Jammu & Kashmir—(*contd.*)																												
Dras (R)																												
Kargil (R)																												
Leh	37·8	+4·8	55	28	16·1 (*d*)	+5·8	..	..	0	0·16	−0·15	0·12	5	1	+0·1	3·8	2·9	+1·5	3	0	0	0	0	0	0	0	0	0
Skardu (R)																												
Gurez	..	..	..	..	..		..	..	..	3·60	−3·97	0·90	14	8	−1·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Gilgit (R)																												
Misgar (R)																												
Jammu	69·5	+2·0	87	28	52·0	+0·4	45	1	–	0·65	−1·78	0·40	11	2	−1·7	..	..	..	4	0	0	0	0	0	0	0	0	0
Rajasthan, West																												
Sri Ganganagar	78·7	+5·1	95	28	49·5	+3·7	41	11	0	0	−1·13	0	..	0	−2·0	4·9	3·7	−0·5	0	0	0	0	0	0	0	0	0	0
Bikaner	82·9	+3·8	99	28	49·6	+2·5	42	20	0	0	−0·27	0	..	0	−0·7	2·3	1·5	−2·1	0	0	0	0	0	0	0	0	0	0
Jaisalmer	88·6	..	100	27	55·7	..	47	20,21	0	0	..	0	..	0	..	7·0	5·6	..	0	0	0	0	0	0	0	0	0	0
Jodhpur	86·7	+6·1	101	28	57·2	+4·6	46	19	0	0	−0·24	0	..	0	−0·6	4·9	4·2	−2·6	0	0	0	0	0	0	0	0	0	0
Phalodi	82·9	..	100	28	53·9	..	47	19	0	0	−0·19	0	..	0	−0·5	6·7	5·3	..	0	0	0	0	0	0	0	0	0	0
Barmer	87·2	+5·9	101	28	60·0	+4·4	52	1,19	0	0	−0·28	0	..	0	−0·6	5·1	4·1	−0·8	0	0	0	0	0	0	0	0	0	0
Rajasthan, East.																												
Sikar	82·5	..	97	28	48·7	..	41	8,20	0	0	..	0	..	0	..	5·8	3·5	..	0	0	0	0	0	0	0	0	0	0
Jaipur	82·8	+5·8	98	28	56·0	+5·4	49	2,8	0	0	−0·32	0	..	0	−0·8	4·6	3·2	−0·7	0	0	0	0	0	0	0	0	0	0
Jaipur (Sanganer Aerodrome).	82·3	..	97	28	54·7	..	48	8	0	0	..	0	..	0	..	6·7	5·8	..	0	0	0	0	0	0	0	0	0	0
Ajmer	82·3	+5·3	96	28	53·6	+3·7	47	20	0	0	−0·26	0	..	0	−0·7	4·6	2·6	+0·5	0	0	0	0	0	0	0	0	0	0
Kotah	87·6	+5·5	98	28	59·2	+3·8	51	2	0	0	−0·21	0	..	0	−0·5	2·4	1·6	−0·1	0	0	0	0	0	0	0	0	0	0
Jhalawar	85·3	+3·0	98	28	57·3	+4·5	50	2	0	0	−0·08	0	..	0	−0·4	1·5	0·8	−1·8	0	0	0	0	0	0	0	0	0	0
Udaipur	83·0	+3·6	98	28	50·8	+0·2	47	19	0	0	−0·14	0	..	0	−0·5	2·4	1·3	..	0	0	0	0	0	0	0	0	0	0
Madhya Bharat.																												
Gwalior (P. B. O.)	83·3	+2·9	93	27	52 1	+2·2	40	2	0	0	−0·32	0	..	0	−0·8	2·7	2·7	..	0	0	0	0	0	0	0	0	0	0
Sheopur Kalan	87·8	..	99	28	53·4	..	45	2	0	0	..	0	..	0	..	3·8	2·8	..	0	0	0	0	0	0	0	0	0	0
Guna	86·9	+5·7	97	27,28	54·0	+3·8	43	2	0	0	−0·19	0	..	0	0·6	5·4	2·8	0	0	0	0	0	0	0	0	0	0	0
Neemuch	86·5	+5·7	97	28	58·0	+6·1	51	7	0	0	−0·15	0	..	0	−0·4	4·9	4·2	−0·4	0	0	0	0	0	0	0	0*	0	0
Ratlam	89·1	..	100	28	59·9	..	54	1,2,4	0	0	..	0	..	0	..	5·1	5·3	..	0	0	0	0	0	0	0	0	0	0
Indore	89·2	+5·6	98	28	56·0	+4·9	48	1	0	0	−0·14	0	..	0	−0·5	6·2	3·5	−0·6	0	0	0	0	0	0	0	0	0	0
Bhopal (Bairagarh)	88·2	+5·4	97	28	58·5	+3·9	50	4 days	0	0	−0·15	0	..	0	−0·5	7·7	6·0	+1·2	0	0	0	0	0	0	0	0	0	0
Vindhya Pradesh.																												
Nowgong	86·1	+6·1	95	28	51·9	+1·2	43	2,3	0	0	−0·57	0	..	0	−1·3	4·1	2·1	+0·5	0	0	0	0	0	0	0	0	0	0
Sutna	86·0	+6·7	93	28	54·9	+2·7	45	2	0	0	−0·78	0	..	0	−1·8	4·2	2·4	−0·2	0	0	0	0	0	0	0	0	0	0
Umaria	86·8	+5·7	95	24,27	53·8	+2·1	42	1	0·01	0·03	−0·97	0·02	12	0	−1·9	3·9	1·9	−0·6	2	0	0	1	0	0	0	0	0	0
Madhya Pradesh, East.																												
Gondia	90·3	..	98	28	63·0	..	52	3	0	0.27	..	0·27	6	1	..	3·6	1·8	..	1	0	0	1	0	0	0	0	0	0
Pendra	83·7	+5·6	94	24	59·4	+4·9	49	3	0·03	0.70	−0·77	0·37	6	2	−0·9	5·8	3·4	0	2	0	0	3	0	0	0	0	0	0
Raigarh	90·3	..	99	25	62·5	..	51	3	0	0.07	..	0·07	7	0	..	3·7	2·7	..	1	0	0	0	0	0	0	0	0	0
Ambikapur	83·4	..	92	24	52·2	..	42	3	0	0.48	..	0·25	6	2	..	6·3	4·4	..	2	0	0	1	0	0	0	0	0	0
Champa	89·5	..	98	25,28	62·9	...	53	3,4	0	0	..	0	..	0	..	4·1	3·3	..	0	0	0	1	0	0	0	0	0	0
Raipur	89·1	+3·1	98	25,28	64·9	+4·8	52	4	0	0.54	−0·33	0·54	6	1	−0·8	4·4	3·2	−0·4	1	0	0	1	0	0	0	0	0	0
Kanker	89·3	+3·6	95	4	61·8	+3·4	52	3	0	0.07	−0·79	0·07	6	0	−2·1	2·9	1·9	−0·8	1	0	0	0	0	0	0	0	0	0
Chanda	..	..	..	..	65·1	+5.6	53	3	0·18	0.26	−0·55	0·26	5	1	−0·3	3·3	2·7	+0·6	1	0	0	1	0	0	0	0	0	0
Sironcha	93·2	..	100	28	67·7	..	57	3	0	0	..	0	..	0	..	5·0	3·4	..	0	0	0	0	3	0	0	0	0	0
Jagdalpur	89.1	+2·5	98	26	58·9	+1·2	51	4	0	0	−1·08	..	0	0	1·6	3·8	1·9	−2·0	0	0	0	0	0	0	0	0	0	0
Madhya Pradesh, West.																												
Buldhana	91·1	..	98	26,28	67.9	..	59	1,3,7	0	0	..	0	..	0	..	7·8	5·8	..	0	0	0	0	0	0	0	0	0	0
Akola	95·8	+5·2	104	28	63·9	+6·1	52	1	0	0	−0·90	0	..	0	−0·6	5·1	3·9	+0·8	0	0	0	0	0	0	0	0	0	0
Amravati	93·2	+3·9	102	26	68·3	+6·2	57	3	0	0	−0·44	0	..	0	−0·8	5·8	6·0	+2·0	0	0	0	0	0	0	0	0	0	0
Yeotmal	92·2	..	100	26,28	66·7	..	57	1	0	0	..	0	..	0	..	6·9	5·9	..	0	0	0	0	0	0	0	0	0	0
Khandwa	94·6	+5·9	102	28	60·7	+4·8	50	2,3	0	0	−0·16	0	..	0	−0·4	6·5	4·2	+0·8	0	0	0	0	0	0	0	0	0	0
Hoshangabad	91·3	+6·4	100	28	62·4	+4·9	52	3	0	0·08	−0·30	0·08	..	0	−0·9	2·9	2·7	+0·5	1	0	0	1	0	0	0	0	0	0
Sagar	85·3	+4·7	95	28	61·4	+5·7	52	2	0	0·01	−0·46	0·01	12	0	−1·2	9·3	8·6	0	1	0	0	3	0	0	0	0	0	0
Jabalpur	89·9	+8·5	99	24	56·7	+5·7	47	2	0	0	−0·76	0	..	0	−1·7	3·8	2·5	+0·8	0	0	0	1	0	0	0	0	0	0
Mandla	86·9	..	96	24	54·4	..	41	3	0	0·75	..	0·62	6	2	..	3·3	1·6	..	2	0	0	1	0	0	0	0	0	0
Seoni	87·4	+4·4	97	24	59·8	+4·9	48	3	0	0·20	−0·61	0·20	5	1	−1·	5.6	3·5	+0·7	1	0	0	0	0	0	0	0	0	0

(R) Register not received.

(*d*) Mean of 27 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
dhya Pradesh, West—(contd.)																												
Chhindwara	87·3	..	96	28	59·3	..	47	3	0	0	..	0	..	0	..	5·3	3·1	..	0	0	0	1	0	0	0	0	0	0
Betul	89·1	..	99	27	59·1	..	48	1	0	0	..	0	..	0	..	4·9	3·1	..	0	0	0	0	0	0	0	0	0	0
Nagpur	92·7	+4·5	101	25	62·5	+2·6	51	3	0	0·24	−0·41	0·24	5	1	−0·4	5·1	3·1	..	1	0	0	1	0	0	0	0	0	0
Gujarat.																												
Deesa	91·7	..	105	28	57·2	..	50	20	0	0	..	0	..	0	..	..	..	..	0	0	0	0	0	0	0	0	0	0
Surat	98·0	+8·6	107	27,28	64·4	+4·4	56	1	0	0	−0·08	0	..	0	−0·2	4·4	4·1	+0·9	0	0	0	0	0	0	0	0	0	0
Ahmedabad	92·8	+6·0	105	28	59·6	+2·4	51	1	0	0	−0·08	0	..	0	−0·2	6·1	3·5	+0·9	0	0	0	0	0	0	0	0	0	0
Dohad	92·4	+5·7	103	28	62·9	+6·4	55	1	0	0	−0·04	0	..	0	−0·2	6·0	5·7	+2·5	0	0	0	0	0	0	0	0	0	0
Baroda	95·5	+6·1	107	28	58·7	+3·9	48	1	0	0	−0.21	0	..	0	−0·3	3·0	2·3	0	0	0	0	0	0	0	0	0	0	0
Baroda (Aerodrome)	94·5	..	105	27,28	61·8	..	51	1	0	0	..	0	..	0	..	5·9	4·5	..	0	0	0	0	1	0	0	0	0	0
Broach	98·3	..	109	28	61·7	..	54	2	0	0	..	0	..	0	..	4·0	3·5	..	0	0	0	0	1	0	0	0	0	0
Maharashtra and Kutch																												
Bhuj	88·6	+4·9	102	28	59·1	+2·6	52	19	0	0	−0·17	0	..	0	−0·4	4·4	2·7	−1·9	0	0	0	0	0	0	0	0	0	0
Bhuj (P.B.O.)	..	..	..	..	..	..	..	..	0	0	..	0	..	0	..	4·0	2·3	..	0	0	0	0	1	0	0	0	0	0
Dwarka	82·5	+4·0	90	14	65·4	+2·2	60	8	0	0	−0·24	0	..	0	0·5	9·7	8·4	−0·3	0	0	0	0	0	0	0	0	0	0
Porbandar	88·5	..	98	28	64.1	..	58	1,2	0	0	..	0	..	0	..	8·4	7·8	..	0	0	0	0	0	0	0	0	0	0
Jamnagar	87·6	+3·7	96	26,28	58·7	+5·1	49	20	0	0	−0·08	0	..	0	−0·2	..	..	..	0	0	0	0	3	0	0	0	0	0
Rajkot	92·3	+5·8	103	27,28	58·7	+4·4	50	20	0	0	−0·09	0	..	0	−0·3	8·0	6·1	+1·3	0	0	0	0	3	0	0	0	0	0
Rajkot (Aerodrome)	92·1	..	104	28	56·6	..	46	20	..	0	..	0	..	0	..	..	7·7	..	0	0	0	0	4	0	0	0	0	0
Veraval	88·1	..	101	28	60·4	..	51	20	0	0	−0·07	0	..	0	−0·2	10·6	8·9	+3·3	0	0	0	0	1	0	0	0	0	0
Mahuva	94·0	..	106	26	64.0	..	57	5,6,20	0	0	..	0	..	0	..	8·9	6·3	..	0	0	0	0	0	0	0	0	0	0
Bhavnagar	93·5	+6·2	103	28	60·9	+3·3	53	20	0	0	−0·06	0	..	0	−0·2	5·2	3·5	−0·7	0	0	0	0	0	0	0	0	0	0
Bhavnagar (Aerodrome)	91·1	..	100	28	62·0	..	55	1,20	..	0	..	0	..	0	..	..	8·6	..	0	0	0	0	0	0	0	0	0	0
Konkan.																												
Dahanu	83·4	..	91	28	64·3	..	58	1	0	0	..	0	..	0	..	9·3	6·8	..	0	0	0	0	0	0	0	0	0	0
Bombay (Colaba)	87·7	+4·6	95	26,27	69·9	+2·5	64	1,2	0	0	−0·08	0	..	0	−0·1	6·4	4·8	−2·2	0	0	0	0	0	0	0	0	0	0
Bombay (Santacruz Aerodrome).	90·6	+5·7	103	27	62·4	+2·1	55	2,8	0	0	−0·08	0	..	0	−0·1	8·2	5·0	..	0	0	0	0	2	0	0	0	0	0
Alibag	85·8	+3·2	94	26	66·1	+1·2	58	1,2	..	0	−0·03	0	..	0	−0·2	..	3·0	−2·4	0	0	0	0	0	0	0	0	0	0
Harnai	84·3	..	90	10 ,17,18	74·7	..	70	1,2	0	0	..	0	..	0	..	7·7	5·6	..	0	0	0	0	0	0	0	0	0	0
Ratnagiri	87·7	..	93	17	69·2	..	60	1	0	0	..	0	..	0	..	..	..	..	0	0	0	0	0	0	0	0	0	0
Devgad	86·9	..	92	18	71·7	..	65	1	0	0	..	0	..	0	..	9·2	7·3	..	0	0	0	0	0	0	0	0	0	0
Vengurla	89·2	..	95	16	67·7	..	60	1	0	0	..	0	..	0	..	..	..	..	0	0	0	0	0	0	0	0	0	0
Marmagao	85·8	+1·9	90	9,16	73·3	+2·1	68	1,2	0	0	0	0	..	0	0	8·7	6·9	+0·7	0	0	0	0	0	0	0	0	0	0
Karwar	87·3	..	93	14	67·7	..	60	14	0	0	..	0	..	0	..	..	..	..	0	0	0	0	0	0	0	0	0	0
Honavar	88·6	..	94	14,16	69·3	..	64	2	0	0	−0·06	0	..	0	−0.1	4·3	3·3	..	0	0	0	0	0	0	0	0	0	0
Deccan (Desh).																												
Khandala	..	..	..	..	..	..	..	..	..	0	−0·12	0	..	0	−0.3	..	..	..	0	..	..	..	..	..	..	..	..	..	..
Jalgaon	97·1	...	105	26	60·5	..	48	1	0	0	−0·11	0	..	0	−0.4	6·8	5·6	..	0	0	0	0	0	0	0	0	0	0
Malegaon	94·8	+4·9	103	26	58 8	+4·1	49	1	0	0	−0.09	0	..	0	−0.2	4·4	3·1	−1·1	0	0	0	0	0	0	0	0	0	0
Deolali	92·5	..	100	28	57·1	..	48	1	..	0	..	0	..	0	..	..	3·0	..	0	0	0	0	0	0	0	0	0	0
Ahmednagar	92·6	+4·1	101	25	60·7	+4·8	52	1	0	0	−0·13	0	..	0	−0·3	5·9	3·9	−0·9	0	0	0	0	0	0	0	0	0	0
Poona	94·3	+3·8	102	28	59·1	+4·3	50	1	0	0	−0·06	0	..	0	−0 2	2·2	1·2	−3·0	0	0	0	0	0	0	0	0	0	0
Poona (Lohagaon Aerodrome).	92·9	..	100	28	61·5	..	52	1	0	0	..	0	..	0	..	..	..	..	0	0	0	0	0	0	0	0	0	0
Jeur	93·7	..	101	31	61·5	..	49	1	0	0	..	0	..	0	..	7·0	4·1	..	0	0	0	0	0	0	0	0	0	0
Sholapur	94·1	+1·6	101	28	65·6	+2·9	54	1	0	0	−0·13	0	..	0	−0·3	7·9	6·1	+0·6	0	0	0	0	0	0	0	0	0	0
Miraj	93·5	+3·0	99	28	62·3	+3·3	54	1	0	0	0	0	..	0	0	6·4	5·1	+0·5	0	0	0	0	0	0	0	0	0	0
Kolhapur	92·3	..	98	27,28	62·0	..	54	1	0	0	..	0	..	0	..	5·7	4·7	..	0	0	0	0	0	0	0	0	0	0
Bijapur	92·2	+1·2	99	28	67·3	+3·4	60	2	0	0	−0·09	0	..	0	−0·2	5·2	4·2	+0·8	0	0	0	0	0	0	0	0	0	0
Belgaum	88·8	+0·5	94	26,27,28	60·1	+0·8	52	1	0	0	−0·05	0	..	0	−0·1	6·2	3·7	+0·8	0	0	0	0	2	0	0	0	0	0
Belgaum (Sambre Aerodrome)	89·6	..	95	27,28	61·8	..	54	1	0	0	..	0	..	0	..	10·6	7·8	..	0	0	0	0	0	0	0	0	0	0
Gadag	91·7	+1·0	98	27,28	67·0	+2·1	61	2	0	0	−0·16	0	..	0	−0·4	6·9	4·9	+0·6	0	0	0	0	0	0	0	0	0	0
Hyderabad, North.																												
Aurangabad	92·9	+4·3	100	27,28,29	64·9	+5·3	55	1	0	0	−0·17	0	..	..	−0·4	6·2	5·0	−0·4	0	0	0	0	0	0	0	0	0	0
Aurangabad (Chikalthana Aerodrome).	92·0	..	99	26,28	58·1	..	49	1	0	0	..	0	..	0	..	6·4	3·9	..	0	0	0	0	0	0	0	0	0	0
Parbhani	93·9	..	101	26,27,28	64·5	..	54	1	0	0	−0·29	0	..	0	−0·7	..	..	..	0	0	0	0	0	0	0	0	0	0
Ramagundam	93·7	..	101	26,28	69·9	..	65	15,17	0	0	..	0	..	0	..	5·1	4·0	..	0	0	0	0	0	0	0	0	0	0
Nizamabad	93·0	+2·2	100	27,28	65·9	+3·9	56	1	0	0	−0·67	0	..	0	−1·2	4·4	3·1	+0·6	0	0	0	0	0	0	0	0	0	0
Bidar	90·2	+2·0	97	28	66·1	+0·6	60	1,4	0	0	−0·36	0	..	0	−0·7	5·6	7·1	+0·9	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									
	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 0830-0730 hours.	Mean 24 hours.	Departure from normal	Precipitation (·01" or more).	Snow or sleet.	Hail.	Thunder heard.	Fog.	Duststorm.	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	93·2	+0·9	100	28	67·0	+2·7	60	13	0	0	−0·27	0	..	0	−0·5	8·2	6·1	+0·7	0	0	0	0	0	0	0	0	0
Raichur	92·3	+0·2	99	27	69·7	+1·3	65	14,19	0	0	−0·28	0	..	..	−0·6	6·3	6·4	+1·1	0	0	0	0	0	0	0	0	0
Mahabubnagar	90·3	..	97	27,28	64·3	..	58	1,13	0	0	..	0	..	0	..	7·7	5·7	..	0	0	0	0	0	0	0	0	0
Hyderabad (Nizamiah)	92·0	+2·7	99	27,28	64·0	+1·5	59	13,19	0	0	−0·36	0	..	0	−0·9	6·7	4·9	+1·1	0	0	0	0	0	0	0	0	0
Hyderabad (Begumpet Aerodrome).	89·5	..	97	28	63·2	..	57	1	0	0	..	0	..	0	..	9·0	6·3	..	0	0	0	0	0	0	0	0	0
Hakimpet	..	..	..	..	65·8	..	61	1,2	0	0	..	0	..	0	..	..	..	..	0	0	0	0	0	0	0	0	0
Hanamkonda	92·5	+3·0	99	26,27,28	68·1	+2·2	62	3	0	0	−0·58	0	..	0	−1·1	6·6	6·1	+1·2	0	0	0	0	0	0	0	0	0
Bhadrachallam	93·8	..	101	27	68·1	....	63	19	0	0	..	0	..	0	..	4·0	3·9	..	0	0	0	0	7	0	0	0	0
Khammameth	93·1	..	99	26	69·9	..	65	19	0	0	..	0	..	0	..	6·0	4·8	..	0	0	0	0	0	0	0	0	0
Coastal Andhradesa.																											
Nellore	88·9	−0·5	93	26,28	68·8	−1·0	65	13	0	0	−0·24	0	..	0	−0·5	5·9	3·6	+0·3	0	0	0	0	0	0	0	0	0
Ongole	87·0	..	92	17	69·4	..	66	9,14	0	0	..	0	..	0	..	6·1	3·6	..	0	0	0	0	0	0	0	0	0
Gannavaram	90·1	..	96	26,27	67·6	..	63	8,19	0	0	..	0	..	0	..	8·3	5·5	..	0	0	0	0	1	0	0	0	0
Masulipatam	85·3	−0·8	90	17	69·6	+1·0	66	19	0	0	−0·53	0	..	0	−0·6	7·6	5·0	+1·2	0	0	0	0	0	0	0	0	0
Kakinada	85·5	−0·1	94	25,26	69·8	+0·1	66	8	0	0	−0·32	0	..	0	−0·6	7·0	4·8	+0·1	0	0	0	0	0	0	0	0	0
Visakhapatnam	87·7	−1·3	96	19	66·8	−0·9	62	18,19	0	0	−0·94	0	..	0	−1·1	7·1	4·2	+1·0	0	0	0	0	0	0	0	0	0
Calingapatam	84·9	−1·5	94	19	66·6	−1·2	63	4 days	0	0	−0·61	0	..	0	−1·3	5·8	5·1	+0·1	0	0	0	0	1	0	0	0	0
Rentachintala	94·3	+1·9	103	28	67·4	−1·7	57	13	0	0	−0·53	0	..	0	−1·3	4·9	4·1	−0·8	0	0	0	0	0	0	0	0	0
Rayalaseema.																											
Arogyavaram	84·9	..	91	28	60·9	..	54	11	0	0	..	0	..	0	..	6·3	4·5	..	0	0	0	0	1	0	0	0	0
Cuddapah	93·8	−0·5	99	26,27,28	65·0	−4·6	62	4 days	0	0	−0·12	0	..	0	−0·2	8·4	7·0	+1·0	0	0	0	0	0	0	0	0	0
Bellary	91·8	−2·0	97	26,27,28	67·3	+1·2	60	11	0	0	−0·18	0	..	0	−0·3	5·7	3·4	+0·5	0	0	0	0	0	0	0	0	0
Kurnool	93·9	+0·4	101	26,27	64·8	−1·2	58	13	0	0	−0·28	0	..	0	−0·5	6·6	5·0	+1·5	0	0	0	0	0	0	0	0	0
Anantapur	91·7	..	98	28	64·2	..	56	13,14	0	0	−0·30	0	..	0	−0·4	7·9	6·9	..	0	0	0	0	0	0	0	0	0
Tamilnad.																											
Palayamcottai	93·0	..	97	27,28	72·8	..	68	1,14	0·28	0·62	−0·55	0·34	21	2	+0·3	8·6	5·8	..	3	0	0	0	0	0	0	0	0
Pamban	84·7	−0·1	86	6 days	78·9	+3·9	77	21	0	1·15	+0·29	1·15	21	1	−0·4	13·8	9·5	+2·8	1	0	0	1	0	0	0	0	0
Mathurai	90·9	+0·6	96	19	69·1	−0·4	63	1	0·59	0·69	+0·16	0·50	21	2	+1·3	5·8	4·1	+0·3	3	0	0	0	0	0	0	0	0
Nagapattinam	82·6	−2·2	85	26,27	75·1	+1·9	69	3,12	0	0·01	−0·82	0·01	21	0	−1·0	11·2	11·3	+4·6	1	0	0	0	0	0	0	0	0
Tiruchirapalli	90·0	−1·5	94	19	69·1	−0·2	63	1,2	0·04	0·19	−0·30	0·18	21	1	+0·4	6·0	5·1	+1·3	2	0	0	1	0	0	0	0	0
Coimbatore	88·4	−2·5	92	27,28	68·6	+2·1	63	10	0	0·09	−0·27	0·09	22	0	−0·5	6·9	4·7	+2·1	1	0	0	0	0	0	0	0	0
Coimbatore (Peelamedu Aerodrome)	89·7	..	94	19,28	65·4	..	58	10	0	0·67	..	0·67	22	1	..	10·3	7·6	..	1	0	0	3	0	0	0	0	0
Salem	91·8	−1·3	96	28	67·3	+0·3	61	10	0	0	−0·33	0	..	0	−0·6	6·0	7·0	+2·5	0	0	0	2	0	0	0	0	0
Kallakurichi	89·1	..	92	4 days	68·3	..	64	2	0·58	1·67	..	1·09	22	2	..	..	..	..	3	0	0	1	0	0	0	0	0
Cuddalore	84·1	−1·0	88	22	68·9	−1·1	63	12	0	0	−0·90	0	..	0	−1·2	6·8	4·6	+0·9	0	0	0	0	0	0	0	0	0
Vellore	88·3	−0·6	95	28	65·5	−0·7	60	13,14	0	0	−0·25	0	..	0	−0·6	5·4	4·0	+1·3	0	0	0	1	0	0	0	0	0
Madras	85·9	−2·4	90	28	69·5	+1·1	65	2,13	0	0·19	−0·22	0·19	21	1	+0·3	8·2	5·6	−0·9	1	0	0	0	0	0	0	0	0
Madras (Nungambakkam).	86·0	..	88	24,28	68·5	..	63	2,13	..	0·16	..	0·16	21	1	..	..	2·9	..	1	0	0	1	0	0	0	0	0
Malabar & South Kanara.																											
Mangalore	88·8	+0·6	94	9,10	72·3	−0·2	68	11	0	0	−0·07	0	..	0	−0·1	6·3	5·0	−0·1	0	0	0	0	0	0	0	0	0
Koshikode	89·4	+0·9	92	21	72·1	−0·9	68	11	0·75	0·80	+0·61	0·75	23	1	+0·7	8·1	6·9	+0·8	2	0	0	3	0	0	2	0	0
Palghat	95·6	..	99	27,28	73·3	..	66	2	0	0·32		0·21	22	2	..	9·0	6·2	..	2	0	0	2	0	0	0	0	0
Mysore.																											
Chitaldrug	88.1	−1·5	93	28	66·7	+0·5	60	13	0	0	−0·11	0	..	0	−0·2	7·6	5·9	+2·1	0	0	0	0	0	0	0	0	0
Shimoga	91·2	..	99	27	59·9	..	51	14	0	0	..	0	..	0	..	5·3	2·9	..	0	0	0	0	5	0	0	0	0
Hassan	85·7	+2·9	91	26,27	58·6	+1·6	53	12,14	0	0	−0·17	0	..	0	−0·3	6·1	3·9	+0·8	0	0	0	0	0	0	0	0	0
Bangalore (Central observatory)	84·0	−1·6	90	28	59·8	−0·2	55	17	0	0·18	−0·08	0·18	22	1	−0·6	8·1	7·0	−2·3	1	0	0	1	0	0	0	0	0
Bangalore (Aerodrome)	84·6	..	90	27,28	59·4	..	55	11	0	0·85	..	0·85	22	1	..	..	..	..	1	0	0	1	0	0	0	0	0
Mysore	86·3	−2·6	91	27,28	62·8	−1·4	57	14	0	0·10	−0·14	0·10	22	1	+0·5	9·7	7·6	+2·9	1	0	0	0	4	0	0	0	0
Balehonnur	86·5	+2·2	90	28	60·3	+0·2	56	1,2,3	..	0	−0·06	0	..	0	−0·2	..	..	..	0	0	0	0	0	0	0	0	0
Travancore-Cochin.																											
Fort Cochin	87·4	+0·4	91	11	73·9	−1·6	71	4 days	0·01	0·43	−0·37	0·37	22	1	−0·2	7·8	5·6	+0·8	2	0	0	4	0	0	0	0	0
Cochin (Willingdon Island Aerodrome)	88·5	..	91	4 days	71·7	..	65	10	0	0·29	..	0·26	22	1	..	6·5	3·6	..	2	0	0	3	0	0	0	0	0
Alleppey	88·9	..	91	7	72·6	..	68	10	0·44	1·01	..	0·50	25	2	..	8·8	5·9	..	4	0	0	5	0	0	0	0	0
Trivandrum	88·1	−0·9	92	19	71·6	−1·6	68	1	0·97	0·97	+0·21	0·75	22	2	−0·7	5·4	3·9	+0·5	3	0	0	4	0	0	0	0	0

vision 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
Stations—excluding Kashmir.																												
ohima	62·8	..	68	25	51·0	..	41	3	0·10	0·85	..	0·35	25	4	..	0·1	6·6	..	4	0	0	1	0	1	0	3	0	0
jal	72·7	..	79	19	56·3	..	47	4	0·03	0·55	..	0·50	26	1	..	4·8	4·3	..	3	0	1	1	0	0	0	0	0	0
illong	63·9	+1·4	74	19,20	43·6	+1·2	33	2,3	0·61	0·81	−0·25	0·46	7	3	+0·2	1·3	0·6	−1·7	6	0	0	3	0	3	0	0	0	0
errapunji	64·5	+2·3	71	21	49·3	+0·8	40	4	0·24	0·26	−1·85	0·20	3	1	−2·5	7·8	5·5	+0·5	2	0	0	2	15	0	0	0	0	0
arjiling	52·3	+4·5	61	28	39·3	+2·7	30	3	0·12	0·28	−0·91	0·12	67	1	−1·6	4·7	4·3	+0·2	6	0	0	0	5	0	0	0	0	0
arjiling (Raj Bhawan)	54·4	..	62	20	41·4	..	32	2	0·15	0·28	..	0·18	17	1	..	1·9	1·4	..	4	0	0	0	28	0	0	0	0	0
alimpong	64·6	+3·3	70	16,18	51·4	+3·1	39	3	0	0	−1·13	0	..	0	−3·0	0·9	0·5	−6·4	0	0	0	0	0	0	0	0	0	0
atmandu	70·4	+2·2	78	25,26,27	39·3	−0·6	29	2	0·03	0·03	−1·64	0.03	7	0	−5.5	1·8	1·1	−0·2	1	0	0	0	16	0	3	0	0	0
ukteswar (Kumaon)	57·8	+7·3	75	26	41·8	+6·0	30	1	0·06	0·18	−2·35	0·09	4	0	−4·7	8·6	7·7	+1·9	3	1	0	1	0	0	24	0	0	0
inital	57·7	..	71	26	41·2	..	31	1	0·24	0·38	..	0·26	4	1	..	5·5	5·3	..	4	0	0	0	0	0	0	0	0	0
kpal	Closed during winter months.																											
muna Chetty	..	..	..	..	..	..	..	..	..	1·80	..	1·00	6	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
ussooree	58·6	+8·1	74	26	43·4	+5·7	30	1	0·63	1·55	−1·86	0·80	4	2	−3·2	3·5	3·7	−0·8	3	0	0	0	0	0	0	0	0	0
arsali	..	..	..	..	..	..	..	..	..	3·29	..	1·10	4	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
na	..	..	..	..	..	..	..	..	..	0·45	..	0·17	6	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
nla	54·6	+5·8	69	26	42·7	+6·6	31	1,2,4	1·00	1·71	−1·21	0·78	4	3	−2·7	2·0	1·7	−2·0	4	0	0	0	0	0	0	0	0	0
arampore	..	..	..	..	..	..	..	..	..	1·36	−1·93	0·70	4	3	−2·5	..	..	..	..	..	..	..	..	..	..	..	..	..
elang	..	..	..	..	..	..	..	..	..	2·33	−0·21	0·72	14	7	+1·2	..	..	..	..	..	..	..	..	..	..	..	..	..
ndla	..	..	..	..	..	..	..	..	..	1·81	..	0·60	14	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
thi	..	..	..	..	..	..	..	..	..	4·04	..	1·55	13	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
ksar	..	..	..	..	..	..	..	..	..	2·89	..	1·44	5	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
lhausie	62·0	..	85	13	44·0	..	32	4	0·40	1·08	..	0·53	4	4	−4·5	1·8	2·9	..	4	1	0	0	0	0	0	0	0	0
aramshala	65·0	..	77	28	50·9	..	41	4	0·50	1·18	..	0·42	4	4	..	..	..	..	5	0	0	0	0	0	0	0	0	0
chmarhi	81·4	+6·1	89	24,28	56·5	+5·8	43	3	0	0	−0·67	0	..	0	−1·5	3·5	2·5	−0·6	0	0	0	1	0	0	0	0	0	0
u	75·2	+7·2	87	27	56·4	+3·3	49	1,7	0	0	−0·23	0	..	0	−0·6	3·8	2·9	−1·5	0	0	0	0	0	0	0	0	0	0
habaleshwar	81·9	+4·6	88	28	61·9	+3·7	56	1	0	0	−0·10	0	..	0	−0·1	4·1	4·5	−1·3	0	0	0	0	0	0	0	0	0	0
ndi Hills*																												
rcara	79·9	−0·7	85	21,27,28	59·5	+0·5	56	11	0	0	−0·24	0	..	0	−0·5	7·4	5·8	+2·5	0	0	0	1	0	0	0	0	0	0
daikanal	62·7	−1·4	67	13,20	46·1	−1·3	41	10	1·21	2·31	+0·78	1·32	23	4	+1·6	8·5	8·8	+1·0	4	0	0	2	1	0	0		0	0
tacamund	63·2	+0·7	73	20,27	43·1	−0·8	32	10	0·46	0·99	+0·48	0·99	22	1	−0·1	4·8	3·5	+0·7	1	0	0	1	0	0	0	0	0	0
onoor	66·8	−3·0	72	13,15,16	47·2	−1·9	40	12,14,17	..	5·33	+2·47	2·72	22	4	+1·3	..	3·6	+0·3	4	0	0	1	2	0	0	0	0	0
lm																												
angu (R)																												
ungthang (R)																												
chen (R)																												
t																												
tung (chumbi)	51·2	+6·0	66	27,28	5·6	−16·1	−1	2	..	0·25	−1·90	0·15	24	2	−1·9	..	..	..	2	0	0	1	0	0	0	0	0	0
asa	48·9	..	61	17	20·1	..	9	3	0	0	..	0	..	0	..	..	0·5	..	0	0	0	0	0	0	0	0	0	0
antse	47·4	+5·4	59	24,28	11·4	+0·4	−2	3	..	0	−0·08	0	..	0	−0·2	..	1·3	−3·6	0	0	0	0	0	0	0	0	0	0
on																												
lombo	87·4	−0·6	93	13	71·6	−0·6	62	1	1·38	6·66	+4·48	2·24	28	6	+2·5	..	..	..	9	0	0	5	0	0	0	0	0	0
incomalee	82·0	−3·0	85	26	76·6	+1·6	69	1	0·33	2·09	−0·25	1·74	21	2	−0·9	..	..	..	2	0	0	2	0	0	0	1	0	0
tticoloa	82·7	..	84	6 days	73·6	..	63	14	0·09	2·98	..	1·55	21	6	..	..	..	..	7	0	0	1	0	0	0	0	0	0
mbantota	85·6	−0·3	90	28	72·5	+0·2	66	15	1·37	1·13	−0·46	0·61	19	2	−0·8	..	..	..	4	0	0	0	0	0	0	0	0	0
annar	86·4	..	90	27	74·5	..	69	1,6	2 06	2·78		1·82	21	3	..	..	..	..	3	0	0	2	0	0	0	0	0	0
ROMETEORO-GICAL OBSER-VATORIES.																												
modar Catchment																												
karo	84·7	..	93	24,27	54·6	..	44	3	0	0·86	..	0·81	1	1	..	4·2	3·1	..	2	0	0	2	2	0	0	0	0	0
zaribagh	80·0	..	88	19,27	55·7	..	48	2,3,4	0	0·37	..	0·37	1	1	..	7·5	4·0	..	1	0	0	0	1	0	0	0	0	0
rhi	81·5	..	91	19	56·9	..	48	4	0	0·21	..	0·21	1	1	..	5·1	2·8	..	1	..	..	..	..	..	..	..	..	..
mgarh	84·9	..	93	24	53·3	..	43	3	0	1·61	..	1·59	1	1	..	3·1	1·4	..	2	..	..	..	..	..	..	..	..	..
anbad	84·4	..	93	19	61·1	..	52	3	0	0·99	..	0·86	1	1	..	5·2	4·3	..	3	0	0	1	2	0	0	0	0	0
ansol	..	..	..	..	..	..	..	..	..	0·69	..	0·69	1	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..
anwar	..	..	..	..	..	..	..	..	..	0·03	..	0·03	19	0	..	..	..	..	1	..	..	..	..	..	..	..	..	..
mri (R)																												
hungarh	..	..	..	..	..	..	..	..	..	0·30	..	0·30	1	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..
lgunj (Giridih)	..	..	..	..	..	..	..	..	..	0·40	..	0·40	1	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..
andwa	..	..	..	..	..	..	..	..	..	1·00	..	1·00	1	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..
kunki (Chas Road)	..	.	..	..	..	..	..	..	..	0·78	...	0·76	1	1	..	..	..	..	3	..	..	..	..	..	..	..	..	..

(R) Register not received.

* Date 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 w								
	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 (0·01" or more).	Snow or sleet.	Hail.	Thunder heard.	Fog.	Dust-storm.	Ground frost.	Gale.	Squal.
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
Hydrometeorologica Observatories—*cont'd*																											
Mahanadi Catchm..																											
Baramul . .	91·7	..	99	20	57·1	..	47	4	0	0·01	..	0·01	6	0	..	2·3	1·2	..	1	0	0	0	0	0	0	0	0
Hirakud. . .	90·2	..	98	24,25,27	62·0	..	52	3	0·12	0·23	..	0·12	8	2	..	0·8	0·7	..	3	0	0	0	0	0	0	0	0
Barkachhar . .	90·3	..	98	26	59·1	..	49	4	0	0·11	..	0·11	6	1	..	5·2	2·5	..	1	0	0	0	0	0	0	0	0
Sonepur . . .	89·8	..	99	20	63·6	..	54	4	..	0·70	..	0·65	2	1	..	..	1·7	..	2	0	0	0	0	0	0	0	0
Ginabahar . .	87·0	..	95	24	55·0	..	44	3	..	0·42	..	0·42	1	1	..	..	..	..	1	0	0	0	0	0	0	0	0
Jonk . . .	88·6	..	96	24,25,28	61·2	..	51	6,7	0	0·39	..	0·24	6	2	..	6·1	4·6	..	2	0	0	0	0	0	0	0	0
Ganga Catchment																											
Tapoban . .	63·7	..	79	16	40·1	..	28	1	..	0·59	..	0·30	5	2	..	..	..	..	4	0	0	0	0	0	0	0	0
Badrinath											Closed during winter			mcntl s													
Narbada Catchment																											
Punasa . . .	95·1	..	104	28	62·8	..	53	3,6,7	0	0	..	0	..	0	..	5·0	3·5	..	0	0	0	0	0	0	0	0	0
Bagra Tawa . .	91 2	..	100	28	59·6	..	46	3	0	0		0	..	0	..	4·4	2·5	..	0	0	0	1	0	0	0	0	0
Thikri . . .	95·6	..	103	28	59·6	..	50	1	..	0	..	0	..	0	..	..	..	..	0	0	0	0	0	0	0	0	0
Tapi Catchment																											
Nandurbar . .	95·9	..	105	28	67·4	..	56	7	0	0	..	0	..	0	..	..	..	..	0	0	0	0	0	0	0	0	0
Sabarmati Catchment																											
Jhadol . . .	..	..	..	..	47·6	..	40	26	..	0	..	0	..	0	..	...	..	..	0	0	0	0	0	0	0	0	0
Dharoi . . .	86·1	..	98	..	..	..	..	..	..	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 s.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. per hour.	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
Islands.																										
ble Island	0830	108	1014·4	1010·6	..	80·2	73·1	69·4	24·8	70	..	2·2	..	9·9	0	6	22	14	11	0	1	1	0	0	1	0
	1730	"	1011·2	1007·4	..	79·2	72·4	68·8	23·8	71	..	3·0	..	9·5	0	4	24	16	10	0	1	0	0	0	1	0
laya Bandar	0830	76	1015·2	1013·2	..	79·7	75·0	72·7	27·8	79	..	2·8	..	2·9	0	0	18	2	9	1	0	0	0	0	6	10
	1730	"	1012·1	1009·4	..	80·0	75·2	72·9	27·4	79	..	2·8	..	6·7	0	3	20	1	16	3	0	0	0	0	3	5
ong Island	0830	80	1013·9	1011·2	..	79·8	75·5	72·6	27·9	78	..	3·4	..	1·9	0	0	24	2	1	0	1	0	5	2	13	4
	1730	"	1011·1	1008·4	..	79·2	74·2	72·5	26·6	79	..	2·9	..	1·9	0	0	23	4	2	0	2	0	2	2	11	5
ort Blair	0530	259	1013·1	1004·0	..	72·5	71·6	70·9	26·0	95	..	3·6	..	2·5	0	0	24	6	4	2	1	0	2	3	6	4
	0830	"	1014·8	1005·9	+1·3	86·9	75·5	72·8	25·8	76	+5	3·7	+0·8	5·5	0	0	28	7	15	2	0	0	0	3	1	0
	1130	"	1013·5	1004·7	..	84·3	76·9	73·4	27·0	70	..	3·0	..	7·2	0	0	28	4	19	3	0	0	0	1	1	0
	1730	"	1011·8	1002·9	..	79·0	73·9	71·3	26·4	78	..	3·5	..	4·9	0	0	26	3	14	7	1	0	0	0	1	2
	2330	"	1013·8	1004·8	..	75·5	73·2	72·0	26·6	89	..	2·0	..	4·1	0	0	27	6	11	2	1	0	2	0	5	1
ondul	0830	30	1013·8	1012·9	..	81·4	77·2	75·0	30·3	80	..	5·1	..	4·9	0	0	24	4	13	4	0	0	3	0	0	4
	1730	"	1011·5	1010·7	..	80·7	76·5	75·2	29·6	83	..	5·3	..	4·7	0	0	23	4	13	3	1	0	2	0	0	5
ar Nicobar	0830	33	1013·5	1012·8	..	83·1	77·8	75·3	30·0	78	..	3·8	..	4·2	0	0	27	5	18	2	2	0	0	0	0	1
	1730	"	1011·0	1010·1	..	81·0	78·3	77·1	32·2	87	..	3·6	..	2·9	0	0	24	2	15	2	4	0	0	0	1	4
oncowry	0830	70	1012·7	1010·8	..	84·4	78·6	76·1	30·4	75	..	5·0	..	1·2	0	0	22	2	7	5	3	1	2	1	1	6
	1730	"	1010·8	1008·1	..	80·9	76·9	74·9	29·8	82	..	4·3	..	0·6	0	0	13	0	6	3	0	1	1	0	2	15
am ibrugarh	0830	348	1017·9	1005·5	+1·3	66·7	61·7	58·0	16·5	74	−11	3·4	−1·0	0·9	0	0	12	4	3	4	0	0	0	0	1	16
	1730	..	1013·8	1001·5	..	68·3	63·2	59·3	17·6	74	..	4·3	..	0·3	0	0	3	2	1	0	0	0	0	0	0	25
ibrugarh Mohanbari Aerodrome)	0230	364	1015·5	1002·3	..	55·7	54·8	53·9	11·2	94	..	3·4	..	1·0	0	0	5	1	4	0	0	0	0	0	0	23
	0530	"	1016·5	1003·2	..	54·1	53·5	53·0	13·8	96	..	4·1	..	0·6	0	0	6	2	1	1	0	1	0	1	0	22
	0830	"	1018·2	1005·2	..	64·9	60·5	67·2	16·0	76	..	3·6	..	2·3	0	0	19	2	11	5	0	1	0	0	0	9
	1130	"	1016·8	1003·5	..	73·0	62·8	55·0	15·4	54	..	3·0	..	2·5	0	0	25	0	10	8	3	2	0	1	1	3
	1730	"	1014·0	1001·1	..	67·6	61·9	57·7	16·6	71	..	4·3	..	0·6	0	0	4	0	3	1	0	0	0	0	0	24
	2330	"	1016·2	1003·0	..	58·1	56·7	55·6	15·0	92	..	3·6	..	0·9	0	0	5	1	3	0	0	1	0	0	0	23
bsagar	0830	317	1018·0	1006·7	+1·6	64·4	61·0	58·6	16·7	82	−6	5·3	−0·5	1·9	0	0	18	3	4	1	3	4	1	0	2	10
	1730	"	1013·5	1002·7	..	70·1	63·5	59·1	17·2	69	−5	4·2	..	1·7	0	0	14	5	3	1	1	0	0	0	4	14
zpur	0830	258	1017·9	1008·6	+1·1	64·5	60·3	58·6	16·2	77	−4	2·4	−0·6	2·3	0	0	27	2	10	14	0	1	0	0	0	1
	1730	"	1013·3	1004·2	..	73·6	65·0	59·3	17·3	62	..	2·3	..	0·6	0	0	8	1	4	2	1	0	0	0	0	20
zpur (P.B.O.)	0230	257	1015·4	1006·1	..	59·7	58·1	56·8	15·9	91	..	2·7	..	1·5	0	0	13	3	9	1	0	0	0	0	0	15
	0530	"	1016·2	1006·9	..	57·1	55·9	55·0	15·0	93	..	2·5	..	0·8	0	0	7	3	3	1	0	0	0	0	0	21
	0830	"	1018·2	1008·9	..	65·6	60·9	57·4	16·4	75	..	3·2	..	2·6	0	0	23	2	13	8	0	0	0	0	0	5
	1130	"	1016·3	1007·2	..	79·1	64·3	56·5	15·5	53	..	2·6	..	3·6	0	0	26	2	7	11	3	1	1	0	1	2
	1730	"	1013·5	1004·4	..	70·6	63·6	58·9	16·7	67	..	2·5	..	1·1	0	0	7	1	3	1	0	0	1	1	0	21
	2330	"	1015·9	1006·7	..	61·8	59·6	58·0	16·7	88	..	2·6	..	1·6	0	0	10	4	3	2	1	0	0	0	0	18
uhati	0830	182	1017·4	1011·2	+2·0	65·4	61·4	58·3	16·8	79	0	1·7	−1·0	1·8	0	0	22	5	8	3	3	1	1	0	1	6
	1730	"	1012·8	1006·4	..	74·1	65·2	59·5	17·1	61	..	2·9	..	0·7	0	0	8	0	2	0	4	1	1	0	0	20
uhati (Kakuchi Aerodrome)	0230	162	1013·2	1007·3	..	59·8	58·4	57·3	16·0	92	..	1·3	..	1·3	0	0	7	0	2	1	2	2	0	0	0	12
	0530	,,	1015·1	1009·2	..	59·2	54·4	54·0	13·9	96	..	1·4	..	1·1	0	0	13	2	3	1	1	3	2	0	1	15
	0830	"	1017·2	1011·4	..	65·9	61·3	58·0	16·5	77	..	1·7	..	2·4	0	0	19	4	7	0	1	5	2	0	0	9
	1130	"	1015·1	1009·8	..	76·0	65·3	57·9	16·7	54	..	2·0	..	6·4	0	0	28	7	16	0	0	0	0	0	5	0
	1730	"	1012·8	1007·1	..	71·6	64·4	59·6	17·6	67	..	3·3	..	1·6	0	0	18	2	6	2	0	3	3	1	1	10
	2330	"	1015·3	1009·4	..	61·2	59·1	57·5	16·3	89	..	1·1	..	1·7	0	0	13	0	3	0	1	5	2	1	1	15
ubri	0830	115	1017·6	1013·4	+1·8	66·9	62·7	60·0	17·8	78	+2	2·0	0	3·6	0	0	23	3	14	4	0	1	0	1	0	5
	1730	"	1013·5	1009·4	..	72·7	63·6	57·2	16·1	59	..	1·7	..	1·6	0	0	14	1	1	2	0	1	5	2	2	14
char	0830	96	1017·3	1013·9	+1·2	67·3	61·8	57·8	16·4	72	−5	1·8	−0·5	1·0	0	0	14	0	3	4	4	3	0	0	0	14
	1730	"	1013·0	1009·6	..	76·1	65·5	57·5	16·8	54	..	1·6	..	0·3	0	0	4	0	0	1	1	0	0	1	1	24
ra	0830	1215	1016·9	974·9	..	64·9	59·2	55·2	15·4	72	..	2·	..	1·4	0	0	17	0	3	10	3	0	1	0	0	11
	1730	"	1013·4	971·5	..	73·0	64·7	59·0	16·9	62	..	2·	..	1·9	0	0	20	0	4	5	4	0	7	0	0	8
mding	0830	488	1017·5	1000·2	..	62·5	..	..	..	..	..	..	..	0·8	0	0	9	0	3	2	2	1	0	0	1	19
	1730	"	1013·0	996·1	..	75·7	..	..	..	..	..	..	..	1·5	0	0	12	1	1	1	4	3	2	0	0	16
artala (R)	0230	52																								
	0530	"	1013·8	1011·9	..	58·5	57·5	56·6	15·7	94	..	2·7		2·0	0	1	8	0	0	1	6	0	1	0	1	19
	0830	"	1015·7	1013·9	..	69·5	64·4	60·7	18·4	74	..	2·2	..	3·4	0	1	11	2	0	0	4	5	1	0	0	16
	1130	"	1014·7	1012·9	..	80·5	66·8	56·9	16·5	47	..	2·6	..	5·6	0	2	19	3	0	0	0	5	2	3	8	7
	1730	"	1012·1	1010·2	..	77·3	65·6	57·4	16·5	51	..	2·5	..	2·8	0	2	9	3	0	0	3	1	1	1	2	17
(R)	2330	"																								

R Register not received.

* Observation for 19 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, miles per hour.	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
Assam—*contd.*																										
Imphal	0830	2,583	905·1	928·6	..	62·7	57·6	54·3	14·0	.4	..	2·6	..	2·2	0	0	21	1	0	7	9	1	3	0	0	
	1130	"	903·1	927·1	..	69·2	61·0	56·1	15·2	63	..	2·5	..	4·6	0	0	27	1	0	6	10	4	4	1	1	
	1730	"	901·0	924·1	..	68·5	60·4	55·6	14·4	64	..	2·4	..	5·5	0	0	25	1	0	0	1	1	16	6	0	
West Bengal																										
Dum Dum	0230	33	1013·7	1012·5	..	66·0	63·9	62·0 (*d*)	19·5	87 (*d*)	..	1·9	..	2·1	0	0	15	3	1	0	2	4	3	2	0	
	0530	"	1014·1	1012·9	..	64·1	62·5	61·2	18·7	91	..	2·5	..	1·2	0	0	14	3	3	0	0	4	1	2	1	
	0830	"	1016·3	1015·1	..	70·9	65·9	62·4	19·5	76	..	3·6	..	2·8	0	0	16	2	3	2	1	3	2	0	3	
	1130	"	1015·7	1014·5	..	81·9	68·1	58·9	17·6	47	..	1·9	..	6·6	0	1	25	5	1	2	1	3	3	6	5	
	1730	"	1012·4	1011·3	..	80·9	68·4	60·2	18·0	51	..	2·3	..	3·1	0	0	17	2	1	0	0	4	3	1	6	
	2330	"	1014·7	1013·5	..	68·8	65·4	63·1	19·7	83	..	1·0	..	2·2	0	0	14	1	0	0	2	7	4	0	0	
Calcutta	0830	21	1016·5	1015·8	+1·3	70·0	66·3	63·6	20·6	81	+2	2·6	+0·1	2·8	0	0	23	2	4	1	0	3	6	4	3	
	1730	"	1012·5	1011·8	..	80·6	68·1	59·9	17·8	51	..	1·9	..	1·6	0	0	15	0	1	0	1	3	4	2	4	
Barrackpore	0530	23	1014·2	1013·4	..	63·5	61·8	60·6	18·3	91	..	2·5	..	1·8	0	0	11	5	1	1	0	3	0	1	0	
	0830	"	1016·3	1015·5	..	70·5	66·3	63·5	20·4	79	..	3·0	..	3·3	0	0	24	3	2	2	3	3	2	5	4	
	1130	"	1019·2	1014·9	..	76·5	69·5	62·2	21·5	55	..	1·9	..	5·7	0	0	28	2	1	2	1	4	7	6	5	
	1730	"	1012·5	1011·7	..	79·6	68·9	63·7	19·6	58	..	2·3	..	2·7	0	0	21	2	1	0	0	3	5	8	2	
	2330	"	1014·7	1013·9	..	67·8	64·4	62·2	19·1	82	..	1·0	..	2·2	0	0	15	1	0	0	1	10	2	0	1	
Sauge Island	0830	10	1015·8	1015·5	+0·8	73·5	69·6	67·2	22·8	82	+4	2·7	+0·1	10·7	0	9	19	6	5	0	1	3	7	2	4	
	1730	"	1012·6	1012·3	..	76·7	70·6	66·9	22·9	73	..	2·6	..	11·9	0	10	18	2	3	0	2	10	10	1	0	
Sandheads	0530	32	1014·1	1013·0	..	74·8	70·8	68·3	23·9	81	..	1·6	..	7·9	0	6	21	4	3	0	0	5	11	4	0	
	0830	"	1016·2	1015·1	+0·8	76·3	71·7	69·0	24·6	79	+1	2·2	+0·4	5·9	0	3	21	3	2	0	1	5	9	3	1	
	1130	"	1015·8	1014·7	..	77·5	72·4	69·7	25·0	78	..	2·7	..	5·4	0	0	24	3	1	0	1	3	11	2	3	
	1730	"	1013·3	1012·2	..	77·4	71·6	68·3	23·6	74	..	2·8	..	5·3	0	4	16	1	1	1	2	6	7	2	0	
	2330	"	1014·6	1013·5	..	75·7	71·3	68·8	24·1	80	..	0·6	..	7·5	0	7	16	3	2	0	0	9	9	0	0	
Midnapore	0830	149	1016·4	1011·1	+1·1	69·6	63·8	59·7	17·4	72	+8	2·1	+0·1	1·7	0	0	12	5	3	0	0	1	2	0	1	
	1730	"	1012·2	1007·1	..	82·5	66·9	56·2	15·6	44	.	1·4	..	1·2	0	0	16	5	6	1	0	3	1	0	0	
Contai	0830	35	1015·5	1014·1	..	73·4	68·8	63·9	22·1	79	..	1·5	..	2·6	0	0	24	6	4	1	2	7	4	0	0	
	1730	"	1012·5	1011·1	..	74·6	70·6	68·1	23·7	81	..	2·0	..	3·9	0	0	26	3	0	0	1	22	0	0	0	
Burdwan	0830	106	1015·5	1011·7	+0·1	68·7	62·6	57·9	16·8	70	+3	1·0	−1·3	1·9	0	0	18	1	4	2	2	1	6	0	2	
	1730	"	1012·6	1008·8	..	83·8	67·2	55·4	15·4	39	..	0.2	..	1·2	0	0	11	0	2	0	1	1	2	1	4	
Krishnagar	0830	40	1016·4	1014·7	+1·0	69·3	63·8	60·0	17·7	73	0	3·0	+0·8	2 6	0	0	26	4	0	0	3	10	2	5	2	
	1730	"	1013·0	1011·3	..	81·2	68·6	61·5	18·3	51	..	2·3	..	0·6	0	0	8	1	1	0	0	2	2	2	0	
Asansol	0230	414	1013·9	999·2	..	64·4	59·5	55·5	15·0	74	..	1·2	..	1·6	0	0	14	2	2	2	1	0	0	4	3	
	0530	"	1014·2	999·4	..	62·3	58·5	55·4	14·9	79	..	1·7	..	1·5	0	0	15	1	0	1	1	0	1	4	7	
	0830	"	1016·5	1001·8	+1·3	68·0	61·6	56·6	15·7	68	+5	2·0	−0·1	2·1	0	0	21	2	0	1	1	0	0	9	8	
	1130	"	1015·6	1001·3	..	79·9	65·6	55·2	14·8	45	..	1·4	..	3·4	0	0	25	3	1	2	1	0	0	6	12	
	1730	"	1012·0	997·8	..	81·4	66·3	55·3	15·4	43	..	·8	..	1·2	0	0	11	0	1	0	4	0	0	4	2	
	2330	"	1014·7	1000·1	..	68·2	61·2	55·8	15·3	66	..	0·6	..	0·9	0	0	7	0	0	1	2	0	0	0	4	
Berhampore	0830	62	1016·1	1014·1	+0·9	66·9	61·7	57·8	16·6	74	+4	2·0	−0·2	2·6	0	0	21	0	1	3	2	3	8	4	0	
	1730	"	1012·5	1010·4	..	80·1	67·4	59·3	17·4	50	..	1·7	..	1·1	0	0	11	1	3	1	1	2	0	3	0	
Malda	0830	103	1016·6	1012·9	+1·0	68·1	61·3	56·1	15·3	67	−4	2·3	+0·9	2·6	0	0	21	4	1	3	1	1	2	2	7	
	1730	"	1012·7	1009·0	..	77·5	64·8	55·8	15·4	48	..	1·9 (*d*)	..	2·6 (*d*)	0 (*d*)	0	26	6	2	3	0	0	2	4	9	
Cooch Behar (R)	0830	145																								
(R)	1730	"																								
Jalpaiguri	0830	271	1017·1	1007·2	+1·5	60·8	58·3	56·3	15·5	86	+6	1·9	+0·2	2 1	0	0	22	12	5	3	0	1	0	1	0	
	1730	"	1012·6	1003·1	..	77·1	64·9	56·1	15·8	49	..	1·4	..	2·2	0	0	21	0	2	5	1	4	4	5	0	
Jalpaiguri (P.B.O.)	0530	271	1014·8	1004·9	..	57·3	56·0	54·8	15·5	92	..	1·6	..	1·3	0	0	13	8	2	1	0	0	0	0	2	
	1130	"	1016·2	1006·6	..	75·3	64·2	56·1	15·6	52	..	1·4	..	3·7	0	0	26	0	3	11	7	5	0	0	0	
	2330	"	1015·2	1005·4	..	63·4	60·2	·9	16·6	82	..	0·2	..	1 6	0	0	18	8	3	1	0	0	0	4	2	
Bagdogra	0530	416	1014·6	999·5	..	54·9	53·8	52·6	13·8	93	..	1·0	..	0·9	0	0	5	3	1	0	1	0	0	0	0	
	0830	"	1016·7	1002·0	..	66·8	60·8	56·4	15·5	70	..	1·9	..	2·7	0	0	14	1	6	6	1	0	0	0	0	
	1130	"	1015·7	1001·3	..	77·7	64·1	54·0	14·4	44	..	2·0	..	6·7 (*d*)	0 (*d*)	2	24	0	1	10	8	4	3	0	0	
	1730	"	1012·4	997·9	..	74·5	63·6	55·6	15·0	52	..	2·3	..	1·2	0	0	6	0	2	2	2	0	0	0	0	
Orissa																										
Balasore	0830	65	1015·9	1013·6	+0·6	72·1	65·4	60·9	18·6	70	+1	2·9	+0·9	3·6	0	1	25	8	1	0	1	1	4	0	11	
	1730	"	1012·2	1009·9	..	78·1	69·5	64·3	20·9	64	..	3·0	..	4·4	0	0	28	1	0	1	13	13	0	0	0	
Chandbali	0830	20	1016·5	1015·8	+1·5	74·6	69·3	66·3	22·6	76	−1	1·5 (*d*)	−0·7 (*d*)	1·9 (*d*)	0 (*d*)	0	21	4	2	0	2	0	4	5	4	
	1730	"	1012·5	1011·8	..	79·2	70·0	65·8	21·2	64	..	1·5	..	3·0	0	0	27	0	3	3	20	1	0	0	0	

(R) Register not received.

(*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 %.	Departure from normal.	Cloud amount (Oktas).		Mean wind speed, miles per hour.	Wind speed (m.p.h.).			No. of observations.								
			At mean sea or near it 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
Orissa —*contd.*																										
Puri	0830	20	1016·4	1015·7	+1·5	76·3	71·2	71·7	23·9	77	+1	2·9	+0·9	7·7	0	7	21	7	2	1	1	0	10	2	5	0
	1730	"	1012·9	1012·2	..	78·7	72·6	69·5	24·7	74	..	2·6	..	12·8	0	11	16	0	0	0	5	17	4	1	0	1
Bhubaneswar	0530	150	1014·2	1008·8	..	66·9	65·4	64·4	20·7	92	..	2·5	..	2·4	0	0	22	1	5	0	0	0	6	5	5	6
	0830	"	1016·0	1010·7	..	74·6	69·1	65·9	22·6	75	..	2·3	..	4·5	0	5	21	1	6	1	0	0	9	7	2	2
	1130	"	1015·2	1009·9	..	85·6	70·2	60·5	18·1	45	..	1·7	..	6·3	0	1	27	4	1	3	1	2	11	5	1	0
	1730	"	1012·5	1007·2	..	81·6	70·4	63·7	20·6	55	..	2·3	..	7·2	0	5	21	1	4	0	0	5	13	3	0	2
	2330	"	1014·8	1009·4	..	72·0	67·3	64·5	21·0	78	..	1·1	..	3·3	0	1	17	0	1	0	0	1	12	3	1	10
Cuttack	0830	87	1015·8	1012·7	+0·5	71·8	67·2	64·2	21·6	77	+1	2·7	+0·4	0·3	0	0	2	0	0	0	0	0	1	1	0	26
	1730	"	1011·7	1008·7	..	87·9	69·9	57·7	16·8	37	..	2·1	..	2·1	0	0	10	0	2	0	0	3	5	0	0	18
Cuttack (P. B. O.)	0230	87	1013·5	1010·6	..	70·8	68·2	67·1	22·5	88	..	1·1	..	1·1	0	0	9	1	1	0	0	3	4	0	0	19
	0530	"	1014·3	1011·5	..	68·7	66·7	65·7	21·5	89	..	2·7	..	0·4	0	0	4	0	1	0	0	2	1	0	0	24
	0830	"	1016·5	1013·5	..	74·0	69·3	66·9	22·6	78	..	2·9	..	2·0	0	0	21	1	7	1	0	0	7	4	1	7
	1130	"	1015·3	1012·8	..	84·1	71·7	66·1	20·7	55	..	2·1	..	3·1	0	0	26	3	5	1	1	3	8	3	2	2
	1730	"	1012·2	1009·4	..	83·8	70·3	62·8	19·2	51	..	2·0	..	2·3	0	0	14	1	2	1	2	3	5	0	0	14
	2330	"	1014·8	1011·8	..	73·6	69·5	67·2	22·9	82	..	1·0	..	1·1	0	0	12	0	3	0	1	4	4	0	0	16
Gopalpur	0530	56	1014·8	1012·3	..	68·7	65·9	64·6	20·3	86	..	2·0	..	2·6	0	0	21	10	2	0	0	0	1	2	6	7
	0830	"	1016·5	1014·5	+1·6	74·8	69·0	65·5	21·3	73	0	2·0	+0·8	4·2	0	0	24	13	1	0	0	0	4	2	4	4
	1130	"	1015·8	1013·9	..	82·8	73·7	67·9	25·4	63	..	1·9	..	7·1	0	6	20	1	0	2	4	12	7	0	0	2
	1730	"	1013·0	1011·0	..	78·8	73·2	70·1	25·5	75	..	2·4	..	9·5	0	7	21	0	0	1	3	12	12	0	0	0
	2330	"	1015·0	1013·0	..	73·7	70·5	68·6	24·3	84	..	0·6	..	7·1	0	6	17	1	1	0	0	0	14	5	2	5
Koraput	0830	2,996	906·0	915·3	..	66·5	59·7	54·4	14·5	65	..	2·1	..	2·3	0	0	28	0	2	0	0	20	6	0	0	0
	1730	"	902·9	912·1	..	79·0	61·2	46·9	11·0	35	..	3·0	..	4·1	0	0	28	17	1	1	4	0	0	1	4	0
Angul	0830	455	1016·2	1000·2	+1·3	69·3	63·5	59·2	17·2	72	+5	3·3	+0·9	2·3	0	0	24	2	1	1	0	0	2	12	6	4
	1730	"	1012·1	996·6	..	86·0	65·8	50·1	12·8	31	..	2·2	..	2·4	0	0	23	9	2	2	0	1	1	3	5	5
Sambalpur	0830	486	1015·8	998·7	+0·6	70·3	63·8	59·2	17·3	69	+4	2·3	+0·6	1·8	0	0	20	5	5	3	1	3	1	0	2	8
	1730	"	1011·9	995·3	..	85·5	68·7	58·0	16·0	42	..	2·1	..	1·8	0	0	21	2	2	0	1	6	2	2	6	7
Jharsuguda	0230	726	1013·4	987·5	..	64·4	59·7	56·7	15·9	77	..	0·7	..	0·9	0	0	9	3	5	1	0	0	0	0	0	19
	0530	"	1014.1	988.1	..	62·4	58·5	56·1	14·9	80	..	0·9	..	1·1	0	0	8	4	3	1	0	0	0	0	0	20
	0830	"	1016·1	990·4	..	70·2	61·7	56·1	14·9	63	..	2·2	..	2·5	0	0	21	12	7	1	1	0	0	0	0	7
	1130	"	1015·1	990·0	..	81·4	64·8	54·5	13·6	42	..	1·7	..	2·4	0	0	21	8	6	1	0	2	2	0	2	7
	1730	"	1011·4	986·5	..	82·2	64·1	52·1	12·4	38	..	1·6	..	0·9	0	0	7	1	1	0	0	0	0	2	3	21
	2330	"	1014·3	988·6	..	68·1	60·5	55·6	14·7	66	..	0·4	..	0·4	0	0	2	2	0	0	0	0	0	0	0	26
Titilagarh	0830	691	1016·0	992·0	..	71·0	62·5	56·1	15·5	60	..	2·0	..	1·6	0	0	20	2	3	0	5	7	3	0	0	8
	1730	"	1011·6	988·0	..	86·9	67·0	53·1	13·5	33	..	2·1	..	0·8	0	0	10	2	6	2	0	0	0	0	0	18
Chota Nagpur																										
Purulia (R)	0830	835																								
(R)	1730	"																								
Jamshedpur	0830	423	1016·7	1001·7	+1·4	67·8	60·5	54·9	14·5	65	−7	1·2	−1·1	3·1	0	1	22	1	1	1	1	0	1	10	8	5
	1730	"	1011·9	997·4	..	83·7	65·4	51·5	13·7	35	..	2·0	..	2·6	0	0	23	2	4	3	1	0	2	6	5	5
Jamshedpur (P.B.O.)	0530	477	1014·9	998·0	..	61·7	58·2	56·2	15·0	83	..	1·1	..	0·5	0	0	4	1	0	1	0	0	2	0	0	24
	0830	"	1016·7	999·9	..	69·5	61·9	57·4	15·6	67	..	1·3	..	1·9	0	0	18	1	1	1	0	0	3	6	6	10
	1130	"	1015·7	999·2	..	80·1	64·8	55·8	13·8	45	..	1·1	..	3·7	0	1	23	1	5	2	0	2	3	9	2	4
	1730	"	1012·1	995·7	..	82·1	64·8	54·5	12·9	41	..	2·1	..	2·1	0	0	14	2	1	3	0	0	0	5	3	14
	2330	"	1015·0	998·2	..	69·0	61·9	57·7	15·8	69	..	0·9	..	0·8	0	0	7	0	0	3	0	0	1	2	1	21
Chaibasa	0830	742	1016·6	990·5	+1·4	68·2	60·8	55·2	14·7	65	−6	2·4	+0·3	0·7	0	0	10	0	1	0	0	1	7	1	0	18
	1730	"	1011·5	986·3	..	83·6	64·5	48·7	13·0	33	..	3·2	..	1·3	0	0	15	1	3	0	0	0	9	2	0	15
Ranchi	0830	2,150	903·8	942·4	+1·6	68·7	59·2	51·5	13·3	55	+1	0·7	−1·4	0·6	0	0	7	0	1	0	0	0	2	4	0	21
	1730	"	901·3	939·2	..	76·0	61·4	49·8	12·8	43	..	0·7	..	0	0	0	0	0	0	0	0	0	0	0	0	28
Hazaribagh (R)	0830	2,006																								
(R)	1730	"																								
Hazaribagh (C.W.)	0530	2,008	900·5	945·2	..	56·1	51·6	47·5	11·3	74	..	0·9	..	0·9	0	0	10	4	1	1	0	0	0	1	3	18
	0830	"	903·6	947·3	..	68·4	57·8	49·1	11·7	52	..	1·0	..	2·4	0	0	21	2	1	0	2	5	0	8	3	7
	1130	"	903·9	946·8	..	78·0	61·2	48·2	11·5	37	..	0·9	..	4·6	0	0	28	2	0	2	1	3	3	4	13	0
	1730	"	901·1	944·2	..	73·6	59·8	48·9	11·2	43	..	1·3	..	1·9	0	0	18	3	1	0	1	1	0	4	8	10
	2330	"	901·6	946·0	..	60·5	53·9	48·1	11·4	65	..	0·4	..	1·2	0	1	5	1	1	0	0	1	0	1	2	22
Daltonganj	0830	725	1017·2	991·6	+1·5	66·6	58·9	52·0	13·8	60	−13	1·1	−0·5	1·4	0	0	17	1	0	5	5	0	1	5	0	11
	1730	"	1012·0	987·2	..	81·6	64·9	51·6	13·7	36	..	2·0	..	2·9	0	0	27	3	2	1	0	0	1	6	14	1
Bihar																										
Purnea	0830	124	1016·8	1012·4	+1·5	64·3	59·8	56·4	15·4	76	0	1·8	+0·1	1·7	0	0	18	2	2	3	1	2	4	3	1	10
	1730	"	1012·6	1008·3	..	73·0	65·8	60·6	18·7	66	..	0·9	..	0·4	0	0	4		0		0		1	2	0	24

(R) Register not received.

TABLE III—SUMMARY OF OBSERVATIONS AT FIXED HOURS—FEBRUARY 1953.

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, miles per hour.	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
Bihar—*contd.*																										
Forbesganj	0830	199	..	1008·6	..	..	..	..	..	..	..	1·3	..	3·1	0	0	28	0	0	19	0	0	0	9	0	0
	1730	"	..	1005·5	..	..	..	..	..	..	..	0·6	..	2·6	0	0	28	0	0	9	0	0	0	19	0	0
Darbhanga	0830	161	1016·9	1011·0	+1·5	62·5	59·6	56·9	16·0	83	+10	1·6	−0.1	1·4	0	0	16	0	3	5	0	0	1	7	0	12
	1730	"	1012·8	1007·1	..	75·9	67·9	62·6	19·7	66	..	0·6	..	0·3	0	0	4	0	0	1	0	0	2	1	0	24
Motihar (R)	0830	218																								
(R)	1730	"																								
Patna	0830	173	1016·4	1010·2	+0·9	67·6	59·7	53·3	13·9	61	−2	0·8	−1·1	3·4	0	0	27	0	9	0	1	0	15	1	1	1
	1730	"	1012·6	1006·6	..	78·7	64·0	52·7	14·7	41	..	1·0	..	2·2	0	0	26	1	6	0	0	1	3	11	4	2
Patna (Aerodrome)	0530	196	1014·9	1007·1	..	56·4	53·9	51·4	13·1	84	..	1·3	..	1·6	0	0	15	1	3	1	2	3	2	2	1	13
	0830	"	1016·1	1009·4	...	66 2	59·9	53·3	14·6	64	..	1·1	..	4·4	0	0	23	0	2	4	1	2	4	9	1	5
	1130	"	1015·6	1008·7	..	77·7	63·4	52·2	13·3	42	..	1·4	..	5·7	0	1	27	0	3	3	3	2	4	8	5	0
	1730	"	1012·2	1005·4	..	77·7	64·1	53·8	14·4	45	..	1·6	..	3·1	0	0	27	2	2	2	0	0	1	8	12	1
Dehri	0930	352	1016·3	1003·8	..	67·9	60·1	53·7	14·6	62	..	1·1	..	2·0	0	0	27	0	1	0	2	4	17	1	2	1
	1730	"	1011·9	999·8	..	81·1	64·7	51·1	13·4	36	..	1·0	..	2·4	0	0	28	4	11	0	0	0	0	0	13	0
Gaya	0230	373	1014·2	1010·8	..	59·7	54·4	59·3	11·8	69	..	0·7	..	1·7	0	0	15	0	0	2	7	2	1	2	1	13
	0530	"	1014·3	1000·8	..	57·7	53·2	48·6	11·8	73	..	1·0	..	1·5	0	0	13	0	1	2	6	4	0	0	0	15
	0830	"	1016·3	1003·1	+1·0	66·9	58·0	50·3	9·4	57	−3	1·4	−0·4	3·1	0	0	24	1	0	0	4	11	8	0	0	4
	1130	"	1015·8	1002·7	..	80·2	62·6	47·2	11·5	34	..	1·5	..	5·1	0	0	25	5	0	1	1	1	4	9	4	3
	1730	"	1012·4	999·5	..	79·7	62·0	46·3	11·2	33	..	1·6	..	3·6	0	0	28	6	2	0	0	0	0	7	13	0
	2330	"	1014·8	1001·6	..	64·2	56·7	50·0	12·3	61	..	0·6	..	1·2	0	0	13	2	1	0	4	3	2	1	0	15
Jamui	0830	270	1016·4	1006·7	..	65·6	60·5	56·5	15·8	73	..	2·2	..	1·6	0	0	17	0	0	10	5	0	0	0	2	11
	1730	"	1012·8	1003·3	..	78·2	65·5	56·9	16·0	48	..	1·6	..	2·1	0	0	23	1	2	1	0	0	0	0	19	5
Dumka (R)	0830	489																								
(R)	1730	"																								
Sabour	0830	122	1016·6	1012·1	+1·5	65·8	60·8	56·6	16·0	74	−5	1·8	−0·6	2·4	0	0	22	0	3	3	2	0	11	2	1	6
	1730	"	1012·5	1008·1	..	75·7	65·3	57·9	16·5	56	..	1·3	..	1·6	0	0	17	2	1	1	0	0	0	2	11	11
Bhagalpur	0530	189	1015·5	1008·6	..	61·0	57·5	54·4	14·6	80	..	1·3	..	2·1	0	0	14	0	1	3	0	2	5	3	0	14
	0830	"	1017·8	1010·9	..	68·2	61·4	55·9	15·3	66	..	1·8	..	1·7	0	0	11	0	2	2	1	0	4	1	1	17
	1130	"	1017·4	1010·6	..	76·5	65·1	57·0	15·9	52	..	1·4	..	3·8	0	0	24	0	2	4	2	0	3	10	3	4
	1730	"	1013·8	1007·0	..	75·9	66·2	59·8	17·8	58	..	1·4	..	2·5	0	0	21	1	5	2	0	0	0	12	1	7
	2330	"	1016·1	1009·2	..	66·6	61·2	57·0	15·9	73	..	0·3	..	2·3	0	0	16	0	0	5	3	3	4	0	1	12
U. P., East																										
Gonda	0830	360	1016·5	1003·8	..	61·5	55·3	50·6	12·3	72	−3	0·8	−1·4	1·6	0	0	15	0	0	4	0	0	0	8	3	13
	1730	"	1013·2	1000·7	..	76·4	63·2	51·9	13·9	44	..	1·7	..	0·6	0	0	6	0	0	1	0	0	0	5	0	22
Gorakhpur	0830	254	1015·9	1007·1	+1·2	62·9	56·7	50·6	13·0	63	−7	0·3	−1·2	1·7	0	0	24	0	0	7	1	1	1	13	1	4
	1730	"	1013·0	1003·9	..	78·2	63·2	52·2	13·2	41	..	1·5	..	1·9	0	0	27	3	0	4	0	1	1	15	3	1
Gorakhpur (P.B.O.)	0230	257	1013·8	1004·6	..	59·7	55·1	51·1	13·0	76	..	0·7	..	2·9	0	0	15	3	0	0	0	0	2	6	4	13
	0530	"	1013·9	1004·6	..	56·6	53·8	50·8	13·1	83	..	0·9	..	2·0	0	1	11	3	0	0	0	0	5	3	1	16
	1130	"	1015·8	1006·8	..	75·9	62·4	51·1	13·2	44	..	1·5	..	4·9	0	0	27	1	3	2	2	5	5	8	1	1
	2330	"	1014·6	1005·4	..	63·0	58·3	54·0	14·5	75	..	0·5	..	2·2	0	0	12	1	1	0	1	0	4	4	1	16
Azamgarh	0830	255	1016·0	1007·3	..	64·2	58·4	53·8	14·1	67	..	0·4	..	0·4	0	0	5	0	0	2	0	0	1	2	0	23
	1730	"	1012·0	1003·3	..	79·5	65·6	55·5	15·2	45	..	0·4	..	0·5	0	0	5	0	0	0	2	0	1	2	0	23
Banaras	0830	250	1016·4	1007·4	+0·7	62·6	56·7	51·1	13·1	68	−1	0·7	−0·9	4·1	0	0	26	2	0	3	0	4	13	3	1	2
	1730	"	1012·3	1003·3	..	81·8	63·9	48·3	12·3	34	..	1·5	..	4·4	0	0	28	4	0	2	0	1	2	10	9	0
Banaras (Babatpur Aerodrome)	0530	280	1014·6	1004·4	..	54·8	51·8	48·9	11·7	81	..	0·7	..	2·3	0	0	20	1	0	1	2	3	9	4	0	8
	0830	"	1016·7	1006·6	..	69·6	57·5	49·2	10·8	56	..	1·2	..	3·9	0	0	26	0	1	2	3	1	12	6	1	2
	1130	"	1016·4	1006·6	..	79·0	61·7	47·0	11·0	34	..	1·0	..	5·2	0	0	24	0	3	1	1	1	3	11	4	4
	1730	"	1012·7	1003·0	..	79·2	61·8	47·5	10·9	39	..	2·0	..	3·3	0	0	27	5	4	0	0	0	2	10	6	1
	2330*	"	1015·0	1004·9	..	62·3	56·3	50·7	12·5	67	..	1·0	..	2·8	0	0	21	0	2	2	3	0	3	7	4	6
Allahabad (Bamrauli)	0230	322	1014·4	1000·7	..	60·8	55·5	50·6	12·8	67	..	0·5	..	2·8	0	0	24	3	4	0	3	2	2	8	2	4
	0530	"	1014·7	1003·0	..	57·6	53·6	49·6	12·2	76	..	0·5	..	2·7	0	0	23	3	2	3	1	3	7	3	1	5
	0830	"	1016·7	1005·2	+1·2	64·1	57·1	50·9	12·7	63	−3	1·5	−0·7	3·6	0	1	24	2	1	1	3	1	5	9	3	3
	1130	"	1016·5	1005·4	..	78·7	62·5	49·1	12·5	37	..	1·2	..	6·0	0	2	26	2	2	2	4	2	2	10	4	0
	1730	"	1012·7	1001·5	..	79·7	64·1	51·4	13·4	39	..	2·3	..	4·0	0	0	27	4	2	1	1	0	0	10	9	1
	2330	"	1015·1	1003·5	..	64·8	57·8	52·3	13·3	64	..	0·6	..	2·5	0	0	23	4	4	2	1	1	5	3	3	5
Fatehpur	0830	375	1017·1	1003·7	..	64·5	56·2	49·0	11·8	59	−12	1·0	−1·6	1·3	0	0	17	1	0	3	2	0	0	7	4	11
	1730	"	1012·9	1000·0	..	81·5	63·1	47·1	11·3	32	..	2·0	..	1·3	0	0	13	1	1	0	0	0	0	4	7	15
Banda	0830	398	1017·3	1003·1	..	64·6	56·4	48·4	11·9	56	..	0·4	..	0·6	0	0	6	0	0	2	1	0	1	2	0	22
	1730	"	1012·9	999·2	..	83·3	64·5	48·8	12·3	32	..	1·0	..	0·9	0	0	12	2	0	0	0	0	0	10	0	16

(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.			Mean temperature in °F			Vapour pressure in mbs.	Relative humidity %.	Departure from normal.	Cloud amount (Oktas).		Mean wind speed, miles per hour.	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
P., East—*contd.*																										
Rai	0830	463	1017·1	1000·5	..	62·6	53·5	44·5	9·9	53	..	2·0	..	2·5	0	0	20	1	1	1	1	2	3	8	3	8
	1730	"	1013·3	997·3	..	81·6	61·9	44·4	9·6	28	..	2·4	..	5·2	0	0	28	15	2	0	0	0	0	2	9	0
Sanpur	0830	414	1016·8	1001·9	+1·4	61·8	56·0	50·4	12·7	67	−1	1·1	−0·2	3·6	0	0	21	2	1	5	0	1	4	7	1	7
	1730	"	1013·1	998·8	..	78·1	63·7	58·8	13·7	39	..	2·5	..	5·3	0	0	27	4	2	0	0	0	0	9	12	1
Lucknow	0830	371	1016·6	1003·4	+1·3	62·4	54·3	48·8	10·7	61	−7	0·8	−1·2	1·6	0	0	22	2	1	2	1	0	3	9	4	6
	1730	"	1013·3	1000·9	..	78·1	63·7	52·4	13·5	42	..	1·7	..	1·4	0	0	18	0	0	2	0	0	1	10	5	10
Lucknow (Amausi Aerodrome)	0530	419	1014·6	999·3	..	52·1	49·7	48·0	10·9	84	..	0·7	..	1·9	0	0	13	0	0	2	0	1	1	3	6	15
	0830	"	1016·6	1001·5	..	60·6	54·7	49·3	13·9	67	..	1·0	..	2·8	0	0	18	0	2	2	0	1	3	6	4	10
	1130	"	1016·4	1001·8	..	77·0	61·3	48·8	11·7	37	..	1·6	..	6·0	0	2	23	0	3	0	3	0	1	6	12	3
	1730	"	1012·8	998·3	..	78·1	61·7	47·7	11·8	35	..	2·9	..	3·7	0	0	23	0	2	0	0	0	0	6	15	5
Mardoi	0830	467	1015·9	999·1	..	57·4	52·2	46·8	11·0	72	..	0	..	1·4	0	0	19	1	0	2	1	1	2	6	6	9
	1730	"	1012·3	992·1	..	80·4	62·3	48·7	11·1	33	..	0·3	..	2·0	0	0	27	1	3	0	1	0	3	5	14	1
Lakhimpur Kheri	0830	483	1016·5	999·2	..	61·1	55·1	49·6	12·1	66	..	2·7	..	1·5	0	0	17	1	1	2	2	0	3	5	3	11
	1730	"	1012·7	995·9	..	76·3	62·7	52·0	13·3	44	..	2·9	0	1·1	0	0	11	0	0	0	0	0	1	7	3	17
Lahraich	0830	407	1016·6	1002·1	+2·0	60·7	52·0	51·2	9·5	68	−6	0·9	−0·7	1·6	0	0	16	0	0	3	3	0	3	5	4	10
	1730	"	1013·0	999·6	..	78·3	62·7	50·3	12·4	39	..	2·2	..	1·4	0	0	16	0	0	2	1	0	6	4	3	12
P., West																										
Jhansi	0830	823	1017·8	988·6	+1·8	66·6	55·6	44·5	10·2	47	−7	0·8	−0·6	1·0	0	0	8	2	0	3	0	0	0	2	1	20
	1730	"	1012·5	984·3	..	82·5	61·4	41·3	9·1	25	..	1·3	..	0	0	0	0	0	0	0	0	0	0	0	0	28
Agra	0830	553	1017·6	997·5	+1·5	57·3	51·7	45·4	10·6	68	+5	0·2	−1·9	0·2	0	0	3	0	0	0	0	0	0	3	0	25
	1730	"	1013·6	994·5	..	79·7	61·7	44·8	10·7	31	..	1·2	..	0·9	0	0	12	2	0	0	0	0	0	7	3	16
Mainpuri	0830	516	1017·3	998·7	..	59·8	54·7	49·7	12·3	72	+6	1·7	−0·5	1·5	0	0	17	1	0	0	1	0	3	7	5	11
	1730	"	1013·7	995·7	..	77·9	63·7	53·3	13·8	41	..	2·8	..	1·5	0	0	17	0	0	0	1	0	2	8	6	11
Aligarh	0530	615	1015·6	993·1	..	54·4	51·1	50·0	11·2	78	..	0·6	..	1·8	0	0	12	0	1	0	0	0	0	11	0	16
	0830	"	1017·3	995·5	..	57·5	52·8	48·3	11·7	70	+3	2·3	+0·3	0·9	0	0	9	0	0	1	0	0	0	7	1	19
	1130	"	1017·3	995·8	..	75·5	61·4	49·4	12·3	41	..	2·4	..	5·2	0	2	20	1	2	2	0	0	0	13	4	6
	1730	"	1013·8	992·5	..	77·3	63·1	42·1	13·4	43	..	2·5	..	1·5	0	1	9	0	2	1	0	0	0	5	2	18
	2330	"	1016·0	994·6	..	60·7	55·6	51·2	13·1	71	..	0·8	..	1·8	0	0	10	0	1	2	0	0	0	5	2	18
Bareilly	0830	568	1016·2	995·9	+1·1	61·2	54·5	48·0	11·6	63	−12	2·1	−0·2	2·2	0	0	15	2	0	2	3	0	0	4	4	13
	1730	"	1012·7	993·0	..	76·7	60·6	46·1	10·8	35	..	3·8	..	1·2	0	0	9	1	0	0	0	0	0	7	1	19
Bareilly (P. B. O.)	0230	565	1014·5	997·8	..	60·3	56·1	53·0	13·3	77	..	1·2	..	3·0	0	0	22	3	1	1	0	1	0	9	7	6
	0530	"	1014·5	994·5	..	57·6	54·3	52·9	12·9	82	..	0·5	..	2·7	0	0	18	0	0	5	1	0	0	5	7	10
	1130	"	1016·1	996·3	..	75·5	59·9	46·3	10·7	36	..	2·8	..	5·4	0	1	27	0	1	0	3	3	1	7	13	0
	2330	"	1015·0	994·8	..	63·2	58·1	54·4	14·2	73	..	1·4	..	2·0	0	0	19	1	0	2	1	0	2	8	5	9
Meerut	0830	728	1017·4	991·3	+1·9	59·4	53·8	48·7	11·6	67	−3	0·7	−1·6	1·5	0	0	19	0	0	0	0	0	1	9	9	9
Najibabad	0830	885	1016·9	985·1	..	55·7	52·2	48·5	11·7	74	..	1·5	..	2·3	0	0	21	0	7	1	2	0	0	0	14	4
	1730	"	1014·1	983·5	..	75·5	60·7	48·0	11·5	40	..	1·7	..	3·0	0	0	26	0	0	0	3	0	2	2	19	2
Roorkee	0830	899	1016·9	984·5	+1·3	55·1	52·2	49·2	12·1	81	+2	2·8	+0·2	1·1	0	0	16	0	0	0	3	0	0	0	13	12
	1730	"	1013·1	982·0	..	74·4	60·2	47·5	11·4	40	..	3·5	..	1·6	0	0	22	0	0	0	4	0	0	1	17	6
Dehra Dun	0530	2,239	901·0	537·3	..	53·6	49·3	45·0	10·3	74	..	1·6	..	2·1	0	0	20	9	9	0	0	0	0	0	2	8
	0830	"	902·7	938·9	+1·9	56·5	51·6	47·3	10·4	72	+2	3·3	0	0·8	0	0	10	4	4	0	0	0	0	2	0	18
	1130	"	904·4	939·7	..	69·5	56·9	46·0	10·8	44	..	3·2	..	1·9	0	0	23	1	0	0	0	8	9	5	0	5
	1730	"	901·8	937·0	..	69·8	58·2	45·5	12·0	49	..	3·3	..	0·2	0	0	18	2	1	0	0	0	2	9	4	10
	2330	"	902·3	938·4	..	57·3	52·9	48·1	11·8	71	..	1·7	..	2·6	0	0	24	12	11	0	0	0	0	1	0	4
Punjab (I)																										
New Delhi	0230	710	1015·5	989·9	..	57·8	51·9	45·4	10·5	64	..	1·6	..	3·9	0	2	16	3	0	2	0	1	0	5	7	10
	0530	"	1015·5	989·8	..	55·6	50·6	44·3	9·8	67	..	1·0	..	3·8	0	1	19	2	0	2	1	0	2	8	5	8
	0830	"	1017·2	991·6	+1·5	58·1	51·3	43·8	9·9	60	−8	2·7	−0·2	5·3	0	1	25	1	0	1	3	1	1	13	6	2
	1130	"	1017·1	992·2	..	73·8	58·7	44·3	10·3	36	..	3·0	..	7·8	0	4	23	2	1	3	2	1	1	5	12	1
	1730	"	1013·6	988·9	..	77·2	60·1	44·5	10·1	32	..	3·2	..	6·5	0	2	25	5	3	2	1	0	1	0	15	1
	2330	"	1015·9	990·5	..	61·0	54·1	47·1	11·1	62	..	0·8	..	2·9	0	1	16	3	1	2	0	1	0	2	8	11
Hissar	0830	725	1018·0	991·6	+2·0	53·0	47·5	40·6	8·7	63	−2	1·4	−0·8	1·9	0	0	21	2	2	2	2	0	7	3	3	7
	1730	"	1013·9	988·8	..	78·7	61·5	46·1	11·0	33	..	1·2	..	2·3	0	0	20	4	4	1	0	0	0	2	9	8
Karnal	0830	818	1017·2	987·3	..	53·8	49·9	45·5	10·3	74	..	2·9	..	0·2	0	0	1	0	0	0	0	0	0	1	0	27
	1730	"	1013·4	985·2	..	75·4	59·2	43·7	9·9	34	..	2·2	..	0·2	0	0	3	0	0	0	0	0	0	0	3	25
Ambala	0830	892	1016·8	984·7	+1·4	55·8	51·8	48·0	11·3	75	+2	3·2	+0·3	1·8	0	0	20	7	1	3	2	0	0	1	6	8
	1730	"	1013·2	982·4	..	74·9	63·0	53·8	14·3	53	..	2·4	..	2·6	0	0	23	4	2	1	1	0	1	2	12	5

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, miles per hour.	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
Punjab (E)—*contd.*																										
Ambala (P. B.O.)	0230	906	1015·4	983·0	..	59·3	56·2	53·7	14·0	82	..	2·1	..	4·1	0	0	22	5	0	2	0	0	0	1	14	6
	0530	"	1015·4	982·9	..	57·0	54·6	52·5	13·4	86	..	2·0	..	2·8	0	0	16	2	0	0	0	0	0	0	14	12
	1130	"	1017·1	985·3	..	68·8	61·0	55·9	14·7	64	..	3·3	..	5·6	0	3	21	2	2	3	1	0	0	4	12	4
	2330	"	1015·9	983·7	..	62·8	59·1	56·5	15·6	81	..	1·9	..	3·6	0	0	19	2	1	1	0	0	0	0	15	9
Patiala	0530	822	1017·1	987·6	..	57·7	52·3	48·9	11·0	68	..	3·7	..	2·3	0	0	22	12	1	2	0	0	0	0	6	6
	1730	"	1013·7	985·1	..	74·0	58·8	44·5	10·1	36	..	3·3	..	3·3	0	0	23	15	1	0	0	0	0	1	6	5
Ludhiana	0830	810	1017·5	988·2	+1·7	55·6	52·1	48·8	11·7	77	+1	2·9	+0·3	0·1	0	0	1	0	0	0	0	0	0	0	1	27
	1730	"	1014·4	986·1	..	71·1	60·1	45·6	10·5	36	..	3·4	..	1·0	0	0	14	1	1	0	1	0	0	5	6	14
Ferozepur	0830	657	1017·6	994·0	..	51·8	49·5	46·8	11·2	84	..	3·1	..	1·6	0	0	15	3	5	0	0	0	0	2	5	13
	1730	"	1014·8	989·2	..	74·5	61·3	46·9	12·8	45	..	2·5	..	3·3	0	0	20	4	6	0	0	1	0	0	9	8
Amritsar	0530	774	1016·7	988·4	..	48·3	46·7	34·9	10·1	88	..	2·1	..	4·0	0	0	24	4	3	0	0	0	1	8	8	4
	0830	"	1018·0	989·8	..	52·0	49·5	47·1	10·9	83	..	3·6	..	3·9	0	0	25	6	4	0	1	0	1	6	7	3
	1130	"	1018·2	990·9	..	68·0	57·2	47·3	10·9	50	..	3·0	..	6·4	0	2	24	6	4	1	2	0	0	3	10	2
	1730	"	1014·9	987·9	..	72·6	58·5	45·5	10·8	40	..	4·0	..	6·3	0	1	26	1	1	1	3	0	0	3	18	1
Pathankot	0830	1,128	1017·8	977·1	..	54·1	50·2	46·0	10·6	74	..	3·8	..	1·7	0	0	20	0	9	11	0	0	0	0	0	8
	1730	"	1015·0	975·9	..	71·1	60·8	51·9	13·6	52	..	5·3	..	1·7	0	0	21	1	1	0	0	1	0	16	2	7
Jammu and Kashmir																										
Srinagar	0830	5,205	803·5	848·2	+4·1	36·0	34·2	31·6	5·7	84	—4	6·5	+0·8	1·9	0	0	13	3	0	1	1	0	0	2	6	15
	1130	"	804·5	848·6	..	44·9	40·0	34·0	6·2	67	..	5·6	..	1·9	0	0	13	5	1	0	3	0	0	1	3	15
	1730	"	802·0	845·6	..	48·5	41·5	33·8	6·0	58	..	5·6	..	2·7	0	0	19	6	1	0	0	0	1	3	8	9
Gulmarg	0830	8,709	Closed during Winter months																							
Dras (R)	0830	10,059																								
(R)	1730	"																								
Kargil (R)	0830	8,790																								
Leh	*0530	11,529	712·1	667·7	..	17·0	13·9	2·8	1·8	48	..	3·1	..	2·3	0	0	15	0	15	0	0	0	0	0	0	12
	0830	"	713·9	669·2	+5·3	21·6	16·7	2·6	1·7	41	—14	3·9	—1·4	0·3	0	0	2	0	1	0	0	1	0	0	0	26
	1730	"	710·0	666·7	..	35·2	27·2	12·4	2·7	37	..	4·3	..	4·8	0	0	24	0	4	0	0	3	12	2	3	4
Skardu (R)	0830	7,505																								
(R)	1730	"																								
Gilgit (R)	0830	4,890																								
(R)	1730	"																								
Misgar (R)	0830	10,190																								
(R)	1730	"																								
Jammu	0830	1,200	..	..	..	59·3	51·7	43·7	9·8	57	—9	2·5	—0·6	6·4	0	0	28	2	22	0	0	0	4	0	0	0
Rajasthan, West																										
Sri Ganganagar	0830	580	1018·1	996·5	..	55·3	49·3	42·2	9·3	63	—17	1·5	—1·8	2·3	0	0	28	6	2	6	4	2	1	2	5	0
	1730	"	1014·1	993·7	..	76·5	58·2	39·8	8·4	29	..	1·7	..	2·3	0	0	24	6	4	1	0	1	0	0	12	4
Bikaner	0830	734	1017·5	990·5	+1·3	54·5	47·5	36·5	8·2	53	—6	1·3	—1·9	1·1	0	0	13	0	5	0	7	0	0	0	1	15
	1730	"	1013·4	988·3	..	82·7	59·9	40·7	7·6	22	..	1·9	..	2·8	0	0	26	4	14	0	0	0	2	0	6	2
Bikaner (P. B. O.)	0530	735	1016·5	989·8	..	52·9	48·7	44·5	9·8	73	..	1·9	..	0·7	0	0	6	2	2	2	0	0	0	0	0	24
	1130	"	1017·5	991·9	..	76·8	62·7	51·0	13·2	42	..	2·0	..	3·1	0	0	17	7	1	2	2	2	0	0	3	1
	2330	"	1016·6	990·3	..	62·3	55·1	48·1	11·5	60	..	0·9	..	1·1	0	0	8	4	2	1	0	0	0	0	1	2
Jaisalmer	0830	793	1016·8	988·6	..	61·5	54·3	45·5	11·1	62	..	1·4	..	6·6	0	6	18	2	11	0	2	0	6	0	3	
	1730	"	1012·7	985·7	..	83·1	67·6	52·8	16·1	46	..	2·0	..	10·7	0	11	16	0	10	0	0	0	5	1	11	
Jodhpur	0230	736	1015·5	989·3	..	61·0	51·6	36·5	7·1	37		1·1	..	5·7	0	2	20	3	15	2	0	0	0	2	0	
	0530	"	1015·1	989·1	..	60·3	49·8	36·4	7·5	42	..	0·8	..	5·8	0	0	25	3	22	0	0	0	0	0	0	
	0830	"	1017·3	991·0	+3·0	61·6	50·5	36·0	7·6	39	—8	2·4	+0·2	4·9	0	1	22	3	20	0	0	0	0	0	0	
	1130	"	1017·3	991·7	..	78·5	59·7	41·3	9·0	28	..	2·1	..	4·9	0	0	20	1	10	4	4	1	0	0	0	
	1730	"	1013·1	987·9	..	85·1	62·0	40·4	8·6	22	..	2·7	..	4·6	0	0	23	3	12	1	0	0	2	4	1	
	2330	"	1015·9	989·9	..	69·9	54·6	37·2	7·7	31	..	0·8	..	6·5	0	2	24	8	11	0	1	0	2	3	1	
Phalodi	0830	767	1017·6	989·9	..	57·9	49·9	40·9	8·7	55	..	2·5	..	4·5	0	0	24	7	0	4	5	4	2	1	1	
	1730	"	1013·9	987·5	..	83·4	64·3	48·1	12·0	31	..	2·7	..	7·7	0	2	25	7	4	3	0	1	5	2	5	
Barmer	0530	638	1014·7	992·0	..	63·7	55·5	47·3	11·3	57	..	1·1	..	3·4	0	0	19	1	1	0	0	0	0	0	17	
	0830	"	1016·7	994·0	+2·2	63·2	55·0	47·1	11·1	57	—1	2·7	+0·6	2·6	0	0	17	1	1	1	0	0	0	0	14	
	1130	"	1016·9	994·8	..	78·3	64·0	52·2	14·0	42	..	2·7	..	2·5	0	0	23	3	9	3	2	2	1	0	3	
	1730	"	1012·6	990·9	..	86·1	68·8	56·6	16·2	39	..	2·6	..	2·6	0	0	25	7	6	2	1	1	3	2	3	
	2330	"	1015·4	993·0	..	70·9	60·1	51·0	12·9	50	..	0·9	..	2·0	0	0	16	1	0	0	0	0	0	3	12	

(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.			Mean temperature in °F.			Vapour pressure in mbs.	Relative humidity %		Cloud amount (Oktas).		Mean wind speed, miles per hour.	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
itham, East																										
ar	0830	1,419	1018·0	967·2	..	56·1	51·6	47·2	11·0	73	..	2·2	..	1·4	0	0	17	1	4	1	9	1	0	0	1	11
	1730	"	1012·6	964·9	..	79·7	67·6	58·2	17·6	52	..	2·6	..	1·9	0	0	25	4	5	0	1	0	1	8	6	3
ur	0830	1,431	1017·1	967·1	+1·6	66·1	54·5	42·3	9·3	43	−8	1·8	−0·8	3·0	0	0	18	4	1	10	3	0	0	0	0	10
	1130	"	1016·5	967·6	..	78·1	60·0	42·7	9·6	30	..	1·4	..	4·3	0	0	26	2	2	3	6	2	5	1	5	2
	1730	"	1012·9	964·4	..	80·7	61·3	43·5	9·8	28	..	2·8	..	3·3	0	0	26	4	0	0	1	3	5	8	5	2
ur (Sanganer Aerodrome)	0230	1,282	1015·2	969·8	..	60·3	51·0	40·4	8·6	50	..	1·3	..	5·2	0	3	23	6	6	8	0	0	0	0	6	2
	0530	"	1015·3	969·7	..	57·8	49·6	40·0	8·5	53	..	1·2	..	4·3	0	0	25	5	4	10	0	0	0	1	5	3
	0830	"	1016·9	971·7	..	63·5	53·2	41·3	9·3	47	..	2·6	..	3·5	0	0	21	1	2	11	1	0	0	1	5	7
	1130	"	1016·4	972·3	..	76·7	58·3	38·8	8·4	28	..	2·9	..	4·7	0	0	23	0	1	5	6	2	2	1	6	5
	1730	"	1012·6	968·9	..	80·1	60·1	40·9	8·8	25	..	3·4	..	3·1	0	0	19	2	0	0	1	3	0	5	8	9
	2330	"	1015·5	970·4	..	63·3	52·7	40·1	8·9	45	..	1·5	..	4·1	0	2	19	7	3	5	0	0	0	0	6	7
ier	0830	1,593	1018·2	962·0	+1·9	59·9	49·8	38·7	7·7	47	−5	2·5	+0·8	1·1	0	0	12	3	2	0	2	1	0	2	2	16
	1730	"	1012·8	958·9	..	80·0	57·2	34·3	5·8	20	..	2·2	..	1·7	0	0	19	3	1	0	1	2	3	3	6	9
ah	0530	843	1015·1	985·0	..	61·2	53·4	45·5	10·5	57	..	0·9	..	0·2	0	0	2	0	0	0	0	0	0	0	2	26
	0830	"	1017·2	986·4	+0·3	63·0	53·8	44·5	10·0	52	+4	1·4	−0·3	0·3	0	0	3	0	0	0	0	0	0	1	2	25
	1130	"	1016·7	987·5	..	79·0	59·7	41·6	8·8	28	..	1·6	..	2·1	0	0	21	4	2	6	3	0	0	2	4	7
	1730	"	1012·2	983·5	..	85·4	62·0	39·2	8·5	21	..	2·5	..	2·6	0	0	18	4	4	0	0	0	1	3	6	10
	2330	"	1015·3	985·7	..	69·9	57·5	45·5	10·6	43	..	1·1	..	0·5	0	0	4	0	1	0	0	0	0	1	2	24
lawar	0830	1,053	1017·1	979·7	+1·7	62·2	52·8	42·5	9·4	50	−2	0·6	−0·9	0·3	0	0	2	1	1	0	0	0	0	0	0	26
	1730	"	1011·7	976·2	..	86·4	61·9	37·4	7·9	19	..	1·1	..	1·4	0	0	15	6	4	0	0	0	0	2	3	13
ipur	0230	1,910	901·0	949·4	..	57·5	51·0	44·8	10·2	64	..	0·3	..	0·2	0	0	2	0	0	0	0	0	0	0	2	26
	0530	"	900·6	949·2	..	55·2	49·5	44·0	9·8	67	..	0·5	..	0·4	0	0	4	1	0	0	0	0	0	0	3	24
	0830	"	902·6	950·7	+1·0	59·1	51·4	44·1	9·7	59	+9	1·4	0	0·4	0	0	4	4	0	0	0	0	0	0	0	24
	1130	"	904·9	951·6	..	77·9	59·8	44·8	10·4	32	..	1·6	..	2·1	0	0	16	2	3	6	4	0	0	0	1	12
	1730	"	902·0	948·2	..	81·4	61·6	46·1	10·8	30	..	2·6	..	2·1	0	0	16	1	2	2	2	1	2	2	4	12
	2330	"	902·7	950·4	..	61·9	53·6	46·0	10·3	57	..	0·6	..	0·2	0	0	2	0	0	0	0	0	1	0	1	26
ya Bharat																										
alior (P.B.O.)	0230	688	1015·2	990·5	..	56·9	52·7	48·3	11·9	75	..	0·7	..	1·2	0	0	12	0	0	0	0	0	5	3	4	16
	0530	"	1015·3	990·5	..	55·3	50·8	46·0	10·7	74	..	0·4	..	0·9	0	0	6	0	0	0	0	2	2	0	2	22
	0830	"	1017·0	992·5	+1·1	63·5	54·4	45·3	10·4	54	−2	1·4	−0·3	1·6	0	0	11	2	0	0	1	1	3	1	3	17
	1130	"	1016·8	993·0	..	77·1	59·4	42·3	9·4	30	..	3·0	..	4·1	0	0	26	5	7	2	2	0	2	1	7	2
	1730	"	1013·0	989·3	..	80·3	61·4	43·8	10·1	28	..	2·7	..	4·1	0	0	28	13	5	2	0	0	0	0	8	0
	2330	"	1015·9	991·3	..	61·5	54·9	48·4	11·7	65	..	0·8	..	1·0	0	0	8	0	0	0	0	0	3	1	4	20
opur Kalan	0830	771	..	..	..	60·1	49·9	43·3	7·7	54	..	2·0	..	1·5	0	0	12	4	3	1	1	3	0	0	0	16
	1730	"	..	..	..	85·1	61·1	36·3	7·5	20	..	2·9	..	3·3	0	0	17	6	1	0	0	0	0	1	9	11
ia	0530	1,571	1015·5	960·0	..	57·4	53·1	48·6	12·1	73	..	0·9	..	1·6	0	0	14	2	7	4	1	0	0	0	0	14
	0830	"	1017·1	961·9	+1·5	61·5	55·2	49·5	12·3	66	+9	2·9	+1·7	2·6	0	0	19	1	2	10	1	5	0	0	0	9
	1130	"	1015·7	962·5	..	80·6	66·1	56·0	16·0	46	..	2·0	..	5·0	0	0	28	1	5	12	3	1	0	2	4	0
	1730	"	1011·5	958·8	..	84·1	68·7	59·2	17·7	45	..	3·0	..	4·3	0	0	26	4	4	4	0	0	0	4	10	2
	2330	"	1015·8	961·1	..	65·8	58·0	52·1	13·3	62		0·8	..	1·6	0	0	14	5	3	3	2	0	0	0	1	14
much	0830	1,626	1017·4	960·7	+1·7	65·3	51·4	36·1	7·3	36	−11	2·4	+1·0	3·6	0	0	27	3	22	1	1	0	0	0	0	1
	1730	"	1012·2	957·7	..	84·5	59·4	35·1	7·2	18	..	3·5	..	3·7	0	0	25	2	11	2	1	0	3	1	5	3
lam	0830	1,596	1016·3	960·9	..	65·7	53·5	41·3	9·0	43	..	2·2	..	6·5	0	1	25	6	15	5	0	1	0	0	0	12
	1730	"	1010·8	957·6	..	87·3	62·8	43·1	9·6	22	..	3·1	..	4·7	0	0	25	3	9	2	0	0	3	2	6	3
ore	0530	1,861	899·5	949·6	..	58·7	48·7	37·4	7·7	46	..	0·4	..	1·2	0	0	10	2	5	2	0	0	0	0	1	18
	0830	"	902·0	951·6	+0·8	65·5	52·3	38·5	8·1	38	−8	1·5	+0·2	1·8	0	0	15	3	8	2	1	0	0	1	0	1
	1130	"	904·2	952·0	..	83·9	60·8	40·1	9·0	23	..	1·4	..	6·5	0	2	24	3	7	3	4	5	2	2	0	2
	1730	"	901·0	948·4	..	86·8	60·8	36·3	7·7	17	..	2·4	..	5·6	0	1	27	6	3	1	0	3	2	8	5	0
	2330	"	901·4	950·6	..	67·9	52·8	37·1	7·6	34	..	0·7	...	3·2	0	1	21	8	9	0	0	1	0	2	2	6
pal (Bairagarh)	0230	1,714	899·6	954·6	..	64·9	51·8	38·5	8·1	39	..	0·8	..	6·6	0	1	24	7	10	3	3	1	0	0	1	3
	0530	"	899·3	954·7	..	61·6	50·5	38·7	8·0	44	..	1·0	..	5·7	0	0	25	5	12	1	3	1	1	2	0	8
	0830	"	901·9	956·9	+1·3	66·3	52·9	39·4	8·2	39	−9	1·5	0	6·3	0	1	24	6	6	6	4	0	1	1	1	3
	1130	"	903·7	957·0	..	81·8	60·1	40·4	9·3	25	..	1·5	..	10·5	0	8	20	2	3	10	4	5	2	2	0	0
	1730	"	900·8	953·5	..	86·4	61·5	38·9	8·4	20	..	2·5	..	8·2	0	2	24	9	4	0	0	1	4	3	5	2
	2330	"	901·0	955·6	..	69·5	54·1	38·7	8·1	33	..	0·7	..	6·9	0	0	27	9	12	1	3	0	1	0	1	1
hya Pradesh																										
wgong	0830	750	1017·3	990·2	+1·2	55·4	50·1	45·2	10·0	69	+3	1·9	−0·2	1·3	0	0	14	0	4	1	0	6	0	0	3	14
	1730	"	1012·1	986·6	..	84·0	61·2	39·4	8·2	21	..	2·3	..	2·0	0	0	27	0	12	1	2	0	0	0	12	1
na	0830	1,041	1017·0	980·2	+1·5	63·5	55·7	47·3	11·8	56	−3	1·4	−0·5	1·3	0	0	17	1	0	4	2	0	5	5	0	11
	1730	"	1011·9	976·5	..	73·1	64·6	49·6	12·4	32	..	1·8	..	2·9	0	0	23	7	0	3	0	1	0	2	10	5

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, miles per hour.	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	1,506	1016·6	964·1	..	63·5	56·8	48·0	11·9	52	−10	0·6	−1·5	0·6	0	0	8	1	0	4	2	1	0	0	0	20
	1730	"	1011·2	959·6	..	82·8	63·6	47·7	12·4	31	..	2·1	..	2·7	0	0	25	8	3	0	1	0	2	3	8	3
Madhya Pradesh, East																										
Gondia	0830	1,026	1016·2	980·4	..	70 3	62·5	56·0	15·8	61	..	1·5	..	0·5	0	0	7	0	0	0	2	1	1	0	3	21
	1730	"	1011·1	976·6	..	87·4	67·3	52·1	13·8	32	..	2·4	..	2·2	0	0	26	6	5	0	6	0	3	2	4	2
Pendra	0530	2,048	901·4	944·2	..	61·4	53·6	46·2	10·9	59	..	0·7	..	0·4	0	0	6	4	0	0	0	2	0	0	0	22
	0830	"	903·9	946·3	+1·5	67·4	56·9	47·9	11·6	52	−7	1·1	−0·8	0·5	0	0	7	4	0	0	0	2	0	0	1	21
	1130	"	904·7	946·2	..	78·9	61·1	46·8	11·2	34	.	1·4	..	4·9	0	1	26	10	4	2	0	5	4	0	2	1
	1730	"	901·7	942·9	..	79·6	61·8	48·1	11·6	35	..	2·7	..	3·4	0	0	24	6	3	0	1	4	3	1	6	4
	2330	"	902·6	945·0	..	66·6	56·7	48·4	11·7	53	.	1·4	..	1·6	0	0	16	2	0	1	0	5	1	3	4	12
Raigarh	0830	723	1016·3	990·9	..	69·9	61·1	54·6	14·3	58	.	2·0	..	2·8	0	0	25	6	12	3	2	0	1	1	0	3
	1730	"	1011·5	987·1	..	87·2	65·5	49·6	12·5	27	..	1·3	..	1·6	0	0	17	5	5	0	2	0	2	1	2	11
Ambikapur	0830	2,005	903·2	947·7	..	63·1	55·9	50·0	12·4	65	..	1·1	..	2·4	0	0	19	1	4	3	0	3	7	1	0	9
	1730	"	901·4	944·3	..	80·1	60·9	45·3	10·5	31	..	1·4	..	5·9	0	0	28	10	3	0	0	0	4	3	8	0
Champa	0830	805	1016·3	988·0	..	67·3	59·3	52·7	13·7	60	..	2·0	..	2·9	0	0	25	16	2	0	1	0	0	1	5	3
	1730	"	1011·6	984·3	..	87·1	65·3	47·3	11·5	28	..	2·5	..	3·1	0	0	24	6	1	0	1	1	0	9	6	4
Raipur	0530	979	1013·8	979·5	..	66·9	59·1	52·5	13·4	61	.	0·6	..	1·3	0	0	11	3	0	0	1	6	0	0	1	17
	0830	"	1016·1	982·0	+1·3	71·7	61·1	52·5	14·4	52	−4	2·1	+0·5	2·1	0	0	16	5	1	1	2	2	5	0	0	12
	1130	"	1015·4	982·0	..	82·9	65·3	51·6	13·6	35	..	1·7	..	3·6	0	0	27	4	5	2	3	4	4	2	3	1
	1730	"	1011·2	978·2	..	87·6	66·3	49·8	12·9	28	..	2·1	..	2·0	0	0	22	6	4	0	1	3	2	2	4	6
	2330	"	1014·2	980·3	..	74·3	62·3	52·6	13·7	48	..	0·6	..	1·4	0	0	14	1	0	2	4	4	3	0	0	14
Kanker	0830	1,318	1016·4	970·7	+1·9	70·3	61·8	55·1	15·0	60	−8	2·1	+0·3	0·1	0	0	2	0	0	0	0	1	1	0	0	26
	1730	"	1010·9	966·8	..	87·0	66·1	50·1	12·5	30	..	2·7	..	0·4	0	0	5	0	2	0	1	0	0	1	1	23
Chanda	0830	634	1015·8	993·8	+1·4	75·3	64·4	56·5	15·5	53	−4	2·6	+1·2	0·4	0	0	5	0	0	2	2	1	0	0	0	23
	1730	"	1010·6	989·3	..	90·5	67·2	49·2	12 3	26	..	3·0	..	2·6	0	0	22	1	5	13	2	0	1	0	0	6
Sironcha	0830	405	1016·4	1002·1	..	73·3	66·3	61·7	10·8	68	..	2·8	..	3·8	0	0	27	1	2	10	11	3	0	0	0	1
	1730	"	1011·2	997·5	..	92·0	68·7	52·0	13·9	27	..	1·9	..	1·7	0	0	20	2	3	8	7	0	0	0	0	8
Jagdalpur (P.B.O.)	0530	1,318	900·2	952·0	..	60·9	57·5	55·1	14·8	81	..	1·0	..	0·2	0	0	2	0	0	1	1	0	0	0	0	26
	0830	"	902·8	954·0	+1·6	66·6	60·3	55·9	15·3	69	−2	2·9	+1·3	1·0	0	0	11	2	0	2	5	1	1	0	0	17
	1130	"	904·1	953·6	..	83·2	65·5	53·1	15·5	37	..	2·2	..	3·8	0	0	26	2	3	3	3	2	5	5	3	2
	1730	"	901·0	950·3	..	84·5	64·6	50·0	12·7	32	..	3·4	..	3·0	0	0	26	5	9	3	2	4	2	1	0	2
	2330	"	901·8	952·7	..	68·6	60·9	55·6	15·2	64	..	0·9	..	0·4	0	0	4	1	0	1	1	0	0	0	1	24
Madhya Pradesh, West																										
Buldhana	0830	2,133	903·2	942·2	..	71·4	60·3	51·6	13·4	50	..	2·1	..	3·2	0	0	26	2	0	2	3	6	8	1	4	2
	1730	"	901·3	938·9	..	88·8	67·8	53·7	14·7	32	..	3·1	..	3·1	0	0	28	0	9	0	2	4	4	0	9	0
Akola	0830	925	1015·4	983·1	+0·9	70·2	57·0	44 1	10·0	40	−4	2·3	+0·9	2·6	0	0	25	1	2	8	5	4	1	3	1	3
	1130	"	1014·4	983·2	..	88·6	66·2	48·6	11·9	27	..	2·2	..	4·8	0	0	28	3	5	6	2	1	4	3	4	0
	1730	"	1009·4	978·7	..	94·1	68·4	48·3	12·2	21	..	3·1	..	3·6	0	0	27	6	2	3	1	2	4	3	6	1
Akola (Aerodrome)	0530	1,015	1012·8	977·3	..	67·1	54·7	41·3	9·6	40	..	1·1	..	2·6	0	0	24	0	2	9	4	3	1	4	1	4
	2330	"	1012·6	977·8	..	76·1	59·6	43 2	10·1	32	..	0·7	..	3·1	0	0	26	0	0	6	10	5	2	2	1	2
Amravati	0830	1,213	1015·3	973·5	+1·1	74·0	60·0	47 2	11·4	40	−3	2·3	+0·9	2·8	0	0	23	0	5	12	2	1	2	0	1	5
	1730	"	1009·7	969·5	..	92·2	67·3	47·1	11·6	23	..	2·8	..	2·6	0	0	24	3	3	4	2	1	3	3	5	4
Yeotmal	0830	1,481	1015·1	964·5	..	76·1	63·7	55·7	14·6	49	..	2·6	..	6·5	0	0	26	0	12	0	7	0	6	0	1	2
	1730	"	1009·7	960·5	..	89·4	69·7	57·7	15·9	35	..	3·0	..	3·9	0	0	26	0	12	2	4	0	2	0	6	2
Khandwa	0830	1,044	1015·3	979·0	+0·6	69·1	59·7	51 6	13·3	53	+8	1·5	+0·4	2·2	0	0	12	0	4	1	2	1	1	1	2	16
	1730	"	1009·5	974·7	..	92·6	75·7	66·1	22·7	43	..	2·5	..	5·1	0	0	28	9	4	0	1	2	4	4	4	0
Hoshangabad	0830	992	1016·0	981·1	+0·5	67·5	55·5	43 1	9·2	43	−8	2·2	+0·8	2·9	0	0	22	0	6	8	5	1	1	0	1	6
	1730	"	1010·3	977·0	..	89·9	64·1	41·0	8·8	19	..	2·9	..	1·9	0	0	23	2	6	5	1	1	3	4	1	3
Sagar	0830	1,808	902·4	953·7	+1·3	67·9	54·1	39·9	8·8	38	−6	1·4	−0·2	9·1	0	6	22	2	8	8	4	2	1	2	1	0
	1730	"	900·7	950·4	..	82·8	59·5	36·2	8·2	20	..	2·3	..	6·9	0	0	28	4	14	1	0	1	3	0	5	0
Jabalpur	0530	1,289	1014·9	969·2	..	58·4	53·6	49·0	11·9	71	..	0·5	..	0·9	0	0	8	0	2	0	6	0	0	0	0	20
	0830	"	1016·7	971·6	+1·7	66·0	57·1	49 1	12·0	55	−5	1·0	−0·6	2·1	0	0	16	0	5	0	10	1	0	0	0	12
	1130	"	1015·1	971·4	..	82·9	63·8	47 7	11·6	31	..	1·3	..	4·4	0	0	26	2	8	0	11	0	3	0	2	1
	1730	"	1010·9	967·6	..	85·9	65·0	47 9	11·7	28	..	1·9	..	4·1	0	0	25	1	13	0	4	0	0	3	4	1
	2330	"	1015·0	969·9	..	66·3	58·3	51 8	13·1	60	..	0·3	..	1·7	0	0	15	1	4	0	10	0	0	0	0	10
Mandla	0830	1,452	1017·4	966·2	..	60·4	56·9	53 9	14·2	80	..	1·7	..	0·9	0	0	13	2	3	1	1	3	1	1	1	12
	1730	"	1011·0	962·2	..	83·4	64·4	48 5	12·1	31	..	2·8	..	3·6	0	0	23	7	0	0	3	4	1	0	8	5
Seoni	0830	2,027	901·7	944·9	−0·7	66·3	56·2	47·3	11·4	51	−2	2·2	+0·6	1·3	0	0	14	4	4	1	1	2	2	0	0	14
	1730	"	900·6	942·2	..	85·0	64·7	50·5	12·7	32	..	3·9	..	3·0	0	0	24	6	1	3	4	3	6	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, miles per hour.	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
aya Pradesh, West—*contd.*																										
hindwara	0830	2,248	904·1	939·4	..	66·1	54·6	43·5	9·9	46	..	1·6	..	1·1	0	0	9	2	3	0	0	1	0	2	1	19
	1730	,,	902·0	935·9	..	85·3	60·9	38·6	8·4	21	..	2·8	..	3·5	0	0	28	5	1	0	1	3	7	6	5	0
ul	0830	2,144	903·8	942·6	..	67·5	55·5	44·1	10·2	44	..	1·1	..	2·2	0	0	24	1	1	12	8	1	1	0	0	4
	1730	,,	901·6	938·8	..	85·6	61·7	41·5	7·5	22	..	2·5	..	3·9	0	0	25	4	4	0	1	1	3	4	8	3
gpur	0230	1,010	1013·2	977·8	..	68·3	59·9	52·6	14·2	58	..	1·1	..	2·3	0	0	20	3	3	1	1	0	3	3	6	8
	0530	,,	1013·8	978·1	..	64·8	57·8	51·6	13·3	63	..	0·6	..	2·2	0	0	19	9	4	1	1	1	0	1	2	9
	0830	,,	1015·9	980·8	+1·2	72·5	62·1	53·7	14·3	53	+2	2·0	+0·2	3·1	0	0	23	5	9	6	2	0	0	0	1	5
	1130	,,	1015·0	980·8	..	86·7	70·1	59·5	12·7	41	..	1·6	..	5·9	0	0	28	0	2	6	7	3	8	1	1	0
	1730	,,	1010·3	976·5	..	90·4	70·5	58·1	16·5	35	..	3·0	..	4·9	0	0	27	3	2	7	5	6	3	1	0	1
	2330	,,	1013·9	978·9	..	72·9	62·0	53·3	14·0	51	..	1·1	..	2·4	0	0	17	1	3	1	2	1	2	2	5	11
rat																										
esa	0830	444	1016·1	1000·2	+0·9	63·6	53·5	43·0	9·5	48	..	2·1	..	..	0	0	28	21	4	0	0	2	0	0	1	0
	1730	,,	1012·1	997·0	..	88·7	66·1	48·2	11·8	25	..	2·4	..	..	0	0	28	11	4	0	0	3	7	0	3	0
rat	0530	39	1012·8	1011·4	..	66·2	58·6	51·8	13·4	62	..	0·2	..	4·4	0	0	28	8	6	0	7	2	1	0	4	0
	0830	,,	1015·3	1013·9	+0·8	69·3	59·8	51·9	13·3	56	−4	0·6	−0·4	2·6	0	0	25	6	18	0	2	1	0	0	4	3
	1130	,,	1015·3	1013·9	..	87·0	66·3	50·2	12·8	30	..	0·9	..	4·0	0	0	25	4	8	2	1	0	1	4	5	3
	1730	,,	1011·0	1009·7	..	91·8	68·1	51·5	12·8	25	..	1·4	..	5·9	0	0	28	1	0	0	0	0	5	2	20	0
	2330	,,	1013·9	1012·5	..	74·2	62·5	52·8	14·0	51	..	0·2	..	5·6	0	0	27	9	4	0	3	1	1	3	6	1
medabad	0230	182	1013·5	1007·1	..	66·9	55·8	45·0	10·3	48	..	0·6	..	5·3	0	0	26	8	9	2	0	0	0	0	7	2
	0530	,,	1013·4	1006·9	..	63·2	54·2	45·1	10·3	52	..	0·5	..	4·2	0	0	23	2	9	3	0	0	0	1	8	5
	0830	,,	1015·6	1009·2	+0·5	66·5	56·0	46·2	10·6	49	−7	1·9	+0·7	4·9	0	1	26	3	13	5	0	0	0	0	6	1
	1130	,,	1015·9	1009·7	..	84·2	64·2	48·0	11·5	29	..	1·7	..	8·8	0	6	22	3	7	13	1	1	0	1	2	0
	1730	,,	1011·7	1005·6	..	91·0	66·3	46·3	10·9	22	..	1·9	..	2·2	0	0	26	8	6	2	0	0	0	1	9	2
	2330	,,	1014·4	1008·1	..	71·9	58·4	46·1	10·6	40	..	0·5	..	6·4	0	0	27	9	3	1	0	1	0	0	13	1
had	0830	1,093	1016·1	977·8	..	68·0	54·1	38·6	8·1	35	−21	1·0	−0·5	5·3	0	4	26	3	12	3	2	3	1	1	2	1
	1730	,,	1010·9	974·4	..	90·4	63·3	37·9	7·7	17	..	0·6	..	6·1	0	2	25	6	4	3	1	1	2	2	8	1
roda	0530	115	1013·3	1009·1	..	61·4	55·8	50·6	12·7	69	..	0·2	..	1·6	0	0	15	3	9	1	0	0	0	0	2	13
	0830	,,	1015·4	1011·2	..	64·5	57·2	50·8	12·7	62	+4	0·9	−0·2	1·7	0	0	15	3	10	0	0	0	0	1	1	13
	1130	,,	1015·5	1011·6	..	87·4	70·5	59·0	17·8	40	..	1·2	..	2·6	0	0	23	3	7	7	1	1	0	1	3	5
	1730	,,	1011 4	1007·5	..	93·4	73·7	61·0	19·5	36	..	1·2	..	2·3	0	0	23	5	3	0	0	0	0	4	11	5
	2330	,,	1014·0	1009·9	..	70·4	61·5	54·4	14·6	58	..	0·1	..	1·5	0	0	18	5	9	1	0	0	0	1	2	10
roda (Aerodrome)	0530	124	1013·3	1008·9	..	63·4	52·6	40·5	8·7	43	..	0·3	..	2·5	0	0	22	14	1	1	1	0	0	3	2	6
	0830	,,	1015·2	1010·8	..	66·2	54·8	42·5	9·6	44	..	0·4	..	3·1	0	0	23	13	1	0	2	0	1	0	6	5
	1730	,,	1011·3	1007·1	..	92·1	65·1	41·2	9·0	18	..	0·9	..	4·1	0	0	28	9	2	0	0	0	1	7	9	0
	2330	,,	1013·8	1009·5	..	73·3	58·1	43·3	9·7	34	..	0·3	..	2·1	0	0	21	9	2	0	0	0	0	4	6	7
oach	0830	57	1014·6	1012·5	..	64·1	54·6	44·8	10·3	51	..	0·7	..	2·4	0	0	25	6	8		4	2	1	0	2	3
	1730	,,	1010·5	1008·5	..	95·7	65·5	37·4	7·9	14	..	0·6	..	5·1	0	0	28	4	5		1	1	8	2	7	0
rashtra and Kutch																										
huj	0830	343	1016·6	1004·3	+1·3	62 3	55·3	48·2	11·8	61	+4	1·2	0	0·4	0	0	5	0	1	0	1	2	1	0	0	23
	1730	,,	1013·1	1001·4	..	87·9	63·1	40·2	8·5	20	..	1·1	..	4·6	0	0	24	8	6	1	0	0	1	2	6	4
huj (P. B. O.)	0230	347	1014·5	1002·2	..	68·2	55·9	45·0	9·8	45	..	0·4	..	0·8	0	0	6	3	1	0	0	0	1	1	0	22
	0530	,,	1014·5	1002·3	..	64·7	54·6	45·4	10·1	52	..	0·9	..	0·3	0	0	3	0	3	0	0	0	0	0	0	25
	0830	,,	1016·1	1003·8	..	65·6	56·3	47·3	11·3	54	..	2·2	..	0·1	0	0	2	0	1	0	0	0	1	0	0	26
	1130	,,	1016·5	1004·5	..	80·5	61·5	46·9	10·1	33	..	2·3	..	3·6	0	0	21	2	15	2	0	0	0	1	1	7
	1730	,,	1012·7	1000·9	..	87·1	61·7	40·9	7·4	21	..	2·0	..	4·3	0	0	23	5	10	2	0	0	2	3	1	5
	2330	,,	1015·2	1003·0	..	72·1	57·7	45·6	9·9	41	..	0 8	..	1·6	0	0	10	3	3	0	1	0	2	1	0	18
lwarka	0830	37	1016·3	1015·0	+0·9	67·9	64·1	61·4	18·7	81	+10	1·7	−0·1	5·9	0	0	27	14	9	2	0	0	0	0	2	1
	1730	,,	1013·6	1012·3	..	78·3	68·3	61·0	19·1	59	..	1·7	..	11·1	0	4	24	5	2	1	0	0	0	2	18	0
orbander	0830	23	1015·4	1014·6	..	66·3	60·9	56·5	15·9	73	..	1·1	..	6·3	0	0	28	9	5	2	2	0	0	0	10	0
	1730	,,	1012·5	1011·7	..	82·9	70·7	62·6	20·1	55	..	0·8	..	15·7	0	20	8	3	0	0	0	0	5	17	3	0
amnagar	0530	74	1014·0	1011·3	..	62·3	56·4	50·6	12·9	69	..	0·8	..	5·1	0	1	27	4	2	2	1	8	7	2	2	0
	0830	,,	1015·8	1013·1	+0·3	63·6	57·4	51·6	13·4	67	+11	2·2	+1·0	3·9	0	0	27	2	5	2	6	6	3	2	1	1
	1130	,,	1016·5	1013·9	..	80·1	62·3	47·1	11·2	33	..	1·6	..	8·0	0	7	20	5	15	2	0	1	1	2	1	1
	1730	,,	1012·7	1010·1	..	85·2	62·7	42·1	9·3	24	..	1·7	..	10·8	0	12	16	10	7	0	0	0	0	6	5	0
Rajkot	0830	432	1016·2	1000·8	+1·2	62·8	55·5	48·1	11·7	60	+3	1·7	+0·1	2·8	0	0	23	3	5	6	3	0	2	1	3	5
	1730	,,	1012·0	997·3	..	91·0	66·5	46·8	11·1	23	..	1·7	..	10·6	0	6	22	7	8	3	0	0	1	2	7	0
Rajkot (Aerodrome)	0530	439	1014·2	998·5	..	60·4	51·1	39·4	8·7	48	..	1·0	..	3·1	0	0	21	3	3	2	3	1	1	5	3	7
	0830	,,	1016·0	1000·4	..	63·7	53·5	41·2	9·4	47	..	1·7	..	2·7	0	0	24	3	4	7	3	1	2	1	3	4
	1130	,,	1015·9	1000·8	..	84·5	61·4	38·1	8·2	21	..	1·3	..	8·6	0	5	22	6	12	4	1	0	1	0	3	1

TABLE III—SUMMARY OF OBSERVATIONS AT FIXED HOURS—FEBRUARY 1953.

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, miles per hour.	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
Saurashtra and Kutch—*contd.*																										
Veraval	0230	26	1013·7	1012·8	..	65·5	58·0	50·5	13·1	63	..	0·6	..	9·8	0	5	23	14	3	1	0	0	0	0	10	0
	0530	,,	1013·4	1012·5	..	63·2	53·9	43·2	10·0	52	..	0·6	..	9·7	0	3	25	13	8	1	0	0	0	0	6	0
	0830	,,	1015·3	1014·4	+0·5	65·7	54·6	42·5	9·6	46	−10	1·3	+0·2	6·9	0	0	27	16	6	1	0	0	0	0	4	1
	1130	,,	1015·8	1014·9	..	84·9	65·7	48·3	13·0	35	..	1·3	..	10·4	0	6	22	1	8	2	0	1	6	6	4	0
	1730	,,	1012·3	1011·4	..	78·8	71·0	66·7	22·4	67	..	1·3	..	12·1	0	11	17	0	0	0	0	1	7	12	8	0
	2330	,,	1014·8	1013·9	..	70·3	64·6	59·8	18·2	73	..	0·5	..	6·5	0	1	26	6	5	1	1	0	0	4	10	1
Mahuva	0830	51	1014·7	1012·9	..	68·7	56·6	44·9	10·2	43	..	1·0	..	2·2	0	0	28	2	17	0	0	0	1	0	8	0
	1730	,,	1011·4	1009·7	..	88·1	72·2	62·7	19·8	43	..	0·8	..	9·5	0	0	28	0	3	0	16	8	1	0	0	0
Bhavnagar	0830	55	1016·0	1014·0	+1·0	63·6	52·8	41·1	8·8	44	−2	1·4	+0·1	1·6	0	0	18	1	0	0	0	0	5	10	2	10
	1730	,,	1011·8	1009·9	..	92·2	70·3	55·5	15·4	30	..	1·4	..	3·6	0	0	28	3	7	14	1	0	0	1	2	0
Bhavnagar (Aerodrome)	0830	35	1015·6	1014·3	..	67·6	54·0	38·8	8·1	36	..	1·3	..	7·1	0	1	27	2	0	0	0	0	0	5	21	0
	1130	,,	1015·8	1014·6	..	83·1	63·4	46·8	11·1	29	..	1·4	..	9·7	0	4	24	8	18	1	1	0	0	0	0	0
Konkan																										
Dahanu	0830	15	1014·2	1013·7	..	69·0	63·8	60·1	17·9	75	..	3·0	..	6·7	0	0	28	2	1	12	12	0	1	0	0	0
	1730	,,	1011·5	1011·0	..	79·8	75·4	73·3	28·0	81	..	0·9	..	10·5	0	9	19	6	0	0	0	0	0	11	11	0
Bombay (Colaba)	0830	35	1014·6	1013·3	+0·5	74·8	68·5	64·5	20·9	72	+1	2·2	+1·2	5·4	0	0	26	3	5	14	3	0	0	1	0	2
	1130	,,	1014·9	1013·7	..	83·4	71·0	63·7	20·3	53	..	2·0	..	2·6	0	0	21	2	3	6	3	2	0	1	4	7
	1730	,,	1011·5	1010·3	..	83·0	73·6	68·3	24·0	63	..	1·9	..	8·2	0	1	27	1	0	0	0	0	1	9	17	0
Bombay (Santacruz Aerodrome)	0230	27	1012·7	1011·8	..	67·4	62·2	58·4	16·8	74	..	0·5	..	1·8	0	0	8	5	1	1	0	0	0	0	1	20
	0530	,,	1012·5	1011·6	..	65·7	61·3	58·0	16·5	77	..	0·5	..	1·6	0	0	12	2	2	4	3	1	0	0	0	16
	0830	,,	1014·6	1013·7	+0·6	70·4	63·7	58·6	17·2	68	+6	2·3	+1·3	1·9	0	0	11	0	5	3	2	1	0	0	0	17
	1130	,,	1015·0	1014·1	..	87·5	67·3	52·1	13·7	32	..	1·7	..	5·4	0	0	24	1	6	3	2	2	2	4	4	4
	1730	,,	1011·4	1010·5	..	84·1	70·3	61·6	19·1	48	..	2·0	..	12·1	0	8	20	3	0	0	0	0	0	6	19	0
	2330	,,	1013·9	1013·0	..	71·4	65·3	61·1	18·6	72	..	0·4	..	1·5	0	0	12	3	0	2	3	0	0	1	3	16
Alibag	0830	23	1014·6	1013·8	+0·9	71·3	66·3	63·2	19·8	76	+9	2·1	+1·1	2·3	0	0	19	3	6	7	3	0	0	0	0	9
Harnai	0830	66	1014·2	1011·9	..	77·3	68·6	62·7	19·9	63	..	3·6	..	3·4	0	1	15	1	6	4	3	1	0	0	1	12
	1730	,,	1011·4	1009·1	..	81·9	74·6	70·7	26·0	69	..	2·5	..	12·1	0	11	17	3	0	0	0	0	5	4	16	0
Ratnagiri	0830	116	1014·1	1010·0	+0·7	72·8	67·7	64·4	20·8	76	..	2·5	..	..	0	0	28	0	0	28	0	0	0	0	0	0
	1730	,,	1010·7	1006·7	..	84·3	75·1	70·4	25·6	63	..	2·1	..	..	0	7	21	0	0	0	0	0	0	24	4	0
Devgad	0830	117	1014·3	1010·1	..	74·0	69·7	66·9	22·8	79	..	3·3	..	5·2	0	0	28	0	3	19	5	1	0	0	0	0
	1730	,,	1010·9	1006·9	..	84·8	75·3	70·1	25·6	62	..	2·7	..	12·3	0	8	20	1	0	0	0	0	2	10	15	0
Vengurla	0230	29	1012·5	1011·5	..	71·4	68·0	66·0	21·8	84	..	1·0	..	..	0	1	7	6	2	0	0	0	0	0	0	20
	0530	,,	1012·5	1011·5	..	69·1	66·4	64·9	21·0	86	..	1·2	..	..	0	0	9	7	1	0	0	0	0	1	0	19
	0830	,,	1014·9	1013·9	..	73·3	68·2	64·8	21·2	76	..	2·5	..	..	0	0	7	3	3	1	0	0	0	0	0	21
	1130	,,	1014·9	1013·9	..	87·6	72·1	62·3	19·8	46	..	2·1	..	..	0	1	21	2	2	0	1	2	9	6	0	6
	1730	,,	1011·2	1010·2	..	84·5	74·6	69·1	24·7	61	..	2·4	..	..	0	0	16	0	0	0	0	0	5	11	0	12
	2330	,,	1013·8	1012·8	..	74·8	70·3	67·7	23·3	80	..	1·5	..	..	0	0	5	2	0	0	0	0	0	3	0	23
Marmagao	0830	202	1014·5	1007·5	+1·1	77·4	71·5	68·3	23·7	74	+1	2·7	+1·3	4·6	0	0	28	0	4	15	6	3	0	0	0	0
	1730	,,	1010·8	1003·9	..	83·1	77·2	74·6	29·2	75	..	3·4	..	5·9	0	0	28	0	0	0	0	0	3	17	8	0
Karwar	0830	13	1014·8	1014·3	+1·3	71·6	68·1	65·8	21·9	82	..	2·1	..	..	0	0	4	0	1	1	1	0	1	0	0	24
	1730	,,	1011·4	1011·0	..	83·6	75·0	70·7	25·8	65	..	1·8	..	..	0	0	26	0	0	0	0	0	2	17	7	2
Honavar	0830	85	1014·7	1011·7	..	73·0	67·6	64·4	20·6	75	..	3·2	..	3·4	0	0	28	0	1	21	4	0	0	1	1	0
	1730	,,	1010·7	1007·7	..	85·1	75·8	71·5	26·2	64	..	2·9	..	3·6	0	0	28	1	0	1	0	0	3	18	5	0
Deccan (Desh)																										
Jalgaon	0830	660	1015·7	992·3	..	65·4	51·2	33·2	6·5	31	..	1·2	..	3·4	0	0	22	1	3	6	6	1	4	1	0	6
	1730	,,	1009·6	987·6	..	96·3	65·8	37·7	7·9	14	..	1·5	..	7·1	0	3	25	3	1	2	2	2	3	4	11	0
Malegaon	0830	1,432	1015·9	966·2	+1·0	68·9	54·8	38·9	8·3	35	−10	1·2	+0·1	1·1	0	0	15	0	0	0	0	0	6	1	8	15
	1730	,,	1010·0	962·5	..	92·0	65·2	40·4	9·1	17	..	1·0	..	1·6	0	0	19	4	7	0	0	2	1	2	3	9
Deolali	0830	1,875	901·9	950·9	..	65·2	53·8	42·8	9·6	45	..	2·0	..	2·6	0	0	20	9	2	0	0	6	2	1	0	8
Ahmednagar	0830	2,154	903·3	941·8	+1·0	67·4	53·1	38·2	8·1	35	−5	2·5	+1·7	2·3	0	0	17	0	1	0	6	3	1	0	6	11
	1730	,,	901·5	938·3	..	90·5	63·9	43·1	9·5	20	..	2·7	..	2·6	0	0	25	0	9	1	6	0	4	1	4	5
Poona	0530	1,835	899·5	950·3	..	61·3	55·4	51·1	12·6	69	..	0	..	0·3	0	0	4	0	0	1	0	1	0	2	0	24
	0830	,,	901·9	952·5	+1·1	64·7	56·6	50·2	12·4	60	−1	1·5	+0·7	0·3	0	0	4	0	0	0	0	1	1	2	0	24
	1130	,,	903·9	952·5	..	85·2	62·1	43·4	9·7	23	..	1·8	..	2·1	0	0	21	0	0	18	0	0	0	3	0	7
	1730	,,	900·6	948·4	..	91·5	65·2	45·6	10·5	21	..	2·4	..	2·1	0	0	19	1	1	6	1	0	2	5	3	9
	2330	,,	901·5	951·4	..	71·1	61·1	54·0	14·4	55	..	0·5	..	0·4	0	0	6	0	0	0	0	0	1	5	0	25
Poona (Lohagaon Aerodrome)	0230	1,947	900·5	946·5	..	67·0	55·4	44·7	10·3	46	..	0·5	..	0·7	0	0	8	0	0	1	0	0	0	2	5	25
	0530	,,	900·1	946·4	..	64·1	53·2	43·5	9·5	48	..	0·3	..	0·9	0	0	10	2	0	1	0	0	0	4	3	18
	0830	,,	902·4	948·6	..	67·2	55·0	43·6	9·8	44	..	2·0	..	1·9	0	0	17	0	0	3	1	0	0	6	7	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 %		Cloud amount (Oktas).		Mean wind speed, miles per hour.	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
an (Desh)—*contd.*																										
ona (Lohagaon Aerodrome) —*concld.*	1130	1,947	904·2	948·8	..	85·3	60·4	37·7	7·9	19	..	2·5	..	5·1	0	1	22	0	2	12	4	2	0	1	2	5
	1730	,,	900·7	944·7	..	90·4	62·3	37·1	7·8	16	..	2·8	..	7·3	0	6	18	0	1	3	7	1	1	4	7	4
	2330	,,	901·9	947·6	..	72·3	57·7	44·7	10·4	39	..	0·6	..	2·8	0	0	19	1	0	2	0	0	0	10	6	9
ır	0830	1,709	901·8	956·5	..	69·7	56·1	43·6	9·9	40	..	1·6	..	1·8	0	0	16	3	3	3	4	0	0	2	1	12
	1730	,,	900·0	952·3	..	92·1	68·1	51·8	13·7	27	..	2·6	..	4·4	0	0	28	3	3	5	6	3	1	3	4	0
olapur	0530	1,570	1013·8	959·5	..	68·4	54·8	43·4	9·2	41	..	1·4	..	1·0	0	0	8	1	2	0	4	0	1	0	0	20
	0830	,,	1015·5	961·6	+1·5	73·7	57·9	43·7	10·0	35	−5	2·0	+1·1	2·4	0	0	23	0	6	2	11	2	2	0	0	5
	1130	,,	1014·2	961·6	..	86·9	64·1	45·6	11·1	26	..	2·9	..	5·9	0	0	27	2	1	2	3	8	11	0	0	1
	1730	,,	1009·0	957·3	..	91·9	64·9	44·0	10·0	19	..	3·2	..	3·6	0	0	25	1	8	2	11	1	2	0	0	3
	2330	,,	1013·3	959·9	..	78·1	58·4	40·6	8·8	27	..	1·0	..	1·1	0	0	8	1	0	0	6	0	1	0	0	20
iraj	0830	1,817	902·0	952·8	+0·9	69·2	58·3	49·4	12·2	50	−8	2·5	+1·6	1·1	0	0	10	0	2	4	1	1	0	0	2	18
	1730	,,	900·3	948·7	..	91·0	67·3	51·5	13·2	27	..	2·9	..	5·7	0	0	27	2	4	12	4	1	2	2	0	1
olhapur	0530	,,	899·9	948·9	..	64·9	58·6	53·8	14·2	69	..	1·1	..	0·9	0	0	11	0	0	3	0	1	4	3	0	17
	0830	,,	902·2	951·1	..	67·4	59·5	53·3	14·2	62	..	2·3	..	0·9	0	0	8	0	3	2	0	0	1	2	0	20
	1130	,,	903·7	951·0	..	84·3	63·7	48·3	11·8	30	..	2·1	..	5·2	0	0	24	0	8	7	7	2	0	0	0	4
	1730	,,	900·1	946·8	..	90·7	64·6	44·1	10·2	21	..	2·9	..	5·9	0	1	24	0	3	10	2	0	4	5	1	3
japur	0830	1,950	902·8	948·4	+1·0	72·7	58·6	47·1	11·1	42	−10	3·2	+2·2	3·1	0	0	28	3	0	0	3	7	11	1	3	0
	1730	,,	900·7	944·5	..	90·5	63·8	41·9	9·5	19	..	3·6	..	3·7	0	0	26	3	5	11	4	1	2	0	0	2
lgaum	0830	2,562	904·2	928·8	+1·7	63·4	56·3	50·3	12·6	63	+7	1·9	+0·8	0·6	0	0	7	2	0	0	2	2	0	0	1	21
	1730	,,	902·4	925·5	..	87·3	62·5	42·2	9·3	22	..	2·7	..	2·1	0	0	20	1	3	4	3	5	2	1	1	8
lgaum (Sambre Aerodrome) .	0530	2,497	902·3	928·8	..	64·3	56·5	49·8	12·5	61	..	0·4	..	3·1	0	1	13	1	3	3	5	1	1	0	0	14
	0830	,,	904·3	930·4	..	72·4	59·9	50·0	12·5	47	..	2·2	..	4·9	0	2	14	0	4	0	12	0	0	0	0	12
	1130	,,	904·9	930·5	..	82·5	62·7	47·3	11·5	30	..	2·0	..	12·3	0	13	13	1	3	2	16	3	1	0	0	2
	1730	,,	901·9	927·3	..	86·7	62·9	43·4	9·9	23	..	2·7	..	11·1	0	11	15	1	3	8	8	0	2	3	1	2
adag	0830	2,131	903·8	942·5	+1·3	75·0	64·4	57·4	16·4	56	−1	3·6	+2·7	5·1	0	0	25	0	2	11	8	0	0	2	2	3
	1730	,,	901·5	938·8	..	88·6	68·4	56·2	15·6	34	..	4·2	..	5·9	0	0	28	0	9	15	1	0	0	2	1	0
adag (P.B.O.) . . .	0530	2,150	901·1	939·7	..	68·2	60·8	56·4	15·2	67	..	0·5	..	..	0	0	9	2	0	0	4	2	1	0	0	19
	0830	,,	903·8	941·9	..	74·7	63·2	56·7	15·1	55	..	2·7	..	..	0	0	14	0	0	1	9	3	0	1	0	14
	1130	,,	904·6	942·0	..	85·0	65·9	55·1	14·0	38	..	2·4	..	..	0	3	20	3	1	8	11	0	0	0	0	5
	1730	,,	900·9	938·0	..	88·3	68·1	59·7	15·3	36	..	2·2	..	..	0	1	16	0	2	14	1	0	0		0	11
	2330	,,	902·7	940·8	..	73·7	60·7	52·6	12·9	49	..	0·5	..	..	0	0	9	0	0	3	2	1	0	3	0	19
lerabad, North urangabad	0830	1,905	902·9	950·4	+0·8	68·4	53·8	40·1	8·3	36	−4	2·3	+1·2	4·4	0	0	27	1	6	16	1	0	0	2	1	1
	1730	,,	901·3	946·7	..	91·1	65·3	45·3	10·8	22	..	3·2	..	5·0	0	1	25	2	3	5	2	5	2	5	2	2
urangabad (Chikalthana Aerodrome)	0230	1,898	900·1	948·1	..	65·2	53·3	41·8	9·1	43	..	0·9	..	1·8	0	0	9	1	1	1	1	0	0	4	1	19
	0530	,,	900·0	948·2	..	61·6	51·2	40·3	8·7	47	..	0·8	..	2·1	0	0	12	1	1	1	2	0	0	5	2	16
	0830	,,	903·1	950·5	..	72·6	58·5	46·7	11·1	41	..	1·6	..	1·3	0	1	6	0	0	1	3	1	0	0	2	21
	1130	,,	904·4	950·6	..	86·1	66·1	51·5	13·8	33	..	2·0	..	8·0	0	1	26	1	1	2	9	8	5	0	1	1
	1730	,,	901·0	946·7	..	90·1	66·7	50·1	12·9	28	..	1·9	..	5·3	0	1	20	3	4	3	2	3	1	0	5	7
	2330	,,	901·6	949·2	..	70·0	56·1	42·9	9·8	40	..	1·2	..	2·7	0	0	14	3	2	1	1	0	0	5	2	14
arbhani	0830	1,393	1015·6	967·5	..	72·0	56·9	42·3	9·1	35	..	1·9	..	..	0	0	19	1	1	6	0	2	2	6	1	9
	1730	,,	1009·6	963·5	..	91·9	65·6	44·3	9·6	20	..	2·4	..	..	0	0	18	4	2	9	0	0	0	2	1	10
amagundam	0830	513	1016·0	998·1	..	75·3	65·8	59·0	17·4	59	..	1·7	..	2·3	0	0	20	0	1	2	14	3	0	0	0	8
	1730	,,	1010·9	993·6	..	92·6	68·2	48·8	12·5	25	..	2·5	..	2·4	0	0	26	0	3	8	12	3	0	0	0	2
izamabad	0830	1,250	1014·8	971·7	+0·7	77·5	63·0	54·9	13·1	53	−3	1·9	+0·7	1·0	0	0	14	2	1	4	4	0	0	1	2	14
	1730	,,	1009·6	968·0	..	90·7	66·4	46·9	11·1	23	..	2·2	..	1·2	0	0	16	3	9	2	0	1	0	1	0	12
idar	0830	2,178	903·3	940·6	..	71·3	61·1	53·4	14·3	54	+1	2·9	+1·5	7·9	0	1	26	0	0	3	2	8	13	1	0	1
	1730	,,	901·3	937·4	..	87·6	64·2	46·8	11·0	25	..	3·0	..	8·0	0	2	26	0	10	11	1	2	0	3	1	0
lerabad, South ulbarga	0830	1,503	1015·3	963·8	+1·3	74·5	60·9	50·1	12·7	43	−5	2·3	+1·6	3·1	0	0	25	1	7	7	4	3	1	1	1	3
	1730	,,	1009·0	959·4	..	91·4	64·6	44·1	9·9	20	..	2·6	..	5·2	0	0	28	0	3	14	9	0	1	1	0	0
aichur	0830	1,311	1015·2	970·2	+1·4	74·4	64·6	57·4	16·4	57	+3	3·0	+2·0	4·1	0	0	24	1	2	3	12	3	2	1	0	4
	1730	,,	1009·7	966·1	..	90·5	68·4	52·3	13·8	28	..	3·1	..	5·7	0	1	25	0	6	9	8	2	0	1	0	2
fahbubnagar	0830	1,657	902·5	958·7	..	74·4	66·6	62·0	19·1	67	..	3·4	..	3·9	0	1	21	0	4	8	4	3	1	0	2	6
	1730	,,	900·5	954·9	..	88·2	70·4	60·6	18·1	41	..	3·8	..	9·6	0	6	22	0	3	12	9	1	3	0	0	0
lyderabad (Nizamiah) . .	0830	1,778	902·7	954·6	+1·5	72·0	63·6	57·9	16·7	62	−3	3·2	+1·4	1·9	0	0	14	0	1	8	4	1	0	0	0	14
	1730	,,	901·0	951·3	..	87·7	66·6	52·9	13·8	31	..	3·8	..	7·1	0	0	28	0	1	18	7	1	1	0	0	0
derabad (Begumpet Aerodrome)	0230	1,787	900·3	952·1	..	68·7	60·4	50·4	14·2	61	..	1·1	..	4·7	0	0	19	1	1	7	10	0	0	0	0	9
	0530	,,	900·2	952·3	..	65·4	59·1	54·3	14·5	69	..	0·8	..	2·6	0	0	13	0	3	6	4	0	0	0	0	15
	0830	,,	903·0	954·6	..	71·4	62·6	56·7	15·8	61	..	3·4	..	3·6	0	0	17	0	0	7	8	0	0	0	2	11

Table III—Summary of Observations at Fixed Hours—February 1953.

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, miles per hour.	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
Hyderabad, South—*contd.*																										
Hyderabad (Begumpet Aerodrome)—*contd.*	1130	1,787	904·1	954·5	..	83·9	65·0	52·0	13·3	34	..	3·0	..	10·3	0	9	16	0	0	4	17	4	0	0	0	3
	1730	,,	900·8	951·1	..	86·6	64·7	48·8	12·0	28	..	3·8	..	9·8	0	3	25	0	0	16	10	2	0	0	0	0
	2330	,,	902·0	953·5	..	72·8	61·5	53·3	14·1	51	..	1·7	..	5·3	0	2	19	1	2	12	6	0	0	0	0	7
Hakimpet	0530	2,012	901·2	944·8	..	67·2	60·6	55·3	15·5	68	..	0·9	..	2·6	0	0	15	0	0	3	7	4	1	0	0	13
	0830	,,	903·4	946·6	..	72·6	63·0	55·5	15·8	58	..	2·4	..	5·3	0	0	26	0	0	4	8	9	3	2	0	2
	1130	,,	904·3	946·7	..	83·0	64·8	50·9	13·6	34	..	2·3	..	7·6	0	2	25	0	1	5	8	10	3	0	0	1
	1730	,,	901·3	943·5	..	84·8	64·1	47·1	12·1	28	..	2·7	..	6·3	0	0	28	0	3	13	7	4	1	0	0	0
Hanamkonda	0830	881	1016·0	985·4	+1·3	73·1	66·7	62·6	19·5	71	+1	2·6	+0·1	6·8	0	0	27	0	0	1	14	11	1	0	0	1
	1730	,,	1010·9	981·4	..	90·2	67·8	62·6	13·1	27	..	1·6	..	2·6	0	0	28	2	2	6	6	9	2	1	0	0
Bhadrachallam	0830	364	1016·3	1003·5	..	73·1	67·9	64·7	21·0	75	..	4·3	..	2·0	0	0	14	0	0	0	10	4	0	0	0	14
	1730	,,	1011·1	998·8	..	91·7	68·6	51·6	13·5	27	..	4·0	..	5·4	0	0	24	1	8	4	8	2	0	0	1	4
Khammameth	0830	367	1016·4	1003·4	..	74·4	68·7	65·6	21·4	75	..	2·8	..	3·6	0	0	24	0	0	11	13	0	0	0	0	4
	1730	,,	1011·3	998·9	..	91·9	70·4	56·9	15·6	32	..	3·2	..	3·4	0	0	28	0	0	11	14	3	0	0	0	0
Coastal Andhradesa																										
Nellore	0530	65	1013·7	1011·3	..	69·5	68·3	67·5	23·2	94	..	1·0	..	2·3	0	0	17	0	0	0	5	1	2	3	6	11
	0830	,,	1016·0	1013·7	+1·7	74·6	70·9	68·9	24·1	83	+2	3·0	+0·6	1·9	0	0	16	1	0	0	1	4	4	2	4	12
	1130	,,	1015·6	1013·4	..	85·9	73·1	65·7	22·0	52	..	2·8	..	4·1	0	0	28	0	6	4	12	3	1	1	1	0
	1730	,,	1012·6	1010·4	..	82·5	72·4	67·0	22·6	60	..	3·0	..	5·6	0	0	28	0	1	22	5	0	0	0	0	0
	*2330	,,	1015·2	1012·8	..	72·8	70·3	68·6	24·1	88	..	0·5	..	1·1	0	0	9	0	2	0	5	1	1	0	0	18
Ongole	0830	38	1015·9	1014·6	..	75·6	70·4	67·7	23·0	76	..	2·1	..	3·4	0	0	24	1	2	0	1	4	4	2	10	4
	1730	,,	1012·5	1011·1	..	81·8	71·0	65·1	21·0	57	..	1·5	..	5·8	0	0	28	0	0	14	14	0	0	0	0	0
Gannavaram	0530	88	1014·2	1011·1	..	69·0	67·0	65·7	21·8	89	..	1·5	..	1·5	0	0	13	0	5	5	1	1	1	0	0	15
	0830	,,	1016·4	1013·3	..	76·1	70·8	67·9	23·4	76	..	3·2	..	4·4	0	0	24	0	8	10	1	3	2	0	0	4
	1130	,,	1016·1	1013·1	..	85·7	72·9	65·4	21·8	51	..	3·1	..	5·9	0	0	27	0	2	7	11	7	0	0	0	1
	1730	,,	1012·4	1009·4	..	85·6	71·5	63·1	15·5	48	..	2·1	..	10·1	0	5	23	0	0	3	15	9	1	0	0	0
	2330	,,	1015·2	1012·1	..	71·9	68·5	66·3	22·3	83	..	1·2	..	1·6	0	0	16	0	0	6	4	3	2	1	0	12
Masulipatam	0230	10	1013·7	1013·4	..	72·5	70·1	68·9	24·1	88	..	0·9	..	1·4	0	0	11	2	0	1	4	3	0	0	1	17
	0530	,,	1014·1	1013·8	..	70·4	69·0	68·0	23·5	93	..	1·8	..	1·6	0	0	15	10	1	0	2	2	0	0	0	13
	0830	,,	1016·0	1015·7	+1·3	76·5	72·7	70·7	25·7	83	+2	2·9	+0·8	3·7	0	0	24	8	5	3	1	7	0	0	0	4
	1130	,,	1016·0	1015·7	..	83·4	74·1	69·2	24·6	63	..	3·0	..	6·7	0	0	28	0	1	8	12	7	0	0	0	0
	1730	,,	1013·0	1012·7	..	81·6	73·3	68·7	24·2	66	..	1·8	..	5·1	0	0	28	0	0	0	22	6	0	0	0	0
	2330	,,	1015·2	1014·9	..	74·6	71·9	69·3	25·5	83	..	1·0	..	2·0	0	0	12	0	0	0	7	5	0	0	0	16
Kakinada	0830	26	1016·7	1015·8	+1·9	78·3	70·9	66·6	22·5	68	−7	2·4	−0·2	4·7	0	0	26	4	7	0	3	1	5	0	6	2
	1730	,,	1012·9	1012·0	..	81·9	72·5	67·4	23·0	62	..	1·2	..	6·1	0	0	28	0	0	0	23	1	4	0	0	0
Visakhapatnam	0230	9	1013·7	1013·4	..	70·2	67·6	66·0	22·0	87	..	1·0	..	0·9	0	0	5	0	0	0	0	0	1	3	1	23
	0530	,,	1013·9	1013·6	..	68·0	66·1	65·2	21·0	91	..	1·1	..	0·2	0	0	2	0	0	0	0	0	0	1	1	26
	0830	,,	1016·2	1015·9	+1·5	76·6	70·2	66·4	22·3	71	−6	2·7	+0·2	2·3	0	0	11	1	0	1	0	0	3	2	4	17
	1130	,,	1015·6	1015·3	..	85·5	71·7	63·4	20·3	49	..	2·6	..	7·5	0	3	24	0	1	2	12	4	7	0	1	1
	1730	,,	1012·7	1012·4	..	80·9	71·3	66·3	21·9	63	..	2·7	..	9·0	0	0	28	0	0	2	14	9	3	0	0	0
	2330	,,	1015·2	1014·9	..	73·0	69·6	67·7	23·2	83	..	1·4	..	0·5	0	0	3	0	0	0	0	0	2	1	0	25
Calingapatam	0830	19	1016·2	1015·5	+1·3	70·0	66·5	64·3	20·6	82	+3	3·2	+1·4	4·3	0	0	28	0	0	1	0	0	0	13	14	0
	1730	,,	1012·7	1012·0	..	80·5	72·8	68·9	24·1	68	..	3·3	..	8·5	0	0	28	0	0	11	11	3	3	0	0	0
Rentachintala	0830	348	1015·7	1003·5	..	73·0	66·3	61·7	19·1	69	−1	3·5	+0·6	1·6	0	0	15	1	0	2	5	6	0	1	0	13
	1730	,,	1011·2	999·5	..	91·9	70·2	55·9	15·4	30	..	3·4	..	3·1	0	0	23	0	0	6	9	7	0	1	0	5
Rayalaseema																										
Arogyavaram	0830	2,299	904·4	937·6	..	68·7	61·2	55·3	15·4	66	..	2·2	..	2·7	0	0	19	0	0	0	10	9	0	0	0	9
	1730	,,	902·0	934·3	..	81·8	63·3	49·5	12·4	34	..	3·2	..	4·7	0	0	28	0	8	15	5	0	0	0	0	0
Cuddapah	0830	428	1015·4	1000·7	+1·5	79·8	69·1	62·7	19·4	57	−7	1·9	+0·5	1·1	0	0	12	0	0	12	0	0	0	0	0	16
	1730	,,	1010·9	996·4	..	89·3	78·9	73·9	29·0	61	..	2·0	..	3·9	0	0	27	0	0	27	0	0	0	0	0	1
Bellary	0830	1,473	1014·8	964·4	+1·2	74·5	61·5	50·5	12·8	44	−10	1·8	+0·4	1·8	0	0	17	0	1	1	10	2	3	0	0	11
	1730	,,	1008·9	960·1	..	89·9	64·4	41·5	9·1	19	..	2·3	..	3·3	0	0	24	0	3	4	13	1	3	0	0	4
Kurnool	0830	923	1015·7	983·5	+1·5	71·2	62·7	56·2	15·6	60	+1	2·4	+1·3	1·1	0	0	6	0	0	4	1	1	0	0	0	22
	1730	,,	1009·7	979·0	..	91·7	67·5	49·0	12·1	24	..	3·2	..	4·1	0	0	18	0	0	12	5	1	0	0	0	10
Anantapur	0530	1,147	1013·3	973·4	..	66·8	60·3	54·8	15·0	66	..	0·7	..	1·0	0	0	7	0	0	4	2	0	0	0	1	21
	0830	,,	1015·4	975·6	..	71·0	62·4	55·6	15·4	60	..	2·0	..	1·4	0	0	8	0	0	2	3	1	1	0	1	20
	1130	,,	1014·3	975·5	..	84·5	68·4	57·0	16·5	42	..	2·1	..	8·0	0	3	23	0	6	10	8	1	0	0	1	2
	1730	,,	1009·5	971·2	..	90·0	69·0	52·8	14·7	31	..	2·5	..	10·2	0	10	17	0	6	17	4	0	0	0	0	1
	2330	,,	1013·5	974·3	..	78·1	65·7	56·5	16·0	49	..	0·8	..	7·6	0	8	23	0	0	20	5	1	0	0	0	2

* 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.			Mean temperature in °F.			Vapour pressure in mbs.	Relative humidity %	Departure from normal.	Cloud amount (Oktas).		Mean wind speed, miles per hour.	Wind speed (m.p.h.).			No. of observations.								
			At mean sea or nearest g. p. kife. 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
Inland																										
Ayamcottai	0830	167	1015·3	1009·5	..	77·3	71·8	68·6	21·9	75	..	4·2	..	5·3	0	0	28	20	1	0	0	0	0	0	7	0
	1730	,,	1010·6	1004·9	..	85·6	73·8	68·6	23·1	58	..	2·1	..	6·9	0	0	27	0	0	27	0	0	0	0	0	1
Amban	0830	37	1014·6	1013·3	+1·1	80·2	76·3	74·5	29·2	82	+3	2·4	−0·2	4·4	0	0	28	19	8	1	0	0	0	0	0	0
	1730	,,	1011·5	1010·2	..	80·8	78·0	77·1	31·5	88	..	1·4	..	4·2	0	0	28	17	8	3	0	0	0	0	0	0
Arthurai	0830	437	1015·4	1000·2	+1·3	77·0	70·4	67·1	22·4	70	−6	3·7	+0·4	2·7	0	0	27	11	10	3	0	0	0	0	3	1
	1730	,,	1010·4	995·7	..	87·9	70·5	61·3	17·6	43	..	3·1	..	3·4	0	0	27	1	17	9	0	0	0	0	0	1
Nagapattinam	0830	31	1015·5	1014·5	+1·7	78·6	71·9	68·3	23·6	71	−6	3·3	−0·4	7·7	0	1	26	8	11	2	1	0	0	1	4	1
	1730	,,	1012·4	1011·3	..	79·9	73·1	69·6	24·8	71	..	3·0	..	12·9	0	8	20	1	19	7	1	0	0	0	0	0
Tiruchirapalli	0230	289	1013·4	1003·3	..	71·2	68·2	66·6	22·2	86	..	1·5	..	3·9	0	0	18	2	8	7	1	0	0	0	0	10
	0530	,,	1013·7	1003·4	..	70·1	67·5	65·9	21·9	88	..	2·1	..	2·2	0	0	11	1	8	2	0	0	0	0	0	17
	0830	,,	1015·6	1005·5	+1·1	75·2	69·7	66·6	22·3	75	−6	2·9	+0·6	5·6	0	0	27	4	21	2	0	0	0	0	0	1
	1130	,,	1015·2	1005·3	..	83·6	70·7	62·8	19·1	51	..	3·4	..	7·0	0	0	28	0	23	5	0	0	0	0	0	0
	1730	,,	1011·1	1001·2	..	87·3	70·1	58·8	17·4	40	..	3·1	..	10·1	0	4	24	0	4	22	1	0	1	0	0	0
	2330	,,	1015·0	1004·9	..	73·7	69·5	67·1	22·8	79	..	1·3	..	5·2	0	0	23	0	12	10	1	0	0	0	0	5
Coimbatore	0830	1,341	1016·4	970·1	+1·9	72·4	65·8	61·4	18·7	69	−9	3·2	+0·2	7·2	0	0	28	0	14	14	0	0	0	0	0	0
	1730	,,	1009·9	965·2	..	88·0	65·3	46·6	11·0	25	..	2·8	..	7·6	0	0	28	0	14	14	0	0	0	0	0	0
Coimbatore (Peelamedu Aerodrome).	0530	1,307	1013·9	968·4	..	67·1	62·3	58·5	17·0	75	..	1·6	..	4·1	0	0	25	10	7	5	0	0	0	0	3	3
	0830	,,	1015·7	970·6	..	71·6	65·8	62·0	19·0	72	..	2·7	..	7·9	0	0	28	7	13	8	0	0	0	0	0	0
	1130	,,	1014·3	970·1	..	81·2	66·4	55·6	15·3	43	..	2·0	..	10·6	0	8	20	2	11	15	0	0	0	0	0	0
	1730	,,	1009·5	965·8	..	88·0	65·2	47·0	10·9	25	..	2·0	..	11·4	0	6	22	0	1	12	14	1	0	0	0	0
	2330	,,	1014·1	969·3	..	75·3	64·0	55·2	15·2	51	..	1·0	..	6·9	0	4	20	3	4	15	2	0	0	0	0	4
Salem	0530	913	1013·3	981·5	..	69·0	65·1	62·4	19·4	80	..	1·0	..	2·5	0	0	19	0	18	1	0	0	0	0	0	9
	0830	,,	1015·8	984·1	+1·3	73·6	66·3	61·4	18·8	66	−8	1·4	−0·3	3·9	0	0	22	1	20	1	0	0	0	0	0	6
	1130	,,	1014·6	983·6	..	84·2	67·8	56·5	15·7	39	..	1·6	..	3·5	0	0	23	1	21	1	0	0	0	0	0	5
	1730	,,	1009·9	979·3	..	88·5	67·0	50·7	12·9	28	..	1·8	..	4·9	0	0	28	0	3	24	1	0	0	0	0	0
	2330	,,	1014·1	982·7	..	76·2	66·3	59·4	17·6	57	..	1·1	..	6·6	0	1	24	1	23	1	0	0	0	0	0	3
Tallakurichi	0830	416	1015·9	1001·3	..	73·8	68·4	65·3	21·3	75	..	3·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1730	,,	1011·2	997·0	..	86·1	69·3	58·4	22·1	40	..	2·4	..	..	..	..	..	..	..	..	..	.	..	..	..	..
Tuddalore	0530	39	1013·7	1012·2	..	69·7	68·1	66·9	22·8	90	..	1·1	..	0·4	0	0	3	0	0	2	0	0	0	0	1	25
	0830	,,	1015·8	1014·4	+1·5	75·0	70·5	68·2	23·5	79	−5	1·9	−1·1	1·4	0	0	18	2	2	0	0	0	0	14	10
	1130	,,	1016·1	1014·7	..	82·5	72·6	67·7	22·9	60	..	2·5	..	5·4	0	0	28	2	15	9	2	0	0	0	0	0
	1730	,,	1012·5	1011·2	..	80·7	72·3	67·8	22·6	65	..	3·1	..	4·4	0	0	28	0	13	12	3	0	0	0	0	0
	*2330	,,	1015·1	1013·9	..	76·3	71·2	68·2	23·8	77	..	1·1	..	3·5	0	0	20	1	9	8	2	0	0	0	0	7
Vellore	0530	703	1014·0	989·2	..	66·1	64·6	63·3	20·1	91	..	2·1	..	1·6	0	0	17	1	0	0	0	3	6	3	4	11
	0830	,,	1016·3	991·8	+2·0	71·6	66·7	63·8	20·2	76	−6	3·1	+0·7	0·7	0	0	9	1	0	0	1	0	0	3	4	19
	1130	,,	1014·9	990·9	..	82·8	69·9	62·1	19·2	50	..	3·5	..	5·2	0	0	28	2	9	4	4	2	3	1	3	0
	1730	,,	1011·4	987·6	..	85·5	67·8	55·0	15·3	36	..	2·1	..	5·8	0	0	28	0	10	10	7	1	0	0	0	0
	2330	73	1014·9	990·6	..	74·5	68·3	64·7	20·9	73	..	1·0	..	2·7	0	0	19	1	1	5	9	3	0	0	0	9
Madras	0230	51	1013·8	1012·0	..	71·5	69·6	68·5	23·9	89	..	1·0	..	1·7	0	0	15	1	0	0	0	1	0	4	9	13
	0530	,,	1013·8	1012·0	..	70·9	69·0	68·3	23·3	92	..	1·2	..	3·2	0	0	24	1	0	0	0	0	0	7	16	4
	0830	,,	1016·1	1014·3	+1·8	75·5	71·3	69·2	24·3	81	+1	2·8	+0·6	4·0	0	0	23	4	0	0	1	0	0	10	8	5
	1130	,,	1015·8	1014·1	..	83·8	72·3	66·1	21·9	55	..	3·6	..	5·4	0	0	27	0	11	9	5	0	2	0	0	1
	1730	,,	1012·8	1011·0	..	81·3	72·3	67·2	23·0	63	..	2·6	..	8·1	0	0	28	0	14	8	6	0	0	0	0	0
	2330	,,	1015·4	1013·6	..	74·3	70·9	68·8	24·3	83	..	1·3	..	1·5	0	0	16	1	2	4	5	0	0	1	3	12
Madras (Nungambakkam)	0830	21	1015·5	1014·9	..	77·1	72·0	69·2	24·5	77	..	2·9	..	3·5	0	0	28	3	4	1	2	0	8	1	9	0
Malabar and South Kanara																										
Mangalore	0230	72	1012·2	1009·1	..	76·1	71·8	69·5	24·7	80	..	1·6	..	3·9	0	0	26	0	6	17	1	0	0	0	2	2
	0530	,,	1012·4	1009·9	..	73·4	70·0	68·0	23·6	84	..	1·9	..	4·1	0	0	27	0	2	24	1	0	0	0	0	1
	0830	,,	1014·4	1011·9	+1·1	76·6	70·5	67·5	22·7	75	+2	2·8	+1·0	4·2	0	0	26	0	0	24	2	0	0	0	0	2
	1130	,,	1014·4	1011·9	..	85·8	71·8	63·0	20·3	51	..	2·9	..	5·3	0	0	28	0	0	6	3	2	4	8	5	0
	1730	,,	1010·4	1007·9	..	84·1	74·6	69·7	25·0	63	..	2·9	..	6·1	0	0	28	1	0	0	0	0	1	16	10	0
	2330	,,	1013·5	1011·1	..	78·4	73·1	70·5	25·4	77	..	1·7	..	2·1	0	0	20	3	4	9	0	0	0	0	4	8
Kozhikode	0530	27	1011·9	1011·0	..	73·5	70·0	67·9	23·4	83	..	1·5	..	2·3	0	0	25	0	3	21	0	1	0	0	0	3
	0830	,,	1014·3	1013·4	+1·3	76·5	70·9	67·8	23·3	75	−4	2·6	+0·5	3·7	0	0	28	0	10	16	0	1	0	1	0	0
	1130	,,	1014·1	1013·2	..	86·3	75·2	69·6	24·8	58	..	2·4	..	3·9	0	0	28	0	0	1	0	1	9	16	1	0
	1730	,,	1009·8	1008·9	..	85·6	75·9	71·3	26·2	63	..	2·1	..	5·4	0	0	28	0	1	0	0	0	1	17	9	0
	2330	,,	1013·3	1012·4	..	79·2	74·1	71·5	26·4	78	..	1·7	..	3·1	0	0	23	2	4	3	0	1	0	3	10	5
Palghat	0830	319	1014·8	1003·7	..	78·4	71·4	67·2	22·5	70	..	2·0	..	8·5	0	1	26	0	0	26	1	0	0	0	0	1
	1730	,,	1009·5	998·7	..	93·0	73·7	62·3	19·6	39	..	2·6	..	6·7	0	0	28	0	8	15	3	0	0	1	1	0

* Observations for 27 days.

TABLE III—SUMMARY OF OBSERVATIONS AT FIXED HOURS—FEBRUARY 1953.

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, miles per hour.	Wind speed (m.p.h.).			No. of observations. Wind direction.								
			At mean sea or nearest s. 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																										
Chitaldrug	0830	2,405	904·1	933·3	+1·2	73·2	64·1	57·0	16·7	60	+6	2·1	+0·5	3·1	0	0	19	0	0	9	7	1	1	1	0	9
	1730	,,	901·3	929·7	..	86·6	67·2	52·8	14·9	36	..	2·4	..	3·4	0	0	25	0	3	20	1	1	0	0	0	3
Shimoga	0830	1,872	902·2	951·1	..	66·8	61·5	56·9	16·5	73	..	2·3	..	0·1	0	0	2	0	0	0	0	0	2	0	0	26
	1730	,,	899·9	946·6	..	89·2	65·2	46·3	11·5	26	..	2·7	..	3·3	0	0	23	3	3	15	2	0	0	0	0	5
Hassan	0830	3,149	904·9	909·3	..	65·5	58·1	50·2	13·5	64	−8	2·0	−0·5	1·4	0	0	14	0	1	10	3	0	0	0	0	14
	1730	,,	901·7	906·0	..	82·7	60·3	38·6	8·8	23	..	2·7	..	4·9	0	0	28	0	3	17	7	1	0	0	0	0
Bangalore (Central Observatory)	0230	3,021	903·2	911·9	..	64·6	58·0	52·8	13·8	67	..	0·5	..	6·9	0	0	28	0	2	21	5	0	0	0	0	0
	0830	,,	905·2	913·8	+1·3	67·3	59·3	53·1	14·0	62	−8	2·3	+0·5	6·1	0	0	28	0	3	15	9	1	0	0	0	0
	1130	,,	905·3	913·8	..	78·8	59·3	41·1	9·4	28	..	2·1	..	9·4	0	3	25	0	3	18	6	1	0	0	0	0
	1730	,,	902·1	910·5	..	80·4	59·1	38·5	8·5	25	..	2·6	..	9·1	0	2	26	0	2	19	6	1	0	0	0	0
Bangalore (Aerodrome)	0530	2,942	903·0	914·4	..	61·3	58·6	56·4	15·8	85	..	1·5	..	1·3	0	0	7	0	1	1	5	0	0	0	0	21
	0830	,,	905·1	916·4	..	66·7	60·8	57·2	15·8	73	..	2·2		..	..	..	..	1	1	10	7	0	0	0	0	9
	1130	,,	905·3	916·7	..	79·4	62·2	48·3	12·2	37	..	2·1	..	..	..	..	..	0	1	11	14	1	0	0	0	1
	1730	,,	902·3	913·2	..	81·5	63·3	48·8	12·5	35	..	2·8	..	..	..	..	..	0	1	13	13	0	0	0	0	1
	2330	,,	904·9	916·1	..	68·2	61·0	55·8	15·4	66	..	1·7	..	..	..	..	..	0	0	6	11	0	0	0	0	11
Mysore	0830	2,518	904·4	929·9	+1·2	69·1	61·0	55·3	15·1	63	−3	2·4	+0·2	4·7	0	0	24	1	6	9	4	3	1	0	0	4
	1730	,,	901·5	926·1	..	85·4	61·9	41·4	9·4	23	..	2·8	..	9·2	0	6	22	2	10	10	4	2	0	0	0	0
Balehonnur	0830	2,917	..	..	..	65·7	59 9	55·5	15·2	72	−8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Travancore-Cochin																										
Fort Cochin	0830	10	1014·3	1014·0	+1·3	80·1	72·2	67·8	23·4	67	−6	4·3	+2·5	4·0	0	0	28	2	11	12	2	0	0	1	0	0
	1730	,,	1009·9	1009·6	..	83·7	74·8	70·3	25·4	64	..	4·0	..	9·3	0	1	27	0	0	0	0	0	7	15	6	0
Cochin (Willingdon Island Aerodrome).	0230	6	1012·0	1011·8	..	75·7	72·7	71·3	26·2	87	..	1·7	..	2·1	0	0	14	2	3	4	3	0	1	1	0	14
	0530	,,	1012·3	1012·1	..	73·0	70·6	69·4	24·4	89	..	2·5	..	1·9	0	0	12	1	6	4	0	0	0	0	1	16
	0830	,,	1014·1	1013·9	..	77·4	70·9	67·3	22·9	72	..	2·8	..	3·8	0	0	25	4	12	6	1	0	1	1	0	3
	1130	,,	1013·9	1013·7	..	85·6	72·5	65·1	21·6	53	..	3·3	..	6·4	0	0	28	4	1	1	3	2	4	3	10	0
	1730	,,	1010·0	1009·8	..	84·3	74·6	70·0	24·9	62	..	2·5	..	8·4	0	0	28	0	0	0	1	0	7	19	1	0
	2330	,,	1013·6	1013·4	..	77·4	73·4	71·5	26·3	82	..	1·9	..	1·6	0	0	15	2	2	4	0	1	0	3	3	13
Alleppey	0830	12	1014·1	1013·7	..	79·5	74·2	71·7	26·5	76	..	4·2	..	6·8	0	0	28	1	6	11	9	0	1	0	0	0
	1730	,,	1010·1	1009·7	..	84·5	78·0	74·7	29·8	74	..	3·1	..	13·9	0	19	9	0	0	1	0	0	2	20	5	0
Trivandrum	0230	211	1011·7	1004·4	..	74·5	70·9	68·7	24·3	83	..	1·1	..	2·4	0	0	27	6	11	2	1	0	1	0	6	1
	0530	,,	1011·7	1004·3	..	72·8	69·5	67·7	23·7	84	..	0·9	..	2·1	0	0	24	5	12	4	1	0	0	0	2	4
	0830	,,	1013·7 (d)	1006·4 (d)	+0·9	75·3	70·7	67·9	23·6	79	−10	2·9	+0·8	2·1	0	0	28	0	23	1	3	0	0	0	1	0
	1130	,,	1013·3	1006·1	..	85·7	73·0	66·0	22·0	53	..	3·7	..	2·7	0	0	28	1	2	0	5	0	16	1	3	0
	1730	,,	1010·4	1003·2	..	83·8	74·2	69·4	24·6	62	..	2·4	..	3·5	0	0	27	1	0	0	0	2	22	0	2	1
	2330	,,	1013·5	1006·3	..	77·3	72·5	70·0	25·1	79	..	1·1	..	2·4	0	0	27	10	4	1	0	1	0	0	11	1
Hill Stations excluding Kashmir																										
Kohima	0830	4,614	907·3	865·4	..	58·6	51·2	43·8	9·8	60	..	2·6	..	5·0	0	1	27	7	4	3	3	1	0	0	10	0
	1730	,,	904·3	862·1	..	55·8	51·6	49·6	11·5	77	..	5·0	..	2·4	0	0	26	1	0	1	4	3	6	7	4	2
Aijal	0830	3,599	902·5	892·5	..	63·5	54·3	46·0	10·9	53	..	1·3	..	2·6	0	0	24	0	1	15	0	1	5	1	1	4
	1730	,,	900·1	890·2	..	64·1	55·6	48·0	11·7	58	..	1·5	..	3·3	0	0	26	2	0	0	0	0	6	13	5	2
Shillong	0830	4,921	904·6	853·2	+1·9	57·2	49·0	40·1	8·7	54	−7	1·6	−0·5	0·7	0	0	4	0	0	0	0	0	4	0	0	24
	1730	,,	902·4	851·0	..	56·2	51·7	47·5	11·3	73	−3	5·7	..	0·4	0	0	3	0	0	0	0	0	3	0	0	25
Cherrapunji	0830	4,309	904·5	872·1	+1·6	58·6	51·5	43·9	10·7	59	−1	2·9	+0·4	3·8	0	1	26	1	6	8	2	1	9	0	0	1
	1730	,,	902·1	869·7	..	57·8	52·7	48·3	11·6	72	0	4·7	..	4·3	0	1	25	0	1	1	0	2	18	3	1	2
Darjiling	0830	7,432	803·0	778·0	+2·1	46·0	43·9	41·8	8·9	86	+10	5·3	+1·5	5·1	0	0	28	0	2	17	4	0	1	3	1	0
	1730	,,	800·7	775·8	..	44·8	43·9	42·4	9·2	91	..	6·4	..	7·2	0	0	28	0	0	3	1	0	4	20	0	0
Darjiling (Raj Bhawan)	0830	6,980	806·2	794·3	..	47·1	43·5	39·3	8·4	76	..	4·5	..	0·3	0	0	4	0	1	0	0	0	1	1	1	24
	1730	,,	804·0	792·0	..	47·5	44·9	41·9	9·3	80	..	6·1	..	1·1	0	0	15	0	1	0	0	1	6	7	0	13
Kalimpong	0830	3,965	901·8	880·1	−1·2	54·7	51·7	50·6	4·8	82	+9	2·5	−0·3	1·2	0	0	13	0	0	0	0	0	0	0	13	15
	1730	,,	897·8	876·0	..	59·0	54·7	51·1	12·7	75	0	4·5	..	1·4	0	0	15	0	0	0	15	0	0	0	0	13
Katmandu	0830	4,388	906·9	871·2	..	47·7	45·6	43·4	9·7	86	+1	3·7	−0·6	0·2	0	0	3	1	0	1	1	0	0	0	0	25
	1730	,,	902·5	868·0	..	61·1	52·7	44·8	10·2	57	−14	3·2	..	0·9	0	0	9	3	1	1	1	0	0	0	3	19
Mukteswar (Kumaon)	0830	7,592	804·6	775·0	+3·0	46·4	38·5	28·0	5·1	52	−2	3·4	+0·3	6·2	0	3	22	0	3	3	2	1	1	8	7	3
	1730	,,	802·9	773·7	..	51·3	44·1	36·3	7·3	60	..	3·8	..	9·6	0	3	24	0	0	1	0	0	6	15	5	1
Nainital	0830	6,409	801·7	806·9	..	48·2	44·2	29·7	8·5	54	..	2·6	..	2·5	0	0	17	5	1	2	0	0	0	6	3	11
	†1730	,,	801·2	805·9	..	51·4	45·6	39·4	8·4	66	..	3·8	..	2·9	0	0	27	3	2	4	0	0	6	12	0	0
Lokpal	0830											Closed during winter months.														
Mussooree	0830	6,699	802·7	799·0	+2·0	48·6	39·8	27·6	4·6	49	−16	3·9	+0·1	1·4	0	0	19	8	8	0	2	1	0	0	0	9
	1730	,,	801·7	798 0	..	51·5	45·8	39·3	7·7	65	..	4·6	..	2·4	0	0	24	3	3	6	8	2	0	0	2	4

(d) Mean of 27 days.

†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.			Mean temperature in °F.			Vapour pressure in mbs.	Relative humidity %.	Departure from normal.	Cloud amount (Oktas).		Mean wind speed, miles per hour.	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
stations excluding mmir—*contd.*																										
. . . . .	0830	7,224	803·0	783·9	+3·3	48·5	37·7	19·2	3·9	38	−8	4·0	+0·4	1·0	0	0	12	2	2	0	3	4	0	1	0	16
	1730	,,	802·0	783·1	..	49·9	41·6	31·8	6·0	53	..	4·4	..	1·3	0	0	18	3	4	1	1	5	4	0	0	10
ousie	0830	6,426	..	..	..	49·1	40·3	28·1	5·4	50	..	1·6	..	1·7	0	0	8	0	7	1	0	0	0	0	0	20
	1730	,,	..	..	..	50·6	45·0	39·6	8·2	63	..	3·0	..	0·5	0	0	4	0	2	0	1	0	0	0	1	24
amshala	0830	3,974	910·4	888·1	..	56·5	47·5	39·0	7·6	53	..	3·8	..	0·2	0	0	6	4	0	1	0	0	0	1	0	22
	1730	,,	908·7	886·7	..	61·2	52·0	45·7	9·5	58	..	4·7	..	1·1	0	0	22	2	0	2	0	0	0	14	4	6
marhi	0830	3,528	906·0	898·3	+1·9	65·7	55·0	45·7	10·5	49	−3	1·3	−0·4	2·0	0	0	23	2	2	3	5	8	2	1	0	5
	1730	,,	903·5	896·1	..	78·9	60·8	44·9	11·0	33	..	3·5	..	2·4	0	0	26	8	5	1	0	3	2	2	5	2
. . . . .	0830	3,921	905·6	885·3	+2·3	62·5	48·2	29·4	5·8	31	−12	1·6	−0·1	0·8	0	0	8	2	1	0	0	0	1	1	3	20
	1730	,,	903·7	883·8	..	71·0	51·8	26·9	5·4	21	..	2·7	..	1·6	0	0	22	10	4	1	0	0	0	6	1	6
abaleshwar	0830	4,534	905·2	866·4	+1·8	67·5	53·6	39·7	8·5	37	−10	2·5	+0·9	4·8	0	0	26	3	3	10	5	2	0	0	3	2
	1730	,,	902·4	864·3	..	76·0	61·0	49·5	12·3	40	..	2·1	..	3·6	0	0	27	5	1	1	1	0	0	9	10	1
li Hills*	0830	4,851	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
ara	0830	3,781	904·8	889·2	+1·6	64·8	57·0	50·3	12·7	62	−12	1·7	−1·2	3·7	0	0	20	0	9	9	0	0	0	1	1	8
	1730	,,	901·4	886·2	..	78·3	60·0	42·6	10·3	32	..	2·4	..	4·3	0	0				10	0	0	0	2	3	
ikanal	0330	7,688	805·1	773·5	+1·3	52·9	43·6	31·6	6·4	50	−2	2·8	+1·0	10·3	0	8	20	3	13	4	8	0	0	0	0	0
	1130	,,	805·1	773·9	..	60·2	49·1	37·1	7·9	46	..	2·5	..	8·7	0	6	21	2	10	3	9	1	0	0	2	1
	1730	,,	803·5	772·5	..	56·6	50·8	45·6	10·6	68	..	4·0	..	4·9	0	0	28	3	7	3	8	3	0	0	4	0
camund	0830	7,378	804·6	781·5	+0·6	53·0	43·7	32·7	6·4	50	−16	1·4	−0·4	2·3	0	0	15	1	10	2	1	1	0	0	0	13
	1730	,,	802·9	780·2	..	61·2	51·5	42·7	9·5	53	..	2·5	..	2·6	0	0	20	2	11	5	1	1	0	0	0	8
oor	0830	..	..	..	..	60·6	53·6	48·2	11·5	64	+2	1·4	−0·8	1·9	0	0	23	1	0	3	11	4	1	1	2	5
en . . . . . (R)	0830																									
ag (Chumbi) . . .	0830	..	..	..	..	39·3	38·2	37·0	7·6	92	+10	0·4	−2·1	..	..	..	..	..	..	..	..	..	..	..	..	..
a	0830	12,090	625·2	654·0	..	33·8	33·3	32·5	6·3	96	..	2·3	..	0	0	0	0	0	0	0	0	0	0	0	0	28
ase	0830	13,110	624·6	625·3	..	29·3	24·0	15·6	2·7	54	−4	1·0	−0·6	0·8	0	0	9	0	0	3	3	1	0	1	1	19
nbo	0830	24	1013·8	1013·0	+1·1	76·6	72·3	69·5	25·1	80	−5	3·8	+0·2	4·3	0	0	26	1	18	7	0	0	0	0	0	2
	1730	,,	1010·3	1009·5	..	80·1	74·1	71·7	26·1	74	..	4·5	..	9·3	0	8	18	4	0	1	0	0	1	5	15	2
comalee	0830	24	1014·7	1013·8	+1·5	78·7	73·7	70·8	26·1	78	−3	4·5	+1·1	6·6	0	3	20	3	16	2	1	0	0	1	0	5
	1730	,,	1011·8	1010·9	..	79·9	74·6	70·7	26·9	75	..	4·4	..	10·4	0	7	19	11	12	2	1	0	0	0	0	2
coloa	0830	20	1014·3	1014·0	..	76·9	73·6	72·1	27·7	85	..	4·2	..	7·9	0	8	17	1	8	2	1	1	0	6	6	3
	1730	,,	1011·4	1011·1	..	80·0	75·0	72·7	27·4	78	..	4·5	..	10·2	0	5	23	1	23	3	0	0	1	0	0	0
pantota	0830	50	1013·6	1011·9	+1·7	77·9	72·9	70·0	25·4	78	−6	3·0	+0·2	14·6	0	17	11	8	19	1	0	0	0	0	0	0
	1730	,,	1010·4	1008·7	..	81·5	75·6	72·8	27·6	75	..	4·5	..	21·2	0	26	2	0	16	11	0	1	0	0	0	0
ar	0830	12	1014·8	1014·4	..	77·9	74·2	72·5	26·6	83	..	2·6	..	5·9	0	0	28	1	15	10	2	0	0	0	0	0
	1730	,,	1011·0	1010·6	..	83·2	75·5	71·0	27·2	68	..	3·3	..	9·6	0	6	22	7	18	3	0	0	0	0	0	0
METEOROLOGICAL RVATORIES																										
dar Catchment																										
o	0530	784	1015·3	987·1	..	56·3	53·9	51·7	13·1	85	..	2·4	..	2·3	0	0	26	1	0	0	0	0	0	4	21	2
	0830	,,	1017·1	989·1	..	61·7	56·8	52·7	13·5	73	..	1·6	..	1·3	0	0	17	1	1	0	0	0	4	2	9	11
	1130	,,	1015·3	988·4	..	79·7	63·0	49·4	12·1	37	..	1·0	..	3·0	0	0	25	2	0	1	1	4	9	3	5	3
	1730	,,	1011·8	984·9	..	80·2	62·2	46 3	11·0	33	..	2·5	..	3·9	0	0	26	6	1	1	6	0	1	1	10	2
	2330	,,	1015·4	987·5	..	61·6	57·0	53·3	13·8	75	..	1·6	..	2·4	0	0	27	3	0	0	0	0	0	4	20	1
ibagh	0530	2,019	900·2	944·5	..	56·8	51·8	47·3	11·1	72	..	0·9	..	0·6	0	0	5	0	0	0	0	0	0	4	1	23
	0830	,,	903·0	946·4	..	67·5	56·8	47·7	11·5	51	..	1·1	..	3·2	0	0	26	1	2	3	2	0	4	9	5	2
	1130	,,	903·3	545·5	..	76·2	59·2	46·1	10·1	36	..	0·8	..	5·1	0	0	27	4	0	2	1	0	2	10	8	1
	1730	,,	900·8	943·4	..	74·7	58·8	45·4	10·5	37	..	1·6	..	4·4	0	0	26	7	0	0	1	1	0	4	13	2
	2330	,,	901.4	945·3	..	60·9	53·9	47·7	11·1	64	..	0·5	..	1·1	0	0	12	0	0	1	1	1	2	6	1	16
. . . . .	0830	,,	..	..	..	69·4	58·4	48·3	11·7	49	..	..	..	2·9	0	0	24	0	1	2	2	1	8	10	0	4
	1730	,,	..	..	..	76·3	59·8	44·3	10·1	34	..	..	..	2·9	0	0	24	2	2	0	1	0	0	1	18	4
arh	0830	,,	..	..	..	64·6	58·2	53·2	13·7	69	..	..	..	1·5	0	0	21	0	0	2	0	3	7	8	1	7
	1730	,,	..	..	..	77·5	62·3	49·2	12·3	39	..	..	..	0·7	0	0	9	3	0	1	0	0	0	0	5	19
bad	0530	839	1014·3	984·6	..	61·7	56·9	52·8	13·6	73	..	1·3	..	2·7	0	0	25	5	1	1	0	0	3	11	4	3
	0830	,,	1016·2	986·8	..	69·4	59·6	51·3	13·0	55	..	1·1	..	4·5	0	1	25	3	2	1	0	3	6	10	1	2
	1130	,,	1015·0	986·2	..	80·2	63·1	48·8	12·0	36	..	0·7	..	4·9	0	1	23	4	2	2	0	3	6	6	1	4
	1730	,,	1011·7	983·0	..	80·3	63·5	49·7	12·4	37	..	1·5	..	3·0	0	0	22	3	2	1	2	2	3	3	6	
	2330	,,	1014·6	985·1	..	68·3	59·0	50·7	12·9	56	..	0·4	..	3·9	0	0	27	6	7	1	1	1	5	3	3	1

*Data not reliable. (R) Register not received.

TABLE III—SUMMARY OF OBSERVATIONS AT FIXED HOURS—FEBRUARY 1953.

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, miles per hour.	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	Cal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	2
HYDROMETEOROLOGICAL OBSERVATORIES—*contd.*																										
Mahanadi Catchment																										
Baramul	0830	210	1016·8	1009·3	..	73·7	66·0	61·1	18·4	65	..	..	..	2·2	0	0	26	1	4	10	3	4	3	0	1	
	1730	,,	1012·6	1005·3	..	74·3	66·1	60·8	18·2	64	..	..	..	0·1	0	0	2	0	0	0	0	0	0	2	0	2
Hirakud	0830	522	1019·8	1001·4	..	71·6	63·2	57·0	16·0	62	..	..	..	0·1	0	0	2	0	2	0	0	0	0	0	0	2
	1730	,,	1015·3	997·5	..	86·1	67·8	55·1	15·0	36	..	..	..	0·1	0	0	0	0	0	0	0	0	0	0	0	2
Barkachhar	0830	..	..	..	..	69·0	61·1	55·0	14·9	62	..	4·0	..	2·6	0	0	19	4	1	0	0	1	9	2	2	
	1730	..	..	..	..	85·3	65·2	49·1	12·2	30	..	3·9	..	2·1	0	0	20	6	3	1	1	0	0	3	6	
Sonepur	0830	..	..	..	..	71·8	66·5	63·4	19·7	75	..	..	..	1·7	0	0	15	2	1	5	3	0	2	0	2	1
Ginabahar	0830	..	..	..	..	68·8	58·9	50·8	12·6	52	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Jonk	0830	..	..	..	..	71·1	62·7	56·4	15·7	61	..	1·5	..	2·8	0	0	24	0	10	2	2	2	3	2	3	
	1730	..	..	..	..	85·3	66·1	51·8	13·4	33	..	2·0	...	0·9	0	0	12	1	1	1	0	0	1	5	3	1
Ganga Catchment																										
Tapoban*	0830																									
Badrinath	0830									Closed during winter months																
Narbada Catchment																										
Punasa	0830	..	..	..	..	70·0	56·0	41·5	9·1	37	..	1·1	..	1·7	0	0	16	1	9	4	1	0	1	0	0	1
	1730	..	..	..	..	92·4	66·6	45·9	10·6	21	..	2·0	..	1·9	0	0	16	0	3	1	0	0	7	3	2	1
Bagra Tawa	0830	..	..	..	..	68·4	56·3	44·6	10·0	43	..	0·9	..	3·1	0	0	23	..	..	..	..	..	..	..	..	
	1730	..	..	..	..	88·4	64·6	45·1	10·0	24	..	2·4	..	2·0	0	0	17	..	..	..	..	..	..	..	.	
Thikri	0830	..	..	..	..	69·5	57·0	40·1	10·3	34	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Tapti Catchment																										
Nandurbar	0830	..	..	..	..	74·9	60·5	46·9	11·5	40	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Sabarmati Catchment																										
Jhadol	0830	..	..	..	..	59·1	51.4	43·2	9·9	57	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Dharoi	0830	..	..	..	..	64·9	55·0	44·9	10·4	51	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	

*Data not available.

RADIOSONDE DATA
MEAN DYNAMIC HEIGHT, TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACES
(From Ascents at 15 hrs. G. M. T.)
FEBRUARY 1953

	ALLAHABAD (Sur. Pr. 1003 mb.)						CALCUTTA (1014 mb.)						JODHPUR (990 mb.)					
	No. of Obs.	Ht. Gpm.	Temperature °A.				No. of Obs.	Ht. Gpm.	Temperature °A.				No. of Obs.	Ht. Gpm.	Temperature °A.			
			Mean	Max.	Min.	Dew Point			Mean	Max.	Min.	Dew Point			Mean	Max.	Min.	Dew Point
Surface	28	096	294·4	298	289	288·3	28	5	294·3	299	287	289·0	28	218	297·0	301	293	278·1
1000	28	125	..	..	..	..	28	124	..	..	..	..	28	128	..	..	..	..
900	28	1042	292·6	296	287	279·8	28	1041	293·4	300	288	279·3	28	1046	293·4	301	288	272·0
850	28	1530	288·9	294	282	277·4	28	1532	289·1	296	284	276·8	28	1534	289·2	296	284	268·8
800	28	2043	285·6	292	279	274·5	28	2042	285·2	292	279	273·7	28	2046	284·7	292	279	268·1
700	28	3149	278·3	285	270	268·7	28	3147	278·7	285	273	263·8	28	3148	277·8	287	271	260·1
600	28	4390	270·0	279	261	261·0	27	4391	271·9	277	264	..	28	4386	269·9	279	265	257·8
500	28	5808	261·1	268	257	..	27	5817	262·9	268	254	..	28	5802	259·9	267	256	..
400	28	7475	248·3	256	244	..	27	7592	250·5	257	243	..	28	7465	248·0	253	244	..
300	27	9504	233·1	239	226	..	26	9542	237·2	244	229	..	26	9491	233·1	241	225	..
250	23	10731	226·1	232	217	..	23	10789	229·9	237	221	..	24	10715	225·3	234	218	..
200	18	12197	219·2	228	211	..	22	12258	221·6	233	216	..	23	12160	218·0	225	208	..
175	12	13031	216·2	223	208	..	15	13111	218·8	228	209	..	15	13035	213·9	222	203	..
150	9	13963	212·2	217	208	..	9	14127	213·7	225	208	..	12	13994	212·1	222	198	..
125	5	15064	207·6	213	204	..	..	..	..	..	..	..	10	15096	208·7	222	193	..
100	..	..	..	..	..	..	..	..	..	..	..	..	10	16459	204·8	217	192	..
80																		

	MADRAS (1013 mb.)						NAGPUR (978 mb.)						NEW DELHI (991 mb.)					
Surface	28	15	298·6	300	297	293·9	23	307	299·7	305	293	282·7	28	206	291·0	297	286	284·6
1000	28	127	..	..	..	..	23	112	..	..	..	..	28	130	..	..	..	..
900	28	1045	293·5	297	289	280·2	23	1038	296·5	303	291	280·9	28	1039	291·1	299	284	272·5
850	28	1536	291·2	296	287	274·1	23	1532	292·3	299	287	279·0	28	1531	289·6	295	281	272·5
800	28	2051	288·0	292	283	270·9	23	2051	287·7	294	283	277·7	28	2033	284·3	292	277	269 7
700	28	3171	282·5	286	280	264·5	23	3165	278·3	284	273	271·2	28	3132	277·0	293	269	263·6
600	28	4435	275·4	278	271	258·6	23	4402	271·9	277	266	258·2	28	4367	268·1	277	261	..
500	28	5886	266·6	270	263	..	20	5832	263·6	269	259	..	28	5776	258·3	267	252	..
400	28	7595	255·0	260	252	..	15	7503	250·9	256	247	..	28	7432	248·2	263	239	..
300	26	9685	240·7	244	237	..	7	9519	237·1	241	235	..	26	9414	233·3	250	226	..
250	20	10955	232·1	236	225	..							23	10668	225·8	234	218	..
200	11	12441	220·0	224	217	..							21	12117	219·1	225	210	..
175	7	13275	213·1	216	210	..							12	12984	216·3	221	209	..
150	5	14239	206·4	209	201	..												
125																		
100																		
80																		

RADIOSONDE DATA
MEAN DYNAMIC HEIGHT, TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACES
(From Ascents at 15 hrs. G. M. T.)
FEBRUARY 1953

	POONA (Sur. Pr. 950 mb.)						PORT BLAIR (1005 mb.)						TRIVANDRUM (1005 mb.)					
	No. of Obs.	Ht. Gpm.	Temperature °A.				No. of Obs.	Ht. Gpm.	Temperature °A				No. of Obs.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point			Mean	Max.	Min.	Dew Point			Mean	Max.	Min.	Dew Point
Surface	28	557	299·8	304	293	284·3	28	81	298·7	300	297	294·2	28	63	299·7	301	297	294·3
1000	28	108	..	..	..	..	26	121	..	..	..	..	28	112	..	..	..	..
900	28	1035	297·7	304	293	280·4	26	1041	293·7	296	291	286·5	28	1035	293·8	297	291	287·4
850	28	1532	294·7	301	290	277·1	26	1533	291·9	293	289	283·8	28	1527	290·9	294	288	284·1
800	28	2054	290·6	297	285	274·6	26	2051	288·3	290	285	279·5	28	2046	288·0	291	286	279·7
700	28	3175	281·6	285	278	270·0	25	3172	283·1	285	281	270·8	28	3167	282·6	286	280	268·9
600	28	4431	274·0	277	271	250·0	25	4437	276·0	280	273	259·5	28	4405	275·7	278	272	265·6
500	27	5874	265·4	268	261	..	20	5888	267·3	272	263	..	28	5886	267·3	270	265	..
400	27	7572	253·7	256	249	..	18	7603	257·3	263	252	..	26	7623	256·6	260	253	..
300	23	9646	238·6	242	235	..	14	9713	243·1	246	240	..	23	9703	242·1	246	238	..
250	17	10896	229·2	233	225	..	12	10987	233·1	237	229	..	22	10973	232·4	236	227	..
200	15	12366	219·4	223	213	..	9	12466	221·7	224	219	..	19	12466	222·5	227	219	..
175	12	13206	214·3	217	205	..	5	13334	216·0	218	215	..	14	13315	216·6	223	213	..
150	11	14190	210·1	215	203	..	5	14297	209·4	211	208	..	14	14282	210·5	219	207	..
125	..	..	..	..	..	..							8	15395	205·4	210	202	..
100													6	16772	199·7	203	198	..
80																		

	VERAVAL (1013 mb.)						VISAKHAPATNAM (1009 mb.)					
Surface	26	8	297·0	302	295	292·1	28	048	298·4	300	297	293·9
1000	26	124	..	..	..	..	26	126	..	..	..	..
900	26	1048	295·6	300	292	277·0	26	1046	293·8	298	289	282·1
850	26	1541	292·3	297	288	274·3	26	1538	291·2	297	288	279·8
800	26	2060	288·4	292	284	271·6	26	2055	287·5	293	284	277·1
700	26	3178	281·3	286	278	264·2	26	3170	280·7	284	276	269·6
600	26	4433	274·8	278	271	255·4	24	4431	274·9	281	272	261·6
500	26	5879	264·9	269	261	..	22	5880	266·4	271	262	
400	24	7574	252·1	255	249	..	19	7592	255·6	260	253	..
300	24	9636	237·3	242	229	..	10	9672	240·4	246	233	..
250	21	10877	228·4	233	222	..	5	10908	231·2	239	226	..
200	16	12340	219·9	224	213	..						
175	14	13189	215·9	221	211	..						
150	12	14159	211·2	216	207	..						
125	6	15256	206·7	212	202	..						
100	5	16592	203·0	208	199	..						
80												

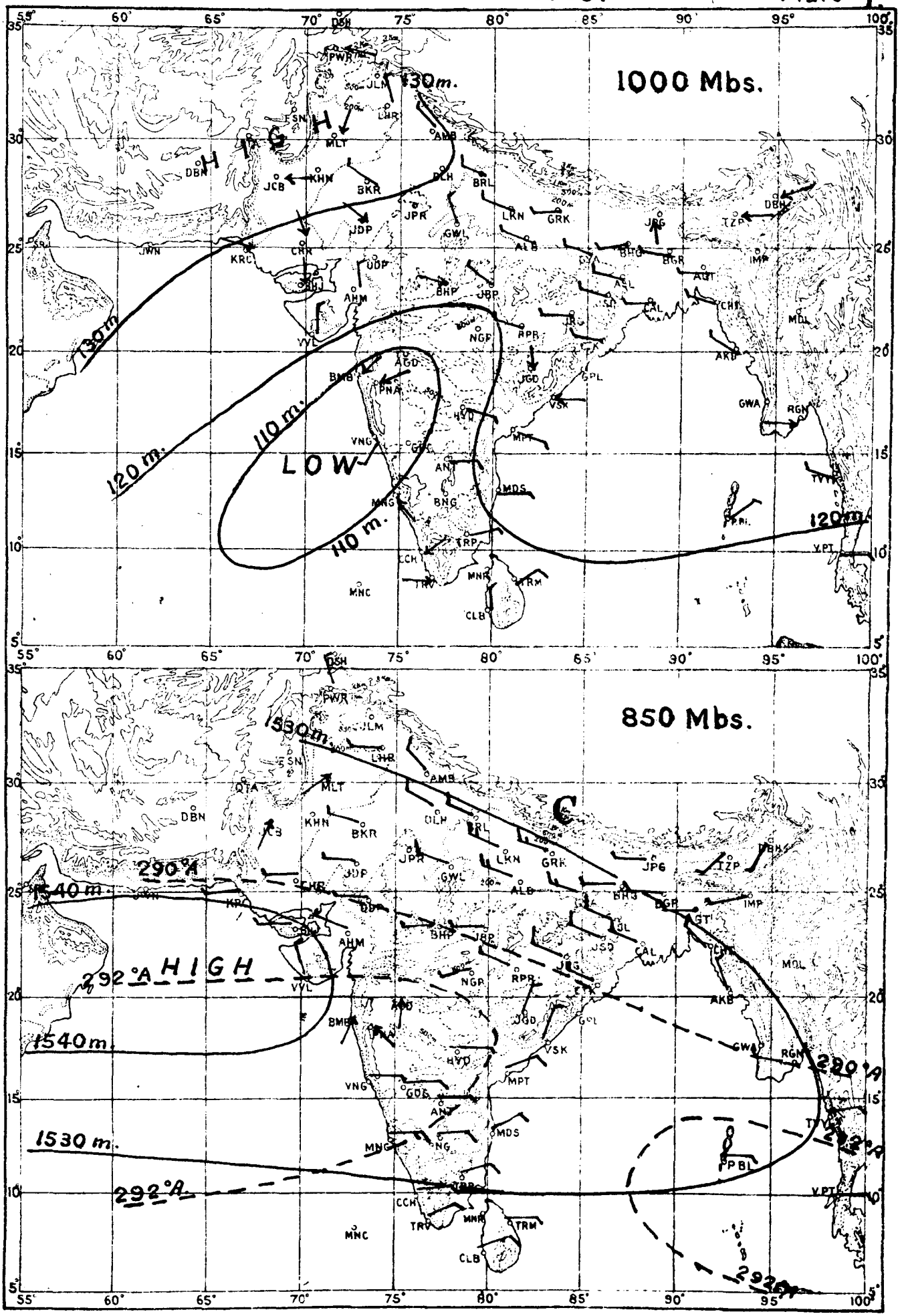
NOTE:—Number of observations refer to those of dynamic height.
Means are not worked out for temperature and dew point for the 1000 mb. surface and for dew point for standard pressure surfaces with temperatures less than 275°A. Means are not worked out for less than five observations at standard pressure surfaces.

GIPN—S1—107DDG Obs. Poona—18-6-54—260.

MONTHLY MEAN CONSTANT PRESSURE CHARTS.

FEBRUARY 1953.

Plate I.



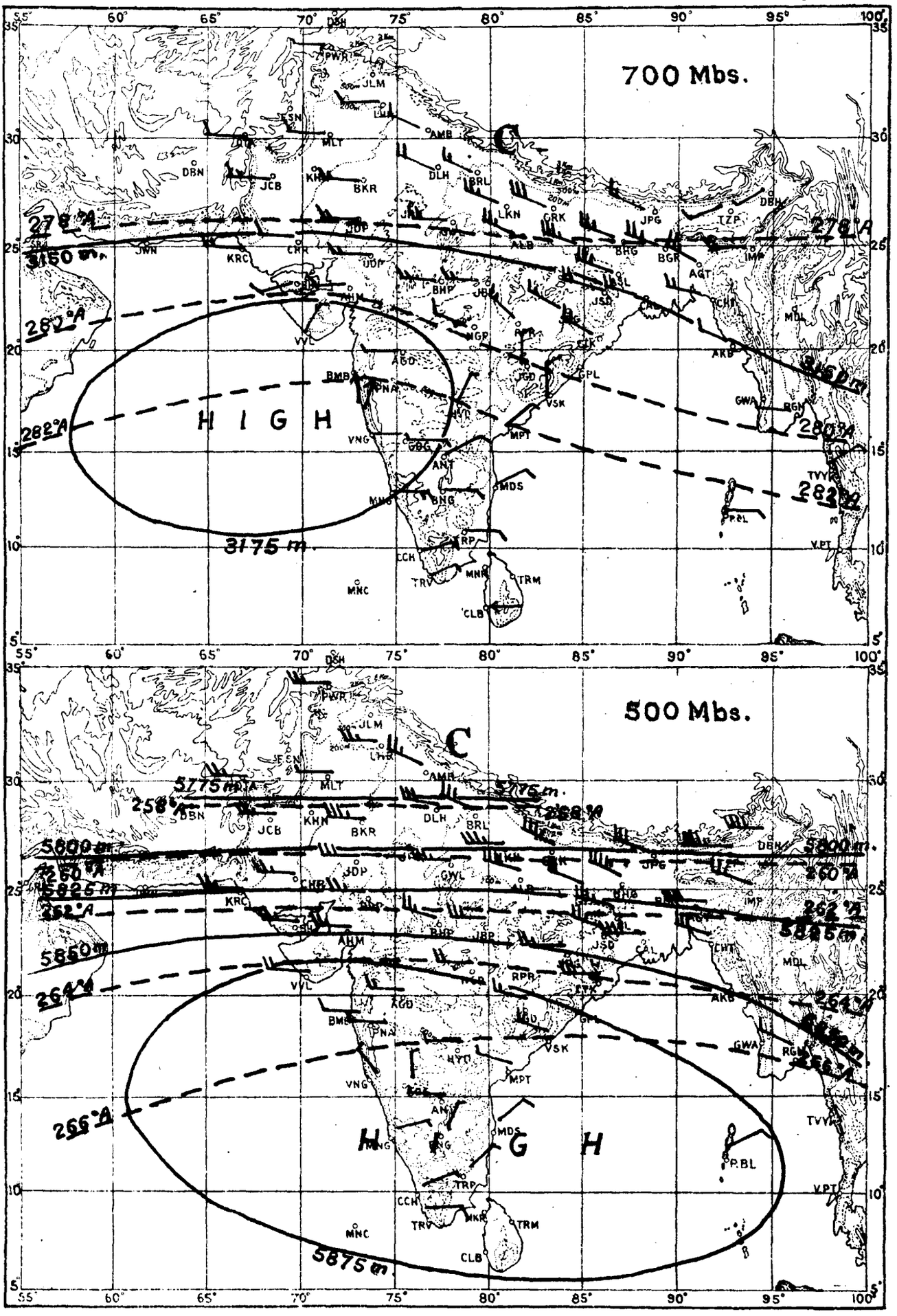
RESULTANT WIND ——\= 5 Knots, ——\= 10 Knots, ——\= 50 Knots.

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

MONTHLY MEAN CONSTANT PRESSURE CHARTS.

FEBRUARY 1953.

Plate II.



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

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

Registered No. B-3097

INDIA WEATHER REVIEW, 1953

Monthly Weather Report

March

Published by authority of the Government of India

The chief features of the Month were: (i) six western disturbances, (ii) a large excess of rainfall in Assam, and (iii) a cold spell over northwest India and adjoining areas towards the end of the month.

Six western disturbances moved across northwest India during the month. Except for the first one, all of them caused local or fairly widespread thundershowers in the Punjab-Kumaon hills and adjoining areas. The details regarding the movement and activity of each of the western disturbances are given in the following table :

TABLE

S. No.	Period	Course	Regions affected	Nature of precipitation and date	Remarks
1.	1st–4th	West Rajasthan to Chota Nagpur.	Gangetic West Bengal, south Bihar.	A few thundershowers on the 4th.	
2.	7th–9th	Across north country.	Jammu and Kashmir	A few thundershowers on the 8th and 9th.	
			Jammu and Kashmir	Isolated snowfalls on the 10th.	
			Punjab-Kumaon hills	Fairly widespread thundershowers on the 9th.	
			Plains of the northwest Uttar Pradesh.	A few thundershowers on the 9th.	
3.	11th–13th	Punjab (P)–north Rajasthan–Punjab-hills.	Punjab hills ...	Fairly widespread rain or thundershowers on the 11th, 12th, 13th with hail on the 13th.	
			Kumaon hills ...	Fairly widespread rain or thundershowers on the 12th.	
			Jammu and Kashmir	A few thundershowers on the 12th and 13th.	
4.	14th–16th	Baluchistan-Punjab (P)–Punjab-Kumaon hills	Hills of the Punjab (I) Kumaon hills.	A few light showers on the 16th. Local light thundershowers on the 17th.	
			Jammu and Kashmir	A few showers on the 15th and 16th and snowfalls at a few places on the 17th & 18th.	
5.	22nd–25th	Baluchistan–extreme north of the country.	Hills of the Punjab (I) Jammu and Kashmir.	Local thundershowers on the 25th. A few showers or snowfalls on the 24th and 25th.	
			Jammu and Kashmir.	A few thundershowers on the 26th.	

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S. No.	Period	Course	Regions affected	Nature of precipitation and date	Remarks
6.	25th–27th	North Baluchistan–extreme north of the country.	In and near Kumaon hills.	Fairly widespread thundershowers on the 26th.	
			Punjab hills.	Local thundershowers on the 26th.	
			Punjab hills.	Fairly widespread thundershowers on the 27th.	
			Kumaon hills.	Local thundershowers on the 27th.	
			Plains of northwest Uttar Pradesh.	A few thundershowers on the 27th.	
			Plains of the Punjab(I), north Rajasthan.	Scattered duststorms on the 27th.	
			Jammu and Kashmir	A few thundershowers on the 27th and 28th.	

In the rear of the 6th western disturbance, which moved from north Baluchistan to the extreme north of the country between the 25th and 27th, there was a surge of cold northerly air which brought down day and night temperatures by 15°–20° F in northwest India. An appreciable fall in day and night temperatures was also recorded in Gujarat, Madhya Bharat, west Madhya Pradesh, Deccan (Desh) and west Hyderabad between the 27th and 29th.

There was fairly well-marked thunderstorm activity in Assam throughout the month, the noteworthy periods being 2nd–4th, 8th–10th, 13th–14th, 19th to 22nd and 26th–29th. Local thundershowers also occurred in north Bihar on 14th. According to newspaper reports, the thunderstorms in Assam and Bihar on the 13th and 14th were accompanied by severe gales which took a toll of nearly 35 lives, injured about 700 people and caused considerable damage to property. Some of these storms were also accompanied by hail, and the hailstorm at Darbhanga on the 14th was reported to have been the severest in the last 15 years.

The weather was unusually warm over most of the country, outside Assam, West Bengal and the south Peninsula except towards the end of the month when there was a surge of cold northerly air as mentioned above.

Total rainfall for the month was in large excess in Assam. It was normal in Travancore-Cochin; in moderate defect in Bihar and in large defect in West Bengal, Orissa, Uttar Pradesh, Tamilnad and Malabar-south Kanara. Weather was dry elsewhere over the country. Averaged over the plains of India, rainfall was 35% in defect.

The mean maximum temperature was below normal in Assam ; normal in coastal Andhradesa, Tamilnad, Malabar-south Kanara, Mysore and Travancore-Cochin and above normal elsewhere. The mean minimum temperature was above normal over the country outside coastal Andhradesa, Rayalaseema, Mysore and Travancore-Cochin where it was normal.

The mean relative humidity in the morning was above normal in Assam, West Bengal, Bihar, Saurashtra and Kutch and Mysore ; normal in the Bay Islands, Orissa, east Uttar Pradesh, Gujarat, the Konkan, Deccan (Desh), coastal Andhradesa, Tamilnad, Malabar-south Kanara and Travancore–Cochin and below normal elsewhere.

The mean cloud amount in the morning was above normal in the Bay Islands, Assam, West Bengal, Malabar-south Kanara and Travancore-Cochin ; normal in Saurashtra and Kutch, the Konkan, coastal Andhradesa, Tamilnad and below 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 0830 hrs. IST. of the date given in the succeeding column.

POONA-5:
Dated the 8th September 1953.

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

TABLE I—DIVISIONAL AND SUB-DIVISIONAL MEANS—MARCH 1953.

	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								
Assam (including Manipur & Tripura).	7·13	235	82·5	66·0	81	72	4·5	3·7
	+4·10	..	−2·0	+4·1	+10	..	+1·8	..
West Bengal .	0·53	42	94·3	72·4	74	48	2·7	1·2
	−0·72	..	+3·1	+5·9	+11	..	+0·6	..
Orissa . .	0·01	1	95·5	73·5	73	56	1·6	1·2
	−0·97	..	+2·9	+2·8	+5	..	−0·4	..
Bihar . . .	0·15	24	96·0	67·7	50	31	0·8	0·6
	−0·48	..	+5·5	+5·3	+1	..	−0·7	..
Uttar Pradesh .	0·08	20	95·4	65·5	45	23	0·8	1·2
	−0·32	..	+7·1	+6·5	−5	..	−0·8	..
Punjab (I)(Including PEPSU & Delhi).	0	0	93·7	62·1	45	23	1·4	1·7
	−0·74	..	+8·6	+5·4	−10	..	−0·6	..
Rajasthan . .	0	0	96·3	64·9	33	15	0·8	1·0
	−0·22	..	+7·2	+4·7	−9	..	−0·8	..
Sub-Division								
Bay Islands .	0	0	89·8	74·8	68	75	4·2	3·6
	−1·12	..	+2·3	+3·3	−4	..	+1·3	..
Assam (Ineluding Manipur & Tripura).	7·13	235	82·5	66·0	81	72	4·5	3·7
	+4·10	..	−2·0	+4·1	+10	..	+1·8	..
West Bengal .	0·53	42	94·3	72·4	74	48	2·7	1·2
	−0·72	..	+3·1	+5·9	+11	..	+0·6	..
Orissa. . .	0·01	1	95·5	73·5	73	56	1·6	1·2
	−0·97	..	+2·9	+2·8	+5	..	−0·4	..
Chota Nagpur .	0	0	98·4	67·7	40	21	0·7	0·7
	−0·88	..	+7·6	+4·3	−7	..	−0·9	..
Bihar . . .	0·26	58	93·6	67·7	59	39	0·9	0·5
	−0·19	..	+3·5	+6·4	+10	..	−0·6	..
Uttar Pradesh, East.	0·10	25	96·7	67·3	47	26	0·3	0·7
	−0·30	..	+6·4	+6·9	−2	..	−1·0	..
Uttar Pradesh, West.	0·06	15	94·3	63·9	43	21	1·2	1·8
	−0·34	..	+7·7	+6·2	−8	..	−0·6	..
Punjab (I) (including PEPSU and Delhi).	0	0	93·7	62·1	45	23	1·4	1·7
	−0·74	..	+8·6	+5·4	−10	..	−0·6	..
Jammu & Kashmir.		(Data	incom	plete)				
Rajasthan, West .	0	0	96·8	64·9	37	20	0·9	1·0
	−0·25	..	+8·5	+5·9	−11	..	−1·0	..
Rajasthan, East (including Ajmer)	0	0	96·0	64·9	29	11	0·7	1·1
	−0·20	..	+6·2	+3·8	−8	..	−0·7	..
Madhya Bharat .	0	0	97·8	64·9	26	12	0·6	1·2
	−0·25	..	+6·2	+4·8	−8	..	−0·5	..
Vindhya Pradesh	0	0	98·8	63·2	34	15	0·2	0·7
	−0·48	..	+8·0	+3·1	−6	..	−1·5	..
Division—*contd.*								
8. Madhya Bharat & Vindhya Pradesh.	0	0	98·2	64·3	29	13	0·5	1·0
	−0·34	..	+6·9	+4·2	−7	..	−0·9	..
9. Madhya Pradesh .	0	0	101·0	68·8	30	16	0·2	0·6
	−0·57	..	+6·6	+3·7	−9	..	−1·0	..
10. Bombay (including Saurashtra & Kutch).	0	0	97·7	69·9	58	33	0·3	1·1
	−0·10	..	+4·5	+3·8	+2	..	−0·3	..
11. Hyderabad . .	0	0	101·6	72·8	39	17	0·5	0·7
	−0·34	..	+4·5	+2·7	−7	..	−0·8	..
12. Madras (including Travancore-Cochin).	0·19	35	94·8	75·8	69	51	2·1	1·8
	−0·36	..	+1·4	+2·2	−2	..	−0·1	..
13. Mysore . .	0	0	92·8	67·2	73	23	1·1	1·5
	−0·54	..	+1·2	+1·5	+8	..	−0·5	..
Mean of India .	0·37	65	96·5	68·9	51	32	1·1	1·2
	−0·20	..	+4·9	+4·0	−3	..	−0·5	..
Sub-Division—*contd.*								
15. Madhya Pradesh, East.	0	0	100·2	69·5	35	16	0·2	0·5
	−0·79	..	+6·4	+4·0	−12	..	−1·2	..
16. Madhya Pradesh, West.	0	0	101·5	68·3	27	16	0·3	0·6
	−0·43	..	+6·7	+3·6	−7	..	−0·9	..
17. Gujarat . .	0	0	101·3	68·7	49	23	0·5	0·6
	−0·03	..	+5·5	+4·9	0	..	−0·6	..
18. Saurashtra and Kutch.	0	0	95·4	68·6	70	43	1·2	0·8
	−0·09	..	+3·9	+3·5	+8	..	−0·1	..
19. Konkan . .	0	0	90·1	74·1	75	69	1·4	1·5
	−0·04	..	+3·9	+3·7	+4	..	−0·1	..
20. Deccan (Desh) .	0	0	101·5	69·3	42	20	0·5	1·3
	−0·17	..	+4·8	+3·5	−3	..	−0·5	..
21. Hyderabad, North.	0	0	101·2	72·2	30	15	0·3	0·8
	−0·32	..	+4·8	+3·0	−9	..	−1·0	..
22. Hyderabad, South	0	0	101·8	73·5	45	19	0·6	0·7
	−0·36	..	+4·3	+2·5	−7	..	−0·7	..
23. Coastal Andhradesa	0	0	94·9	75·1	74	59	2·3	1·3
	−0·35	..	+1·6	+1·8	+1	..	−0·1	..
24. Rayalaseema .	0	0	102·6	74·9	43	21	0·2	0·6
	−0·19	..	+2·4	+1·9	−8	..	−0·9	..
25. Tamilnad . .	0·08	14	94·0	75·3	72	47	2·1	1·6
	−0·51	..	+1·1	+2·6	−3	..	−0·4	..
26. Malabar and South Kanara.	0·11	25	91·1	78·3	74	69	2·5	2·1
	−0·33	..	+1·3	+2·4	−1	..	+0·5	..
27. Mysore . .	0	0	92·8	67·2	73	23	1·1	1·5
	−0·54	..	+1·2	+1·5	+8	..	−0·5	..
28. Travancore-Cochin	1·73	97	90·0	78·5	77	70	3·7	5·4
	−0·05	..	+0·9	+1·7	+1	..	+1·6	..

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 wi								
	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
Bay Islands																											
Table Island	85·7	...	89	30	77·0	...	74	17	0	0	...	0	...	0	...	8·5	8·1	...	0	0	0	0	0	0	0	0	0
Maya Bandar	87·7	...	91	4 days	73·1	...	69	19	0	0·37	...	0·37	10	1	...	7·8	4·7	...	1	0	0	0	0	0	0	0	0
Long Island	89·5	...	93	29,30	75·0	...	72	24	0	0·02	...	0·02	9	0	...	2·8	1·6	...	1	0	0	1	0	0	0	0	0
Port Blair	89·8	+2·3	92	4 days	74·8	+3·3	71	27	0	0	—1·12	0	...	0	—2·1	7·4	4·5	—1·4	0	0	0	2	0	0	0	0	0
Kondul	85·5	...	87	5 days	83·5	...	78	4	0·82	2·04	...	0·69	4	4	...	5·8	3·8	...	6	0	0	2	0	0	0	0	0
Car Nicobar	87·9	...	91	30	72·6	...	66	26	1·90	3·65	...	2·10	16	3	...	4·5	2·5	...	3	0	0	0	0	0	0	0	0
Nancowry	91·5	...	94	25	77·2	...	74	15	2·04	3·73	...	0·72	15	9	...	2·1	0·9	...	10	0	0	7	1	0	0	0	0
Assam																											
Mawsynram	...	...	...	...	...	...	...	...	...	20·40	...	3·35	20	17	...	...	...	...	...	...	...	...	...	...	...	...	...
Dibrugarh	78·5	—0·4	86	17	64·3	+3·5	60	23	1·66	8·92	+4·86	1·13	4,24	11	+2·5	1·3	0·8	—0·6	18	0	0	8	0	0	0	0	0
Dibrugarh (Mohanbari Aerodrome).	78·3	...	87	25	62·9	...	55	5,6	1·83	12·78	...	1·99	31	15	...	4·2	2·8	...	18	0	0	11	1	0	0	0	0
Sibsagar (R)	...																										
Tezpur	81·5	—2·0	90	21,31	66·1	+3·8	62	5	1·30	6·42	+4·50	0·95	26	9	+4·5	1·2	1·0	—2·3	12	0	0	7	0	0	0	0	0
Tezpur (P B.O.)	78·7	...	87	31	65·5	...	61	6,15	1·46	7·52	...	1·25	4,26	9	...	4·2	3·5	...	14	0	1	14	0	0	0	0	0
Gauhati	81·9	—4·0	91	21	64·3	+4·1	61	5,14,15	0·55	5·66	+3·67	0·98	21	9	+5·2	4·2	2·7	+0·8	17	0	0	1	0	0	0	0	0
Gauhati (Kaikuchi Aerodrome).	81·9	...	92	31	65·3	...	61	5,6,15	1·14	6·92	...	1·22	9	13	...	...	...	...	17	0	2	20	3	0	0	2	0
Dhubri	81·0	—5·0	91	31	68·1	+4·9	61	14	0·79	7·58	+5·92	3·10	25	10	+7·5	6·1	5·5	+1·0	21	0	0	8	0	0	0	0	0
Silchar	84·9	—1·6	91	25	67·0	+4·0	61	4	1·06	12·42	+5·66	2·54	28	15	+6·9	1·9	1·4	—0·5	19	0	0	15	0	0	0	0	0
Tura	83·7	...	91	31	67·6	...	57	9	1·34	8·11	...	1·73	9	7	...	6·2	6·0	...	9	0	0	0	0	0	0	0	0
Lumding	87·0	+0·8	96	31	...	...	...	...	...	1·80	0	0·56	14	7	...	4·1	3·2	—1·1	10	0	0	0	0	0	0	0	0
Agartala	89·7	...	95	31	69.5	...	61	6	0·22	3·43	...	1·23	11	7	...	...	...	...	9	0	0	7	1	0	0	1	1
Imphal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	1	4	0	0	0	0	0
West Bengal																											
Dum Dum	94·7	...	105	27	74·8	...	69	5,15	0	0	...	0	...	0	...	11·5	10·2	...	0	0	0	1	3	0	0	0	0
Calcutta	95·2	+2·7	104	27	75·8	+7·0	70	15	0	0·01	—1·35	0·01	4	0	—2·3	6·2	5·4	+1·9	1	0	0	2	1	0	0	0	0
Barrackpore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	0	2	3	0	0	0	0
Saugor Island	85·8	—0·8	95	15	78·7	+4·5	73	5	0	0	—1·29	0	...	0	—1·8	18·0	17·8	+8·2	0	0	0	0	0	0	0	0	0
Sandheads	...	...	...	...	...	...	...	...	0	0	—0·82	0	...	0	—1·0	...	...	...	0	0	0	0	0	0	0	0	0
Midnapore	100·1	+5·0	109	28	73·5	+4·1	68	15	0	0·02	—1·39	0·02	4	0	—2·4	5·6	5·1	+2·5	1	0	0	0	3	0	0	0	0
Contai	89·5	...	99	15	77·2	...	71	15	0	0	...	0	...	0	...	13·3	10·6	...	0	0	0	0	0	0	0	0	0
Bankura	...	...	...	...	...	...	...	...	...	0	—1·09	0	...	0	—1·9	...	...	...	...	...	...	...	...	...	...	...	...
Burdwan	98·0	+4·7	105	4 days	73·4	+5·9	67	15	0	0·25	—1·31	0·20	13	1	—1·3	4·9	3·7	+1·5	3	0	0	0	0	0	0	0	0
Krishnagar	98·6	+5·9	107	28	71·5	+5·8	63	15	0	1·23	—0·29	1·03	10	2	—0·1	11·9	5·6	+2·7	2	0	0	3	0	0	0	0	0
Asansol	98·9	+5·1	106	4 days	72·0	+6·1	65	15,22	0	0	—0·82	0	...	0	—1·8	5·9	4·2	0	0	0	0	1	0	0	0	0	0
Berhampore	96·7	+4·6	105	29	70·9	+5·6	62	15	0	0·27	—0·77	0·26	14	1	—0·9	3·7	2·7	+0·5	2	0	0	0	3	2	0	0	0
Malda	92·3	+2·2	103	31	69·3	+7·7	63	10,15	0	0·03	—0·74	0·03	4	0	—1·3	5·2	4·3	+0·6	1	0	0	5	0	0	0	0	0
Cooch-Behar	83·5	...	91	30	65·8	...	59	14	0	0·34	—1·30	0·10	8,21	2	—0·5	...	...	...	4	0	0	0	0	0	0	0	0
Jalpaiguri	83·4	—1·8	96	30	66·8	+6·5	62	9	0·26	3·65	+2·38	1·30	4	7	+4·7	8·4	5·6	+3·8	10	0	1	7	0	0	0	0	0
Bagdogra	85·7	...	97	31	65·3	...	57	14	0·65	2·65	...	0·88	14	6	...	6·3	3·7	...	9	0	1	10	0	0	0	1	0
Orissa																											
Balasore	(g) 96·2	+3·5	...	...	(g) 74·5	+5·1	...	...	0	0·04	—1·80	0·04	13	0	—2·9	...	(h) 8·4	+4·5	1	0	0	(f) 2	(f) 1	0	0	0	0
Chandbali	96·1	+2·5	104	18	74·8	+4·1	71	17	0	0	—1·29	0	...	0	—2·1	11·0	9·4	+3·4	0	0	0	0	0	0	0	0	0
Puri	85·4	—0·9	88	30	78·9	+3·3	77	22	0	0	—0·50	0	...	0	—0·9	16·6	17·7	+7·1	0	0	0	0	0	0	0	0	0
Bhubaneswar	96·9	...	102	17,27	75·5	...	70	16	0	0	...	0	...	0	...	18·7	16·5	...	0	0	0	1	0	0	0	0	0
Cuttack	101·1	+4·5	107	27,28,31	76·0	+4·2	71	15,17	0·01	0·01	—1·03	0·01	14	0	—1·4	6·0	5·2	+2·8	1	0	0	1	1	0	0	0	
Cuttack (P. B. O.)	...	...	...	...	...	...	...	...	0·07	0·07	...	0·07	14	0	...	4·8	3·9	...	1	0	0	2	2	0	0	0	
Gopalpur	86·0	—1·0	89	9,31	74·9	+2·1	71	3,23	0	0·02	—0·61	0·02	14	0	—1·1	15·5	13·7	+3·9	1	0	0	0	0	0	0	0	
Koraput	92·6	...	97	29	66·3	...	61	1	0	0	...	0	...	0	...	...	...	...	0	0	0	0	0	0	0	0	
Angul	101·3	+5·5	108	28	70·5	+2·4	65	2,3,6	0	0	—0·73	0	...	0	—1·7	4·8	4·0	—0·1	0	0	0	1	1	0	0	0	
Sambalpur	102·2	+6·5	107	4 days	65·2	—1·6	60	2	0	0	—0·86	0	...	0	—1·7	4·3	2·5	0	0	0	0	0	0	0	0	0	
Jharsuguda	...	...	...	...	...	...	...	...	0	0	...	0	...	0	...	...	...	...	0	0	0	0	0	0	0	0	
Titilagarh	103.1	...	108	27,28	71·1	...	63	2	0	0	...	0	...	0	...	2·4	1·7	...	0	0	0	0	0	0	0	0	
Chota Nagpur																											
Purulia	(g) 99·0	...	106	28	72·8	...	67	1,7,15	0	0	...	0	...	0	...	4·8	3·5	...	0	0	0	0	0	0	0	0	
Jamshedpur	101·0	+7·0	107	19,27,28	70·6	+5·8	64	15	0	0	—0·72	0	...	0	—2·0	5·5	3·9	+1·2	0	0	0	0	0	0	0	0	
Jamshedpur (P.B.O.)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	0	0	2	0	0	0	
Chaibasa	101·9	+7·7	107	4 days	71·5	+5·7	65	1,7,15	0	0	—0·87	0	...	0	—1·7	3·6	1·9	—0·1	0	0	0	0	0	0	0	0	
Ranchi	95·9	+9·0	101	26,27,30	66·1	+2·7	59	24	0	0	—1·19	0	...	0	—2·5	4·1	3·3	—1·3	0	0	0	0	0	0	0	0	

(f) Observations for 23 days. (R) Register not received. (g) Observations for 24 days (h) Observations 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.																												
Hazaribagh	94·5	+6·8	100	26	66·2	+3·1	59	6,15,16	0	0	−0·94	0	...	0	−1·9	8·7	6·2	−0·2	0	0	0	0	0	0	0	0	0	0
Hazaribagh (C.W.)	95·3	...	101	14,26	65·1	...	59	6,15	0	0	...	0	...	0	...	3·7	1·9	...	0	0	0	0	0	0	0	0	0	0
Daltonganj	98·8	+7·6	105	26,27	64·2	+4·3	57	15	0	0	−0·67	0	...	0	−1·6	5·6	3·0	+0·2	0	0	0	0	0	0	0	0	0	0
Bihar																												
Purnea	89·5	+0·1	99	31	66·8	+7·4	61	14	0	1·06	+0·56	0·96	14	2	+0·9	5·4	3·7	+0·9	2	0	0	2	0	0	0	0	0	0
Forbesganj	...	...	...	...	...	...	...	...	0	0	...	0	...	0	...	...	...	...	0	0	0	0	0	0	0	0	0	0
Darbhanga	88·9	0	96	22	67·0	+6·5	61	14,15	0	0·19	−0·32	0·19	14	1	−0·1	4·2	2·1	−0·6	1	0	0	1	0	0	0	0	0	0
Motihari (R)																												
Muzaffarpur (R)																												
Chapra	...	...	...	...	...	...	...	...	...	0	−0·36	0	...	0	−0·9	...	...	...	...	...	...	...	...	...	...	...	...	...
Arrah (R)																												
Patna	95·8	+6·0	103	28	70·5	+6·2	65	10,14,15	0	0	−0·42	0	...	0	−1·1	5·5	4·7	+1·2	0	0	0	0	0	1	0	0	0	0
Patna (Aerodrome)	96·0	...	104	27,28	68·6	...	60	14	0	0	...	0	...	0	...	7·1	4·6	...	0	0	0	0	1	2	0	0	0	0
Dehri	98·5	...	106	27	70·8	...	64	6	0	0·45	+0·01	0·45	4	1	0	6·2	3·8	...	1	0	0	1	0	1	0	0	0	0
Gaya	99·1	+7·4	106	26,27,28	67·6	+4·5	61	6	0	0·08	−0·41	0·08	4	0	−1·2	7·3	4·8	+0·1	1	0	0	2	0	0	0	0	0	0
Jamui	97·5	...	104	28,29,30	69·8	...	64	14,15	0	0	...	0	...	0	...	6·7	4·3	...	0	0	0	0	0	0	0	0	0	0
Dumka (R)																												
Jabour	94·5	+3·9	103	30	66·5	+7·3	59	15	0	0·01	−0·41	0·01	9	0	−0·9	5·8	4·1	−1·1	1	0	0	4	0	0	0	0	0	0
Bhagalpur	95·0	...	104	30	69·8	...	64	9,10,14	0	0·07	...	0·07	9	0	...	5·2	4·6	...	1	0	1	1	0	0	0	0	0	0
U.P., East																												
Gonda	95·4	+5·4	104	27	66·1	+7·0	58	14	0	0	−0·18	0	...	0	−0·8	6·3	4·0	−0·6	0	0	0	0	0	0	0	0	0	0
Gorakhpur	93·0	+3·0	103	27	68·7	+7·3	60	14	0·67	0·67	+0·28	0·67	14	1	+0·2	2·9	2·5	+1·2	1	0	0	0	0	0	0	0	0	0
Azamgarh	95·8	...	106	27	66·3	...	59	5	0	0	...	0	...	0	..	6·2	3·4	...	0	0	0	0	0	0	0	0	0	0
Banaras	99·4	+7·8	106	27	68·4	+6·9	62	5	0	0	−0·37	0	...	0	−0·9	8·0	6·2	+2·7	0	0	0	0	0	0	0	0	0	0
Banaras (Babatpur Aerodrome)	98·5	...	106	27	66·3	...	58	5	0	0	...	0	...	0	...	9·8	7·3	...	0	0	0	0	0	0	0	0	0	0
Allahabad (Bamrauli)	98·6	+6·9	105	25,27	67·2	+6·2	61	31	0	0	−0·56	0	...	0	−1·3	5·7	3·7	−0·1	0	0	0	0	0	0	0	0	0	0
Fatehpur	96·9	+5·7	107	8	66·7	+6·5	60	6,14,31	0	0	−0·28	0	...	0	−0·9	8·5	3·5	−0·1	0	0	0	0	0	0	0	0	0	0
Banda	100·5	...	106	25	66·9	...	61	5,14,31	0	0	...	0	...	0	...	4·8	2·3	...	0	0	0	0	0	0	0	0	0	0
Orai	99·0	...	106	25	67·0	...	60	1,14	0	0	...	0	...	0	...	7·7	5·1	...	0	0	0	0	0	0	0	0	0	0
Kanpur	97·4	+8·0	104	25,27	66·5	+6·4	61	5,6,15	0	0	−0·29	0	...	0	−0·8	8·9	6·6	+0·6	0	0	0	0	0	0	0	0	0	0
Lucknow	98·0	+7·2	105	25	67·8	+7·2	62	5,31	0	0	−0·60	0	...	0	−0·9	2·6	1·9	−0·4	0	0	0	0	0	0	0	0	0	0
Lucknow (Amousi Aerodrome)	96·7	...	103	27	62·9	...	56	5	0	0	...	0	...	0	...	5·8	3·7	...	0	0	0	0	0	0	0	0	0	0
Hardoi	95·9	...	102	25,27	64·1	...	55	14	0	0	...	0	...	0	...	3·8	3·8	...	0	0	0	0	0	0	0	0	0	0
Lakhimpur Kheri	95·0	...	103	27	65·6	...	57	14	0	0	...	0	...	0	...	4·4	2·4	...	0	0	0	0	0	0	0	0	0	0
Bahraich	95·0	+6·3	104	27	66·4	+7·6	62	4,21	0	0	−0·39	0	...	0	−0·8	6·4	4·6	+1·8	0	0	0	0	0	1	0	0	0	0
U.P., West																												
Jhansi	99·0	+6·6	106	25	68·5	+6·4	60	14,31	0	0	−0·33	0	...	0	−0·8	3·0	2·5	−0·7	0	0	0	0	0	0	0	0	0	0
Agra	96·5	+7·7	103	25	64·4	+6·1	50	1	0	0	−0·32	0	...	0	−0·8	...	2·6	−1·1	0	0	0	0	0	0	0	0	0	0
Mainpuri	97·6	+7·6	105	25	63·8	+5·4	59	31	0	0	−0·34	0	...	0	−0·8	...	...	...	0	0	0	0	0	0	0	0	0	0
Aligarh	96·2	+10·1	104	25	63·2	+4·8	57	14,30	0	0	−0·57	0	...	0	−1·3	0	3·5	...	0	0	0	0	0	0	0	0	0	0
Bareilly	95·0	+8·0	102	27	66·2	+7·6	59	14	0	0	−0·61	0	...	0	−1·3	5·5	3·2	+0·7	0	0	0	0	0	0	0	0	0	0
Meerut	92·9	+7·0	99	25,26,27	63·2	+6·0	56	5	0	0	−0·60	0	...	0	−1·4	...	3·9	...	0	0	0	0	0	0	0	0	0	0
Najibabad	92·0	...	98	26,27	61·8	...	53	4	0	0	...	0	...	0	...	2·7	4·3	...	0	0	0	0	0	0	0	0	0	0
Roorkee	91·1	+7·3	97	4 days	61·9	+6·9	55	4,6,14	0	0·05	−0·73	0·04	12	0	−1·6	5·8	3·5	+1·0	2	0	0	2	0	0	0	0	0	0
Dehra Dun	86·4	+7·0	92	26	60·4	+6·3	53	14	0	0·46	+0·80	0·31	12	2	−0·7	3·3	2·5	+0·4	3	0	0	3	0	0	0	0	0	0
Punjab (I)																												
New Delhi	93·8	+8·8	101	25	65·2	+8·1	58	4 days	0	0	−0·51	0	...	0	−1·3	7·1	4·8	...	0	0	0	1	0	1	0	0	0	0
Hissar	94·9	+7·1	102	24	62·2	+5·4	53	29,31	0	0	−0·64	0	...	0	−1·5	5·0	4·4	−0·1	0	0	0	0	0	0	0	0	0	0
Karnal	91·6	...	98	26,27	60·9	...	54	10,30	0	0	...	0	...	0	...	0·3	0·1	...	0	0	0	0	0	0	0	0	0	0
Ambala	93·3	+9·0	101	26	62·3	+5·8	57	4days	0	0	−0·94	0	...	0	−1·8	7·5	3·8	+0·1	0	0	0	0	0	0	0	0	0	0
Patiala	91·9	...	100	24	57·5	...	52	29	0	0	−0·66	0	...	0	...	5·8	5·2	...	0	0	0	0	0	1	0	0	0	0
Ludhiana	92·7	+9·5	99	24	59·5	+3·2	53	14	0	0	−0·94	0	...	0	−1·8	0·2	0·5	−1·5	0	0	0	0	0	0	0	0	0	0
Ferozepur	91·1	...	98	24,25	57·7	...	51	30	0	0	...	0	...	0	...	1·8	1·1	...	0	0	0	0	0	0	0	0	0	0
Amritsar	89·1	...	96	25	51·6	..	47	30,31	0	0·01	...	0·01	24	0	...	8·3	6·9	...	1	0	0	2	0	1	0	1	0	0
Pathankot	86·9	...	93	25	60·0	...	50	30	0	0·04	...	0·04	12	0	...	4·3	3·3	...	1	0	0	0	0	0	0	0	0	0

(R) Reuter not received.

TABLE 11—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER—MARCH 1953.

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								
	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
Jammu and Kashmir																											
Srinagar	60·7	+3·8	69	6,9,22	41·0	+4·0	34	4	1·20	3·94	+0·33	1·33	12	7	−0·4	3·1	3·4	+0·2	15	0	0	9	0	0	0	0	0
Gulmarg	Closed during winter months.																										
Sonamarg	...	...	...	...	...	...	...	...	...	14·17	+0·76	2·93	12	14	+1·2	...	...	...	16	...	...	...	...	...	...	...	...
Dras (R)																											
Kargil (R)																											
Leh	46·5	+2·3	55	1,7,8	25·7	+4 7	17	30	0·25	1·26	+0·98	0·54	12	4	+3·1	4·8	3·9	...	7	8	0	0	0	0	0	0	0
Skardu (R)																											
Gurez	...	...	...	...	...	...	...	...	...	5·94	−3·18	0·70	11,25	12	+0·7	...	...	...	...	...	...	...	...	...	...	...	...
Gilgit (R)																											
Misgar (R)																											
Jammu	83·4	+4·5	92	25	63·0	+3·7	57	3,29	...	1·01	−1·02	0·10	25	2	−1·7	...	...	...	5	0	0	2	0	0	0	0	0
Rajasthan, West																											
Sri Ganganagar	95·0	+12·1	100	5,23,25	60·7	+8·5	50	31	0	0	−0·51	0	...	0	−1·4	6·4	4·5	−0·9	0	0	0	0	0	0	0	0	0
Bikaner	96·0	+6·6	103	11	62·0	+3·8	47	30	0	0	−0·23	0	...	0	−0·6	2·4	3·1	−1·1	0	0	0	0	0	2	0	0	0
Jaisalmer	94·2	...	103	26	65·9	...	52	30	0	0	...	0	...	0	...	13·2	8·9	...	0	0	0	0	0	0	0	0	0
Jodhpur	97·7	+7·2	104	11,23	65·9	+4·4	59	13	0	0	−0·11	0	...	0	−0·2	6·3	4·8	...	0	0	0	0	0	0	0	0	0
Phalodi	95·4	...	101	11,23,24	65·3	...	50	29	0	0	−0·14	0	...	0	−0·4	8·9	7·8	...	0	0	0	0	0	0	0	0	0
Barmer	98·4	+8·2	105	25	70·5	+6·3	61	30	0	0	−0·25	0	...	0	−0·6	6·7	6·3	+0·5	0	0	0	0	0	0	0	0	0
Rajasthan, East																											
Sikar	94·3	...	100	24	58·6	...	45	29,30	0	0	...	0	...	0	...	8·9	5·2	0	0	0	0	0	0	0	0	0	0
Jaipur	95·2	+6 9	101	24	64·4	+5·4	57	29,30	0	0	−0·34	0	...	0	−0·9	7·6	4·8	+0·5	0	0	0	0	0	0	0	0	0
Jaipur (Sanganer Aerodrome)	95·1	...	102	24	63·6	...	55	29	0	0	...	0	...	0	...	8·3	6·6	...	0	0	0	0	0	0	0	0	0
Ajmer	93·7	+6·0	100	11	65·2	+5·0	54	30	0	0	−0·23	0	...	0	−0·7	7·7	5·3	+2·1	0	0	0	0	0	0	0	0	0
Kotah	99·0	+6·3	104	24,25	67·7	+2·5	62	31	0	0	−0·17	0	...	0	−0·5	5·6	4·0	+1·9	0	0	0	0	0	0	0	0	0
Jhalawar	98·4	+7·0	103	5 days	64·6	+3·9	59	4,5	0	0	−0·14	0	...	0	−0·6	2·9	1·8	−1·2	0	0	0	0	0	0	0	0	0
Udaipur	93·7	+4·7	98	17,23,24	62·7	+2·3	54	30	0	0	−0·10	0	...	0	−0·3	4·7	2·8	...	0	0	0	0	0	0	0	0	0
Madhya Bharat																											
Gwalior (P. B. O.)	97·9	+5·8	105	25	66·5	+5·8	56	15	0	0	−0·21	0	...	0	−1·0	3·8	4·0	...	0	0	0	0	0	0	0	0	0
Sheopur Kalan	99·7	...	104	4 days	64·4	...	55	31	0	0	...	0	...	0	...	7·3	4·6	...	0	0	0	0	0	0	0	0	0
Guna	98·0	+7·7	103	12,25	62·3	+4·6	55	5,14,30	0	0	−0·50	0	...	0	−0·9	8·3	4·2	+1·2	0	0	0	0	0	0	0	0	0
Neemuch	96·8	+6·2	102	24	66·5	+5·4	58	29	0	0	−0·12	0	...	0	−0·3	7·3	5·4	+0·3	0	0	0	0	0	0	0	0	0
Ratlam	97·8	...	102	17,24,26	66·7	...	54	29	0	0	...	0	...	0	...	6·6	4·8	...	0	0	0	0	0	0	0	0	0
Indore	98·1	+4·7	102	4 days	64·1	+4·8	55	29	0	0	−0·08	0	...	0	−0·3	9·3	6·1	+0·3	0	0	0	0	0	0	0	0	0
Bhopal (Bairagarh)	98·3	+6·7	103	25	65·3	+3·4	55	29	0	0	−0·34	0	...	0	−0·8	3·9	6·8	+0·7	0	0	0	0	0	0	0	0	0
Vindhya Pradesh																											
Nowgong	99·3	+7·6	106	25	61·2	+1·6	55	14	0	0	−0·30	0	...	0	−0·8	5·7	2·7	+0·8	0	0	0	0	0	0	0	0	0
Sutna	98·9	+8·4	105	25	65·8	+4·4	58	4	0	0	−0·45	0	...	0	−1·1	6·1	3·1	0	0	0	0	0	0	0	0	0	0
Umaria	98·3	+7·9	103	25,26,27	62·7	+3·4	54	14	0	0	−0·70	0	...	0	−1·7	5·5	3·0	+0·1	0	0	0	0	0	0	0	0	0
Madhya Pradesh, East																											
Gondia	101·7	...	107	26,27	69·1	...	63	6	0	0	...	0	...	0	...	4·0	2·2	...	0	0	0	0	0	0	0	0	0
Pendra	97·0	+9·7	103	26	70·2	+7·8	63	1,2	0	0	−1·09	0	...	0	−2·3	8.0	4·5	+0·7	0	0	0	0	0	0	0	0	0
Raigarh	103·2	...	108	28	70·1	...	63	9	0	0	...	0	...	0	...	1·5	3·0	...	0	0	0	0	0	0	0	0	0
Ambikapur	96·2	...	101	19,26,27	60·7	...	54	1,6	0	0	...	0	...	0	...	7·9	5·0	...	0	0	0	0	0	0	0	0	0
Champa	102·3	...	107	4 days	69·6	...	64	1,2,7	0	0	...	0	...	0	...	5·8	4·1	...	0	0	0	0	0	0	0	0	0
Raipur	101·3	+6·1	106	4 days	73·4	+5·4	67	7	0	0	−0·71	0	...	0	−1·7	5·8	4·1	−0·1	0	0	0	0	0	0	0	0	0
Kanker	99·1	+5·6	103	27,28	67·9	+2·4	58	9	0	0	−0·85	0	...	0	−2·1	4·0	3·0	−0·2	0	0	0	0	0	0	0	0	0
Chanda	104·1	+5·3	109	27	69·8	+2·8	61	7	0	0	−0·77	0	...	0	−1·2	0·9	2·4	0	0	0	0	0	0	0	0	0	0
Sironcha	102·6	...	107	28	74·1	...	69	2	0	0	....	0	...	0	...	5·9	3·7	...	0	0	0	0	0	0	0	0	0
Jagdalpur (P. B. O.)	99·5	+5·2	105	28	66·3	+1·4	59	7	0	0	−0·53	0	...	0	−1·2	3·5	2·1	...	0	0	0	1	0	0	0	0	0
Madhya Pradesh, West																											
Buldhana	98·5	...	102	17,25,26	74·7	...	63	29	0	0	...	0	...	0	...	6·7	5.7	...	0	0	0	0	0	0	0	0	0
Akola	104·4	+5·6	108	18,26	68·3	+2·3	61	1,30	0	0	−0·36	0	...	0	−0·7	6·5	4·7	+1·1	0	0	0	0	0	0	0	0	0
Amravati	103·2	+5·7	108	26	73·4	+4·0	66	29	0	0	−0·35	0	...	0	−0·8	7·4	5·6	+1·4	0	0	0	0	0	0	0	0	0
Yeotmal	102·5	...	107	19,27	73·3	...	66	29	0	0	...	0	...	0	...	8·4	6·8	...	0	0	0	0	0	0	0	0	0
Khandwa	102·9	+5·5	107	4 days	68 4	+3·9	61	30	0	0	−0·17	0	...	0	−0·5	7·6	5·0	+0·9	0	0	0	0	0	0	0	0	0
Hoshangabad	101·6	+8 1	106	25	67·1	+2·3	60	19,25	0	0	−0·24	0	...	0	−0·6	4·1	2·8	+0·6	0	0	0	0	0	0	0	0	0
Sagar	97·0	+6·4	103	19, 25	71·4	+6·6	64	29	0	0	−0·33	0	..	0	−0·9	8·8	6·7	−3·3	0	0	0	0	0	0	0	0	0
Jabalpur	100·3	+8·7	105	25	61·9	+3·1	56	14	0	0	−0·56	0	...	0	−1·4	5·2	2·8	+0·8	0	0	0	0	0	0	0	0	0
Mandla	98·4	...	103	18,25,27	58·1	...	50	6	0	0	...	0	...	0	...	5·0	2·3	...	0	0	0	0	0	0	0	0	0

(R) Register not received

vision 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
adhya Pradesh, West—*contd.*																												
Seoni	98·9	+7·0	103	25	66·6	+3·9	61	30	0	0	−0·79	0	...	0	−2·0	5·5	3·6	+0·7	0	0	0	0	0	0	0	0	0	0
Chhindwara	97·5	...	101	25,26	65·9	...	60	1,6	0	0	...	0	...	0	...	6 8	4·1	...	0	0	0	0	0	0	0	0	0	0
Betul	97·9	...	102	25	62·6	...	57	30	0	0	...	0	...	0	...	6·1	3·8	...	0	0	0	0	0	0	0	0	0	0
Nagpur	103·7	+7·0	108	26,27	69·2	+2·5	62	7	0	0	−0·60	0	...	0	−1·5	6·3	3·9	...	0	0	0	0	0	0	0	0	0	0
Gujarat																												
Deesa	100·2	...	106	23	64·8	...	51	30	0	0	...	0	...	0	...	...	...	...	0	0	0	0	0	0	0	0	0	0
Surat	101·3	+5·2	109	6	71·4	+4·4	62	30	0	0	−0·01	0	...	0	−0·1	6·1	4·7	+1·4	0	0	0	0	0	0	0	0	0	0
Ahmedabad	101·4	+4·4	106	22,23,26	67·4	+3·0	57	29	0	0	−0·05	0	...	0	−0·2	5·7	4·1	−0·6	0	0	0	0	0	0	0	0	0	0
Dohad	100·3	+6·0	106	24	70·5	+6·6	62	22,30	0	0	−0·06	0	...	0	−0·2	9 6	9·1	+5·8	0	0	0	0	0	0	0	0	0	0
Baroda	102·4	+6·3	108	23	65·3	+5·4	54	29	0	0	−0·02	0	...	0	0	3·2	2·3	−0·4	0	0	0	0	0	0	0	0	0	0
Baroda (Aerodrome)	101·6	...	107	6,9,23	67·4	...	57	29	0	0	...	0	...	0	...	4·9	3·9	...	0	0	0	0	0	0	0	0	0	0
Broach	103·4	...	110	17,22,23	70·0	...	58	30	0	0	...	0	...	0	...	5·2	4·3	...	0	0	0	0	0	0	0	0	0	0
Maharashtra and Kutch																												
Bhuj	97·6	+4·8	104	10	67·8	+3·5	58	31	0	0	−0·11	0	...	0	−0·2	6·7	4·9	−0·7	0	0	0	0	0	0	0	0	0	0
Bhuj (P. B. O.)	...	...	...	...	...	...	...	...	0	0	...	0	...	0	...	5·1	3·6	...	0	0	0	0	2	0	0	0	0	0
Dwarka	84·4	+2·1	90	23,24,26	73·7	+3·1	67	31	0	0	−0·11	0	...	0	−0·2	10·0	9·6 (b)	+0·2	0	0	0	0	0	0	0	0	0	0
Porbander	88·7	...	99	6	69·3	...	65	29,30,31	0	0	...	0	...	0	...	11·7	9·3	...	0	0	0	0	3	0	0	0	0	0
Jamnagar	93·8	+2·1	103	11	66·3	+3·8	55	31	0	0	−0·08	0	...	0	−0·1	...	...	...	0	0	0	0	6	0	0	0	0	0
Rajkot	99·6	+4·5	107	11	65·2	+3·1	55	30,31	0	0	−0·06	0	...	0	−0·1	11·2	9·1	+3·1	0	0	0	0	4	0	0	0	0	0
Rajkot (Aerodrome)	99·9	...	107	11	63·4	...	53	30	...	0	...	0	...	0	...	...	10·5	...	0	0	0	0	7	0	0	0	0	0
Veraval	89·9	...	102	7	66·2	...	58	31	0	0	−0·05	0	...	0	−0·1	14·2	11·8	+5·3	0	0	0	0	8	0	0	0	0	0
Mahuva	98·0	...	107	6,7	70·4	...	59	30	0	0	...	0	...	0	...	10·7	8·0	...	0	0	0	0	1	0	0	1	0	0
Bhavnagar	101·8	+6·1	108	12	69·8	+4·2	57	30	0	0	−0·11	0	...	0	−1·2	7·3	5·7	+0·9	0	0	0	0	0	0	0	0	0	0
Bhavnagar (Aerodrome)	98·2	...	106	9	69·1	...	59	30	...	0	...	0	...	0	...	...	10·0	...	0	0	0	0	0	0	0	0	0	0
Konkan																												
Dahanu	89·5	...	96	20	72·0	...	68	2,30,31	0	0	...	0	...	0	...	12·4	8·9	...	0	0	0	0	0	0	0	0	0	0
Bombay (Colaba)	90·8	+1·6	95	21,24	75·2	+3·3	72	30	0	0	−0·05	0	...	0	−0·1	7·7	5·3	−1·9	0	0	0	0	0	0	0	0	0	0
Bombay (Santa cruz Aerodrome)	92·8	+4·7	102	20	69·5	+3·4	66	1,29,30	0	0	−0·05	0	...	0	−0·1	10·8	6·5	...	0	0	0	0	0	0	0	0	0	0
Alibag	88·9	+3·5	94	8,24,25	72·9	+3·5	68	30	...	0	−0·02	0	...	0	−0·1	...	4·3	−1·7	0	0	0	0	0	0	0	0	0	0
Harnai	85·8	...	90	21	77·8	...	73	29,30	0	0	...	0	...	0	...	9·2	7·5	...	0	0	0	0	0	0	0	0	0	0
Ratnagiri	90·1	...	92	20,23,25	75·2	...	68	30	0	0	...	0	...	0	...	...	...	...	0	0	0	0	0	0	0	0	0	0
Devgad	89·0	...	93	20,25	77·2	...	73	30	0	0	...	0	...	0	...	10·8	8·4	...	0	0	0	0	0	0	0	0	0	0
Vengurla	90·3	...	93	29	74·6	...	68	1	0	0	...	0	...	0	...	...	...	...	0	0	0	0	1	0	0	0	0	0
Marmagao	88·1	+2·7	90	6 days	78·9	+4·5	75	30	0	0	−0·01	0	...	0	−0·1	9·9	7·6	+1·2	0	0	0	0	2	0	0	0	0	0
Karwar	88·7	...	90	10 days	76·0	...	70	29,30	0	0	...	0	...	0	...	...	...	...	0	0	0	0	0	0	0	0	0	0
Honavar	90·2	...	93	20,21,28	76·2	...	71	30		0	−0·05	0	...	(	− 0·1	4·9	3·5	...	0	0	0	0	0	0	0	0	0	0
Deccan (Desh)																												
Khandala	...	...	...	...	...	...	...	...	...	0	0	0	...	0	0	...	....	...	0	...	...	...	...	...	...	...	...	...
Jalgaon	105·9	...	111	26	67·7	...	56	30	0	0	−0·15	0	...	0	−0·5	9·0	7·8	...	0	0	0	0	0	0	0	0	0	0
Malegaon	102·9	+5·4	107	5 days	65·2	+2·5	57	30	0	0	−0·08	0	...	0	−0·3	5·7	3·8	−1·3	0	0	0	0	0	0	0	0	0	0
Deolali	100·0	...	104	17,21,24	64·0	...	51	30	...	0	...	0	...	0	...	...	4·5	...	0	0	0	0	0	0	0	0	0	0
Ahmednagar	100·7	+5·3	104	17,18,19	67·5	+4·4	56	29	0	0	−0·21	0	...	0	−0·3	6 3	4·7	−0·6	0	0	0	0	0	0	0	0	0	0
Poona	101·6	+4·7	106	20,26	65·7	+4·0	59	29,30	0	0	−0·06	0	...	0	−0·2	2·8	2·0	−3·1	0	0	0	0	0	0	0	0	0	0
Poona (Lohagaon Aerodrome)	100·3	...	104	18,20	67·3	...	58	29	0	0	...	0	...	0	...	...	...	...	0	0	0	0	0	0	0	0	0	0
Jeur	102·6	...	106	27	67·0	...	59	30	0	0	...	0	...	0	...	7·0	5·3	...	0	0	0	1	0	0	0	0	0	0
Sholapur	103·5	+4·4	107	26,27	72·8	+3·5	66	30	0	0	−0·23	0	...	0	−0·5	7·3	5·7	0	0	0	0	0	0	0	0	0	0	0
Miraj	100·9	+5·3	104	4 days	68·3	+3·8	61	31	0	0	−0·15	0	...	0	−0·7	6·4	5·9	−0·6	0	0	0	1	0	0	0	0	0	0
Kolhapur	99·4	...	104	25	68·1	...	62	30	0	0	...	0	...	0	...	7·2	7·1	...	0	0	0	0	0	0	0	0	0	0
Bijapur	101·1	+4·1	104	25	73·5	+3·3	68	29	0	0	−0·21	0	...	0	−0·6	4·8	4·1	+0·1	0	0	0	1	0	0	0	0	0	0
Belgaum	...	...	...	...	...	...	...	...	0	0	−0·41	0	...	0	−0·9	3·8	3·6	+0·3	0	0	0	0	2	0	0	0	0	0
Belgaum (Sambre Aerodrome)	96·7	...	101	20	66·6	...	63	3,30	0	0	...	0	...	0	...	9·3	8·8	...	0	0	0	0	0	0	0	0	0	0
Gadag	100·1	+4·6	104	20	71·9	+3·1	68	4	0	0	−0·22	0	...	0	−0·7	5·7	5·6	+0·7	0	0	0	0	0	0	0	0	0	0
Hyderabad, North																												
Aurangabad	101·3	+5·4	105	25	71·8	+4·9	60	29	0	0	−0·20	0	...	0	−0·5	7·8	8·0	+1·8	0	0	0	0	0	1	0	0	0	0
Aurangabad (Chikalthana Aerodrome)	100·5	...	104	17,25	66·7	...	55	29	0	0	...	0	...	0	...	7·5	6·3	...	0	0	0	1	0	0	0	0	0	0
Parbhani	103·3	...	107	25	70·6	...	64	29,30	0	0	−0·27	0	...	0	−0·5	...	...	...	0	0	0	0	0	0	0	0	0	0
Ramagundam	104·0	...	109	19,27,28	75·2	...	67	7	0	0	...	0	...	0	...	4·7	3·8	...	0	0	0	0	0	0	0	0	0	0
Nizamabad	102·9	+4·6	106	18,25,27	70·5	+1·6	63	7,19	0	0	−0·40	0	...	0	−0·8	3·9	3·2	+0·5	0	0	0	0	0	0	0	0	0	0
Bidar	99·4	+4·5	103	27	74·3	+2·6	69	29	0	0	−0·42	0	...	0	−1·2	8·0	6·6	+0·4	0	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
Hyderabad, South																												
Gulbarga	102·7	+3·6	106	4 days	74·0	+3·5	70	4,5,17	0	0	−0·37	0	...	0	−0·8	7·3	5·8	+0·1	0	0	0	0	8	0	0	0	0	0
Raichur	101·3	+2·8	105	27,28	76·5	+2·7	73	4 days	0	0	−0·14	0	...	0	−0·4	6·3	6·6	+1·1	0	0	0	0	0	0	0	0	0	0
Mahbubnagar	99·7	...	104	28	71·5	...	66	2	0	0	...	0	...	0	...	6·9	5·2	...	0	0	0	0	0	0	0	0	0	0
Hyderabad (Nizamiah)	101·4	+4·7	106	27	70·0	+1·6	64	8	0	0	−0·46	0	...	0	−0·9	6·2	4·7	+1·0	0	0	0	0	0	0	0	0	0	0
Hyderabad (Begumpet Aerodrome)	99·5	...	104	27	68·6	...	64	7,8	0	0	...	0	...	0	...	7·9	6·1	...	0	0	0	0	0	0	0	0	0	0
Hakimpet	...	...	...	...	72·1	...	68	12	...	...	...	...	...	...	...	...	...	...	0	0	0	0	0	0	0	0	0	0
Hanamkonda	101·9	+5·9	108	27	73·4	+2·2	70	4	0	0	−0·46	0	...	0	−0·8	6·3	6·2	+1·0	0	0	0	1	0	0	0	0	0	0
Bhadrachallam	102·5	...	109	28,29	74·3	...	71	2,3,4	0	0	...	0	...	0	...	4·7	5·6	...	0	0	0	0	0	0	0	0	0	0
Khammameth	101·9	...	110	28	75·6	...	72	2,4	0	0	...	0	...	0	...	6·4	6·1	...	0	0	0	0	0	0	0	0	0	0
Coastal Andhradesa																												
Nellore	97·0	+2·7	110	29	73·8	+0·9	70	14	0	0	−0·17	0	...	0	−0·3	8·2	6·2	+1·9	0	0	0	0	0	0	0	0	0	0
Ongole	93·3	...	110	29	74·6	...	69	4	0	0	...	0	...	0	...	8·1	5·4	...	0	0	0	0	0	0	0	0	0	0
Gannavaram	99·6	...	110	28,29	73·1	...	66	4	0	0	...	0	...	0	...	2·2	6·7	...	0	0	0	0	1	0	0	0	0	0
Masulipatam	92·1	+1·6	104	30	74·6	+2·3	69	4	0	0	−0·42	0	...	0	−0·5	10·8	7·0	+2·7	0	0	0	0	0	0	0	0	0	0
Kakinada	95·0	+3·2	101	28	75·4	+1·9	71	4,5	0	0	−0·48	0	...	0	−0·7	7·3	5·5	+1·0	0	0	0	0	0	0	0	0	0	0
Visakhapatnam	92·3	−1·4	97	15	75·5	+2·7	72	4 days	0	0	−0·47	0	...	0	−0·8	13·9	8.5	+3·4	0	0	0	0	0	0	0	0	0	0
Calingapatam	88·5	−2·1	92	17	75·3	+2·5	70	3	0	0	−0·44	0	...	0	−0·6	9·9	9·6	+3·3	0	0	0	0	0	0	0	0	0	0
Rentachintala	104·8	+5·4	112	28	76·3	+0·7	73	4 days	0	0	−0·09	0	...	0	−0·3	5·7	5·5	−0·3	0	0	0	0	0	0	0	0	0	0
Rayalaseema																												
Arogyavaram	94·3	...	99	27	67·3	...	61	2	0	0	...	0	...	0	...	7·1	5·3	...	0	0	0	0	0	0	0	0	0	0
Cuddapah	103·9	+3·0	108	20	77·1	+2·3	72	4 days	0	0	−0·18	0	...	0	−0·3	10·7	8·2	+0·6	0	0	0	0	0	0	0	0	0	0
Bellary	100·9	+1·4	104	20	75·0	+2·7	64	4	0	0	−0·21	0	...	0	−0·6	5·3	3·8	+0·5	0	0	0	0	0	0	0	0	0	0
Kurnool	102·9	+2·9	106	19,27,28	72·6	+0·6	67	2,3	0	0	−0·21	0	...	0	−0·4	5·6	4·5	+0·6	0	0	0	0	0	0	0	0	0	0
Anantapur	101·4	...	105	20	70·9	...	61	4	0	0	−0·15	0	...	0	−0·3	8·3	4·1	...	0	0	0	0	0	0	0	0	0	0
Tamilnad																												
Palayamcottai	99·3	...	107	30	77·3	...	72	9	0·11	0·60	−0·44	0·36	21	2	0	5·0	5·0	...	4	0	0	0	0	0	0	0	0	0
Pamban	89·2	+0·6	95	29	82·5	+5·8	79	8,9,10	0	0	−0·72	0	...	0	−1·4	9·2	7·8	+2·3	0	0	0	0	0	0	0	0	0	0
Mathurai	98·7	+3·4	106	30	75·4	+2·9	71	9,25	0	0·13	−0·57	0·13	30	1	0	4·2	3·5	+0·1	1	0	0	1	0	0	0	0	0	0
Nagapattinam	88·5	+0·3	104	28	78·0	+1·7	72	9	0·07	0·07	−0·72	0·07	6	0	−1·0	10·0	9·4	+3·1	1	0	0	0	0	0	0	0	0	0
Tiruchirapalli	97·6	+1·2	104	28,29,30	75·2	+3·0	71	13,17,24	0	0	−0·36	0	...	0	−0·7	5·2	5·8	+1·1	0	0	0	0	0	0	0	0	0	0
Coimbatore	95·4	0	100	11	73·0	+2·8	69	17	0	0	−0·50	0	...	0	−0·9	7·4	5·1	+2·6	0	0	0	1	0	0	0	0	0	0
Coimbatore (Peelamedu Aerodrome)	96·8	...	101	19,30	71·5	...	68	1,18	0	0	...	0	...	0	...	10·0	9·7	...	0	0	0	1	0	0	0	0	0	0
Salem	99·7	+1·7	105	30	73·8	+2·4	69	1	0	0	−0·49	0	...	0	−0·9	6·0	6·7	+2·2	0	0	0	0	0	0	0	0	0	0
Kallakurichi	98·4	...	107	29	73·3	...	69	4 days	0	0	...	0	...	0	...	...	...	...	0	0	0	0	0	0	0	0	0	0
Cuddalore	89·5	+1·1	102	29	74·0	+1·3	70	9,15	0	0	−0·69	0	...	0	−0·6	8·4	6·5	+2·4	0	0	0	0	0	0	0	0	0	0
Vellore	97·3	+3·1	105	28,29	70·9	+1·1	65	1	0	0	−0·27	0	...	0	−0·5	5·1	4·6	+1·5	0	0	0	0	0	0	0	0	0	0
Madras	93·3	+1·9	105	29	75·0	+2·6	71	1,14	0	0	−0·29	0	...	0	−0·4	9·9	7·5	+0·9	0	0	0	0	0	0	0	0	0	0
Madras (Nungambakkam)	91·2	...	104	28	74·2	...	70	3,9,14	0	0	...	0	...	0	...	...	4·6	...	0	0	0	0	0	0	0	0	0	0
Malabar & South Kanara																												
Mangalore	89·8	+0·2	93	2	78·7	+3·0	75	1,2	0	0	−0·21	0	...	0	−0·3	6·7	5·6	+0·7	0	0	0	0	0	0	0	0	0	0
Kozhikode	92·5	+2·4	94	4 days	77·9	+1·8	73	1	0	0·22	−0·46	0·22	28	1	+0·2	11·2	8·9	+2·3	1	0	0	0	0	0	0	0	0	0
Palghat	101·1	...	105	20,23,25	78·1	...	75	1	0	0·07	...	0·07	6	0	...	(e) 6·6	(e) 5·8	...	1	0	0	0	0	0	0	0	0	0
Mysore																												
Chitaldrug	97·1	+1·8	99	5 days	71·5	+1·1	66	3	0	0	−0·17	0	...	0	−0·4	6·2	5·2	+1·3	0	0	0	0	0	0	0	0	0	0
Shimoga	98·1	...	102	20	68·2	...	60	2	0	0	...	0	...	0	...	4·7	3·3	...	0	0	0	0	4	0	0	0	0	0
Hassan	93·5	+1·9	97	20,25	64·4	+1·2	58	2,3	0	0	−0·37	0	...	0	−0·6	6·0	4·7	+1·5	0	0	0	1	2	0	0	0	0	0
Bangalore (Central observatory)	92·6	+2·3	96	19,20,27	66·6	+2·1	59	2	0	0	−0·40	0	...	0	−0·8	7·5	6·3	+1·8	0	0	0	0	0	0	0	0	0	0
Bangalore (Aerodrome)	92·9	...	97	20	65·5	...	59	1,2	0	0	...	0	...	0	...	...	...	...	0	0	0	0	0	0	0	0	0	0
Mysore	94·4	+0·7	98	20	68·5	+0·9	64	4 days	0	0	−0·51	0	...	0	−0·8	8·3	6·6	+2·0	0	0	0	1	0	0	0	0	0	0
Balehonnur	90·5	+3·0	94	21	64·9	+2·1	61	3,4	...	0	−1.24	0	...	0	−1·8	...	...	...	0	0	0	0	0	0	0	0	0	0
Travancore-Cochin																												
Fort Cochin	88·8	+0·9	91	17,21	79·8	+1·8	76	1,11	0	3·19	+1·18	1.93	12	3	+0·2	11·1	8·2	+2·7	3	0	0	3	0	0	0	0	0	0
Cochin (Willingdon Island Aerodrome)	90·5	...	92	4 days	77·7	...	74	1,3,21	0	2·33	...	1·45	12	3	...	7.6	4.8	...	4	0	0	8	0	0	0	0	0	0
Alleppey	91·2	...	93	16,17	78·4	...	74	7	0·01	1·47	...	1·10	28	2	...	12·3	8·6	...	8	0	0	6	0	0	0	0	0	0
Trivandrum	91·2	+0·9	96	1	77·1	+1·6	75	1,8	0·21	0·27	−1·27	0·12	21	1	−1·5	7·3	4·8	+1·0	4	0	0	7	0	0	0	0	0	0

(e) Mean of 26 days.

sion 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
:ations—Exclud-																												
Kashmir																												
ima . .	71·5	...	80	31	58·0	...	53	10,26	0·54	4·79	...	1·42	14	9	...	5·6	5·0	...	10	0	0	2	0	8	0	0	0	0
l . . .	79·1	...	83	4 days	61·4	...	50	10	0·32	1·86	...	0·81	14	4	...	7·5	7·8	...	4	0	1	3	0	0	0	0	0	0
ong . .	70·8	+0·4	81	31	53·7	+2·9	46	5	1·64	6·07	+4·10	1·10	10	7	+3·1	3·9	3·5	−0·7	12	0	0	12	0	0	0	0	0	0
rrapunji . .	67·7	−1·0	72	6,31	55·6	+0·7	49	9	4·54	29·90	+22·63	5·43	27	19	+11·9	10·0	9·4	+2·8	23	0	0	8	17	0	0	0	0	0
jiling . .	59·0	+3·6	68	31	46·9	+3·9	41	10,15	2·48	4·03	+2·15	1·00	10	8	+4·4	7·6	7·3	+2·3	13	0	0	4	15	0	0	0	0	0
iling (Raj)	61·0	...	69	15	48·7	...	42	4	1·29	3·31	...	1·05	22	6	...	2·5	2·4	...	10	0	1	3	26	4	0	0	0	0
nawan.)																												
mpong . .	68·6	−0·8	76	31	57·8	+3·2	51	10	1·20	3·09	+1·98	0·90	25	6	+3·0	1·6	1·1	−6·6	8	0	0	0	0	0	0	0	0	0
nandu .	80·3	+2·9	88	31	51·3	+5·9	42	14	0·30	1·90	+1·31	0·83	9	3	+1·3	2·2	1·2	−0·2	6	0	0	6	8	0	0	0	0	0
teswar (Kumaon)	66·5	+7·2	74	23	48·8	+6·2	41	12	0	0·40	−1·90	0·20	9,12	2	−2·1	11·5	1·6	−4·7	2	0	0	2	0	0	0	0	0	0
iital . .	66·1	...	71	17,25,26	50·7	...	45	30	0	0 23	...	0·21	9	1	...	6·4	5·1	...	3	0	0	1	0	0	0	0	0	0
ɔal . .											Closed during winter months.																	
ına Chetty .	...	...	...	...	...	...	...	...	...	1·84	...	1·32	13	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...
sooree . .	68·0	+8·3	74	16,26	51·0	+6·2	45	14	0·15	0·42	−1·84	0·18	9	2	−1·7	6·0	4·9	−0·3	5	0	0	1	0	0	0	0	0	0
rsali . .	...	...	...	...	...	...	...	...	...	3·18	...	0·77	12	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...
a . . .	...	...	...	...	...	...	...	...	...	1·49	...	0·90	13	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
a . . .	64·7	+7·7	72	5	50·6	+7·0	43	30	0	0·15	−2·21	0·08	9	0	−4·7	4·2	3·1	−0·9	2	0	0	1	0	2	0	0	0	0
rampore . .	...	...	...	...	...	...	...	...	...	0	−1·89	0	..	0	−2·9	...	...	...	...	...	...	...	...	...	...	...	...	..
ang . .	...	...	...	...	...	...	...	...	...	10·49	+6·65	1·98	16	12	+4·5	...	...	...	...	...	...	...	...	...	...	...	...	...
dla . .	...	...	...	...	...	...	...	...	...	6·96	...	1·15	11	11	...	...	...	...	...	...	...	...	...	...	...	...	...	...
i . . .	...	...	...	...	...	...	...	...	...	13·72	...	2·71	26	13	...	...	...	...	...	...	...	...	...	...	...	...	...	..
ar . . .	...	...	...	...	...	...	...	...	...	9·49	...	5·10	27	8		...	...	...	...	...	...	...	...	...	...	...	...	..
ousie . .	68·9	...	85	16	50·5	...	41	3	0·84	1·85	−3·27	0·52	13	6	+0·1	8·4	4·7	...	6	0	0	0	0	0	0	0	0	0
ramshala . .	75·7	...	82	23	60·5	...	50	13	2·43	3·26	...	2·45	13	2	...	(O) 7·4	(O) 5·5	...	7	0	2	6	0	0	0	1	0	0
marhi . .	91·0	+6·9	95	17,25,26	62·6	+3·2	54	6	0	0	−0·56	0	...	0	−1·3	4·0	2·9	−0·6	0	0	0	0	0	0	0	0	0	0
. . .	82·2	+5·6	87	23,24	65·6	+4·6	53	28	0	0	−0·17	0	...	0	−0·5	5·7	5·1	0	0	0	0	0	0	0	0	0	0	0
abaleshwar .	87·8	+5·4	93	24	66·6	+4·0	58	28,29	0	0	−0·17	0	...	0	−0·4	7·0	7·8	+1·2	0	0	0	0	1	0	0	0	0	0
di Hills* . .																												
cara . .	86·0	+1·8	91	20	62·7	+1·1	57	4	0	0·26	−0·50	0·26	31	1	−0·6	7·1	5·5	+2·4	1	0	0	1	0	0	0	0	0	0
aikanal . .	68·1	+1·9	72	20,26	51·6	+1·4	47	1	0·82	1·25	−0·56	0·32	30	5	+1·9	11·2	10·9	+2·7	5	0	0	7	0	0	0	0	0	0
camund .	72·4	+2·4	75	19	51·3	+3·6	41	1,4	0	0·40	−0·88	0·37	28	1	−1.6	6·7	4·9	+1·6	2	0	0	0	0	0	0	0	0	0
oor . .	74·3	+1·4	78	27,31	53·2	+0·9	44	2	...	5·31*	+2·07	4·62	6	2	−0·8	...	5·3	+1·8	2	0	0	0	0	0	0	0	0	0
n																												
ngu . .	...	...	...	...	...	...	...	...	...	1·48	...	0·27	11	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...
ngthang . .	...	...	...	...	...	...	...	...	...	6·13	...	0·95	21	14	...	...	...	...	...	...	..	...	...	...	...	...	...	..
ren . .	46·9	...	53	31	34·4	...	20	8	...	4·52	...	0·95	21	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...
ng (Chumbi) .	60·5	+8·9	67	29	14·6	−12·9	9	14	...	3·18	+1·12	1·00	22	8	+2·6	...	...	...	8	3	1	2	0	0	0	0	0	0
a . .	58·2	...	72	1	29·1	...	20	10	0	0	...	0	...	0	...	...	0	...	0	0	0	0	0	0	0	0	0	0
ntse . .	56·3	+6·6	66	28	22·3	+3·9	9	5	...	0·06	−0·07	0·06	9	0	−0.5	...	0·7	−4·5	1	0	0	0	0	0	0	0	0	0
a																												
mbo . .	87·1	−1·8	89	4 days	74·9	+0·7	72	3,20	3·74	10·00	+5.72	2·57	20	15	+8·9	...	...	...	17	0	0	10	0	0	0	0	0	0
comale . .	86·8	−1·2	98	29	77·0	+0·9	73	1	0·02	1·39	−0·57	0·57	1	3	+0·3	...	...	...	5	0	0	0	0	0	0	0	0	0
icoloa . .	85·8	...	92	30	75·5	...	72	1	1·07	2·28	...	0·90	3	5	...	...	...	...	10	0	0	2	0	0	0	0	0	0
ibantota .	87·6	+0·7	91	29	75·3	+1·3	73	4 days	0·05	2·55	−0·91	0·80	1	5	0	...	...	...	11	0	0	5	0	0	0	0	0	0
mar . .	90·0	...	93	17	77·1	...	74	7,8,22	2·08	2·08	...	1·13	5	2	...	...	...	...	2	0	0	4	0	0	0	0	0	0
IOMETEORO-																												
ICAL OBSER-																												
ORIES																												
dar Catchment																												
ıro . .	98·7	...	105	26	65·2	...	56	15	0	0	...	0	...	0	...	6·9	4·1	...	0	0	0	0	1	0	0	0	0	0
aribagh .	93·7	...	99	14,26,28	66·1	...	59	15	0	0	...	0	...	0	...	10.0	5·6	...	0	0	0	0	0	0	0	0	0	0
i . .	96·1	...	102	14,26	68·0	...	61	6	0	0	...	0	...	0	...	6·6	3·9	...	0	...	...	...	...	...	...	...	...	..
agarh . .	99·6	...	105	26,27,28	62·9	...	52	15	0	0	...	0	...	0	...	5·0	2·4	...	0	...	...	...	...	...	...	...	...	..
ubad . .	98·2	...	105	26	70·8	...	65	16	0	0	...	0	...	0	...	6·0	5·1	...	0	0	0	1	1	0	0	0	0	0
asol . .	...	...	...	...	...	...	...	...	0	0	...	0	...	0	...	...	...	...	0	...	...	...	...	...	...	...	...	...
nwar . .	...	...	...	...	...	...	...	...	0	0	...	0	...	0	...	...	...	...	0	...	...	...	...	...	...	...	...	...
nri . .	...	...	...	...	...	...	...	...	0	0	...	0	...	0	...	...	...	...	0	...	...	...	...	...	...	...	...	...
ungarh .	...	...	...	...	...	...	...	...	0	0	...	0	...	0	...	...	...	...	0	...	...	...	...	...	...	...	...	...
ganj (Giridih) .	...	...	...	...	...	...	...	...	0	0	...	0	...	0	...	...	...	...	0	...	...	...	...	...	...	...	...	...
ndwa . .	...	...	...	...	...	...	...	...	0	0	...	0	...	0	...	...	...	...	0	...	...	...	...	...	...	...	...	...
unki (Chas Road)	...	...	...	...	...	...	...	...	0	0	...	0	...	0	...	...	...	...	0	...	...	...	...	...	...	...	...	...

*Data not reliable

(O) Mean of 16 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
HYDROMETEOROLOGICAL OBSERVATORIES—*contd.*																												
Mahanadi Catchment																												
Baramul	102·9	...	110	28	63·6	...	55	2	0	0	...	0	...	0	...	2·8	1·7	...	0	...	...	...	...	...	...	...	...	...
Hirakud	102·8	...	108	28	69·2	...	63	7	0	0	...	0	...	0	...	1·9	0·9	...	0	...	...	...	...	...	...	...	...	...
Barkachhar	101·0	...	106	27	64·8	...	58	1,7	0	0	...	0	...	0	...	7·3	3·8	...	0	...	...	...	...	...	...	...	...	...
Sonepur	102·2	...	107	5 days	70·4	...	64	2	...	0	...	0	...	0	...	...	2·3	...	0	...	...	...	...	...	...	...	...	...
Ginabahar	98·9	...	103	4 days	63·8	...	57	8,15,20	...	0	...	0	...	0	...	...	...	...	0	...	...	...	...	...	...	...	...	...
Jonk	102·0	...	108	26,27,28	70·2	...	61	1	0	0	...	0	...	0	...	7·9	5.4	...	0	...	...	...	...	...	...	...	...	...
Ganga Catchment																												
Tapoban	71·0	...	79	24,25	47·0	...	40	14	...	0·80	...	0·20	27	5	...	...	...	...	7	...	...	...	...	...	...	...	...	...
Badrinath	Closed during winter months																											
Narbada Catchment.																												
Punasa	103·8	...	108	4 days	66·5	...	57	30	0	0	...	0	...	0	...	5·2	3·2	...	0	...	...	...	...	...	...	...	...	...
Bagra Tawa	101·9	...	107	25	65·6	...	58	1·6	0	0	...	0	...	0	...	5·6	3·1	...	0	...	...	...	...	...	...	...	...	...
Thikri	104·0	...	109	24	67·3	...	51	30	...	0	...	0	...	0	...	...	...	...	0	...	...	...	...	...	...	...	...	...
Tapti Catchment																												
Nandurbar	103·4	...	108	17	75·5	...	67	29,30,31	...	0	...	0	...	0	...	...	...	...	0	...	...	...	...	...	...	...	...	...
Sabarmati Catchment																												
Jhadol	..	...	...	...	56·6	...	51	1	...	0	...	0	...	0	...	...	...	...	0	...	...	...	...	...	...	...	...	...
Dharoi	...	...	...	...	...	...	...	...	...	0	...	0	...	0	...	...	...	...	0	...	...	...	...	...	...	...	...	...

TABLE III—SUMMARY OF OBSERVATIONS AT FIXED HOURS—MARCH 1953.

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, miles per hour.	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
y Islands																										
able Island	0830	108	1012·1	1008·4	...	81·9	74·8	71·3	26·4	70	...	2·2	...	8·1	0	3	28	11	6	0	0	2	3	3	6	0
	1730	,,	1008·8	1005·1	...	80·4	74·4	71·4	26·4	74	...	2·1	...	7·7	0	1	30	11	8	0	2	0	0	3	7	0
aya Bandar	0830	76	1012·7	1010·1	...	83·1	77·5	75·1	29·8	77	...	3·1	...	4·0	0	1	24	5	8	4	0	0	2	1	5	6
	1730	,,	1009·4	1007·1	...	82·4	77·6	75·5	29·8	78	...	2·9	...	7·6	0	1	30	1	14	5	0	0	1	6	4	0
ong Island	0830	80	1011·9	1009·2	...	83·3	76·4	73·5	27·8	72	...	3·5	...	2·1	0	0	29	2	1	0	3	0	7	6	10	2
	1730	,,	1008·6	1005·8	...	82·6	75·8	73·0	27·1	74	...	3·1	...	0·9	0	0	12	0	0	0	1	0	5	4	2	19
ort Blair	0530	259	1010·7	1001·7	...	75·4	73·9	72·9	27·9	92	...	3·8	...	1·8	0	0	12	1	5	2	0	0	1	2	1	19
	0830	,,	1012·6	1003·8	+0 6	85·3	77·3	73·5	28·4	68	−4	4·2	+1·3	4·5	0	0	29	3	16	5	0	0	1	3	1	2
	1130	,,	1011·3	1002·6	...	88·0	77·9	73·3	28·2	62	...	3·4	...	7·0	0	0	31	0	14	12	2	0	0	3	0	0
	1730	,,	1009·6	1000·8	...	81·9	76·0	73·3	27·8	75	...	3·6	...	4·6	0	0	28	0	11	9	1	1	0	5	1	3
	2330	,,	1011·2	1002·3	...	77·2	74·5	73·1	28·2	88	...	2·2	...	3·2	0	0	22	0	7	3	0	0	3	7	2	9
ondul	0830	30	1012·0	1010·9	...	83·1	78·3	76·5	30·6	80	...	5·7	...	3·3	0	0	18	0	16	2	0	0	0	0	0	15
	1730	,,	1009·5	1008·5	...	82·3	75·5	75·2	26·8	80	...	5·9	...	4·1	0	0	21	0	17	4	0	0	0	0	0	10
ar Nicobar	0830	33	1011·5	1010·6	...	85·4	78·7	77·0	31·0	76	...	3·5	...	2·8	0	0	29	3	14	7	1	1	1	1	1	2
	1730	,,	1009·3	1008·4	...	83·6	79·0	76·8	32·2	76	...	3·0	...	2·3	0	0	24	1	15	4	0	1	2	0	1	7
ncowry	0830	70	1011·6	1009·2	...	89·0	79·3	76·3	30·1	72	...	4·4	...	1·7	0	0	22	0	2	7	3	4	6	0	0	9
	1730	,,	1008·7	1006·3	...	82·3	77·7	75·6	30·5	80	...	4·0	...	0.2	0	0	2	0	0	0	0	0	1	1	0	29
am																										
librugarh	0830	348	1012·7	1000·4	−1·0	70·0	66·3	63·5	20·0	79	+3	5·0	+0·8	1·9	0	0	29	6	9	9	1	2	0	1	1	2
	1730	,,	1008·7	996·6	...	71·9	67·9	65·4	21·5	81	...	5·0	...	1·0	0	0	15	3	6	4	0	0	1	0	1	16
brugarh (Mohanbari Aerodrome)	0230	364	1010·6 (e)	997·7 (e)	...	64·9	63·6	62·5	19·2	93	...	6·0	...	1·7	0	0	11	1	6	1	1	1	1	0	0	20
	0530	,,	1011·5 (e)	998·8 (e)	...	64·0	62·8	61·9	19·2	93	...	6·4	...	1·0	0	0	10	1	6	2	0	0	0	0	1	21
	0830	,,	1013·5 (e)	1000·6 (e)	...	69·6	65·7	63·0	19·7	81	...	5·9	...	2·2	0	0	27	0	21	2	1	1	1	0	1	4
	1130	,,	1011·7 (e)	999·4 (e)	...	75·0	67·5	62·8	19·6	68	...	5·7	...	2·6	0	0	28	1	21	2	1	2	0	0	1	3
	1730	,,	1009·6 (f)	996·9 (f)	...	71·9	67·1	64·2	20·2	77	...	5·7	...	1·8	0	0	16	2	11	1	1	0	0	1	0	15
	2330	,,	1011·4 (f)	998·5 (f)	...	66·9	65·1	64·3	20·8	92	...	6·0	...	0·8	0	0	6	0	4	0	0	1	0	1	0	25
bsagar (R)	0830	317																								
(R)	1730	,,																								
zpur	0830	258	1012·6	1003·5	−0·8	70·9	67·3	65·0	21·3	82	+11	4·3	+1·8	2·3	0	0	31	3	12	16	0	0	0	0	0	0
	1730	,,	1007·9	999·0	...	77·3	70·5	66·7	22·1	71	...	3·9	...	0·8	0	0	11	2	7	2	0	0	0	0	0	20
zpur (P. B. O.)	0230	257	1009·8	1000·7	...	67·6	65·5	64·2	20·6	88	...	5·5	...	3·1	0	0	25	1	13	7	1	1	0	0	2	6
	0530	,,	1010·7	1001·6	...	66·5	65·1	64·2	20·4	93	...	4·6	...	2·4	0	0	25	4	14	6	0	0	1	0	0	6
	0830	,,	1012·7	1003·7	...	71·2	67·2	64·6	21·0	81	...	4·7	...	3·3	0	0	27	1	18	6	2	0	0	0	0	4
	1130	,,	1011·3	1002·3	...	77·0	69·3	64·5	21·2	68	...	4·0	...	4·3	0	0	29	1	16	9	1	0	2	0	0	2
	1730	,,	1008·1	999·2	...	75·6	69·2	65·4	21·4	72	...	4·1	...	2·3	0	0	22	0	9	9	2	0	2	0	0	9
	2330	,,	1010·4	1001·3	...	69·6	66·9	65·1	21·6	86	...	5·0	...	4·1	0	0	28	4	12	6	2	2	1	1	0	3
uhati	0830	182	1012·1	1005·7	−0·5	71·9	68·7	65·9	22·8	82	+12	5·1	+2·8	2·3	0	0	30	6	11	5	3	4	0	0	1	1
	1730	,,	1007·3	1001·0	...	77·5	70·5	66·3	24·1	69	...	4·3	...	1·7	0	0	24	0	8	5	4	1	5	1	0	7
uhati (Kaikuchi Aerodrome)	0230	162	1008·3	1002·6	...	67·5	66·4	65·5	21·7	94	...	3·0	...	3·6	0	2	20	1	15	3	0	2	1	0	0	9
	0530	,,	1009·4	1003·7	...	66·3	65·5	64·8	20·8	96	...	4·3	...	3·3	0	0	20	2	10	4	0	2	1	0	1	11
	0830	,,	1011·6	1005·9	...	72·5	68·5	66·0	22·0	81	...	4·0	...	4·5	0	0	27	2	13	7	0	1	1	2	1	4
	1130	,,	1010·4	1004·8	...	78·5	71·1	66·6	22·6	69	...	2·9	...	6·2	0	0	31	3	19	2	0	0	1	1	5	0
	1730	,,	1007·3	1001·7	...	77·2	70·7	67·1	22·7	72	...	3·2	...	3·6	0	0	25	2	17	0	0	0	3	2	1	6
	2330	,,	1009·6	1003·9	...	68·9	67·2	66·1	22·2	91	...	2·7	...	4·1	0	0	22	1	12	2	0	2	1	3	1	9
aubri	0830	115	1012·1	1008·1	−0·2	73·3	69·4	67·3	22·6	81	+15	4·5	+2·7	5·5	0	1	28	1	16	9	0	3	0	0	0	2
	1730	,,	1007·6	1003·6	...	77·4	71·6	68·5	23·6	74	...	3·0	...	4·2	0	1	24	2	5	13	0	4	1	0	0	6
lchar	0830	96	1012·8	1009·4	−0·6	74·2	69·7	67·1	22·8	79	+7	3·6	+0·9	1·2	0	0	18	2	7	6	1	1	1	0	0	13
	1730	,,	1008·0	1004·7	...	80·7	72·8	68·5	23·8	67	...	2·5	...	0·2	0	0	3	0	1	1	1	0	0	0	0	28
ira	0830	1,215	1011·3	969·5	...	73·3	67·9	64·3	20·7	75	...	3·6	...	3·4	0	1	21	1	2	0	11	1	1	2	4	9
	1730	,,	1007·7	966·5	...	79·3	70·8	66·3	21·9	65	...	2·5	...	5·3	0	1	28	1	0	2	10	4	8	1	3	2
umding	0830	488	1012·0	993·0	...	72·7	...	...	...	...	...	...	...	2 8	0	2	15	2	3	1	2	3	1	1	4	14
	1730	,,	1008·0	991·4	...	82·2	...	...	...	...	...	...	...	4·2	0	1	24	1	2	4	2	4	8	0	4	6
artala (R)	0230	52																								
	0530	,,	1009·1	1007·3	...	70 8	69·8	69·0	24·4	95	...	4·7	...	4 9	0	4	19	2	1	4	14	2	0	0	0	8
	0830	,,	1010·9	1009·1	...	77.7	73·3	71·0	25·9	80	...	4·3	...	10·4	0	0	25	0	1	1	6	13	2	1	1	6
	1130	,,	1010·0	1008·2	...	86·2	74·8	68·9	24·1	57	...	3·9	...	11·3	0	11	20	0	0	1	8	11	8	1	2	0
	1730	,,	1006·9	1005·9	...	83·0	74·5	70.1	25·3	66	...	2·4	...	9·5	0	0	26	1	1	1	6	15	0	0	2	5
(R)	2330	,,																								

(e) Mean of 26 days (f) Mean 25 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 s.p. km. level.	At station level.	Departure from normal.	Mean temperature in °F: Dry bulb.	Wet bulb.	Dew point.	Vapour pressure in mbs.	Relative humidity %.	Departure from normal.	Cloud amount (Oktas): Mean amount.	Departure from normal.	Mean wind speed, miles per hour.	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
Assam—*contd.*																										
Imphal	0830	2628 or 2686	903·0 or 901·5	924·6	...	71·2	64·6	61·0	18·2	71	...	3·5	...	5·0	0	2	26	0	1	8	9	0	4	4	2	3
	1130	,,	901·1 or 900·6	923·7	...	76·6	67·4	62·9	19·4	63	...	3·3	...	8·4	0	8	23	1	0	5	5	2	5	10	3	0
	1730	,,	899·1 or 898·0	920·7	...	75·5	66·0	61·0	17·9	62	...	2·5	...	8·0	0	2	28	0	1	1	0	0	9	19	0	1
West Bengal																										
Dum Dum	0230	33	1007·4	1006·3	...	76·9	74·5	73·1	27·9	88	...	2·0	...	6·1	0	1	27	0	0	1	4	15	6	1	1	3
	0530	,,	1008·0	1006·9	...	75·3	73·1	71·9	27·1	89	...	2·9	...	5·0	0	2	24	1	0	1	5	11	7	1	0	5
	0830	,,	1010·3	1009·1	...	81·4	75·5	72·7	27·3	75	...	3·1	...	7·2	0	0	28	0	0	0	2	16	7	1	2	3
	1130	,,	1009·6	1008·5	...	90·6	76·2	68·6	24·2	51	...	1·5	...	11·0	0	8	22	2	0	0	3	15	9	0	1	1
	1730	,,	1005·9	1004·8	...	88·2	75·7	69·8	24·7	56	...	1·0	...	10·9	0	0	30	1	1	0	7	15	5	0	1	1
	2330	,,	1008·7	1007·6	...	78·6	75·3	73·3	28·2	85	...	2·3	...	9·2	0	8	22	0	0	1	4	17	7	1	0	1
Calcutta	0830	21	1010·4	1009·7	−1·5	81·5	76·0	73·4	28·2	77	+1	2·4	+0·2	5·0	0	0	30	0	0	1	1	15	11	1	1	1
	1730	,,	1006·1	1005·4	...	88·3	76·2	69·6	25·5	56	...	0·7	...	4·4	0	0	27	0	0	0	6	15	6	0	0	4
Barrackpore	0530	23	1008·1	1007·3	...	75·1	72·9	72·0	26·9	90	...	2·5	...	4·2	0	0	28	0	1	3	3	16	3	2	0	3
	0830	,,	1010·0	1009·3	...	81·5	75·9	73·5	28·2	78	...	2·2	...	6·8	0	0	31	0	0	2	2	16	9	2	0	0
	1130	,,	1009·5	1008·8	...	91·6	76·6	70·0	24·5	51	...	1·3	...	7·7	0	2	29	0	0	0	3	17	7	1	3	0
	1730	,,	1005·8	1005·1	...	88·7	75·2	68·5	23·7	54	...	0·9	...	6·8	0	1	28	1	0	0	3	20	2	1	2	2
	2330	,,	1008·7	1007·9	...	78·8	75·1	73·8	28·4	85	...	1·4	...	6·7	0	1	29	0	0	0	5	23	1	1	0	1
Sauger Island	0830	10	1010·1	1009·8	−1·8	81·8	76·6	74·5	29·2	78	+5	3·0	0	18·4	0	6	25	1	0	1	0	13	16	0	0	0
	1730	,,	1006·7	1006·4	...	81·8	77·3	75·7	30·0	81	...	2·3	...	19·0	0	3	28	0	0	0	7	15	9	0	0	0
Sandheads	0530	32	1008·7	1007·6	...	79·4	76·5	75·2	29·7	87	...	3·5	...	12·2	0	12	19	0	0	0	0	3	26	2	0	0
	0830	,,	1010·9	1009·8	−1·5	80·7	77·0	75·4	30·3	84	+10	2·5	+0·3	10·9	0	9	22	0	0	0	0	6	24	1	0	0
	1130	,,	1010·5	1009·4	...	81·5	77·5	75·7	30·4	83	...	2·4	...	11·2	0	14	17	0	0	0	0	8	21	2	0	0
	1730	,,	1007·3	1006·2	...	81·0	77·3	75·5	30·6	84	...	2·1	...	13·6	0	15	16	0	0	0	1	11	19	0	0	0
	2330	,,	1009·2	1008·1	...	79·9	77·0	75·7	30·2	87	...	2·8	...	15·5	0	19	11	0	0	0	0	11	18	1	0	0
Midnapore	0830	149	1010·0	1004·8	−1·9	80·5	73·6	69·9	25·1	72	+13	1·6	−0·2	3·1	0	0	25	2	0	0	0	17	4	2	0	6
	1730	,,	1005·2	1000·2	...	92·8	74·4	63·7	20·6	40	...	0·5	...	3·1	0	0	23	2	1	0	3	15	2	0	0	8
Contai	0830	35	1010·0	1008·8	...	82·1	76·7	74·2	28·8	77	...	2·6	...	9·0	0	7	24	2	0	0	0	11	18	0	0	0
	1730	,,	1006·2	1005·0	...	82·3	77·9	75·8	30·5	81	...	1·7	...	11·9	0	12	19	0	0	0	1	28	2	0	0	0
Burdwan	0830	106	1010·0	1006·3	−1·8	80·0	73·9	70·7	26·0	74	+11	1·3	−1·0	2·3	0	0	23	0	0	0	6	0	17	0	0	8
	1730	,,	1035·2	1001·6	...	95·2	73·5	60·9	18·6	34	...	0·6	...	1·5	0	0	14	1	0	3	2	2	3	1	2	17
Krishnagar	0830	40	1010·3	1008·6	−1·5	79·9	75·0	72·9	27·3	79	+16	2·7	+0·3	4·3	0	0	31	1	1	0	2	24	0	3	0	0
	1730	,,	1006·0	1004·6	...	91·8	76·9	69·8	25·7	49	...	2·0	...	2·6	0	0	22	3	1	0	2	14	0	1	1	9
Asansol	0230	414	1006·9	992·7	...	75·8	66·6	59·2	18·4	61	...	0·8	...	2·2	0	0	19	1	1	2	6	2	0	3	4	12
	0530	,,	1007·7	993·3	...	72·6	65·5	59·7	18·4	68	...	1·7	...	2·3	0	0	21	2	0	1	5	2	0	3	8	10
	0830	,,	1009·8	995·6	−1·6	81·1	68·9	59·6	18·9	54	+8	2·2	+0·4	4·0	0	0	27	0	2	5	4	2	1	7	6	4
	1130	,,	1008·7	994·8	...	92·8	71·0	53·5	15·7	34	...	0·6	...	5·3	0	1	30	3	0	7	4	3	1	6	7	6
	1730	,,	1004·6	990·8	...	94·9	69·2	48·2	13·0	24	...	0·3	...	2·8	0	0	19	0	0	4	0	*1	0	5	9	12
	2330	,,	1007·8	993·6	...	79·7	66·7	56·4	16·5	50	...	0	...	3·1	0	0	23	1	1	2	9	2	0	2	6	4
Berhampore	0830	62	1009·8	1007·6	−2·2	77·5	71·7	68·5	23·7	74	+14	3·2	+1·0	4·7	0	1	28	1	1	3	4	13	6	1	0	1
	1730	,,	1005·1	1003·0	...	91·9	73·3	62·2	19·7	40	...	1·3	...	2·1	0	0	20	0	1	7	2	5	1	4	0	10
Malda	0830	103	1010·3	1006·6	−1·3	78·0	72·3	69·2	24·8	76	+27	2·4	+1·3	5·9	0	1	28	3	6	4	3	6	6	0	1	1
	1730	,,	1005·8	1002·2	...	87·7	74·1	66·7	22·7	52	...	0·9	...	5·1	0	1	28	4	9	5	2	1	0	1	7	1
Cooch Behar	0830	145	1009·6	1006·1	...	74·2	68·6	65·4	21·5	74	...	(g) 4·0	...	(h) 1·8	0	0	22	0	0	16	2	1	2	1	0	
	1730	,,	1005·5	1001·9	...	81·0	71·7	66·5	22·1	64	...	(g) 2·0	...	(j) 1·2	0	0	11	0	0	4	3	3	0	1	0	1
Jalpaiguri	0830	271	1011·6	1002·0	−0·5	71·4	66·9	63·8	23·8	78	+8	5·1	+3·6	6·8	0	2	28	4	7	18	0	0	0	1	0	
	1730	,,	1006·8	997·5	...	81·7	70·7	64·0	20·7	57	...	2·2	...	3·8	0	0	28	1	3	17	2	0	1	3	1	
Jalpaiguri (P. B. O.)	0530	271	1009·3	999·6	...	67·6	65·2	63·6	20·0	87	...	4·4	...	2·4	0	1	19	8	6	4	1	0	1	0	0	1
	1130	,,	1010·6	1001·2	...	79·8	70·2	64·5	20·9	61	...	3·6	...	7·0	0	3	26	0	3	21	3	1	1	0	0	
	2330	,,	1009·3	999·7	...	70·6	67·2	65·1	21·1	85	...	2·5	...	2·3	0	0	18	5	6	5	2	0	0	0	0	1
Bagdogra	0530	416	1008·9	994·1	...	67·2	65·0	63·7	20·3	89	...	4·5	...	3·2	0	0	14	2	8	4	0	0	0	0	0	1
	0830	,,	1011·1	996·6	...	75·0	68·0	63·9	20·2	69	...	3·8	...	8·3	0	1	28	1	8	18	2	0	0	0	0	
	1130	,,	1010·2	995·8	...	81·7	70·6	64·3	20·7	57	...	3·2	...	9·4	0	5	25	0	5	16	8	1	0	0	0	
	1730	,,	1006·2	991·9	...	80·9	70·6	74·6	20·6	59	...	3·1	...	3·9	0	0	20	1	5	7	6	0	0	0	1	1
Orissa																										
Balasore	0830	65	1010·5	1008·3	−1·5	81·4	74·4	70·8	25·9	72	+5	2·0	+0·1	9·2	0	5	18	2	1	0	2	8	10	0	0	
	1730	,,	1006·0	1003·7	...	85·9	76·5	72·5	26·8	66	...	1·7	...	9·5	0	5	19	0	0	0	10	13	1	0	0	
Chandbali	0830	20	1011·9	1011·2	−0·1	82·2	76·3	73·4	28·1	76	0	1·3	−1·3	3·0	0	0	31	0	0	0	4	1	23	2	1	
	1730	,,	1007·2	1006·5	...	86·1	76·7	71·8	27·0	63	...	0·7	...	5·2	0	0	31	0	0	3	24	0	4	0	0	

(g) Mean of 24 days. (h) Mean of 23 days. (j) Mean of 21 days. * Observation for 24 day

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, miles per hour.	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
ıa—*contd.*																										
ri	0830	20	1011·2	1010·5	−1·0	81·8	77·5	75·6	30·0	82	+5	3·5	+1·2	17·7	0	24	7	0	0	0	0	4	26	1	0	0
	1730	,,	1007·4	1006·7	...	81·7	77·0	74·8	29·9	80	...	2·8	...	18·3	0	26	5	0	0	0	1	20	10	0	0	0
ıbaneswar	0530	150	1008·7	1003·4	...	76·6	74·7	73·9	28·3	91	...	3·3	..	7·9	0	8	20	0	0	0	1	1	24	2	0	3
	0830	,,	1010·7	1005·5	...	81·8	75·8	73·1	27·7	75	...	2·7	...	14·8	0	17	12	0	1	0	0	3	23	2	0	2
	1130	,,	1009·8	1004·6	...	91·9	77·0	69·8	24·8	49	...	0·5	...	12·8	0	12	19	1	1	0	0	3	24	2	0	0
	1730	,,	1007·1	1001·9	...	87·7	77·2	72·0	27·1	61	...	1·4	...	15·7	0	17	14	0	0	1	0	9	21	0	0	0
	2330	,,	1009·1	1003·8	...	78·7	75·3	73·9	28·3	85	...	1·5	...	12·1	0	17	14	0	0	1	0	3	26	1	0	0
ıtack	0830	87	1010·3	1007·3	−2·0	80·2	74·9	72·4	26·9	77	+4	1·8	−0·7	3·3	0	0	18	0	0	0	0	3	15	0	0	13
	1730	,,	1005·8	1002·8	...	92·2	76·6	68·6	24·3	47	...	1·0	...	6·4	0	0	28	0	0	0	0	10	18	0	0	3
ıttack (P. B. O.) . .	0230	87	1007·5	1004·6	...	78·3	75·8	74·5	29·3	89	...	2·9	...	3·7	0	1	23	0	0	1	1	16	6	0	0	7
	0530	,,	1008·5	1005·5	...	77·0	74·9	73·9	28·7	91	...	4·2	...	2·5	0	0	23	1	0	0	1	13	7	0	1	8
	0830	,,	1010·8	1007·9	...	82·1	77·6	75·8	30·3	82	...	3·3	...	5·5	0	0	25	0	1	0	0	14	10	0	0	6
	1130	,,	1009·8	1007·0	...	92·0	81·0	77·1	31·1	62	...	0·3	...	4·4	0	0	30	0	2	1	3	10	11	3	0	1
	1730	,,	1006·1	1003·3	...	88·7	79·8	75·7	30·6	68	...	0·8	...	5·6	0	0	31	0	1	0	6	19	3	0	0	0
	2330	,,	1009·2	1006·3	...	80·2	76·8	75·3	29·8	85	...	1·8	...	3·9	0	0	27	0	0	0	2	16	9	0	0	4
ɔalpur	0530	56	1008·6	1006·7	...	76·0	74·5	73·7	28·5	93	...	1·5	...	10·1	0	11	17	1	0	0	0	4	21	2	0	3
	0830	,,	1010·9	1009·0	−1·1	79·8	76·2	74·5	30·4	84	+10	1·2	+0·2	9·0	0	10	20	1	0	0	0	6	22	1	0	1
	1130	,,	1010·3	1008·4	...	84·7	78·7	76·2	30·8	76	...	0·4	...	12.4	0	14	17	0	0	0	1	11	19	0	0	0
	1730	,,	1007·0	1005·1	...	80·7	78·0	76·7	31·9	88	...	0·8	...	15·2	0	18	13	0	0	0	0	9	22	0	0	0
	2330	,,	1009·4	1007·5	...	78·4	76·6	75·8	30·1	92	...	0·6	...	13·9	0	18	13	0	0	0	0	5	25	1	0	0
raput	0830	2,996	902·7	911·8	...	76·8	65·7	59·0	16·7	54	..	0·4	...	3·5	0	0	31	4	0	0	0	16	10	1	0	0
	1730	,,	899·0	908·1	...	88·7	69·9	59·1	16·2	39	..	1·2	...	4·9	0	0	31	14	2	0	1	1	1	5	7	0
gul	0830	455	1011·0	995·3	−1·1	77·9	69·7	64·0	21·3	66	+6	1·0	−1·3	2·0	0	0	24	3	5	2	2	2	2	5	3	7
	1730	,,	1005·2	990·2	...	98·9	68·2	41·8	9·9	16	...	0·5	...	3·9	0	0	29	7	1	1	3	0	1	11	5	2
nbalpur	0830	486	1009·5	992·7	−2·7	78·9	67·8	60·2	18·3	55	+4	0·2	−1·2	1·6	0	0	21	3	5	5	3	2	3	1	1	10
	1730	,,	1004·6	998·8	...	98·6	75·0	61·4	19·1	30	...	0·6	...	3·0	0	0	28	2	1	0	1	5	6	6	7	3
ırsuguda.	0230	726	1006·9	981·7	...	73·5	59·3	47·9	11·1	42	...	0·1	...	1·0	0	0	11	3	6	0	1	0	0	1	0	20
	0530	,,	1007·9	982·5	...	69·8	58·5	49·7	11·5	50	...	0·1	...	0·7	0	0	8	4	4	0	0	0	0	0	0	23
	0830	,,	1009·9	985·0	...	82·3	63·9	51·3	12·5	36	...	0·2	...	1·7	0	0	18	6	6	1	2	2	1	0	0	13
	1130	,,	1008·7	984·4	...	94·0	66·1	46·5	9·2	21	...	0·1	...	3·1	0	0	23	4	1	1	2	5	5	3	2	8
	1730	,,	1004·9	980·6	...	95·2	64·5	41·0	7·1	16	...	0·3	...	1·7	0	0	18	0	2	0	0	2	3	7	4	13
	2330	,,	1007·5	982·5	..	78·6	60·3	46·1	9·5	33	...	0	...	0·1	0	0	2	1	1	0	0	0	0	0	0	29
ilagarh	0830	691	1010·5	986·9	...	80·1	65·8	56·1	15·0	44	...	0·2	...	1·4	0	0	20	3	1	0	5	7	3	0	1	11
	1730	,,	1004·9	981·8	...	99·3	69·9	48·2	11·5	20	...	1·3	...	0·5	0	0	6	1	1	0	0	1	1	1	1	25
a Nagpur																										
rulia	0830	835	1009·9	981·5	...	81·4	66·6	54·2	15·4	46	...	1·1	...	2·3	0	0	31	0	1	1	6	3	2	1	17	0
	1730	,,	1004·2	976·8	...	95·3	67·4	42·8	10·2	19	...	0·6	...	3·2	0	0	27	2	5	1	1	2	1	4	11	4
nshedpur	0830	423	1010·0	995·5	−1·7	81·1	67·4	57·1	17·0	47	−5	0·6	−1·2	3·4	0	1	23	0	1	3	1	0	1	9	9	7
	1730	..	1004·2	990·2	...	98·2	68·0	41·6	9·5	16	...	0·3	...	5·0	0	0	27	5	1	2	0	0	4	8	7	4
mshedpur (P. B. O.) .	0530	477	1008·4	991·8	...	73·1	64·7	59·6	17·6	65	...	0·6	...	0·5	0	0	6	0	0	2	0	0	2	1	1	25
	0830	,,	1010·2	993·9	...	83·2	69·8	62·5	18·7	53	...	0·5	...	2·7	0	0	23	2	2	3	0	0	5	8	3	8
	1130	,,	1008·7	992·8	...	94·0	70·6	57·4	14·8	33	...	0·2	...	5·3	0	0	30	1	3	3	1	4	6	8	4	1
	1730	,,	1004·5	988·7	...	96·6	68·3	50·3	10·6	23	...	0·2	...	3·9	0	0	22	1	4	1	0	1	3	7	5	9
	2330	,,	1007·9	991·6	...	81·7	66·9	57·6	15·6	48	...	0	...	3·2	0	0	21	0	5	9	1	0	3	3	0	10
aibasa	0830	742	1010·1	984·7	−1.5	80·8	66·4	56·1	15·5	48	−10	2·3	+0·6	0·8	0	0	11	0	2	0	1	0	6	1	1	20
	1730	,,	1004·0	979·6	...	97·7	67·5	41·9	9·6	16	...	1·3	...	1·5	0	0	19	0	0	0	0	0	12	3	4	12
nchi	0830	2,150	900·3	937·8	−1·1	80·8	63·2	49·4	12·8	33	−6	0·2	−1·4	0·5	0	0	7	0	0	1	1	2	1	0	2	24
	1730	,,	897·5	934·5	...	89·6	64·2	44·4	10·1	22	...	0	...	0·3	0	0	4	0	0	0	0	2	1	1	0	27
zaribagh . . .	0830	2,006	899·7	942·3	−1·1	79·8	61·4	45·3	11·1	35	−1	0·3	−1·4	4·4	0	0	28	2	0	0	2	8	6	3	7	3
	1730	,,	897·1	938·8	...	89·5	62·3	37·8	12·9	18	...	0·8	...	7·2	0	2	28	7	1	0	0	0	0	0	22	1
zaribagh (C. W.)	0530	2,008	896·6	940·2	...	66·7	57·0	48·3	12·1	56	...	0·3	.	1·0	0	0	10	0	1	1	0	0	2	3	3	21
	0830	,,	899·8	942·3	...	81·3	63·6	49·9	13·1	37	...	0·2	...	3·9	0	0	25	1	0	1	1	7	3	9	3	6
	1130	,,	900·1	941·8	...	90·8	65·7	46·7	10·4	24	...	0·2	...	6·3	0	1	28	1	1	0	0	4	6	11	6	2
	1730	,,	897·0	938·8	...	87·4	64·0	46·2	10·8	25	...	0·4	...	3·3	0	0	27	5	0	0	0	0	0	10	12	4
	2330	,,	897·9	941·0	...	72·3	59·2	48·0	11·0	45	...	0·3	...	1·7	0	1	10	3	3	1	0	0	0	2	2	20
longanj	0830	725	1010·0	985·4	−1·8	80·8	64·6	51·2	13·7	39	−15	0·1	−1·1	1·5	0	0	20	2	1	3	4	0	0	5	5	11
	1730	,,	1004·9	980 8	...	94·4	69·9	49·2	13·8	26	...	0·7	...	3·7	0	0	31	1	0	0	1	0	0	7	22	0

TABLE III—SUMMARY OF OBSERVATIONS AT FIXED HOURS—MARCH 1953.

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, miles per hour.	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	Ca
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	1010·4	1006·1	−1·2	75·6	69·1	65·4	21·4	73	+13	2·2	+0·8	2·8	0	0	29	2	5	18	1	0	0	3	0	
	1730	,,	1006·4	1002·1	...	83·8	72·7	65·7	22·5	58	...	0·7	...	0·8	0	0	11	1	1	6	0	0	0	3	0	2
Forbesganj	0830	199	...	1002·5	...	...	...	...	...	...	...	1·7	...	8·2	0	0	31	0	0	28	0	0	0	3	0	
	1730	,,	...	998·5	...	...	...	...	...	...	...	1·3	...	5·2	0	0	31	0	0	19	0	0	0	12	0	
Darbhanga	0830	161	1010·4	1004·6	−1·3	74·1	68·5	64·7	21·4	75	+21	0·9	−0·4	3·6	0	0	30	1	3	22	1	0	0	2	1	
	1730	,,	1005·6	1000·0	...	87·9	73·8	65·8	22·2	50	...	0·7	...	1·2	0	0	14	0	1	2	3	0	0	6	2	1
Motihari (R)	0830	218																								
(R)	1730	,,																								
Patna	0830	173	1009·7	1003·7	−1·9	79·4	66·6	56·5	16·3	50	+4	0·3	−1·1	4·6	0	0	30	0	13	3	1	1	5	3	4	
	1730	,,	1005·3	999·4	...	92·0	68·8	50·0	13·8	29	...	0·4	...	3·0	0	0	27	3	8	0	0	0	1	13	2	
Patna (Aerodrome)	0530	196	1007·0	1000·1	...	69·8	62·8	57·1	16·4	67	...	0·2	...	3·3	0	1	24	0	1	13	2	0	4	5	0	
	0830	,,	1009·2	1002·4	...	78·5	66·5	56·9	16·8	52	...	0·2	...	6·5	0	0	30	0	2	10	5	0	2	9	2	
	1130	,,	1008·7	1002·1	...	90·5	69·8	55·2	15·8	35	...	0·2	...	7·9	0	3	28	1	2	8	4	1	1	9	5	
	1730	,,	1004·8	998·2	...	92·9	68·5	48·5	12·6	26	...	0·4	...	7·3	0	4	25	2	3	5	0	0	0	7	12	
Dehri	0830	352	1009·4	997·3	..	79·5	64·5	52·3	13·9	43	...	0	...	3·0	0	0	31	0	1	1	4	3	17	1	4	
	1730	,,	1004·8	993·0	...	94·9	69·2	48·2	13·0	22	...	0·5	...	2·7	0	0	31	5	5	0	0	0	0	1	20	
Gaya	0230	373	1006·6	993·6	...	72·1	59·8	47·5	11·9	47	...	0	...	3·7	0	1	24	0	3	2	3	4	10	3	0	
	0530	,,	1007·2	994·0	...	68·7	58·4	48·0	11·9	52	...	0·1	...	3·6	0	1	23	0	1	2	5	9	7	0	0	
	0830	,,	1009·4	996·7	−2·0	82·4	63·6	45·0	11·4	34	+1	0·3	−1·1	4·8	0	1	28	1	1	1	5	3	15	3	0	
	1130	,,	1008·4	995·9	...	94·1	66·7	39·9	9·9	19	...	0·1	...	8·7	0	7	22	2	1	4	2	0	2	13	5	
	1730	,,	1004·8	992·2	...	95·0	65·9	36·8	8·7	17	...	0·5	...	7·0	0	3	28	7	2	0	0	0	0	9	13	
	2330	,,	1007·7	994·7	...	76·5	61·2	45·8	12·4	38	...	0·3	...	4·8	0	3	21	1	4	2	2	3	5	7	0	
Jamui	0830	270	1009·7	1000·4	...	81·5	70·2	62·6	19·9	57	...	0·2	...	3·2	0	0	29	0	1	12	8	0	0	0	8	
	1730	,,	1005·3	996·1	...	92·8	74·5	64·9	20·6	42	...	1·3	...	3·7	0	0	27	2	2	3	2	0	0	2	16	
Dumka (R)	0830	489																								
(R)	1730	,,																								
Sabour	0830	122	1009·9	1005·6	−1·3	77·6	69·0	62·7	20·3	62	+12	0·8	−1·0	4·6	0	0	30	1	7	10	2	1	2	6	1	
	1730	,,	1005·2	1001·0	...	89·7	71·1	58·7	17·6	39	...	0·4	...	4·5	0	1	26	2	3	4	2	0	0	1	15	
Bhagalpur	0530	189	1008·8	1002·0	...	71·4	66·1	62·3	19·3	76	...	0·7	...	2·8	0	0	22	0	0	16	1	3	0	2	0	
	0830	,,	1011·2	1004·5	...	79·8	70·4	64·9	21·0	63	...	0·7	...	3·4	0	0	22	0	3	12	3	1	1	2	0	
	1130	,,	1010·8	1004·2	...	89·4	73·4	63·7	20·9	46	...	0·9	...	3·7	0	0	24	2	3	10	1	1	0	4	3	
	1730	,,	1008·6	999·9	...	89·1	72·2	61·8	19·2	43	...	0·3	...	4·2	0	1	25	1	1	7	1	0	0	8	8	
	2330	,,	1009·5	1002·7	...	77·6	69·5	64·4	20·4	66	...	0·2	...	3·6	0	1	21	0	3	12	3	0	2	2	0	
U. P., East																										
Gonda	0830	360	1010·0	997·4	...	75·1	63·2	52·8	14·9	52	+4	0·6	−0·8	3·3	0	0	29	0	0	15	0	0	0	9	5	
	1730	,,	1005·9	995·8	...	90·7	67·3	48·2	12·3	30	...	0·5	...	1·9	0	0	18	0	1	2	0	0	0	4	11	
Gorakhpur	0830	254	1009·5	1000·7	−1·7	77·3	66·9	58·8	17·4	61	+9	0·3	−0·8	1·5	0	0	27	1	1	14	2	0	0	9	0	
	1730	,,	1004·9	996·0	...	88·6	70·3	55·7	17·4	35	...	0·6	...	1·6	0	0	30	6	2	3	0	1	0	16	2	
Gorakhpur (P.B. O.)	0230	257	1006·7	997·7	...	72·1	62·9	54·7	15·3	61	...	0·5	...	3·5	0	0	17	4	3	1	0	0	3	4	2	
	0530	,,	1007·1	998·1	...	68·7	61·8	55·4	15·8	68	...	0·6	...	2·4	0	0	18	1	7	1	0	0	2	6	1	
	1130	,,	1009·1	1000·4	...	88·5	68·9	53·2	15·4	35	...	0·4	...	5·3	0	2	27	2	4	4	3	6	2	4	4	
	2330	,,	1007·7	998·7	...	75·7	64·5	54·5	15·8	55	...	0·1	...	3·5	0	0	21	1	5	2	0	0	6	6	1	
Azamgarh	0830	255	1008·9	1000·3	...	78·1	65·3	59·7	15·6	50	...	0	...	1·4	0	0	17	0	1	7	1	0	3	4	1	
	1730	,,	1004·5	996·5	...	88·4	70·4	51·0	17·4	29	...	0	...	2·6	0	0	22	0	0	2	1	1	6	12	0	
Banaras	0830	250	1009·4	1000·7	−2·3	78·5	63·1	49·4	12·7	40	−8	0	−1·4	5·0	0	0	30	0	1	7	1	2	10	9	0	
	1730	,,	1005·1	996·8	...	96·4	66·7	40·1	9·0	16	...	0·6	...	6·8	0	1	30	4	1	0	0	0	1	17	8	
Banaras (Babatpur Aerodrome)	0530	280	1007·3	997·5	...	68·1	53·4	48·7	7·5	53	...	0·5	...	4·0	0	0	28	1	2	5	0	1	10	9	0	
	0830	,,	1009·6	999·9	...	80·8	63·7	48·5	12·7	37	...	0·1	...	6·4	0	1	30	0	0	6	2	1	5	16	1	
	1130	,,	1009·4	999·9	...	93·3	66·9	43·5	10·3	20	...	0·1	...	7·6	0	6	24	0	0	4	0	3	2	18	3	
	1730	,,	1005·3	995·9	...	95·1	66·5	41·4	9·3	17	...	0·7	...	8·7	0	6	24	1	5	0	0	0	2	15	7	
	2330	,,	1008·0	998·2	...	75·9	60·4	43·9	11·0	41	...	0·4	...	3·4	0	0	21	0	4	1	1	2	4	4	5	
Allahabad (Bamrauli)	0230	322	1007·0	996 1	...	72·2	60·2	49·4	12·3	47	...	0·2	...	4·5	0	0	29	2	2	4	2	2	9	6	2	
	0530	,,	1007·5	996·0	...	69·0	58·7	48·5	12·4	51	...	0·1	...	4·0	0	0	27	1	4	4	1	0	8	8	1	
	0830	,,	1009·6	998·5	−2·1	78·6	62·5	48·0	12·5	37	−7	0·1	−1·5	6·1	0	0	29	1	2	3	3	1	5	11	3	
	1130	,,	1009 5	998·6	...	93·3	67·4	45·9	11·1	22	...	0·4	...	8·4	0	6	22	1	0	2	2	1	3	11	8	
	1730	,,	1005·4	994·6	...	95·5	66·8	41·9	9·0	17	...	0·8	...	8·8	0	5	26	5	1	1	0	0	0	8	16	
	2330	,,	1008 0	996·8	...	76·6	61·8	49·2	12·2	40	...	0·2	...	3 2	0	1	24	1	3	1	2	2	4	7	5	
Fatehpur	0830	375	1009·8	996·9	...	78·1	62·8	49·6	12·9	38	−14	0·2	−1·1	2·0	0	0	23	0	1	4	1	1	3	9	4	
	1730	,,	1005·1	993·1	...	95 3	68·2	45·3	11·2	20	...	0·4	...	2·4	0	0	18	0	0	1	0	0	0	4	13	

(R) Register not received.

ision 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, miles per hour.	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
I	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
, East—*contd.*																										
da	0830	398	1010·3	996·5	...	77·9	61·0	45·4	10·7	33	...	0·1	...	1·3	0	0	13	0	0	3	0	0	1	8	1	18
	1730	,,	1005·9	992·6	...	97·2	67·3	41·5	9·4	16	...	0·4	...	3·4	0	0	26	0	0	0	0	0	1	22	3	5
i	0830	463	1010·1	994·1	...	76·6	59·2	41·6	14·1	31	...	0·4	...	4·1	0	0	28	4	1	0	4	0	5	7	7	3
	1730	,,	1006·3	991·8	...	95·7	64·4	32·4	6·5	11	...	0·8	...	5·8	0	0	31	6	1	1	2	0	1	5	15	9
ipur	0830	414	1009·9	995·4	−1·8	76·2	62·6	51·3	13·2	44	−1	0·2	−0·6	5·4	0	0	30	1	2	4	3	0	6	11	3	1
	1730	,,	1005·6	992·2	...	94·1	67·7	45·0	11·0	21	...	0 9	...	7·6	0	3	28	2	2	0	0	0	0	18	9	0
cknow	0830	371	1010·2	997·0	−1·6	75·4	64·1	55·1	15·4	51	+3	0·3	−1·4	1·7	0	0	28	1	0	2	6	0	2	15	2	3
	1730	,,	1006·2	994·3	...	90·4	68·5	56·9	13·9	33	..	0·6	...	2·2	0	0	25	6	1	1	0	1	0	9	7	6
cknow (Amausi Aerodrome)	0530	419	1007·5	992·7	...	64·4	57·6	50·6	12·7	66	...	0·1	...	2·4	0	0	18	0	1	4	0	0	4	3	6	13
	0830	,,	1009·5	995·2	...	76·4	63·2	52·1	13·5	46	...	0·3	...	5·9	0	1	28	1	1	3	4	2	3	6	9	2
	1130	,,	1009·3	997·2	...	90 6	68·5	50·7	14·3	29	...	0·8	...	8·1	0	3	25	1	1	1	3	1	4	7	10	3
	1730	,,	1006·1	991·4	...	92·5	68·2	59·2	13·1	25	...	0·7	...	7·2	0	3	26	1	0	2	1	0	2	5	18	2
rdoi	0830	467	1009·3	997·4	...	71·6	60·9	50 0	13·5	45	...	0·1	...	2·2	0	0	29	2	1	4	3	1	2	10	6	2
	1730	,,	1005·1	989 6	...	92·8	67·6	46·7	11·7	24	...	0·4	...	2·9	0	0	28	2	1	1	2	1	2	11	8	3
chimpur Kheri	0830	483	1009·7	992·9	...	74·1	62·5	52·8	14·1	50	...	1·1	...	2·9	0	0	28	0	1	9	2	0	2	11	3	3
	1730	,,	1005·5	989·2	...	90·0	67·8	51·9	13·2	30	...	1·2	...	1·8	0	0	18	0	1	1	2	0	0	13	1	13
raich	0830	407	1009·8	995 6	−1·2	76 9	63·9	52·9	14·5	45	−11	0·5	−0·7	2·8	0	0	30	0	1	7	8	0	2	7	5	1
	1730	,,	1005·4	992·1	...	91·1	68·3	49·3	13·3	28	...	0·7	...	1·9	0	0	23	0	0	2	2	0	5	8	6	8
, West																										
nsi	0830	823	1010 9	982·4	−1·6	80·7	59·8	38 0	8·3	23	−14	0·2	−0·9	2·6	0	0	17	4	0	0	0	0	0	11	2	14
	1730	,,	1005·1	978·5	...	96·3	64·5	32·6	6·4	11	...	0·5	...	1·2	0	0	10	0	0	0	0	0	0	5	5	21
ra	0830	553	1010·4	990 5	−2·3	70·2	58·6	46·5	11·6	48	+5	0·5	−1·2	0·1	0	0	1	0	0	1	0	0	0	0	0	30
	1730	,,	1006·1	987·5	...	94·2	65·7	37·4	8·7	16	...	1·8	...	1·2	0	0	14	0	1	0	0	0	3	9	1	17
inpuri	0830	516	1010·1	992·2	−1·7	74·3	57·6	48·7	8 8	43	−5	1·8	+0·2	1·4	0	0	19	0	0	1	2	0	4	8	4	12
	1730	,,	1006·1	988·8	...	93·2	66·3	43·4	10 0	19	...	1·9	...	1·9	0	0	22	0	1	1	0	0	4	10	6	9
garh	0530	615	1008·3	986·6	...	65 6	57·2	49·4	12·2	57	...	1·2	...	1·7	0	0	14	0	1	2	0	0	3	7	1	17
	0830	,,	1010·1	988 7	...	72·5	61·1	51·5	14·4	49	+2	1·1	−0·3	1·7	0	0	17	0	0	2	0	0	3	10	2	14
	1130	,,	1010·4	989·2	...	90·6	67·8	51 1	12·9	28	...	1·5	...	7·7	0	6	22	1	0	2	3	1	3	16	2	3
	1730	,,	1006·1	985 5	...	92 6	68·3	50 5	12·6	25	...	1·4	...	3·5	0	0	22	0	0	1	0	0	4	15	2	9
	2330	,,	1009·6	988 2	...	72·8	61·6	52·4	13·7	50	...	0·5	...	1·3	0	0	11	0	1	2	0	0	1	6	1	20
eilly	0830	568	1009·4	989·8	−1·7	73 1	61·6	49·8	12·7	44	−16	2·0	+0·2	3·0	0	0	25	1	1	7	1	0	2	8	5	6
	1730	,,	1005·4	986·3	...	90·8	66 1	46·2	10 7	23	...	1·9	...	2·2	0	0	19	5	0	1	0	1	0	9	3	12
eilly (P. B. O.)	0230	565	1007·0	987·3	...	72·6	63·9	58·2	16·5	63	...	0·2	...	2·8	0	0	22	1	2	6	1	0	1	2	9	9
	0530	,,	1007·5	987·6	...	68·7	62·1	57·6	16·1	69	...	1·4	...	2·5	0	0	21	0	0	5	0	1	1	8	6	10
	1130	,,	1009 2	990 0	...	88·3	65·6	46·6	11·3	27	...	1·1	...	5·5	0	0	29	0	3	5	2	0	1	10	8	2
	2330	,,	1007·9	988·4	...	76·5	65·3	58·5	16 3	55	...	0·3	...	3·2	0	0	22	2	5	4	0	0	0	6	6	8
erut	0830	728	1010·3	984 8	−1·4	74·4	61·4	46·3	12·7	44	−13	0·9	−1·5	1·8	0	0	24	0	1	6	0	0	2	8	7	7
ibabad	0830	885	1009·8	979·0	...	71·2	59 5	48·5	12·0	45	...	1·0	...	2·8	0	0	26	1	2	0	11	0	2	0	10	5
	1730	,,	1006·8	977·2	...	87·5	65·1	44·5	10·9	25	...	1·5	...	3 2	0	0	31	0	0	0	5	0	5	1	20	0
orkee	0830	899	1009·8	978·6	−1·7	70·7	59·5	49·7	12 3	49	−12	1·7	−0·2	1·3	0	0	20	0	0	0	8	1	1	0	10	11
	1730	,,	1005·4	975·3	...	87·8	64 8	43·9	10·6	24	...	2·8	...	1·4	0	0	22	0	0	0	5	0	0	0	17	9
hra Dun	0530	2,239	896·8	932·3	...	62·7	54·3	46 5	10·4	57	...	2·1	...	1·7	0	0	20	10	6	1	0	0	1	1	1	11
	0830	,,	899·1	934·2	−0·6	69 8	57·8	47·8	11·1	47	−11	1·5	−1·3	1·7	0	0	22	1	4	0	1	1	5	8	2	9
	1130	,,	900 6	934 9	...	81 1	61·3	44·9	11·9	29	...	2·5	...	2·5	0	0	28	0	0	0	4	10	11	3	0	3
	1730	,,	897·6	932·3	...	81·5	62 2	46·4	9·5	30	...	2·1	...	2·3	0	0	25	1	1	0	3	2	7	9	2	6
	2330	,,	898 5	933·6	..	68 5	56·7	46·1	8 4	47	...	1·3	...	3·0	0	0	28	11	15	0	0	0	0	1	1	3
jab (I)																										
w Delhi	0230	710	1008·1	984·9	...	69·5	57·8	46·5	11·3	46	...	0·5	...	0	0	0	15	1	0	2	1	1	1	2	7	16
	0530	,,	1008 1	983·2	...	67·1	55·9	44·0	10 4	46	...	0·7	...	3·2	0	0	20	1	0	3	1	0	2	9	4	11
	0830	,,	1009 9	985 2	−1·9	72·9	58·7	44·5	10 6	39	−13	1·1	−0·7	5·8	0	3	24	0	0	2	3	1	5	9	7	4
	1130	,,	1003·7	985 6	...	87·9	65·0	44·8	10·0	23	...	1·9	...	9·2	0	5	25	1	2	1	7	1	4	6	8	1
	1730	,,	1005 9	982·1	...	91·9	64 6	39 7	8·6	18	...	1·5	...	7·9	0	3	27	4	1	2	2	0	3	6	12	1
	2330	,,	1008·7	984·1	...	73·7	59 8	46·1	11 4	40	...	0·5	...	2 7	0	0	14	1	0	3	0	0	0	3	7	17
aar	0830	725	1010·1	984·0	−2·8	69 9	57 9	46 3	11·1	45	−6	1·1	−0.6	2·9	0	0	24	1	0	0	3	10	7	2	1	7
	1730	,,	1005·9	981 3	...	86·8	66 7	45·3	13·6	22	...	1·9	...	3·9	0	0	25	1	2	1	0	2	7	10	2	6
rnal	0830	818	1009·8	981·1	...	67·4	57·8	48·2	12·0	53	...	1·2	...	0	0	0	0	0	0	0	0	0	0	0	0	31
	1730	,,	1006·1	978 5	..	88·7	63·6	39·0	8·8	21	...	2·3	...	0·2	0	0	3	0	0	0	0	0	2	0	1	28
bala	0830	892	1009·2	978·0	−2·4	69·2	58·7	49 0	12·6	48	−6	2·3	0	2·1	0	0	25	3	3	6	7	1	2	0	3	6
	1730	,,	1006·4	975·9	...	88·6	64 7	44·1	10·9	23	...	1·0	...	2 3	0	0	24	1	2	0	3	0	8	1	9	7

Table III—Summary of Observations at Fixed Hours—March 1953.

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 miles per hour.	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
Punjab (I)—*contd.*																										
Ambala (P. B. O.)	0230	906	1007·7	976·3	...	71·4	63·4	57·5	16·4	64	...	1·3	...	5·0	0	1	25	4	0	6	3	2	0	2	9	5
	0530	"	1007·7	976·1	...	68·4	61·8	56·5	15·5	69	...	1·4	...	3·5	0	1	20	2	0	5	4	0	0	2	8	10
	1130	"	1009·6	978·8	...	83·2	67·7	56·8	16·0	45	...	2·0	...	8·7	0	6	24	1	0	8	7	1	2	2	9	1
	2330	"	1008·6	977·3	...	74·5	61·7	57·3	16·5	58	...	1·6	...	4·5	0	0	27	3	0	9	1	0	0	2	12	4
Patiala	0830	822	1009·5	980·8	...	71·6	58·8	46·7	11·5	44	...	1·3	...	2·1	0	0	21	5	1	3	6	0	1	1	4	10
	1730	"	1005·9	978·3	...	88·6	63·7	40·0	9·1	20	...	1·9	...	2·5	0	0	26	12	1	3	5	0	0	0	5	5
Ludhiana	0830	810	1009·8 (a)	981·5 (a)	−1·9	70·5	58·8	47·9	11·7	46	−15	1·1	−1·1	0·3	0	0	2	0	0	0	2	0	0	0	0	29
	1730	"	1006·8 (a)	979·8 (a)	...	88·4	64·9	45·9	10·1	27	...	2·3	...	1·1	0	0	12	0	0	0	3	1	1	3	4	19
Ferozepur	0830	657	1009·5	986·3	...	65·6	57·5	48·1	12·6	56	...	2·0	...	0·9	0	0	10	0	3	0	1	0	3	0	3	21
	1730	"	1006·0	983·9	...	83·5	64·9	45·2	12·6	66	...	2·1	...	1·6	0	0	14	1	2	0	1	1	2	0	7	17
Amritsar	0530	774	1008·6	989·9	...	57·4	52·8	48·1	11·5	73	...	1·1	...	5·3	0	0	27	4	6	8	1	0	0	4	4	4
	0830	"	1010·0	982·7	...	65·5	56·9	49·4	11·8	57	...	2·5	...	5·5	0	0	26	4	2	4	5	2	0	3	6	5
	1130	"	1009·9	983·5	...	81·8	63·3	47·8	11·7	31	...	2·2	...	8·4	0	6	24	1	6	5	6	3	1	2	6	1
	1730	"	1006·6	980·4	...	85·5	63·8	44·5	10·1	25	...	2·3	...	7·1	0	3	28	3	3	0	3	5	3	6	8	0
Pathankot	0830	1,128	...	...	...	66·8	56·9	47·7	11·3	51	...	4·2	...	2·8	0	0	26	0	12	10	2	1	0	0	1	5
	1730	"	...	...	...	82·6	62·9	46·0	10·5	29	...	5·4	...	3·6	0	0	26	3	3	0	1	5	1	10	3	5
Jammu & Kashmir																										
Srinagar	0830	5,205	800·0	843·7	+0·5	45·3	42·6	39·7	8·3	81	−4	5·5	+0·6	2·1	0	0	16	1	0	1	3	0	2	3	6	15
	1130	"	801·0	845·2	...	54·7	48·5	42·1	9·4	64	...	5·6	...	3·1	0	0	24	7	1	0	5	0	3	1	7	7
	1730	"	798·9	841·5	...	57·4	48·3	39·4	8·3	54	...	5·7	...	3·8	0	0	27	3	2	0	5	1	4	5	7	4
Gulmarg	0830	8,709	Closed during winter months.																							
Dras (R)	0830	10,059																								
(R)	1730	"																								
Kargil (R)	0830	8,790																								
Leh*	0530	11,529	710·6	665·5	...	26·3	21·5	11·3	2·0	50	...	4·3	...	2·3	0	0	17	0	15	1	1	0	0	0	0	13
	0830	"	713·7	666·8	+1·5	31·9	25·3	14·3	2·7	46	−8	4·7	−0·2	1·5	0	0	9	0	2	0	1	4	2	0	0	22
	1730	"	707·1	664·5	...	42·4	32·3	20·9	3·1	44	...	5·4	...	5·3	0	1	22	0	1	0	2	1	12	4	3	8
Skardu (R)	0830	7,505																								
(R)	1730	"																								
Gilgit (R)	0930	4,890																								
(R)	1730	"																								
Misgar (R)	0830	10,190																								
(R)	1730	"																								
Jammu	0830	1,200	...	...	...	70·2	57·5	45·6	10·5	42	−10	4·9	+2·3	5·2	0	0	31	0	25	0	0	0	6	0	0	0
Rajasthan, West																										
Sri Ganganagar	0830	580	1009·4	989·0	...	68·4	56 1	43·1	9·9	42	−16	0·7	−1·7	2·8	0	0	30	3	2	4	6	3	6	3	3	1
	1730	"	1006·2	986·7	...	90·2	64·2	40·0	8·8	19	...	0·6	...	2·4	0	0	30	5	1	1	0	2	5	7	9	1
Bikaner	0830	734	1009·9	984·2	−2·0	69·0	53·6	34·9	7·1	30	−13	0·7	−1·1	2·6	0	0	18	0	0	0	1	0	12	2	3	13
	1730	"	1006·1	981·8	...	94·0	64·6	34·3	7·4	14	...	0·8	...	5·6	0	1	29	2	2	0	0	0	8	4	14	1
Bikaner (P.B.O.)	0530	735	1008·7	982·8	...	67·1	58·1	49·4	12·4	54	...	1·1	...	2·0	0	1	9	0	0	0	0	4	5	1	0	21
	1130	"	1010·2	985·3	...	89·7	73·1	62·7	20·7	43	...	1·7	...	3·5	0	0	25	1	1	0	0	7	2	12	2	6
	2330	"	1009·3	983·9	...	75·2	63·8	52·9	14·8	47	...	0·5	...	1·6	0	1	8	0	1	0	0	2	2	2	2	22
Jaisalmer	0830	793	1010·0	982·6	...	73·6	60·2	47·3	11·6	44	...	0·8	...	8·4	0	9	13	0	2	0	1	0	13	1	5	9
	1730	"	1005·8	976·2	...	93·9	67·8	45·4	11·7	23	...	0·9	...	13·5	1	17	12	0	2	0	0	0	19	1	8	1
Jodhpur	0230	736	1009·0	983·5	...	73·3	56·2	36·9	7·8	28	...	0·3	...	3·5	0	0	22	3	5	0	0	0	5	7	2	9
	0530	"	1009·1	983·4	...	69·3	54·4	36·9	8·7	32	...	0·4	...	3·4	0	0	22	2	5	1	0	0	2	10	2	9
	0830	"	1011·1	985·4	+0.1	72·8	56·2	36·8	8·0	29	−7	1·1	−0·9	2·6	0	0	13	1	4	0	0	0	5	3	0	18
	1130	"	1010·9	986·1	...	90·7	64·5	40·7	9·2	19	...	1·2	...	5·7	0	2	22	1	4	1	2	2	11	3	0	7
	1730	"	1006·7	982·1	...	95·2	65·7	38·5	8·3	15	...	1·3	...	7·8	0	3	26	1	3	1	0	0	8	13	3	2
	2330	"	1009·7	984·3	...	79·0	59·1	36·8	8·2	23	...	0·3	...	3·6	0	1	22	4	2	0	0	0	2	10	5	8
Phalodi	0830	767	1010·3	983·8	...	69·7	57·9	43·9	11·1	45	...	1·1	...	6·5	0	4	24	1	1	1	2	11	8	4	0	3
	1730	"	1007·5	981·6	...	94·6	69·9	48·4	13·8	25	...	1·4	...	11·0	0	10	18	2	2	0	0	0	11	10	3	3
Barmer	0530	698	1008·2	986·1	...	75·1	63·0	52·9	14·3	48	...	0·3	...	4·8	0	2	17	1	0	0	0	0	2	11	5	12
	0830	"	1010·4	988·3	−1·3	75·9	63·5	53·7	14·4	48	−7	1·2	−0·4	2·7	0	1	16	1	0	0	1	0	3	5	7	14
	1130	"	1010·3	989·1	...	90·3	71·1	58·2	17·0	36	...	1·5	...	5·0	0	2	21	1	4	1	2	2	4	4	5	8
	1730	"	1006.4	985·2	...	96·6	74·3	60·7	18·8	32	...	1·3	...	5·6	0	1	25	1	2	1	1	2	7	7	5	5
	2330	"	1009·2	987·4	...	84·8	66·7	53·7	14·5	37	...	0·2	...	4·5	0	0	29	1	0	0	0	0	11	9	8	2

*Observations for 30 days only. (R) Register not received. (a) Mean of 30 days.

TABLE III— SUMMARY OF OBSERVATIONS AT FIXED HOURS—MARCH 1953.

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 %.		Cloud amount (Oktas).		Mean wind speed, miles per hour.	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	W	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
sthan, East.																										
ar	0830	1,419	1010·5	962·0	...	69·8	60·3	50·5	13·6	47	...	1·7	...	2·1	0	0	22	0	1	1	6	6	6	1	1	9
	1730	"	1005·9	959·0	...	91·4	69·5	50·8	14·7	29	...	1·2	...	2·7	0	0	30	0	0	0	0	2	7	13	8	1
our	0830	1,431	1010·5	961·8	−1·9	76·9	58·3	38·0	8·5	27	−8	0·9	−0·8	2·1	0	1	13	2	1	3	2	0	0	3	3	17
	1130	"	1009·9	962·3	...	89·5	61·9	31·1	6·6	14	...	0·9	...	6·1	0	1	30	3	1	0	2	2	5	10	8	0
	1730	"	1006·0	958·8	...	92·3	62·9	31·2	6·4	12	...	1·6	...	6·7	0	2	27	3	0	0	0	0	3	11	12	2
ur (Sanganer Aerodrome)	0230	1,282	1008·5	964·2	...	69·1	54·1	36·2	7·6	35	...	0·6	...	4·1	0	0	28	7	2	1	0	0	0	3	15	3
	0530	"	1008·6	964·2	...	66·7	53·3	37·1	7·7	31	...	0·6	...	3·1	0	0	26	7	0	1	0	0	0	3	15	5
	0830	"	1010·1	966·2	...	76·2	60·3	41·0	10·7	29	...	1·2	...	2·7	0	0	18	0	1	2	1	0	1	3	10	13
	1130	"	1007·4	966·8	...	88·7	63·5	39·3	8·7	18	...	1·4	...	6·6	0	2	26	3	0	3	2	0	5	8	7	3
	1730	"	1005·6	963·2	...	92·2	64·7	39·3	8·5	17	...	1·6	...	8·0	0	5	26	1	0	0	0	1	3	16	10	0
	2330	"	1009·4	965·2	...	72·0	55·8	38·5	8·0	31	...	0·4	...	3·3	0	0	25	7	0	0	0	0	1	2	15	6
er	0830	1,593	1011·2	956·8	−1·2	74·0	55·7	36·7	7·1	27	−9	0·9	−0·5	4·3	0	3	17	0	1	1	2	1	7	7	1	11
	1730	"	1006·2	953·8	...	90·9	60·2	27·3	5·5	11	...	0·9	...	4·5	0	0	29	1	0	0	0	0	8	15	5	2
ah	0530	843	1008·5	979·3	...	73·1	57·1	40·1	8·7	31	...	0·5	...	1·5	0	0	15	0	0	1	0	0	4	5	5	16
	0830	"	1010·6	981·8	−1·5	79·1	59·4	39·3	8·5	25	−9	0·7	−0·8	1·0	0	0	7	0	0	0	0	0	0	4	3	24
	1130	"	1010·2	982·0	...	93·4	63·9	33·5	11·0	13	...	1·2	...	4·4	0	1	21	2	0	2	0	0	0	9	9	9
	1730	"	1005·9	977·8	..	93·6	64·7	30·9	7·6	10	..	1·4	...	3·8	0	0	25	1	0	0	0	0	1	14	9	6
	2330	"	1009·1	980·3	...	80·7	63·5	39·4	12·7	24	...	0·8	...	1·2	0	0	14	0	0	0	0	0	2	9	3	17
lawar	0830	1,053	1011·2	974·8	−1·3	72·5	56·0	36·7	7·9	29	−7	0·2	−1·0	1·2	0	0	8	0	0	0	0	0	3	3	2	23
	1730	"	1005·6	972·3	...	97·0	64·0	25·8	5·3	9	...	0·3	...	2·9	0	0	20	3	0	0	0	0	1	11	5	11
ipur	0230	1,910	898·0	945·2	...	68·6	55·2	42·2	9·6	41	...	0·2	...	2·6	0	1	12	0	0	0	0	0	4	7	2	18
	0530	"	897·6	945·0	...	65·4	54·1	42·9	9·4	46	...	0·3	...	2·1	0	0	10	0	0	0	0	0	1	5	4	21
	0830	"	899·9	946·7	−1·0	72·7	58·5	44·6	10·6	39	−8	0·9	−0·4	1·2	0	0	7	1	0	0	0	0	2	3	1	24
	1130	"	901·8	947·3	...	89·0	63·1	40·8	9·9	21	...	0·4	...	4·1	0	0	23	3	0	3	3	2	7	3	2	8
	1730	"	898·7	943·8	...	91·0	63·7	39·4	7·9	17	...	1·2	...	5·4	0	2	27	4	3	0	0	2	5	9	6	2
	2330	"	896·2	946·5	...	72·9	57·3	43·0	8·1	36	...	1·3	...	2·4	0	0	12	0	0	0	0	1	4	5	2	19
ya Bharat																										
alior (P. B. O.)	0230	688	1007·7	983·9	...	72·3	66·3	58·2	9·0	33	...	0·3	...	2·4	0	0	19	0	0	0	1	3	4	5	6	12
	0530	"	1008·1	984·1	...	70·6	55·2	36·6	8·1	35	...	0·3	...	2·7	0	0	21	2	0	0	0	1	7	6	5	10
	0830	"	1010·0	986·4	−1·8	79·5	58·9	36·8	7·8	24	−14	0·4	−0·9	3·2	0	0	24	6	0	0	0	3	7	5	3	7
	1130	"	1009·7	986·6	...	92·5	62·9	30·0	6·2	12	...	0·6	...	5·2	0	1	28	3	3	2	1	2	5	3	10	2
	1730	"	1005·6	982·7	...	94·8	63·3	28·3	5·7	10	...	1·0	...	5·2	0	0	27	4	0	2	0	1	0	4	16	4
	2330	"	1008·7	984·9	...	75·7	58·3	39·3	8·8	31	...	0·2	...	3·2	0	0	23	0	0	0	1	0	7	7	8	8
pur Kalan	0830	771	1010·4	983·7	...	74·3	63·0	41·6	14·5	31	...	0·8	...	2·7	0	0	24	0	1	0	5	13	4	1	0	7
	1730	"	1005·2	979·4	...	92·9	57·9	33·6	9·8	12	...	1·4	...	5·4	0	0	29	5	0	0	0	2	0	9	13	2
a	0530	1,571	1009·7	955·2	...	64·7	53·1	41·8	9·1	43	...	0·3	...	0·7	0	0	10	0	0	3	6	0	0	1	0	21
	0830	"	1010·9	957·3	−1·8	73·6	58·4	45·9	10·6	39	+2	0·9	−0·1	2·2	0	0	19	2	0	5	0	5	1	4	2	12
	1130	"	1009·5	957·7	...	92·1	64·9	42·9	10·0	20	...	1·1	...	6·1	0	0	31	2	3	1	1	2	1	11	10	0
	1730	"	1005·5	954·1	...	94·9	65·3	42·2	9·3	17	...	1·5	...	5·0	0	0	29	6	0	0	0	0	1	13	9	2
	2330	"	1010·1	956·4	...	72·3	56·9	42·9	9·6	36	...	0·2	...	1·3	0	0	10	1	1	0	2	0	1	4	1	21
much	0830	1,626	1011·7	956·3	−0·6	75·0	55·3 (a)	34·3 (a)	7·0 (a)	24 (a)	−13	0·9	−0·4	3·5	0	0	25	1	8	0	0	1	3	4	8	6
	1730	"	1006·5	953·2	...	94·0	61·1	25·4	5·0	9	...	1·3	...	7·2	0	4	26	2	8	0	0	0	6	10	4	1
am	0830	1,596	1011·3	957·0	...	76·0	59·4	44·0	10·6	34	...	0·7	...	3·7	0	2	21	2	3	5	0	1	7	4	1	8
	1730	"	1005·9	953·7	...	95·2	66·5	44·9	10·6	19	...	1·3	...	7·9	0	4	27	2	1	2	0	0	5	15	6	0
re	0530	1,861	897·1	946·1	...	67·4	52·1	35·2	7·2	31	...	0·3	...	2·8	0	0	13	0	1	0	0	0	1	6	5	18
	0830	"	900·0	948·2	−1·0	77·6	57·3	36·2	7·6	24	−8	0·5	−0·6	5·3	0	2	19	2	3	2	0	1	1	6	6	10
	1130	"	901·7	948·6	...	92·0	61·4	30·0	6·2	12	...	0·2	...	8·5	0	4	27	3	6	2	6	1	1	6	6	0
	1730	"	898·1	944·6	...	95·2	62·7	31·1	6·3	11	...	0·9	...	9·5	0	7	23	2	3	0	0	0	3	10	12	1
	2330	"	898·7	947·1	...	75·6	55·5	34·1	7·0	23	...	0·3	...	5·4	0	0	27	7	1	2	0	0	1	3	3	4
pal (Bairagarh)	0230	1,714	896·4	950·4	...	72·0	52·7	30 2	5·9	19	...	0·3	...	6·3	0	4	22	4	5	2	0	0	2	7	6	5
	0530	"	896 3	950·6	...	68·7	51·5	31·4	6·1	26	...	0·2	...	3·5	0	0	20	4	2	3	0	2	2	3	4	11
	0830	"	899·4	953·0	−0·9	77·5	55·8	32·5	6·5	20	−9	0·4	−0·7	6·3	0	2	26	3	4	2	3	1	2	3	5	3
	1130	"	901·0	953·1	...	92·3	61·7	31·5	6·4	12	...	0·2	...	10·9	0	11	20	6	4	4	3	1	0	4	9	0
	1730	"	897·7	949·5	...	95·6	62·7	28·5	6·2	10	...	1·0	..	11·4	0	0	31	6	0	0	0	0	0	3	17	0
	2330	"	897·9	951·5	...	76·6	54·6	29·8	5·7	19	...	0·5	..	7·0	0	1	28	7	7	0	0	2	3	5	3	2

(a) Mean of 30 days.

TABLE III— SUMMARY OF OBSERVATIONS AT FIXED HOURS—MARCH 1953.

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, miles per hour.	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
Vindhya Pradesh																										
Nowgong	0830	750	1010·4	984·0	−2·2	66·0	53·7	40·2	8·6	40	−6	0·3	−1·5	1·5	0	0	19	0	2	1	0	12	3	1	0	12
	1730	"	1005·7	980·8	...	96·7	64·2	29·7	5·9	10	...	0·6	...	2·8	0	0	29	2	2	0	0	0	4	0	21	2
Satna	0830	1,041	1010·1	974.4	−1·6	77·2	61·5	47·8	11·6	36	+6	0·2	−1·3	2·1	0	0	22	1	0	1	1	1	5	12	1	9
	1730	"	1005·0	970·6	...	95·3	69·1	49·9	12·5	22	...	1·0	...	3·8	0	0	31	2	0	1	0	0	1	12	15	0
Umaria	0830	1,506	1010·5	959·7	...	80·2	59·8	39·5	9·3	25	−17	0	−1·8	2·6	0	0	14	1	0	0	1	0	3	6	3	17
	1730	"	1004·8	955·5	...	94·5	64·1	33·7	8·1	12	...	0·6	...	5·0 (a)	0	0	26	5	1	0	0	0	0	9	11	4
Madhya Pradesh, East																										
Gondia	0830	1,026	1011·0	976·0	...	78·9	62·2	46·6	11·6	35	...	0·1	...	1·4	0	0	21	1	1	0	6	6	4	1	2	0
	1730	"	1004·8	971·2	...	99·2	67·5	39·2	8·7	13	...	0·3	..	2·3	0	0	28	9	4	0	0	2	3	6	4	13
Pendra	0530	2,048	897·8	939·5	...	72·6	55·6	38·9	8·3	30	...	0	...	1·9	0	0	18	4	0	0	0	1	3	0	10	3
	0830	"	900·9	941·9	−1·2	81·8	60·4	41·7	9·3	25	−16	0·1	−1 3	2·6	0	1	15	3	0	1	0	4	1	2	5	15
	1130	"	901·3	941·6	...	92·2	63·7	39·8	8·6	17	...	0·2	...	7·4	0	3	27	12	2	0	0	2	2	5	7	11
	1730	"	898·0	938·0	...	92·5	63·5	39·0	8·3	16	...	0·6	...	6·0	0	1	30	11	2	0	1	0	2	5	10	0
	2330	"	899·3	940·7	...	76·6	57·1	38·7	8·1	26	...	0·1	...	0·9	0	0	12	2	0	0	0	4	0	2	4	19
Raigarh	0830	723	1010·3	965·4	...	79·6	63·0	48·8	12·3	35	...	0·2	...	1·6	0	0	19	3	10	1	3	2	0	0	0	12
	1730	"	1004·8	984·0	...	99·6	69·3	45·1	11·0	17	...	0·1	...	2·4	0	0	28	11	3	0	0	1	3	3	7	3
Ambikapur	0830	2,005	900·2	943·3	...	75·7	59·2	45·0	10·5	35	...	0	...	2·1	0	0	17	0	2	0	0	0	11	2	2	14
	1730	"	897·6	939·2	...	92·8	63·3	37·3	8·0	15	...	0·3	...	7·1	0	1	29	12	3	0	0	0	1	6	8	1
Champa	0830	805	1010·6	982·9	...	77·4	60·9	45·7	10·8	34	...	0·2	...	3·2	0	0	27	12	3	0	2	0	2	1	7	4
	1730	"	1004·7	978·3	...	99·9	67·8	40·1	8·7	13	...	0·4	...	5·9	0	2	29	1	2	1	1	3	3	14	6	0
Raipur	0530	979	1008·1	974·4	...	75·8	59·5	43·7	9·1	33	...	0·1	...	1·5	0	0	15	2	1	0	0	5	4	1	2	16
	0830	"	1010·5	977·2	−1·1	82·2	61·8	42·8	9·7	26	−14	0·1	−1·2	3·4	0	0	24	5	3	0	0	4	11	1	0	1
	1130	"	1009·4	976·9	...	95·2	66·2	39·4	8·9	16	...	0·1	...	3·8	0	0	23	6	3	0	1	2	3	6	2	2
	1730	"	1004·7	972·6	...	99·1	66·9	37·2	7·9	13	...	0·2	...	3·3	0	0	23	2	0	0	0	2	6	10	3	1
	2330	"	1008·0	975·0	...	84·8	62·3	40·8	9·1	23	...	0	...	2·0	0	0	17	2	0	0	1	4	6	1	3	14
Kanker	0830	1,318	1010·8	966·2	−0.6	80·2	65·3	54·5	14·6	42	−11	0·3	−1·4	0·2	0	0	3	0	0	0	0	0	2	1	0	28
	1730	"	1005·1	962·0	...	96·9	68·6	46·7	11·1	19	...	0·3	...	0·7	0	0	11	2	0	0	0	0	6	1	2	28
Chanda	0830	844	1011·0	989·6	−0.5	83·7	63·9	46·7	11·2	29	−13	0·2	−1·0	0·7	0	0	6	0	0	2	1	1	1	0	1	25
	1730	"	1004·9	984·1	...	101·8	67·4	35·3	7·4	11	...	0·5	...	3·4	0	0	24	6	2	0	0	2	2	4	8	1
Sironcha	0830	405	1011·7	997·7	...	81·2	68·7	60·5	18·2	52	...	0·3	...	4·3	0	0	28	1	1	7	10	6	1	0	2	1
	1730	"	1005·6	992·2	...	102·2	70·7	47·3	11·2	16	...	0·4	...	1·9	0	0	27	3	2	4	5	5	4	2	2	4
Jagdalpur (P.B.O.)	0530	1,813	896·9	947·5	...	68·6	61·3	56·3	15·6	65	...	0·1	...	0·8	0	0	9	0	0	3	4	2	0	0	0	22
	0830	"	900·1	950·0	−0·8	77·7	64·7	56·7	15·6	51	−6	0·2	−1·1	1·9	0	0	18	0	3	3	1	5	6	0	0	11
	1130	"	901·1	949·5	...	92·8	67·7	50·7	12·9	25	...	0·3	...	3·3	0	0	25	2	1	1	2	7	7	3	2	6
	1730	"	897·7	945·7	...	95·2	67·5	48·6	11·8	21	...	1·1	...	2·8	0	0	22	1	2	0	1	0	9	5	4	1
	2330	"	898·5	948·3	...	77·3	63·6	54·2	14·5	45	...	0·2	...	0·8	0	0	7	0	0	0	3	2	2	0	0	31
Madhya Pradesh, West																										
Buldhana	0830	2,133	900·8	939·1	...	79·4	62·4	49·4	12·4	37	...	0·2	...	3·2	0	0	28	5	0	2	2	3	1	1	14	1
	1730	"	898·9	935·8	...	96·5	70·0	53·1	14·7	26	...	0·5	...	3·2	0	0	31	4	3	0	1	1	2	1	19	1
Akola	0830	925	1011·0	979·3	−0·9	78·4	59·3	39·0	8·6	26	−6	0·3	−1·0	4·0	0	1	26	1	2	1	0	1	5	10	7	1
	1130	"	1009·7	979·0	...	96·7	67·7	41·6	10·1	17	...	0·3	...	5·8	0	2	29	7	4	4	2	0	2	2	10	1
	1730	"	1004·6	974·5	...	102·5	70·0	43·2	10·3	16	...	0·6	...	6·5	0	1	30	9	2	2	0	0	0	2	16	1
Akola (Aerodrome)	0530	1,015	1008·4	973·3	...	71·7	55·2	36·4	7·5	28	...	0·3	...	3·9	0	1	29	1	0	2	4	3	10	9	1	1
	2330	"	1008·2	973·8	...	82·3	60·5	38·5	8·2	22	...	0·1	...	2·9	0	1	23	1	2	6	1	1	4	5	4	1
Amaravati	0830	1,213	1010·7	969·6	−0·7	81·4	60·2	38·5	8·3	23	−9	0·4	−0·8	2·4	0	0	23	1	3	5	1	2	5	4	2	1
	1730	"	1004·4	965·0	...	101·5	69·6	43·6	10·3	15	...	0·5	...	3·7	0	0	29	0	3	0	0	1	10	8	7	1
Yeotmal	0830	1,481	1010·3	960·6	...	83·7	62·5	44·6	9·7	27	...	3·9	...	9·7	0	4	27	1	5	0	3	0	7	1	14	1
	1730	"	1004·2	956·2	...	99·2	70·8	52·4	12·7	22	...	4·3	...	8·1	0	3	28	2	4	0	1	0	1	5	18	1
Khandwa	0830	1,044	1011·1	975·4	−0·8	78·6	63·2	49·8	12 8	39	+6	0·3	−0·6	3·8	0	3	17	0	0	0	1	3	3	8	5	11
	1730	"	1004·9	970·7	...	100·3	75·9	59·5	19·4	31	...	0·6	...	6·5	0	0	31	4	2	0	0	0	2	6	17	1
Hoshangabad	0830	992	1011·1	976·9	−1·5	75·0	55·9	33·9	6·7	23	−11	0·5	−0·7	2·2	0	0	23	2	4	4	2	2	6	1	2	1
	1730	"	1004·8	972·3	...	99·4	64·6	24·8	5·0	8	..	1·0	...	3·1	0	0	30	2	4	1	0	5	7	6	5	1
Sagar	0330	1,808	899·2	949·3	−1·1	78·2	55·6	30·3	6·0	18	−12	0·3	−1·0	7·7	0	1	30	1	4	3	4	1	8	7	3	1
	1730	"	897 3	945·9	...	92·9	61·4	26·0	5·8	9	...	0·5	...	7·8	0	0	31	3	3	0	2	0	8	2	13	1
Jabalpur	0530	1,269	1009·7	964·7	...	64·2	53·4	42·1	9·1	44	...	0	...	1·2	0	0	14	1	0	3	8	0	1	1	0	1
	0830	"	1010·9	967·0	−0·7	77·5	58·3	38·6	8·0	25	−18	0·2	−1·0	2·4	0	0	25	0	1	1	13	2	4	1	1	1
	1130	"	1009·2	966·7	...	94·8	65 0	36·6	7·7	13	...	0·2	...	4·5	0	0	30	2	6	0	5	1	5	4	7	1
	1730	"	1004 7	962·6	...	97·3	65·9	36·3	7·6	13	...	0·4	...	5·4	0	0	31	7	0	0	0	0	9	6	9	1
	2330	"	1009·3	965·1	...	72 2	58·4	45·7	10·5	40	...	0·1	...	1·4	0	0	10	1	1	2	4	0	0	1	1	9

(a) Mean of 30 days.

TABLE III—SUMMARY OF OBSERVATIONS AT FIXED HOURS—MARCH 1953.

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, miles per hour.	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
ya Pradesh, West—*contd.*																										
adla	0830	1,452	1011·9	961·8	...	69·4	57·8	48·1	11·1	48	...	0·3	...	1·2	0	0	13	5	2	0	0	2	0	0	4	18
	1730	"	1004·5	957·1	...	95·3	64·3	32·6	6·6	11	...	1·0	...	6·3	0	0	31	10	1	0	1	1	0	4	14	0
ai	0830	2,027	...	...	...	77·5	60·2	44·0	10·9	32	−5	0·2	−1·1	1·3	0	0	16	4	4	1	0	2	3	0	2	15
	1730	"	...	...	...	95·6	68·5	49·0	12·4	21	...	0·5	...	3·1	0	0	28	10	0	1	0	2	3	5	7	3
indwara	0830	2,248	901·2	935·7	...	75·6	54·3	29·5	5·8	19	...	0·2	...	1·8	0	0	16	0	4	2	0	0	0	5	5	15
	1730	"	898·8	931·9	...	94·7	60·7	21·4	4·4	8	...	0·5	...	4·2	0	0	31	7	0	0	0	1	1	8	14	0
l	0830	2,144	901·2	939·1	...	78·4	57·3	36·3	7·5	23	...	0·2	...	3·1	0	0	28	1	2	12	5	0	0	5	3	3
	1730	"	898·7	935·3	...	94·3	63·4	36·3	7·4	14	...	0·6	...	5·2	0	0	31	8	3	0	0	0	1	7	12	0
pur	0230	1,010	1007·7	973·1	...	75·9	58·5	40·1	8·9	29	...	0·3	...	3·3	0	0	26	4	1	1	1	0	2	4	13	5
	0530	"	1008 5	973·6	...	71·8	55·9	37·8	8·1	31	..	0·3	..	3·6	0	0	24	8	1	0	0	0	2	1	12	7
	0830	"	1010·6	976·2	−1·0	82·8	61·8	43·5	9·5	28	−5	0	−1·4	4·6	0	0	24	3	4	5	3	0	1	1	7	7
	1130	"	1009·2	975·9	...	97·6	69·6	48·1	11·9	20	...	0·2	...	6·6	0	2	27	2	3	8	2	1	7	3	3	2
	1730	"	1004·4	971·4	...	101·1	69·9	43·5	11·0	16	...	0·5	...	5·6	0	1	28	3	2	2	3	0	4	9	6	2
	2330	"	1008·5	974·3	...	80·8	61·0	42·3	9·2	26	...	0·2	...	2·6	0	0	21	3	3	0	1	0	2	4	8	10
at																										
sa	0830	444	1011·5	996·0	−0·8	73·1	63·4	55·6	15·6	57	...	1·0	...	...	0	0	24	10	1	0	0	0	11	0	2	7
	1730	"	1007·2	992·4	...	97·6	73·9	57·9	17·8	30	...	1·0	...	...	0	0	31	3	2	0	0	0	18	4	4	0
at	0330	39	1009·5	1008·1	...	73·0	66·2	61·3	18·9	69	...	0·5	...	3·6	0	0	23	5	5	3	6	2	1	0	1	8
	0830	"	1011·8	1010·4	−0·7	76·7	67·0	59·8	18·3	58	−2	0·4	−0·6	3·5	0	0	29	4	8	1	10	1	1	0	4	2
	1130	"	1011·9	1010·6	...	92·7	69·1	51·6	13·7	27	...	0·3	...	5·3	0	0	30	10	6	0	0	0	2	3	9	1
	1730	"	1007·5	1006 2	...	96 8	71·0	54·1	14·2	25	...	0·4	...	6·6	0	0	31	2	0	0	0	2	8	1	18	0
	2330	"	1010·2	1008·9	...	79·5	70·1	64·4	20·9	61	...	0·3	...	4·1	0	0	26	2	1	1	0	2	10	5	5	5
medabad	0230	182	1009·2	1002·9	...	75·6	61·7	49·2	12·5	41	...	0·3	...	6·9	0	1	30	4	1	0	0	1	2	7	16	0
	0530	"	1009·1	1002·8	...	71·1	60·5	50·7	13·3	51	...	0·4	...	5·2	0	0	28	1	2	0	1	0	0	5	19	3
	0830	"	1011·5	1005 2	−1·1	74·5	63·4	54·3	14·9	52	+5	0·7	−0·4	5·9	0	0	28	2	2	0	1	0	0	3	20	3
	1130	"	1011·8	1005·6	...	90·9	68·7	51·7	13·9	29	...	0·5	...	7·4	0	2	28	3	3	3	2	0	3	3	13	1
	1730	"	1007·3	1001·2	...	99·0	69·1	45·3	10·7	18	...	0·6	...	8·3	0	3	28	4	2	0	0	1	2	7	15	0
	2330	"	1010·0	1003·8	...	80·0	63·0	48·2	12·0	35	...	0·2	..	5·5	0	0	27	1	1	0	0	1	4	3	17	4
had	0830	1,093	1011·5	974·1	...	76·7	60·0	43·6	10·2	32	−12	0·5	−0·7	6·8	0	6	23	0	4	4	3	4	5	7	2	2
	1730	"	1006·6	970 7	...	97·6	66·4	37·3	8·1	13	...	0·5	...	7·5	0	4	27	0	2	0	0	0	4	21	4	0
oda	0530	115	1009·5	1005·4	...	67·9	61·2	55·1	15·4	67	...	0·2	...	0·6	0	0	8	2	2	0	0	1	2	1	0	23
	0830	"	1011·8	1007·8	...	74·5	64·5	56·5	16·3	56	+9	0·3	−0·6	0·9	0	0	11	1	1	0	0	3	3	1	2	20
	1130	"	1011·9	1008·0	...	92·3	71·5	56·0	17·0	33	...	0·1	...	2·8	0	0	26	4	4	1	0	1	2	7	7	5
	1730	"	1007·3	1003·5	...	100·8	74·5	55·4	17·2	26	...	0·8	...	3·3	0	0	30	5	2	0	0	0	4	4	15	1
	2330	"	1010·0	1006·0	...	78·1	66·1	57·2	16·5	50	...	0 3	...	1·9	0	0	21	4	1	0	0	1	8	3	4	10
oda (Aerodrome)	0530	124	1009·6	1005·3	...	69·3	57·5	44·8	10·9	45	...	0·3	...	1·8	0	0	18	5	1	0	1	2	4	3	2	13
	0830	"	1011·6	1007·4	...	74·3	60·7	47·3	12·0	42	...	0·4	...	2·9	0	1	20	2	1	1	2	3	6	0	4	10
	1730	"	1007·3	1003·2	...	99·4	67·4	39·4 (a)	8·4	14	...	0·7	..	4·6	0	0	31	2	0	0	0	0	4	15	10	0
	2330	"	1009·9	1005·6	...	80·3	63·1	48·5	12·0	35	...	0·4	...	3·1	0	0	26	6	1	1	0	0	9	5	4	5
oach	0830	57	1011·3	1009·2	...	74·0	63·3	54·3	15·1	53	...	0·3	...	2·6	0	0	30	5	8	1	3	5	5	0	3	1
	1730	"	1006·5	1004·7	...	102·1	69·3	41·6	9·6	14	...	0·4	...	5·9	0	0	31	3	2	0	1	1	7	4	13	0
ashtra and Kutch																										
uj	0830	343	1011·8	999·8	−0·8	73·0	65·2	59·1	17·7	64	+8	0·8	−0·4	2·2	0	0	18	1	0	0	0	2	4	10	1	13
	1730	"	1008·3	996·9	...	95·1	68·8	49·0	12·2	23	...	0·6	...	7·7	0	2	29	3	1	0	0	1	6	13	7	0
uj (P. B. O.)	0230	347	1010 0	997·9	...	74·1	64·2	57·2	16·1	59	...	0·6	...	2·9	0	0	21	0	0	0	0	1	11	8	1	10
	0530	"	1009·7	997·6	...	72·1	63·7	58·1	16·4	64	...	0·6	...	1·7	0	0	16	0	0	0	0	0	11	5	0	15
	0830	"	1011·6	999·5	...	75·3	64·5	56·8	15·8	57	...	1·5	...	2·6	0	0	18	1	0	0	0	0	12	3	2	13
	1130	"	1011·7	1000·0	...	89·4	66·6	50·9	12·0	29	...	1·0	...	4·6	0	0	28	2	5	0	0	0	5	7	9	3
	1730	"	1008·2	996·6	...	94·4	66·5	46 8	9·6	21	...	0·9	...	7·1	0	2	28	1	2	0	0	0	8	9	10	1
	2330		1010·8	998·8	...	77·3	64·8	56·2	15·3	51	...	0 2	...	3·3	0	0	23	0	0	0	0	0	13	7	3	8
arka	0830	37	1012·3	1011·0	−0·8	76·3	72·0	68·8	24·9	81	+5	1·5	−0·3	9·1	0	3	28	5	2	0	0	1	0	13	10	0
	1730	"	1010·1	1008·8	...	81·1	73·7	68·3	25·0	70	...	1·5	...	11·5	0	8	23	0	0	1	0	0	0	15	15	0
rbandar	0830	23	1011·8	1011·0	...	72·0	68·2	65·2	21·8	82	...	1·2	...	7·8	0	3	(a) 27	11	3	0	0	0	1	3	12	0
	1730	"	1009·4	1008·6	...	84·6	73·0	65·2	22·5	57	...	0·5	...	17·0	0	26	6	1	0	0	0	0	3	22	5	0
mnagar	0530	74	1010·2	1007·5	...	68·3	65·3	62·9	19·9	85	...	1·1	...	7·4	0	5	26	0	0	0	2	5	13	8	3	0
	0830	"	1012·1	1009·5	−0·7	72·7	68·1	64·2	21·5	78	+7	2·5	+1·4	5·7	0	2	29	0	0	1	1	3	15	8	3	0
	1130	"	1012·7	1010 1	...	86·8	70·6	59·0	18·3	43	...	0·8	...	10·5	0	10	21	2	3	0	0	0	1	14	11	0
	1730	"	1009·2	1006·7	..	88·1	69·7	55·4	16·5	38	...	1·0	...	17·1	0	20	11	1	2	0	0	0	1	22	5	0

(a) Mean of 30 days.

TABLE III—SUMMARY OF OBSERVATIONS AT FIXED HOURS—MARCH 1953.

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, miles per hour.	Wind speed (m.p.h.)			No. of observations.							
			At mean sea or nearest s. 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	C
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	
Saurashtra and Kutch—*contd.*																										
Rajkot	0830	432	1012·4	997·2	−0·2	71·0	66·7	63·7	20·4	79	+19	0·8	−1·0	6·3	0	3	22	1	1	1	0	1	5	9	7	
	1730	"	1008·0	993·6	...	97·4	71·8	54·2	15·1	25	...	0·7	...	14·3	0	21	10	3	2	0	0	0	1	10	15	
Rajkot (Aerodrome)	0530	439	1010·1	994·7	...	67·0	61·3	56·0	16·0	71	...	1·5	...	4·6	0	1	26	1	0	1	0	3	6	12	4	
	0830	"	1012·2	996·8	...	72·0	65·5	59·8	18·5	70	...	1·0	...	5·3	0	1	26	2	2	1	1	1	6	12	2	
	1180	"	1012·1	997·2	...	89·9	66·5	43·8	11·6	25	...	0·6	...	11·3	0	11	20	8	1	2	0	0	2	6	12	
Veraval	0230	26	1010·2	1009·3	...	70·9	66·3	62·8	20·0	78	...	0·5	...	11·2	0	5	26	11	0	0	0	0	0	1	19	
	0530	"	1010·0	1009·1	...	68·5	64·1	60·1	18·5	78	...	1·4	...	9·7	0	6	24	18	1	0	0	0	0	0	11	
	0830	"	1012·1	1011·2	−0·7	73·2	65·9	58·8	18·4	68	+5	1·5	+0·4	8·3	0	4	27	12	1	0	0	0	0	0	18	
	1130	"	1012·6	1011·7	...	86·5	71·6	58·6	19·7	51	...	0·3	..	11·9	0	8	23	4	2	1	0	0	0	13	11	
	1730	"	1009·1	1008·2	...	81·8	74·5	70·5	25·9	70	...	0·4	...	16·2	0	23	8	0	0	0	0	1	2	14	14	
	2330	"	1011·5	1010·5	...	75·1	69·5	65·7	22·1	75	...	0·5	..	9·9	0	4	27	7	1	0	0	0	1	1	21	
Mahuva	0830	51	1011·2	1009·4	...	77·4	64·1	53·7	14·4	47	...	0·7	...	2·6	0	0	31	1	14	0	0	0	2	0	14	
	1730	"	1007·8	1006·1	...	90·1	73·6	63·7	20·8	44	...	0·3	...	15·3	0	20	11	0	1	0	6	10	14	0	0	
Bhavnagar	0830	55	1012·4	1010·4	−0·4	73·7	62·3	52·8	14·0	49	+2	0·3	−0·9	4·0	0	0	29	1	1	0	1	3	10	10	3	
	1730	"	1007·6	1005·8	...	99·1	73·9	57·9	17·1	27	...	0·7	...	5·0	0	0	31	2	7	13	2	3	1	1	2	
Bhavnagar (Aerodrome)	0830	35	1011·9	1010·7	...	77·6	62·8	49·6	12·8	40	..	0·4	...	7·5	0	5	23	2	1	0	0	2	3	6	14	
	1130	"	1012·2	1011·0	..	89·9	69·2	53·7	15·0	32	...	0·2	...	9·9	0	4	27	4	12	9	1	0	0	2	3	
Konkan																										
Dahanu	0830	15	1011·2	1010·7	...	77·6	71·8	68·5	24·0	75	...	0·9	...	6·1	0	2	28	3	2	14	9	0	0	2	0	
	1730	"	1008·2	1007·7	..	85·7	79·1	76·0	31·0	74	...	0·2	...	12·1	0	11	20	7	0	0	0	0	1	13	10	
Bombay (Colaba)	0830	35	1011·6	1010·4	−0·7	81·3	74·2	70·4	25·7	70	−3	0·9	−0·4	3·4	0	0	25	6	5	6	6	1	0	0	1	
	1130	"	1011·9	1010·7	...	88·2	76·0	69·7	25·1	55	...	0·3	...	2·9	0	0	23	1	0	0	2	3	1	6	10	
	1730	"	1008·4	1007·2	...	86·5	76·1	70·8	26·0	60	...	0·6	...	10·9	0	10	21	2	0	0	0	0	1	11	17	
Bombay (Santacruz Aerodrome)	0230	27	1009·5	1008·6	...	74·6	70·1	67·3	23·1	79	...	0·8	...	3·0	0	0	22	8	7	1	1	0	1	1	3	
	0530	"	1009·3	1008·4	...	72·5	68·9	66·7	22·5	83	...	0·7	...	2·1	0	0	18	4	10	2	1	0	0	0	1	
	0830	"	1011·5	1010·6	−0·8	79·0	71·6	67·4	23·1	69	−1	0·8	−0·5	1·9	0	0	15	3	4	4	3	1	0	0	0	
	1130	"	1011·9	1011·0	...	90·0	73·2	63·0	20·3	43	...	0·5	...	7·1	0	0	30	2	1	1	0	2	3	11	10	
	1730	"	1008·3	1007·4	...	87·6	73·9	65·9	22·3	51	...	0·6	...	14·6	0	18	13	3	0	0	0	0	0	7	21	
	2330	"	1010·9	1010·0	...	77·6	71·2	67·6	23·1	72	...	0·7	...	2·2	0	0	15	4	2	0	1	1	1	0	6	
Alibag	0830	23	1011·6	1010·8	−0·5	78·4	74·0	71·9	26·7	81	+16	0·7	−0·6	1·5	0	0	16	3	6	6	1	0	0	0	0	
Harnai	0830	66	1011·4	1009·1	...	80·9	73·7	69·9	25·1	70	...	1·5	...	4·5	0	0	27	5	6	7	3	2	0	0	4	
	1730	"	1008·4	1006·1	...	84·3	77·8	74·8	29·6	73	...	1·8	...	14·1	0	13	18	2	0	0	0	0	5	9	15	
Ratnagiri	0830	116	1011·3	1007·3	−0·6	79·2	74·2	71·2	26·6	77	...	1·6	...	...	0	0	31	0	2	29	0	0	0	0	0	
	1730	"	1008·2	1004·3	...	86·8	77·7	73·5	28·3	65	...	1·5	...	...	0	8	23	0	0	0	0	0	1	29	1	
Devgad	0830	117	1011·6	1007·5	...	79·4	75·1	72·8	27·8	80	...	1·8	...	4·5	0	0	31	1	8	13	8	1	0	0	0	
	1730	"	1008·4	1004·4	...	86·7	78·3	74·4	29·3	68	...	1·2	...	13·4	0	12	19	1	0	0	0	0	1	14	15	
Vengurla	0230	29	1009·4	1008·4	...	77·0	74·0	72 5	27·3	87	...	0·5	...	...	0	0	5	4	0	0	0	1	0	0	0	
	0530	"	1009·6	1008·6	...	75·7	73·3	72·0	26·9	89	...	0·7	...	...	0	0	4	3	1	0	0	0	0	0	0	
	0830	"	1012·2	1011·2	...	80·5	75·4	73·0	27·8	78	...	2·3	...	...	0	1	11	2	0	8	0	0	1	0	1	
	1130	"	1012·3	1011·3	...	88·3	77·5	72·2	27·3	59	...	1·4	...	...	0	1	25	2	0	0	0	1	14	6	3	
	1730	"	1008·6	1007·6	...	86·8	77·7	73·6	28·3	65	...	1·2	...	...	0	0	23	0	0	0	0	0	5	16	2	
	2330	"	1011·1	1010·1	...	79·7	75·3	73 2	27·9	81	...	0·1	...	...	0	0	6	1	0	0	0	0	0	4	1	
Marmagao	0830	202	1011·8	1004·9	0	82·0	77·0	74·9	29·4	79	+5	3·3	+1·1	5·0	0	0	31	4	7	9	5	3	1	1	1	
	1730	"	1008·2	1001·5	...	85·3	79·7	77·4	32·1	78	...	2·3	...	6·4	0	1	30	0	0	0	0	0	2	20	9	
Karwar	0830	13	1012·0	1011·5	−0·1	80·2	75 9	73·9	28·6	81	...	1·9	...	...	0	0	2	0	0	1	0	0	0	0	1	
	1730	"	1008·5	1008·1	...	85·6	78·4	75·3	30·0	71	...	2·1	...	...	0	2	29	0	0	0	0	0	2	14	15	
Honavar	0830	85	1012·0	1009·1	...	79·9	75·9	74·3	28·7	83	...	2·6	...	2·5	0	0	29	1	2	25	1	0	0	0	0	
	1730	"	1008·3	1005·4	...	87·3	79·1	75·5	30·2	68	...	2·8	...	4·3	0	0	31	0	0	1	2	0	1	18	9	
Deccan (Desh)																										
Jalgaon	0830	660	1011·6	988·6	...	74·0	55·7	33·1	7·0	24	...	0·3	...	5·7	0	2	23	1	0	3	4	2	7	7	1	
	1730	"	1005·2	983·6	...	104·2	67·1	27·2	6·0	8	...	0·4	...	10·5	0	9	20	3	1	1	1	0	5	8	10	
Malegaon	0830	1,432	1011·9	963·2	−0·2	81·5	60·6	39·3	8·7	24	−16	0·3	−0·8	1·4	0	0	16	1	1	0	1	0	3	1	9	
	1730	"	1005·1	958·7	...	98·5	65·7	32·1	6·7	11	...	0·4	...	2·6	0	0	25	1	6	3	0	0	1	6	8	
Deolali	0830	1,875	900·3	948·2	...	75·2	60·8	50·1	12·3	45	...	0·4	...	2·8	0	2	18	3	0	1	0	8	6	2	0	
Ahmednagar	0830	2,154	901·5	939·3	−0·1	76·6	57·5	38·0	8·5	26	−4	0·4	−0·4	2·3	0	0	22	2	4	0	0	0	1	0	15	
	1730	"	898·9	935·0	...	98·3	64·7	34·8	7·2	12	...	0·9	...	3·2	0	0	28	2	7	1	0	0	2	1	15	
Poona	0530	1,835	897·3	947·4	...	67·4	61·0	56·4	15·7	69	...	0·5	..	0·6	0	0	7	0	0	0	0	0	3	4	0	
	0830	"	900·1	949·7	−0·2	73·6	62·9	55·6	15·3	54	0	0·3	−0·5	0·5	0	0	7	0	0	0	0	0	2	4	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).		Mean wind speed, miles per hour.	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
Deccan (Deoli)—*contd.*																										
Poona—*contd.*	1130	1,835	901·9	949·6	...	92·5	67·2	49·6	12·5	24	...	0·1	...	2·6	0	0	28	0	1	21	1	0	0	4	1	3
	1730	"	898·2	945·3	...	97·8	70·2	52·8	14·0	23	...	0·7	...	3·4	0	0	27	0	2	4	0	0	1	16	4	4
	2330	"	899·5	948·5	...	77·7	66·3	59·0	17·4	54	...	0·6	...	0·8	0	0	11	0	0	0	0	0	5	6	0	20
Poona (Lohagaon Aerodrome)	0230	1,947	898·2	943·7	...	73·2	60·6	50·0	12·9	47	...	0·3	...	1·4	0	0	10	0	0	0	0	0	0	4	6	21
	0530	"	897·8	943·5	...	69·1	57·8	49·4	11·8	51	...	0·4	...	1·8	0	0	15	1	0	0	0	1	0	7	6	16
	0830	"	900·5	945·8	...	75·3	60·8	49·4	12·3	42	...	0·4	...	2·3	0	1	16	0	0	0	0	0	1	13	3	14
	1130	"	902·1	945·9	...	92·3	63·1	38·2	7·9	17	...	0·3	...	6 0	0	3	24	2	4	10	3	1	0	3	4	4
	1730	"	898·3	941·6	...	96·9	61·3	35·2	7·3	13	...	0·9	...	13·0	0	16	13	4	2	1	1	0	0	8	13	2
	2330	"	899·8	944·8	...	77·8	63·2	53·2	13·9	44	...	0·6	...	4·1	0	0	26	0	0	0	0	0	0	17	9	5
Jeur	0830	1,709	899 0	953·4	...	77·6	62·5	50·9	13·2	42	...	0·2	...	3·9	0	1	25	6	4	1	2	3	1	4	5	5
	1730	"	897·4	948·6	...	100·6	74·4	58·3	18·3	29	...	0·9	...	5 2	0	1	30	6	6	4	1	1	1	6	6	0
Sholapur	0530	1,570	1009·4	956·1	...	75·5	57·2	40·1	8·6	30	...	0·4	...	0·6	0	0	6	1	0	1	1	0	2	0	1	25
	0830	"	1010·9	958·1	−0·2	82·5	60·1	39.8	8·7	23	−12	0·6	−0·4	1·9	0	0	18	1	12	0	2	0	2	1	0	13
	1130	"	1009·5	957·7	...	96·2	65·5	41·1	9·0	16	...	0·3	...	4·9	0	0	27	3	7	0	3	7	5	0	2	4
	1730	"	1004·0	953·3	...	100·9	66·8	40·0	8·6	13	...	1·4	...	2·7	0	1	19	1	7	1	5	0	6	0	0	11
	2330	"	1008·7	956·3	...	85·6	60·0	35·3	7·3	17	...	0·6	...	1·7	0	1	10	0	2	0	3	0	3	1	2	20
Miraj	0830	1,817	900·1	950·1	−0·3	75·7	65 3	58·7	17·1	55	+3	0·2	−0·8	2·3	0	0	19	1	1	4	0	0	3	5	5	12
	1730	"	898·1	945·7	...	98·0	70·0	52·6	13·6	23	...	1·1	...	7·4	0	2	29	4	7	7	1	0	3	5	4	0
Kolhapur	0530	1,870	897·6	946·0	...	70·2	55·6	62·7	19·7	79	...	0·3	...	3·2	0	0	22	1	1	2	1	0	2	15	0	9
	0830	"	900·1	948·3	...	74·2	66·2	61·1	18·7	65	...	0·2	...	2·6	0	0	18	0	1	1	0	0	1	14	1	13
	1130	"	901·5	948·1	...	91·6	66·7	49·2	12·2	25	...	0·3	...	6·6	0	3	23	2	8	5	1	2	1	3	4	5
	1730	"	897·7	943·9	...	94·0	71·3	57·4	16·9	32	...	0·9	...	12·6	0	15	16	0	1	2	1	1	0	24	2	0
Bijapur	0830	1, 50	900·6	945·4	−0·4	79·3	63·0	50·6	13·0	39	−8	0·6	−0·3	3·5	0	10	29	7	1	0	0	2	9	4	6	2
	1730	"	897·9	940·9	...	99 2	66·8	41·5	9·3	14	...	1·4	...	2·9	0	0	26	5	3	7	2	1	1	4	3	5
Belgaum	0830	2,562	902·4	926·4	+0·5	...	...	...	...	...	...	0·5	−0·4	0·6	0	0	8	2	1	0	0	3	2	0	0	23
	1730	"	899·8	922·7	...	...	...	...	...	...	...	2·2	...	3·5	0	0	24	8	3	0	0	5	4	2	2	7
Belgaum (Sambre Aerodrome)	0530	2,497	900·1	926·2	...	68·6	62·7	58·6	17·0	72	...	0·4	...	2·1	0	0	19	1	2	0	3	4	2	7	0	12
	0830	"	902·3	928·2	...	76·2	65·8	59·0	17·4	58	...	0·5	...	4·5	0	3	17	1	2	0	2	3	4	8	0	11
	1130	"	902·8	928·1	...	89·6	66·0	48·7	12·3	27	...	0·1	...	7·7	0	7	20	2	3	1	10	5	2	1	3	4
	1730	"	899·5	924·6	...	91·4	69·6	54·3	15·8	32	...	1·0	...	14·1	0	18	13	1	3	4	3	0	4	16	0	0
Gadag	0830	2,131	901·5	940·0	+0 1	78·5	72·3	69·0	24·5	74	+17	0·7	−0·2	5·9	0	0	30	0	0	2	2	1	8	13	4	1
	1730	"	898·5	935·4	...	97·4	80·4	72·3	28·4	47	...	2·4	...	5·2	0	0	30	0	9	11	2	0	1	5	2	1
Gadag (P. B. O.)	0530	2,150	898·9	937·0	...	73·4	68·1	65·5	21·3	78	...	0·2	...	...	0	4	21	0	0	0	3	2	13	7	0	6
	0830	"	901·6	939·3	...	79·0	70·4	67·0	21·9	67	...	0·5	...	...	0	1	16	0	0	0	0	2	11	4	0	14
	1130	"	902·2	939·2	...	90·6	72·4	64·5	19·7	43	...	0·1	...	...	0	0	14	0	1	0	1	1	5	6	0	17
	1730	"	898·5	935·1	...	96·1	73·5	63·9	19·0	35	...	1·2	...	...	0	1	13	1	3	4	1	0	3	2	0	17
	2330	"	900·4	938·0	...	79·8	69·0	63·7	19·7	60	...	0·5	...	...	0	3	18	0	0	2	0	1	4	14	0	10
Hyderabad, North																										
Aurangabad	0830	1,905	900·5	947·2	−0·8	77·4	57·6	37·9	8·2	27	−5	0·4	−0·7	4·3	0	3	23	5	3	7	2	2	2	5	0	5
	1730	"	898·7	943·3	...	99·2	65·4	37·5	7·6	12	...	0·8	...	7·7	0	5	26	6	1	2	2	0	2	13	5	0
Aurangabad (Chikalthana Aerodrome)	0230	1,898	897·8	944·8	...	73·8	55·9	37·2	8·1	29	...	0·2	...	6·3	0	2	22	3	0	2	0	1	0	7	11	7
	0530	"	897·7	945·1	...	70·1	54·5	38·1	8·3	33	...	0·3	...	4·3	0	2	15	4	0	0	1	0	1	7	4	14
	0830	"	901·0	947·3	...	83·3	62·4	44·4	10·8	28	...	0·3	...	4·3	0	1	19	3	3	1	5	0	0	5	3	11
	1130	"	902·0	947·3	...	94·1	66·0	42·9	10·5	20	...	0·5	...	7·9	0	6	21	7	3	4	6	1	1	2	3	4
	1730	"	898·4	943·3	...	98·1	67·0	41·0	10·0	16	...	0·5	...	7·9	0	4	24	10	3	1	0	0	1	5	8	3
	2330	"	899·2	946 0	...	77·4	57·7	37·7	8·3	26	...	0·5	...	5·7	0	0	23	5	1	0	0	0	0	8	9	8
Parbhani	0830	1,393	1011·2	964·1	...	81·6	62·4	44·5	10·6	29	...	0·1	...	...	0	3	21	0	0	0	0	0	3	19	2	7
	1730	"	1004·4	959·4	...	101·3	69·7	43·4	10·5	16	...	0·3	...	...	0	3	21	10	0	1	0	1	1	11	0	7
Ramagundam	0830	513	1011·3	993·8	...	83·2	67·9	57·1	16·4	45	...	0·2	...	5 4	0	0	29	2	0	4	10	10	1	1	1	2
	1730	"	1005·2	988·3	...	102·4	71·9	48·7	12·9	19	...	1·2	...	3 1	0	0	29	3	2	8	9	2	1	1	3	2
Nizamabad	0830	1,250	1010·6	968·3	−1·0	82·4	63·3	46·8	11·3	30	−14	0·3	−0.9	0·8	0	0	14	1	0	0	2	5	2	2	2	17
	1730	"	1004·3	963·8	...	100·6	68·8	42·6	9·8	15	...	0·4	...	0·9	0	0	14	4	3	:	0	1	0	2	3	17
Bidar	0830	2,178	901·1	937·7	...	80·6	62·4	47·3	11·9	34	−7	0·3	−1.5	9·7	0	5	26	2	0	1	0	2	17	4	5	0
	1730	"	898·4	933·8	...	96·8	67·2	45·5	10·7	18	...	1·1	...	6·3	0	2	28	3	8	6	0	2	3	3	5	1
Hyderabad, South																										
Gulbarga	0830	1,503	1010·7	960·2	−0·3	82·1	61·9	46·0	10·8	29	−12	0·2	−0.5	4·5	0	1	27	4	5	8	2	1	3	2	3	3
	1730	"	1004·0	955·3	...	100·7	67·3	41·1	9·3	14	...	0·9	...	6·0	0	1	30	6	4	9	5	2	0	3	2	0
Raichur	0830	1,311	1011·0	966 7	−0·1	82·1	69.5	61·3	19·0	51	+4	0·3	−0.7	4·8	0	0	27	1	2	1	9	3	4	3	4	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, miles per hour.	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, South—*contd.*																										
Raichur—*contd.*	1730	1,311	1004·8	962·1	...	99·5	73·8	57·5	16·8	26	...	0·8	...	5·7	0	0	31	2	8	10	5	1	0	3	2	0
Mahbubnagar	0830	1,657	900·0	955·1	...	82·8	70·7	64·2	20·7	55	...	0·4	...	5·2	0	3	24	2	2	3	1	2	10	1	6	4
	1730	"	897 6	951·0	...	97·5	77·8	68·3	24·5	41	...	0·7	...	7·0	0	3	27	1	5	7	7	4	4	1	1	1
Hyderabad (Nizamiah)	0830	1,778	900·4	951·2	−0·2	81·2	64·2	52·1	13·6	38	−18	1·5	−0·9	5·9	0	4	18 (a)	2	0	2	2	3	4	3	6	9
	1730	"	998·3	947·4	...	96·9	67·3	45·3	10·8	17	...	0·7	...	6·5	0	1	25	4	3	9	6	2	1	0	1	4
Hyderabad (Begumpet Aerodrome).	0230	1,787	897·2	948·0	...	76·2	62·4	52·3	13·6	44	...	0·2	...	4·1	0	1	19	3	1	5	7	2	0	0	2	11
	0530	"	897·3	948·5	...	71·4	60·8	52·7	13·9	54	...	0·4	...	3·5	0	2	14	4	0	3	5	2	0	0	2	15
	0830	"	900·4	951·1	...	80·4	64·6	53·6	14·4	41	...	0·5	...	5·9	0	3	20	1	0	0	5	3	4	5	5	8
	1130	"	901·5	950·9	...	93·3	67·2	41·0	12·1	24	...	0·5	...	8·4	0	3	28	2	1	1	8	8	4	5	2	0
	1730	"	898·2	947·0	...	96·5	67·6	47·3	11·3	19	...	0·8	...	7·9	0	1	29	5	4	9	7	3	1	0	1	1
	2330	"	899·2	949·6	...	81·1	64·0	52·0	13·5	37	...	0·1	...	5·0	0	0	26	3	4	7	8	3	0	1	0	5
Hakimpet	0530	2,012	898·2	941·1	...	74·1	63·1	54·3	15·3	53	...	0·3	...	3.2	0	1	16	1	1	3	0	3	5	1	3	14
	0830	"	900·8	943·2	...	80·8	65·1	52·9	14·8	41	...	0·4	...	7·3	0	3	27	2	1	1	4	1	7	12	2	1
	1130	"	901·7	943·3	...	92·3	66·7	46·0	12·0	22	...	0·2	...	8·1	0	4	27	5	1	1	5	4	7	8	0	0
	1730	"	898·5	939·7	...	94·9	67·2	44·5	11·5	19	...	0·4	...	5·8	0	0	30	4	6	8	4	3	2	0	3	1
Hanamkonda	0830	881	1011·5	981·3	−0·7	79·3	69·5	63·1	20 1	62	0	0·5	−1·5	6·1	0	2	28	1	0	1	14	12	1	0	1	1
	1730	"	1005·7	976·8	...	99·3	68·9	44·3	10·3	17	...	0·2	...	2·6	0	0	29	7	3	2	11	4	0	1	1	2
Bhadrachallam	0830	364	1012·1	999·4	...	80·1	73·4	70·0	25·1	72	...	2·2	...	5·7	0	0	29	1	0	0	14	11	2	1	0	2
	1730	"	1005·9	993·9	...	100·1	71·1	50·6	12·9	20	...	2·1	...	5·0	0	0	27	0	4	0	6	6	7	1	3	4
Khammameth	0830	367	1011·6	998·9	...	79·6	76·9	75·3	30·4	88	...	2·4	...	6·1	0	0	31	0	1	1	15	12	0	0	2	0
	1730	"	1006·1	994·5	...	100·3	83·8	76·3	32·0	49	...	0·5	..	3·4	0	0	27	0	0	2	13	9	0	0	3	4
Coastal Andhradesa																										
Nellore	0530	65	1009·1	1006 8	...	74·4	72·3	71·3	26·1	89	...	0·8	...	3·8	0	0	29	0	0	1	14	10	3	1	0	2
	0830	"	1011·5	1009·2	−0·6	81·2	74·6	71·3	26·3	72	−6	2·4	+0·3	4·7	0	0	29	0	0	0	7	19	1	1	1	2
	1130	"	1010·7	1008·5	...	92·7	74·5	64·6	20·9	41	...	0·7	...	4·6	0	0	31	0	0	0	17	9	3	1	1	0
	1730	"	1007·6	1005·4	...	88·1	76·6	70·5	26·0	57	...	2·8	...	6.4	0	0	31	0	0	14	16	1	0	0	0	0
	2330	"	1010·5	1008·2	...	78·4	74·8	73·3	27·9	86	...	0.3	...	3·0	0	0	23	0	0	0	12	9	2	0	0	8
Ongole	0830	38	1011·5	1010·2	...	81·6	74·3	70·3	25·7	71	...	1·0	...	5·9	0	0	30	0	0	0	12	12	4	2	0	1
	1730	"	1007·5	1006·2	...	86·5	75·3	69·7	25·8	58	...	0·1	...	6·8	0	0	31	0	0	8	21	2	0	0	0	0
Gannavaram	0530	88	1009·5	1006·5	...	74·3	72·8	72·0	26·9	93	...	2·4	...	1·8	0	0	18	1	0	6	8	3	0	0	0	13
	0830	"	1011·9	1008·9	...	81·1	76·3	73.6	28·8	79	...	3·4	...	4·9	0	0	28	1	0	2	8	13	3	1	0	3
	1130	"	1011·3	1008·3	...	92·6	77·9	70·6	26·0	50	...	0·7	...	7·0	0	1	30	1	0	1	7	14	6	0	2	0
	1730	"	1007·3	1004·4	...	93·4	76·5	68·0	23·5	45	...	0·3	...	11·7	0	13	17	0	0	0	5	23	1	1	0	1
	2330	"	1010·6	1007·5	...	77·2	74·3	72·6	27·6	86	...	0·1	...	2·3	0	0	22	0	0	1	2	15	3	1	0	9
Masulipatam	0230	10	1009·0	1008·7	...	76·8	74·9	74·1	28·7	91	...	1·1	...	3·6	0	0	25	0	0	0	1	22	2	0	0	6
	0530	"	1009·6	1009·3	...	75·1	73·7	73·0	27·8	94	...	1·5	...	1·1	0	0	13	0	0	0	0	10	3	0	0	18
	0830	"	1011·6	1011·3	−0·9	82·0	77·5	75·0	30·2	81	+2	2·9	+0·6	5·6	0	0	30	0	0	0	3	24	2	1	0	1
	1130	"	1011·4	1011·1	...	89·2	78·2	73·1	27·9	60	...	1·4	...	8·0	0	0	31	1	1	1	5	17	6	0	0	0
	1730	"	1008·1	1007·8	..	85·7	77·4	74·0	28·3	68	...	0·2	...	6·9	0	0	31	0	0	0	2	28	1	0	0	0
	2330	"	1010·5	1010·2	...	78·8	76·1	75·0	29·5	88	...	0·1	...	3·6	0	0	24	1	0	0	2	19	2	0	0	7
Kakinada	0830	26	1012·3	1011·4	−0·5	84·2	77·6	74·7	29·3	73	−1	2·7	0	6·0	0	0	31	0	0	0	1	0	29	0	1	0
	1730	"	1007·8	1006·9	...	88·1	79·0	74·8	29·8	65	...	0·1	...	6·3	0	0	31	0	0	0	8	2	21	0	0	0
Visakhapatnam	0230	11	1008·7	1008·3	...	77·5	74·9	73·6	28·4	88	...	2·2	...	2·9	0	0	15	0	0	0	0	0	10	4	1	16
	0530	"	1009·2	1008·8	...	76·3	73·7	72·3	27·3	88	...	2·1	...	2·1	0	0	11	0	1	0	0	0	7	3	0	20
	0830	"	1011·8	1011·4	−0·7	82·3	75·2	71·6	26·7	70	−3	2·6	+0·3	8·2	0	2	26	0	0	0	0	2	16	10	0	3
	1130	"	1011 0	1010·6	...	90 3	77·1	70·7	25·8	53	...	1·3	...	12·7	0	11	20	0	0	0	0	13	18	0	0	0
	1730	"	1007·9	1007·5	...	84·2	76·5	73·2	27·7	68	...	1·3	...	12·7	0	14	17	0	0	0	0	14	17	0	0	0
	2330	"	1010·3	1009·9	...	79·5	75·8	74·1	29·1	84	...	1·7	...	4·1	0	1	16	0	0	0	0	1	12	3	1	14
Calingapatam	0830	19	1011·3	1010·6	−1·2	78·4	74·8	73·3	27·9	84	+9	3·0	+1·3	5·2	0	0	31	0	0	0	0	12	12	3	4	0
	1730	"	1007·4	1006·7	...	83·5	77·3	74·4	29·2	74	...	2·8	..	12·2	0	4	27	0	0	0	0	15	16	0	0	0
Rentachintala	0830	348	1011·0	998 9	...	79·9	71·4	66·2	22·4	64	+2	0·3	−2·8	3·0	0	0	24	3	0	1	2	12	2	2	2	7
	1730	"	1005·8	994·3	...	102·0	72·5	52·6	13·9	20	...	0·4	...	3·5	0	0	29	6	2	13	1	4	0	3	0	2
Rayalaseema																										
Arogyavaram	0830	2,299	901·8	934·7	...	75·4	64·5	56·9	16·3	56	...	0·8	...	1·9	0	0	20	1	0	0	11	5	1	0	2	11
	1730	"	899·3	930·9	...	91·5	63·7	40·4	8·9	18	...	1·2	...	4·3	0	0	31	2	14	8	7	0	0	0	0	0
Cuddapah	0830	428	1011·5	996·9	−0·1	88·0	71·9	62·2	19·5	43	−14	0·2	−1·0	1·3	0	0	14	1	0	9	0	0	0	4	0	17
	1730	"	1005·8	991·7	...	100·7	76·1	61·2	19·6	30	...	0	...	3·6	0	0	26	0	0	24	0	0	0	2	0	5
Bellary	0830	1,473	1010·6	961·0	−0·3	82·2	66·4	54·2	15·1	41	−5	0·2	−1·0	2·1	0	0	17	1	0	0	7	1	2	0	6	14
	1730	"	1004·0	956·3	...	99·1	69·1	44·2	10·6	17	...	1·0	...	3·0	0	0	27	1	2	9	1	0	1	0	2	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.			Mean temperature in °F.			Vapour pressure in mbs.	Relative humidity %.		Cloud amount (Oktas).		Mean wind speed, miles per hour.	Wind Speed (m.p.h.)			No of observations. Wind direction.								
			At mean sea or nearest p.s.m. 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
alaseema—*contd.*																										
urnool	0830	923	1011·1	979·7	−0·3	81·4	66·9	56·5	16·0	44	−5	0·3	−0·7	2·6	0	4	2	0	0	0	1	1	0	3	1	25
	1730	"	1004·3	974 6	...	100·8	69·3	44·3	10·2	15	...	0·7	...	3·3	0	0	13	2	1	4	2	2	0	2	0	18
nantapur	0530	1,147	1008·9	969·5	...	73·1	60·0	48·1	11·8	42	...	0·2	...	2·5	0	1	10	1	0	2	1	2	1	4	0	20
	0830	"	1011·1	972 1	...	79·0	65·0	54·3	14·8	44	...	0·1	...	3·2	0	0	18	0	0	0	2	3	7	4	2	13
	1130	"	1009·7	971·6	...	93·7	67·9	47·2	12·0	22	...	0·3	...	4·5	0	0	22	1	0	2	6	4	7	2	0	9
	1730	"	1004·4	967·0	...	99·6	67·9	41·6	9·0	15	...	0·6	...	8·3	0	3	26	1	7	15	3	0	1	0	2	2
	2330	"	1008.6	970·1	...	85 2	64·1	46·2	10·0	27	...	0·2	...	4·8	0	1	19	0	1	11	6	0	2	0	0	11
nilnad																										
alayamcottai	0830	167	1011·8	1006·0	...	83·2	78·3	76·1	30·9	80	...	3·3	...	3·2	0	0	30	16	3	1	1	0	0	6	3	1
	1730	"	1007·4	1001·7	...	91·3	82·9	79·5	34·6	69	...	2·1	...	7·2	0	0	31	1	1	15	11	1	0	1	1	0
amban	0830	37	1011·7	1010·4	−0·3	84·2	81·0	79·7	34·7	85	+9	1·9	−0·7	4·0	0	0	31	3	7	7	5	6	3	0	0	0
	1730	"	1008·1	1006·9	...	85·1	82·6	81·1	36·9	89	...	0·8	...	3·9	0	0	31	6	13	7	0	4	1	0	0	0
Fathurai	0830	437	1011·8	996·8	−0·5	83·5	75·9	72·1	27·1	69	0	3·6	+0·2	1·9	0	0	21	4	8	5	0	1	1	0	2	10
	1730	"	1006·4	991·9	...	95·5	74·5	63·3	19·6	36	...	3·1	...	2·9	0	0	28	0	7	13	7	1	0	0	0	3
agapattinam	0830	31	1012·3	1011 2	0	83·1	76·4	73·2	28·0	72	−3	3·1	−0·4	5·5	0	0	27	1	5	6	3	3	5	1	3	4
	1730	"	1008·4	1007·4	...	84·8	77·1	73·5	28·3	69	...	2·3	...	11·4	0	7	24	0	3	16	10	1	1	0	0	0
Tiruchirapalli	0230	289	1009·8	999·7	...	77·5	73·1	70·8	25·9	81	...	1·6	...	4·3	0	1	21	1	5	10	3	2	0	1	0	9
	0530	"	1010·3	1000·2	...	75·9	72·5	70·8	25·8	84	...	2·2	...	2·9	0	1	18	1	9	5	0	0	0	3	1	12
	0830	"	1011·1	1002·1	−0·7	81·2	74·9	72·0	26·7	73	−4	2·9	+0·6	4·6	0	2	23	2	12	4	1	1	0	4	1	6
	1130	"	1011·5	1001·6	...	90·2	75·8	68·6	23·9	49	...	2·5	...	6·0	0	2	27	2	11	6	1	2	2	3	2	2
	1730	"	1006·8	997·1	...	95·7	73·6	60·6	18·3	32	...	1·7	...	8·8	0	1	28	0	3	21	3	1	0	1	0	2
	2330	"	1011·2	1001·2	...	80·8	73·9	70·5	25·5	71	...	0·6	...	6·3	0	0	27	0	2	15	6	3	1	0	0	4
Coimbatore	0830	1,341	1012·6	967·0	+0·3	78·5	70·5	65·6	21·9	66	−9	1·3	−1·3	7·0	0	0	31	0	15	16	0	0	0	0	0	0
	1730	"	1006·1	962·3	...	94·7	68·2	46·6	11·6	21	...	1·5	...	9·2	0	0	31	0	15	16	0	0	0	0	0	0
Coimbatore (Peelamedu Aerodrome).	0530	1,307	1010·2	935·4	...	72·6	69·0	66·9	22·0	83	...	1·2	...	6·1	0	2	25	6	5	3	0	6	5	0	2	4
	0830	"	1012·1	967·5	...	77·2	70·9	67·4	23·0	73	...	1·7	...	7·9	0	0	30	9	9	4	0	4	3	0	1	1
	1130	"	1010·5	966·7	...	87·7	71·6	61·4	19·2	42	...	1·3	...	7·7	0	3	28	4	8	8	3	5	1	0	2	0
	1730	"	1005·4	962·5	...	94·5	69 0	48 6	13·8	23	...	1·5	...	13·8	0	13	18	0	6	18	2	2	2	1	0	0
	2330	"	1010·4	966·2	...	79·9	72·5	68·5	24·0	69	...	1·0	...	11·3	0	12	18	0	0	5	0	12	13	0	0	1
Salem	0530	913	1009·5	978·1	...	75·6	70·5	67·5	23·2	76	...	0·5	...	1·2	0	0	11	0	9	0	1	0	1	0	0	20
	0830	"	1012·1	980·9	−0·3	79·7	71·6	67·2	22·8	66	−4	0·9	−0·6	3·7	0	0	28	0	23	1	0	0	4	0	0	3
	1130	"	1010·7	980·2	...	89·9	71·7	60 6	18·3	38	...	0·8	...	2·8	0	0	28	1	16	3	1	1	5	1	0	3
	1730	"	1005·4	975·4	...	97·2	69·3	47·7	11·8	20	...	1·2	...	3·8	0	0	30	0	3	23	1	3	0	0	0	1
	2330	"	1010·2	979·2	...	83.1	71·4	64·7	21·0	55	...	0·7	...	5 9	0	0	29	0	24	4	1	0	0	0	0	2
Tallakurichi	0830	416	1012·1	997·7	...	80·1	73·4	70·2	25·3	72	...	2·4	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	1730	"	1006·5	992·9	...	95·7	73·3	59·6	17·9	31	...	1·7	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tuddalore	0530	39	1010·0	1008·6	...	73·9	71·9	71·0	25·8	91	...	0·8	...	1·2	0	0	14	4	4	1	2	1	0	0	2	17
	0830	"	1012·4	1011·0	−0·2	81·1	75·4	72·7	27·5	76	−4	1·6	−0·9	3·0	0	0	20	2	1	0	3	1	7	1	5	11
	1130	"	1012·1	1010·7	...	88·2	76·5	71·0	25·8	57	...	1 6	...	6·1	0	0	31	0	3	7	15	3	1	1	1	0
	1730	"	1008·3	1007·0	...	85·0	76·7	72·8	27·6	67	...	2·1	...	5·0	0	0	31	0	2	10	19	0	0	0	0	0
	2330	"	1011·4	1010·1	...	80·5	75·7	73·5	29·2	79	...	0·3	...	5·1	0	0	29	0	1	8	15	2	3	0	0	2
Tellore	0530	703	1010·2	985·8	...	71·9	69·2	67·7	23·1	87	...	2·0	...	2·0	0	0	20	3	2	0	0	3	6	4	2	11
	0830	"	1012·2	988·0	+0·1	78·0	71·0	67·2	15·5	70	−6	1·4	−0·4	1·0	0	0	10	0	0	0	1	1	5	1	2	21
	1130	"	1010·6	987·0	...	89·8	72·6	62·4	19·5	41	...	2·3	...	4·7	0	0	30	1	3	1	7	5	7	2	4	1
	1730	"	1006·9	983·5	...	94·1	70·4	54·8	15·5	27	...	1·0	...	5·1	0	0	31	1	1	10	11	8	0	0	0	0
	2330	"	1011·0	986·9	...	80·5	72·3	67·9	23·5	67	...	0·5	...	3·1	0	0	26	0	0	1	12	11	2	0	0	5
Madras	0230	51	1009·8	1007·7	...	77·1	74·5	73·3	28·0	88	...	1·0	...	3·3	0	0	25	0	0	0	1	12	5	6	1	6
	0530	"	1010·0	1008·2	...	75·8	73·6	73·0	27·6	91	...	1·3	...	4·2	0	1	22	0	0	0	1	4	3	9	6	8
	0830	"	1012·2	1010·5	−0·2	81·6	75·7	72·8	27·7	75	−2	1·9	−0·2	5·2	0	0	26	0	0	0	0	4	10	11	1	5
	1130	"	1011·5	1009·8	...	90·4	75·6	68·0	23·5	49	...	1·3	...	7·3	0	1	29	0	2	4	7	6	7	3	1	1
	1730	"	1008·3	1006·6	...	85·8	76·3	71·7	26·7	63	...	0·7	...	8·9	0	2	29	0	0	4	23	4	0	0	0	0
	2330	"	1011·3	1009·5	...	78·9	75·5	74·2	28·6	85	...	0·3	...	3·7	0	0	25	0	0	2	16	6	1	0	0	6
Madras (Nungambakkam)	0830	21	1011·7	1011·0	...	82·2	75·8	72·7	27·6	73	...	1·8	...	5·0	0	0	30	1	1	0	1	9	15	1	2	1
Malabar and South Kanara																										
Mangalore	0230	72	1009·7	1007.2	...	81·4	76·4	74·3	28·8	79	...	2.9	...	1·9	0	0	22	9	2	6	0	0	0	1	4	9
	0530	"	1009 9	1007.4	...	79·5	75·8	74·2	23·8	84	...	1·6	...	2·0	0	0	23	3	9	11	0	0	0	0	0	8
	0830	"	1011·9	1009.4	−0·1	82·7	76·8	74·1	28·8	75	+1	2·5	+0·7	3·1	0	0	29	2	5	19	2	0	0	0	1	2
	1130	"	1011·8	1009.3	..	87·4	77·3	73·1	27·4	63	...	1·5	...	5 2	0	0	31	1	0	2	0	0	6	10	12	0
	1730	"	1008·1	1005·6	...	86·1	77·9	74·1	28·9	68	...	2·0	...	7·2	0	1	30	0	0	0	0	0	0	19	12	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. 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, miles per hour.	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
Malabar and South Kanara—contd.																										
Mangalore—*contd.*	2330	72	1011·2	1008·7	...	83·0	77·1	74·5	29·1	75	...	2·4	...	1·9	0	0	15	4	1	1	0	0	0	1	8	16
Kozhikode	0530	27	1009·5	1008·6	...	79·1	76·0	74·6	29·3	86	...	2·3	...	2·3	0	0	25	2	7	16	0	0	0	0	0	6
	0830	"	1011·6	1010·7	—0·2	83·5	77·0	74·2	28·7	73	—3	2·5	+0·4	3·3	0	0	31	1	14	13	0	0	0	1	2	0
	1130	"	1011·6	1010·7	...	89·9	79·5	75·2	29·7	62	...	1·5	...	5·5	0	0	31	0	0	0	0	0	3	19	9	0
	1730	"	1007·5	1006·6	...	88·0	80·2	77·1	31·6	70	...	2·1	...	8·0	0	2	29	0	0	0	0	0	0	15	16	0
	2330	"	1011·0	1010·1	...	84·3	78·3	75·6	30 3	76	...	2·5	...	7·7	0	1	29	3	0	0	0	0	0	4	23	1
Palghat	0830	319	1011·9	1001·0	...	83·3	76·3	73·0	27·8	71	...	2·1	...	5·7	0	0	29	0	0	17	0	0	0	12	0	2
	1730	"	1006·2	995·5	...	96·5	76·0	64·2	21·3	38	...	2·3	...	8·7	0	5	26	0	2	13	2	0	0	14	0	0
Mysore																										
Chitaldrug	0830	2,405	901·7	930·8	—0·3	(j) 75·7	(j) 66·2	(j) 59·5	(j) 18·8	(j) 61	+11	0·4	—0·9	3·5	0	0	27	0	0	1	6	0	4	16	0	4
	1730	"	898·8	926 7	...	(j) 94·3	(j) 71·8	(j) 57·5	(j) 17·5	(j) 33	...	0·7	...	2·5	0	0	27	0	3	18	0	0	0	5	1	4
Shimoga	0830	1,872	900·5	948·6	...	73·7	69·5	67·3	23·0	81	...	2·1	...	0·7	0	0	11	0	2	1	0	2	3	3	0	20
	1730	"	897·6	943·7	...	95·4	70·2	50·9	14·9	29	...	2·3	...	4·5	0	0	31	2	4	17	1	0	0	7	0	0
Hassan	0830	3,149	902·9	907·2	...	69·5	64·7	61·7	18·9	77	+12	1·0	—0·5	2·0	0	0	16	1	0	2	1	0	2	9	1	15
	1730	"	899·4	903·6	..	90·3	64·3	43·3	9·5	21	...	1·9	...	6·3	0	1	30	0	3	22	1	0	0	5	0	0
Bangalore (Central Observatory)	0230	3,021	900·8	909·3		70·7	61·4	54·5	14·8	58	...	0·2	...	5·5	0	0	30	0	0	13	10	1	2	2	2	1
	0830	"	903·1	911·6	+0·1	73·4	64·5	58·8	17·1	62	—2	1·2	—0·2	5·0	0	0	29	0	1	3	9	1	8	5	2	2
	1130	"	903·0	911·3	...	86·4	63·3	44·2	10·5	25	...	1·0	...	7·2	0	0	31	2	2	7	12	3	2	1	2	0
	1730	"	899·4	907·7	...	89·5	61·4	34·8	7·3	15	...	1·3	...	7·4	0	0	31	1	6	13	9	1	0	0	1	0
Bangalore (Aerodrome)	0530	2,942	900·9	912·2	...	67·6	61·9	57·9	16·6	73	...	1·3	...	...	...	...	...	0	0	4	6	0	0	4	0	17
	0830	"	903·1	914·2	...	73·6	65·3	59·9	18·0	64	...	1·5	...	...	...	...	...	0	1	2	7	3	2	7	1	8
	1130	"	903·0	913·8	...	86·3	66·3	52·3	13·9	33	...	1·0	...	...	....	...	...	1	0	11	9	1	2	4	1	2
	1730	"	899·6	910·3	...	89·5	65·5	47·7	11·7	24	...	1·7	...	...	...	...	...	0	3	9	8	5	2	1	1	2
	2330	"	902·4	913·5	...	75·7	62·7	52·5	13·2	45	...	0·8	...	...	...	...	...	1	0	6	9	0	1	0	0	14
Mysore	0830	2,518	902·4	927·6	—0·1	73·4	68·8	65·9	22·2	79	+12	1·8	—0·2	3·6	0	0	26	2	3	2	4	2	3	7	3	5
	1730	"	899·2	923·5	...	93·1	66·6	47·5	11·6	22	...	2·4	...	8·9	0	8	22	2	9	13	3	1	1	0	1	1
Balehonnur	0830	2,917	...	...	...	68·7	65·2	62·8	19·8	84	+5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Travancore-Cochin																										
Fort Cochin	0830	10	1011·6	1011·3	—0·4	84·2	77·8	75·0	29·6	74	—1	4·5	+2·5	4·9	0	0	31	4	15	9	1	0	0	0	2	0
	1730	"	1007·5	1007·2	...	86·0	79·5	76·7	31·5	74	...	5·5	...	13·4	0	16	15	0	0	0	0	0	4	16	11	0
Cochin (Willingdon Island Aerodrome)	0230	6	1009·5	1009·3	...	80·7	77·0	75·4	30·0	84	...	3·7	...	2·5	0	0	19	3	5	2	0	0	0	4	5	12
	0530	"	1009·7	1009·5	...	78·8	76·2	75·1	29·7	88	...	3·6	...	2·2	0	0	16	2	9	3	0	0	0	1	1	13
	0830	"	1011·7	1011·5	...	83·0	77·4	74·5	29·6	75	...	3·0	...	4·7	0	0	30	5	17	8	0	0	0	0	0	1
	1130	"	1011·4	1011·2	...	88·4	77·9	73·1	27·8	61	...	3·7	...	7·3	0	1	30	1	0	0	1	0	2	11	16	0
	1730	"	1007·7	1007·5	...	86·4	78·2	74·6	29·2	68	...	4·1	...	10·0	0	4	27	0	0	0	0	0	2	15	14	0
	2330	"	1011·4	1011·2	...	82·5	77·3	75·1	29·6	78	...	3·8	...	3·1	0	0	20	4	1	3	0	0	0	5	7	11
Alleppey	0830	12	1011·7	1011·3	...	84·9	79·5	77·0	31·9	78	...	5·1	..	7·2	0	1	30	2	14	11	2	0	0	0	2	0
	1730	"	1007·8	1007·4	...	87·4	81·0	77·8	33·2	74	...	4·4	...	16·5	0	27	4	0	0	0	0	0	2	17	12	0
Trivandrum	0230	211	1009·5	1002·2	...	79·4	75·8	74·4	28·8	84	...	3·2	...	2·9	0	0	28	12	5	4	0	3	0	0	4	5
	0530	"	1009·4	1002·1	...	77·9	75·0	73·6	28·3	87	...	2·3	...	2·7	0	0	29	10	8	4	1	0	0	0	6	2
	0830	"	1011·6	1004·3	—0·2	80·9	76·0	73·7	28·4	79	+2	2·9	+0·7	3·2	0	0	30	1	14	0	7	0	0	0	8	1
	1130	"	1011·1	1003·9	...	89·1	77·0	71·2	26·2	56	...	4·3	...	5·2	0	0	31	0	3	0	3	0	14	0	11	0
	1730	"	1008·2	1001·0	...	86·6	77·9	74·1	28·7	66	...	5·3	...	7·2	0	3	28	1	0	0	1	1	17	5	6	0
	2330	"	1011·5	1004·2	...	81·4	76·6	74·5	29·1	80	...	2·6	...	2·4	0	0	24	12	2	0	2	0	0	0	8	1
Hill Stations excluding Kashmir																										
Kohima	0830	4,614	903·7	862·3	...	65 8	57·1	50·5	11·6	60	...	3·7	...	6·1	0	3	28	5	1	6	3	2	8	1	5	0
	1730	"	900·3	859·0	...	64·2	57·5	51·5	13·6	66	...	2·8	...	3·0	0	0	25	5	1	0	3	3	2	6	5	0
Aijal	0830	3,599	899·1	889·9	...	68·6	59·7	52·6	13·4	60	...	2·6	...	4·3	0	1	27	0	0	5	1	4	16	1	1	1
	1730	"	897·2	887·5	...	71·0	61·6	54·9	14·8	58	...	1·1	...	4·5	0	0	29	0	0	0	1	1	17	7	3	1
Shillong	0830	4,921	901·0	850·5	—0·2	64·7	56·2	49·0	12·0	59	+14	2·6	+0·7	3·1	0	0	20	0	0	0	0	3	16	1	0	1
	1730	"	898·5	848·0	...	63·5	57·3	52·5	13·8	69	...	4·1	...	2·3	0	0	15	0	0	0	0	2	13	0	0	1
Cherrapunji	0830	4,309	901·6	869·4	—0·6	62·2	58·6	56·1	15·3	81	+23	5·9	+2·9	5·9	0	2	28	0	3	0	3	4	18	2	0	
	1730	"	898·6	866·6	....	63 6	60·8	58·6	16·7	85	+18	5·8	...	7·2	0	4	25	1	2	0	1	3	19	2	1	
Darjiling	0830	7,432	801·6	776.5	+0·5	52·3	49·3	45·9	10·9	82	+13	5·1	+2·1	5·2	0	1	30	0	4	11	5	0	5	6	0	
	1730	"	798·5	773·9	...	52·0	50·1	48·7	11·6	90	...	5·9	...	9·9	0	5	26	0	0	1	1	2	6	21	0	
Darjiling (Raj Bhawan)	0830	6,980	803·7	792·0	...	54·5	51·1	58·3	11·5	81	...	4·6	...	1·1	0	0	15	3	2	1	0	1	4	2	2	1
	1730	"	801·3	789·6	...	55·1	51·9	49·5	12·2	82	...	6·0	...	2·5	0	0	26	0	0	1	0	1	15	6	3	
Kalimpong	0830	3,965	897·9	876·5	—3·7	60·4	57·8	56·0	15·3	85	+23	3·5	+1·7	1·3	0	0	15	0	0	0	0	0	0	0	15	1

(j) 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, miles per hour.	Wind Speed (m.p.h.)			No. of observations. Wind direction.								
			At mean sea level for nearest c. p. km.	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
Stations excluding ashmir—*contd.*																										
alimpong—*contd.*	1730	3,965	895·0	873·8	...	65·1	62·2	60·2	17·9	85	...	4·6	...	1·6	0	0	18	0	0	0	18	0	0	0	0	18
atmandu	0830	4,388	902·6	867·9	...	60·8	56·2	52·5	13·7	75	+9	2·9	−0·1	0·5	0	0	6	0	0	2	3	1	0	0	0	25
	1730	"	898·6	864·7	...	70·8	59·7	51·0	13·1	52	...	3·5	...	1·3	0	0	11	4	0	0	1	0	1	0	5	20
ukteswar (Kumaon)	0830	7,592	802·8	773·7	+1·2	54·1	43·2	29·1	5·6	42	−2	2·2	−0·4	7·2	0	3	26	1	4	6	1	0	2	8	7	2
	1730	"	800·9	772·2	...	60·5	47·7	33·5	6·8	39	...	2·0	...	11·1	0	11	20	0	1	1	0	0	7	15	7	0
ainital	0830	6,409	800·4	805·1	...	59·3	47·5	32·9	6·9	42	...	2·3	...	3·5	0	0	28	6	5	6	2	1	1	6	1	3
	1730	"	799·4	804·0	...	61·1	50·7	39·7	8·8	46	...	1·9	...	4·1	0	0	31	4	1	8	1	5	0	10	2	0
okpal	0830	14,000	Closed during winter months.																							
ussooree	0830	6,699	800·9	797·3	0	57·1	45·3	31·9	5·1	40	−8	2·3	−0·7	2·1	0	0	20	7	7	2	2	2	0	0	0	11
	1730	"	799·6	796·0	...	61·9	49·3	36·1	7·4	41	...	3·8	...	3·3	0	0	23	0	5	5	5	1	6	0	1	8
mla	0830	7,224	800·1	781·5	...	56·3	42·1	21·9	4·1	28	−8	2·5	−0·7	1·9	0	0	23	2	3	2	6	7	1	2	0	8
	1730	"	800·0	781·4	...	58·7	44·9	28·2	5·4	33	...	3·2	...	2·2	0	0	30	4	3	0	1	11	9	1	1	1
alhousie	0830	6,426	794·3	800·0	...	55·7	47·9	39·4	8·7	57	...	2·6	...	3·0	0	1	13	0	10	1	3	0	0	0	0	17
	1730	"	794·6	799·0	...	57·9	51·0	43·5	9·8	61	...	3·5	...	2·9	0	3	6	0	9	0	0	0	0	0	0	22
haramshala	0830	3,974	905·1	883·7	..	67·4	52·3	38·4	7·2	35	...	3·0	...	4·4	0	1	17	5	2	6	1	0	0	0	4	13
	1730	"	903·7	881·7	...	72·3	55·1	41·4	7·8	33	...	4·2	...	7·4	0	0	27	3	0	2	6	1	3	11	1	4
ichmarhi	0830	3,528	903·2	895·6	−0·1	74·4	56·1	37·6	8·2	28	−9	0·2	−1·4	1·8	0	0	22	3	3	3	1	3	0	0	9	9
	1730	"	900·3	893·0	...	88·3	60·6	33·6	6·8	15	...	0·7	...	3·2	0	0	31	7	3	1	0	1	2	8	9	0
bu	0830	3,921	902·5	882·7	+0·4	71·7	52·3	26·4	5·7	22	−13	1·7	+0·2	3·5	0	1	20	2	2	0	0	0	5	8	4	10
	1730	"	900·6	881·1	...	80·1	55·8	27·5	5·5	15	...	1·2	...	3·0	0	0	28	8	3	0	0	2	3	6	6	3
ahabaleshwar	0830	4,534	903·0	864·7	+0·6	72·9	55·1	36·8	7·7	29	−8	0·8	+0·1	8·6	0	1	30	3	17	6	1	1	0	1	2	0
	1730	"	900·5	862·7	...	79·2	66·8	58·9	17·4	52	...	0·7	...	4·5	0	0	30	2	0	0	0	0	3	1	24	1
andi Hills*	0830	4,851																								
ercara	0830	3,781	903·3	887·9	+0·8	68·2	62·6	58·7	17·1	73	+4	1·7	−0·9	1·9	0	0	19	0	4	4	0	0	0	5	6	12
	1730	"	899·5	884·5	...	81·7	67·4	56·7	17·1	48	...	2·7	...	5·5	0	0	31	0	6	6	0	0	0	9	10	0
odaikanal	0830	7,688	804·3	773·1	+0·9	58·6	46·1	29·8	6·1	38	−8	2·2	+0·5	10·7	0	10	21	4	19	5	3	0	0	0	0	0
	1130	"	804·5	773·6	...	65·9	51·9	38·3	8·2	38	...	2·3	...	11·2	0	14	17	1	18	5	6	0	0	0	1	0
	1730	"	802·9	771·8	...	61·9	53·8	46·9	11·3	61	...	3·5	...	5·7	0	4	25	3	12	6	8	0	0	0	0	2
otacamund	0830	7,378	804·1	781·4	+0·6	62·5	49·7	35·6	7·6	40	−10	1·0	−0·7	4·0	0	1	23	1	5	18	0	0	0	0	0	7
	1730	"	802·3	779·9	...	66·9	54·6	44·7	10·1	48	...	2·4	...	1·6	0	0	18	2	2	12	1	0	0	1	0	19
onoor	0830	...	...	...	...	67·3	56·2	47·5	11·4	52	−3	0·9	−1·3	3·0	0	0	28	5	4	2	9	2	3	2	1	3
dra chen	0830	...	...	....	...	46·7	42·9	36·8	7·9	75	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
et tung (Chumbi)	0830	...	...	...	...	50·7	49·5	47·9	11·8	91	+7	0·3	−2·1	...	...	...	...	...	...	...	...	...	...	...	...	...
asa	0830	12,090	627·9	653·9	...	44·3	43·9	42·8	9·5	95	...	0·8	...	0	0	0	0	0	0	0	0	0	0	0	0	31
yantse	0830	13,110	624·5	625·2	...	40·4	31·3	16·1	3·2	39	−4	0·7	−0·4	0·5	0	0	6	0	0	5	1	0	0	0	0	25
lon olombo	0830	24	1011·6	1010·9	0	79·8	76·5	75·0	29·4	86	−1	4·4	+0·7	3·2	0	0	28	0	9	9	4	1	3	2	0	3
	1730	"	1008·7	1007·9	...	83·1	76·8	73·8	28·6	74	...	3·5	...	6·8	0	2	29	1	1	1	2	1	8	12	5	0
incomalee	0830	24	1012·0	1011·2	+0·8	81·0	77·0	75·2	29·9	83	0	3·8	+0·8	4·3	0	0	24	0	5	1	1	3	7	5	2	7
	1730	"	1008·6	1007·7	...	83·2	77·9	75·4	30·2	78	...	4·0	...	7·7	0	1	30	2	12	11	5	0	0	0	1	0
tticoloa	0830	20	1011·6	1011·3	...	79·4	76·9	75·8	30·4	89	...	3·3	...	4·7	0	0	27	0	0	1	0	1	2	13	10	4
	1730	"	1008·6	1008·3	...	82·9	78·2	76·1	30·9	80	...	3·8	...	10·0	0	8	23	1	14	10	5	1	0	0	0	0
ambantota	0830	50	1011·5	1009·8	+0·3	80·8	76·6	74·8	29·4	82	−2	4·0	+1·0	9·6	0	11	20	13	11	0	0	0	3	2	2	0
	1730	"	1008·6	1006·9	...	83·7	78·2	75·4	30·5	77	...	5·0	...	15·1	0	21	10	1	8	10	4	1	6	1	0	0
annar	0830	12	1011·9	1012·5	...	80·7	78·0	76·7	31·6	88	...	3·5	...	5·4	0	0	31	0	4	9	9	5	2	2	0	0
ROMETEOROLOGICAL SERVATORIES modar Catchment	1730	"	1008·1	1007·7	...	86·1	79·1	75·5	29·7	72	...	4·8	...	7·1	0	1	29	9	3	3	1	3	5	2	4	1
karo	0530	784	1008·4	980·9	...	66·5	58·8	51·7	13·5	62	...	1·1	...	1·8	0	0	21	1	0	0	1	1	0	0	18	10
	0830	"	1010·0	983·0	...	76·9	63·3	51·5	13·7	46	...	0·3	...	2·3	0	0	20	1	0	0	3	4	7	2	3	11
	1130	"	1008·3	982·2	...	93·6	66·7	40·3	10·2	21	...	0·2	...	7·2	0	4	26	1	1	1	5	3	6	7	6	1
	1730	"	1004·3	978·3	...	94·2	65·2	35·4	8·1	16	...	0·7	...	6·8	0	0	30	3	4	3	2	1	0	4	13	1
	2330	"	1008·5	981·4	...	74·2	61·3	49·7	12·7	45	...	0·1	...	2·4	0	1	22	3	2	0	0	0	0	1	17	8
zaribagh	0530	2,019	896·6	939·5	...	67·6	56·6	46·0	11·2	51	...	0·3	...	2·0	0	0	16	0	0	2	1	1	3	8	1	15
	0830	"	899·4	941·5	...	80·5	61·8	45·5	11·3	35	...	0·2	...	5·6	0	0	30	0	0	1	4	4	6	9	6	1
	1130	"	899·5	940·9	...	89·8	63·5	40·3	9·4	21	...	0·2	...	8·3	0	4	27	2	0	1	2	2	5	8	11	0
	1730	"	896·7	938·0	...	88·6	62·3	38·9	8·5	19	...	0·3	...	6·4	0	0	30	4	0	0	0	0	0	7	19	1
	2330	"	897·8	940·5	...	72·9	58·2	44·6	10·6	40	...	0·2	...	3·2	0	1	19	1	0	4	1	0	2	7	5	11

*Data not reliable.

TABLE III—SUMMARY OF OBSERVATIONS AT FIXED HOURS—MARCH 1953.

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, miles per hour.	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
HYDROMETEOROLOGICAL OBSERVATORIES— *contd.*																										
Damodar Catchment— *contd.*																										
Barhi	0830	...	...	...	...	84·2	64·2	45·9	11·5	31	...	...	...	4·8	0	1	30	1	1	2	2		10	11	2	6
	1730	...	...	...	...	90·5	64·4	39·3	8·9	19	...	...	...	4·6	0	0	30	3	4	0	0	0	0	3	20	1
Ramgarh	0830	...	...	...		78·8	62·5	47·4	12·6	39	...	...	...	2·4	0	0	26	2	0	1	1	5	3	10	4	5
	1730	...	...	...	...	92·5	65·6	40·5	9·4	19	...	...	...	2·6	0	0	23	8	1	1	0	0	0	4	9	8
Dhanbad	0530	839	1007·7	978·6	...	71·9	63·2	55·2	15·9	61	...	0·6	...	3·1	0	0	28	1	3	2	3	4	3	7	5	3
	0830	"	1009·4	980·9	...	81·6	66·7	53·7	16·3	46	...	1·0	...	4·8	0	0	31	1	4	4	2	3	6	9	2	0
	1130		1008·0	980·0	...	92·9	68·6	46·8	12·8	60	...	0·1	...	6·7	0	1	29	2	2	3	2	2	7	6	6	1
	1730	"	1004·3	976·4	...	93·5	66·9	41·6	11·7	21	...	0·3	...	5·5	0	0	29	3	2	4	3	0	1	5	11	2
	2330	"	1007·7	979·1	...	79·9	64·4	50·3	13·6	41	...	0	...	6·0	0	3	27	1	5	5	3	1	1	5	9	1
Mahanadi Catchment																										
Baramul	0830	210	1010·8	1003·5	...	80·4	71·1	65·8	21·8	63	...	...	...	1·2	0	0	15	0	4	4	2	2	3	0	0	16
	1730	"	1006·0	998·7	...	88·9	70·9	56·9	17·7	34	...	...	...	0·6	0	0	10	3	1	0	0	0	0	1	5	21
Singhad	0830	522	1013·6	995·7	...	83·2	67·4	55·1	15·8	39	...	...	...	0·3	0	0	4	0	0	0	0	0	3	0	1	27
	1730	"	1008·1	990·8	...	98·5	70·5	50·4	12·8	21	...	...	...	0·1	0	0	2	0	0	0	0	0	0	0	2	29
Barbarbhar	0830	...	...	...	...	78·3	64·5	54·1	14·5	45	...	1·2	...	4·2	0	0	25	1	0	0	1	1	13	5	4	6
	1730	...	...	...	...	97·9	70·5	50·2	12·9	21	...	0·4	...	5·3	0	1	28	4	2	0	0	1	8	6	8	2
Sonepur	0830	...	...	...	...	81·8	70·3	64·2	20·1	57	...	...	...	2·0	0	0	22	1	2	4	3	0	2	5	5	9
Ginabahar	0830	...	...	...	...	79·5	61·9	47·5	11·0	32	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...
Jonk	0830	...	...	...	...	82·9	69·5	47·1	11·2	30	...	0·2	...	3·2	0	1	21	2	5	1	1	0	2	6	5	9
	1730	...	...	...	...	98·8	68·3	43·3	9·8	16	...	0·2	...	4·8	0	2	24	2	1	0	0	0	4	10	9	5
Ganga Catchment																										
Tapoban*	0830	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Badrinath	0830									Closed during winter months.																
Narbada Catchment																										
Punasa	0830	...	...	...	...	78·4	58·1	35·2	7·4	22	...	0·3	...	1·9	0	1	15	0	1	2	0	1	9	3	0	15
	1730	...	...	...	...	100·4	67·8	39·0	5·0	13	...	0·6	...	4·5	0	2	23	1	2	0	0	0	11	10	1	6
Sagra Tawa	0830	...	...	...	...	80·5	59·6	37·5	8·0	23	...	0·2	...	3·9	0	0	30	0	6	0	1	5	8	4	6	1
	1730	...	...	...	...	98·1	67·8	42·7	9·4	16	...	0·5	...	4·3	0	0	30	2	3	0	0	1	9	2	13	1
Thilri	0830	...	...	...	...	82·8	64·2	46·8	12·1	30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tapti Catchment																										
Nandurbar	0830	...	...	...	...	79·7	66·7	55·3	16·5	47	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sabarmati Catchment																										
Sundol	0830	...	...	...	...	71·5	7·3	44·0	9·7	37	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dharoi*	0830	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

*Data not reliable.

RADIOSONDE DATA

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

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

MARCH 1953

ALLAHABAD (Sur. Pr. 996 mb.)

	No. of Obs.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
ace	31	096	302·0	306	299	289·5
00	31	065	...	...	...	...
00	31	1005	300·3	304	295	281·8
50	31	1505	295·5	299	290	279·8
00	31	2031	291·0	295	287	277·7
00	31	3154	281·8	285	278	272·3
00	31	4411	273·5	276	270	265·0
00	31	5843	263·0	267	260	...
00	30	7524	250·6	260	246	...
00	29	9578	237·3	250	229	...
50	27	10834	231·1	243	224	...
00	22	12326	225·0	233	216	...
75	15	13159	220·3	227	211	...
50	11	14158	217·1	225	210	...
25	7	15289	211·7	217	205	...
00	6	16683	206·5	213	200	...
80						

CALCUTTA (1008 mb.)

No. of Obs.	Ht. Gpm.	Temperature °A			
		Mean	Max.	Min.	Dew Point
30	005	300·1	303	298	295·6
30	075	...	...	...	...
30	1006	298·3	304	291	284·5
30	1502	295·6	301	289	280·4
30	2027	291·5	297	284	276·6
30	3150	280·2	289	279	268·0
30	4414	274·3	281	270	263·7
30	5845	264·6	272	259	...
30	7551	253·4	269	247	...
29	9625	240·9	251	228	...
27	10900	234·4	244	219	...
27	12413	226·7	234	210	...
9	13111	221·9	228	215	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...

JODHPUR (984 mb.)

No. of Obs.	Ht. Gpm.	Temperature °A			
		Mean	Max.	Min.	Dew Point
31	218	302·9	307	297	276·5
31	072	...	...	...	...
31	1005	299·1	303	290	271·9
31	1504	294·5	299	286	269·8
31	2023	289·5	293	280	268·1
31	3140	280·0	283	272	259·1
31	4388	271·5	275	266	256·2
31	5811	261·4	265	258	...
31	7482	249·3	255	244	...
31	9522	235·3	244	228	...
28	10789	228·7	237	219	...
24	12257	223·9	230	217	...
15	13684	219·4	226	212	...
11	14090	215·3	221	206	...
8	15226	211·6	217	201	...
8	16625	209·3	218	202	...

MADRAS (1008 mb.)

ce	31	015	300·4	303	299	296·2
00	31	088	...	..	...	...
00	31	1018	298.2	303	294	283·5
50	31	1515	296·1	300	292	272·5
00	31	2042	292·2	296	288	279·1
00	31	3170	283·8	286	281	264·5
00	31	4440	276·9	281	274	251·7
00	30	5894	267·0	273	262	...
00	30	7606	256·4	264	252	...
00	25	9705	242·9	251	240	...
50	23	10970	233·4	239	228	...
00	14	12469	222·1	228	216	...
75	10	13341	215·5	219	212	...
50	7	14284	208·3	212	205	...
25	...	...	...	...	..	...
00						
80						

NAGPUR (972 mb.)

	26	307	304·3	308	301	275·7
	26	060	...	...	...	...
	26	1014	303·9	307	299	273·2
	26	1520	299·7	305	294	270·5
	26	2051	295·2	300	289	269·8
	26	3186	284·8	289	278	265·9
	20	4453	273·0	280	267	256·8
	20	5891	264·1	267	255	...
	11	7573	252·4	255	250	...
	5	9650	239·6	243	238	...
	...	...	...	...	...	...

NEW DELHI (985 mb.)

	31	206	297·8	301	293	284·2
	31	071	...	...	...	...
	31	1000	297·8	302	293	285·2
	30	1497	294·0	297	289	276·2
	30	2019	289·5	293	285	269·6
	30	3138	280·3	285	275	260·6
	30	4387	270·9	275	266	265·8
	30	5804	260·8	265	258	...
	28	7473	248·6	255	241	...
	27	9503	234·3	240	228	...
	24	10733	228·4	235	219	...
	21	12212	223·3	229	213	...
	13	13159	220·0	225	211	...
	13	14083	217·1	223	209	...
	11	15195	214·3	224	207	...
	7	16604	213·2	223	207	...

RADIOSONDE DATA
MEAN DYNAMIC HEIGHT, TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACES
(From Ascents at 15 hrs. G. M. T.)
MARCH 1953

	POONA (Sur. Pr. 948 mb.)						PORT BLAIR (1002 mb.)						TRIVANDRUM (1003 mb.)					
	No. of Obs.	Ht. Gpm.	Temperature °A				No. of Obs.	Ht. Gpm.	Temperature °A				No. of Obs.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point			Mean	Max.	Min.	Dew Point			Mean	Max.	Min.	Dew Poin
Surface	30	557	303·0	306	298	288·4	30	081	300·1	301	297	295·7	31	063	301·4	303	299	296·
1000	30	079	...	...	...	...	29	099	...	...	...	...	31	092	...	...	...	...
900	30	1014	299·9	305	294	283·6	29	1023	294·7	298	292	287·2	31	1020	295·0	297	294	290·
850	30	1515	297·6	301	292	278·0	29	1517	292·4	296	288	282·7	31	1515	292·3	296	291	288·
800	30	2043	294·1	297	289	274·9	29	2037	289·6	292	285	278·3	31	2038	289·5	292	287	284·
700	29	3180	285·0	287	281	270·7	29	3161	283·3	287	278	270·5	30	3163	283·5	287	277	268·
600	29	4448	275·1	279	271	259·9	28	4432	276·7	280	273	261·7	28	4432	276·4	280	273	263·
500	29	5892	265·6	269	260	...	27	5886	268·7	273	266	...	28	5886	267·5	271	264	...
400	26	7591	253·0	257	249	...	24	7611	259·0	264	256	...	26	7599	257·3	261	254	...
300	23	9665	240·3	245	236	...	21	9731	244·5	251	240	...	25	9707	243·3	249	240	...
250	21	10929	231·8	237	224	...	15	11003	234·3	238	230	...	24	10981	233·0	239	228	...
200	19	12412	222·8	227	218	...	11	12520	224·5	229	220	...	20	12470	221·6	229	215	...
175	16	13266	216·8	220	213	...	9	13373	219·2	222	215	...	14	13330	216·2	222	212	...
150	12	14257	210·7	216	206	...	9	14357	212·8	217	209	...	12	14297	209·0	214	206	...
125	7	15370	205·9	210	200	...	5	15474	208·2	213	205	...	6	15465	203·5	206	198	...
100	6	16705	199·1	205	197	...	5	16828	202·2	205	199							
80																		

	VERAVAL (1009 mb.)						VISAKHAPATNAM (1004 mb.)					
Surface	31	008	298·7	303	297	295·1	31	048	300·2	302	299	296·1
1000	31	091	...	...	...	...	31	082	...	...	...	...
900	31	1023	299·1	303	290	278·1	31	1013	297·8	301	293	285 3
850	31	1521	296·1	300	288	274·6	31	1514	296·2	301	290	279·5
800	31	2047	292·5	297	285	271·4	31	2040	292·2	298	285	275·9
700	31	3178	283·7	289	280	265·2	31	3170	284·3	290	279	268·6
600	31	4445	275·5	279	271	257·1	31	4439	276.1	284	272	254·8
500	31	5890	265·0	269	261	...	27	5893	266.9	275	263	...
400	28	7585	252·6	256	250	...	26	7596	255·4	261	252	...
300	27	9653	238·6	245	234	...	21	9689	241·3	246	237	...
250	23	10917	232·0	240	226	...	18	10953	232·1	238	228	...
200	18	12419	224·7	230	219	...	16	12448	222·8	228	219	...
175	14	13270	219·9	226	215	...	5	13378	218·4	222	216	...
150	12	14275	214·3	221	208	...						
125	5	15396	208·0	212	204	...						
100												
80												

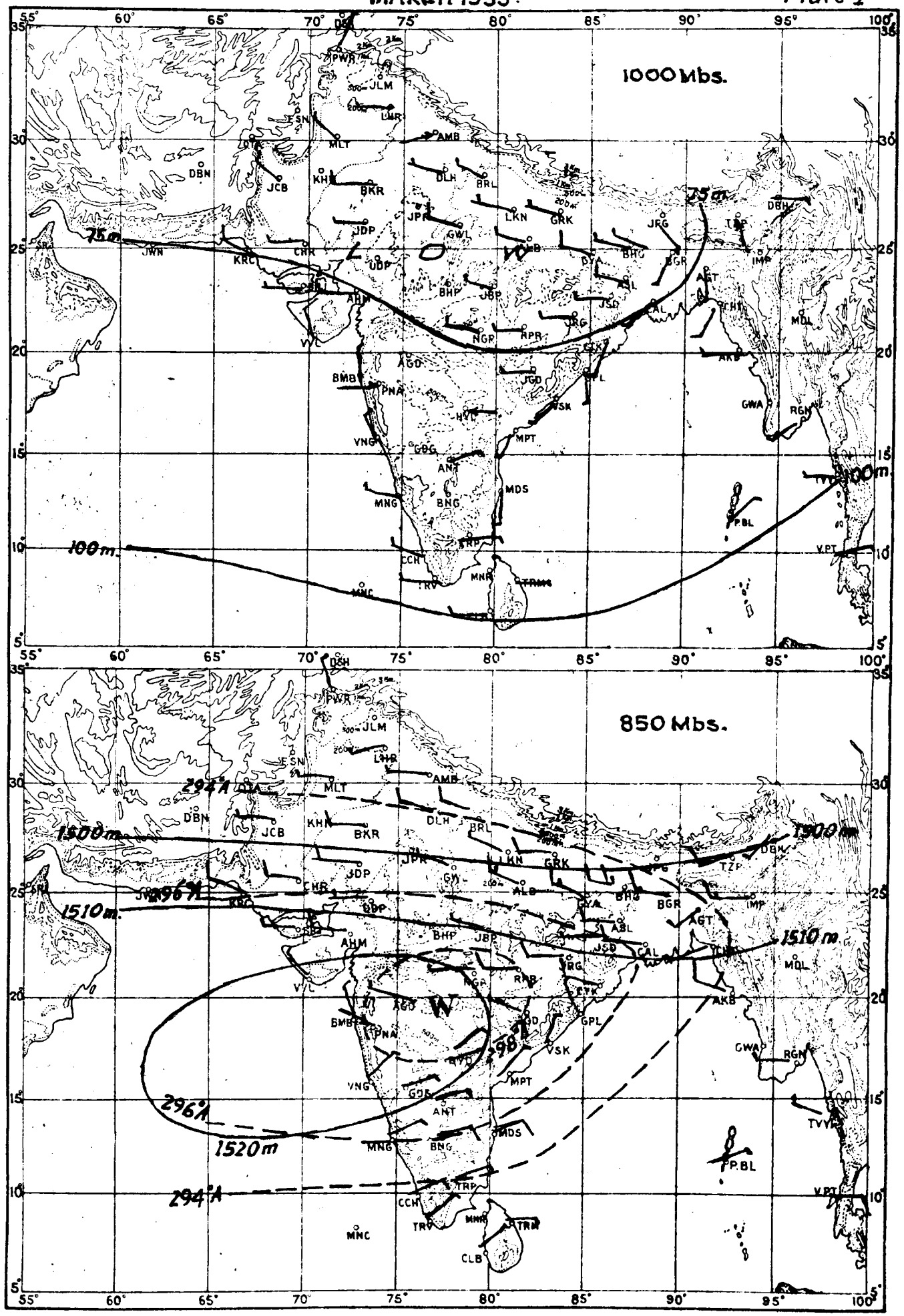
NOTE:—Number of observations refer to those of dynamic height.
Means are not worked out for temperature and dew point for the 1000 mb. surface and for dew point for standard pressure surfaces with temperatures less t
273 °A.
Means are not worked out for less than five observations at standard pressure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

GIPN—S1—110DDG Ob. Poona—21-7-54—260.

MONTHLY MEAN CONSTANT PRESSURE CHARTS.

MARCH 1953.

Plate I



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

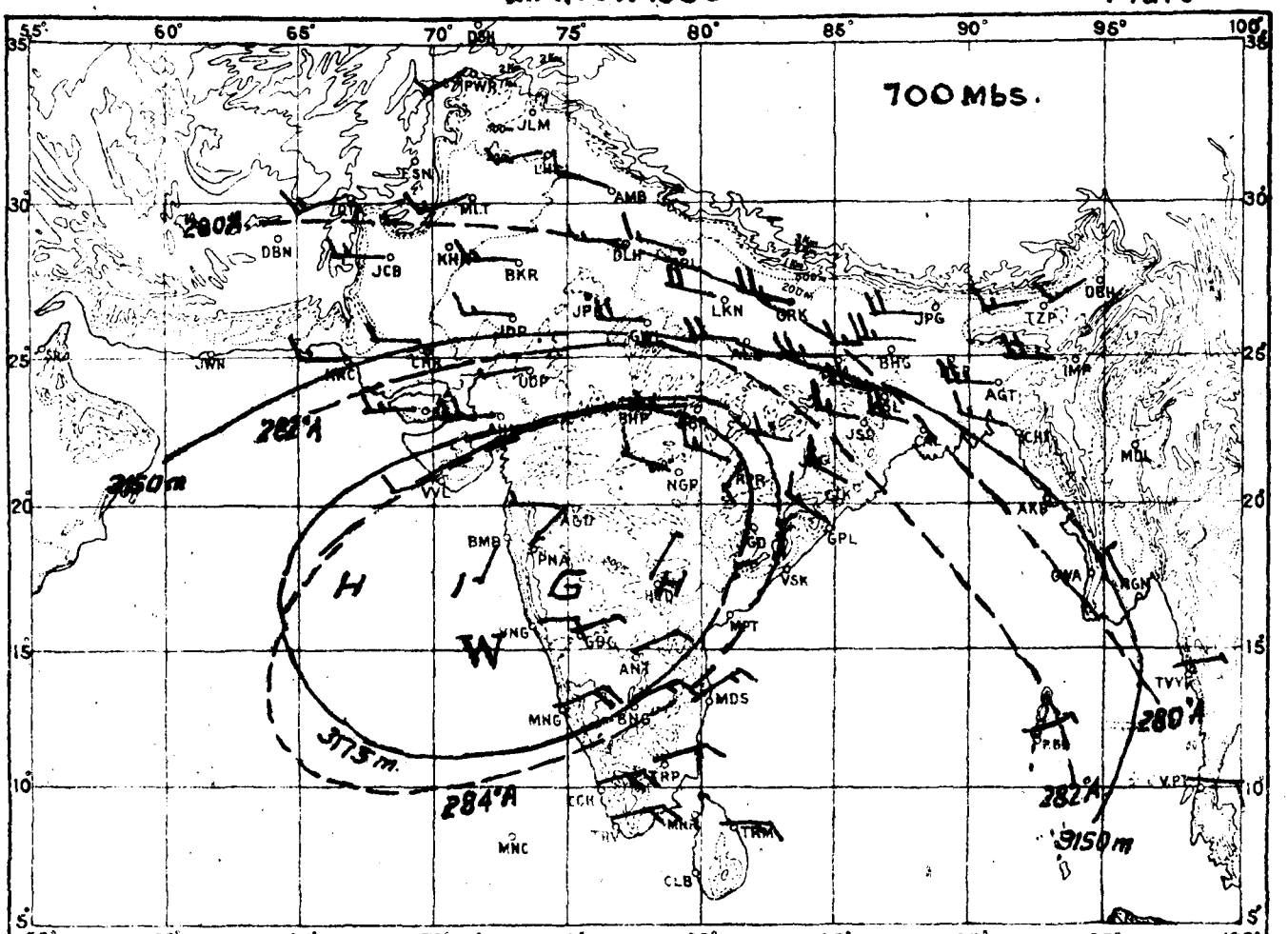
- - - - - - Isotherms in degrees absolute. ——— Contours in geopotential metres.

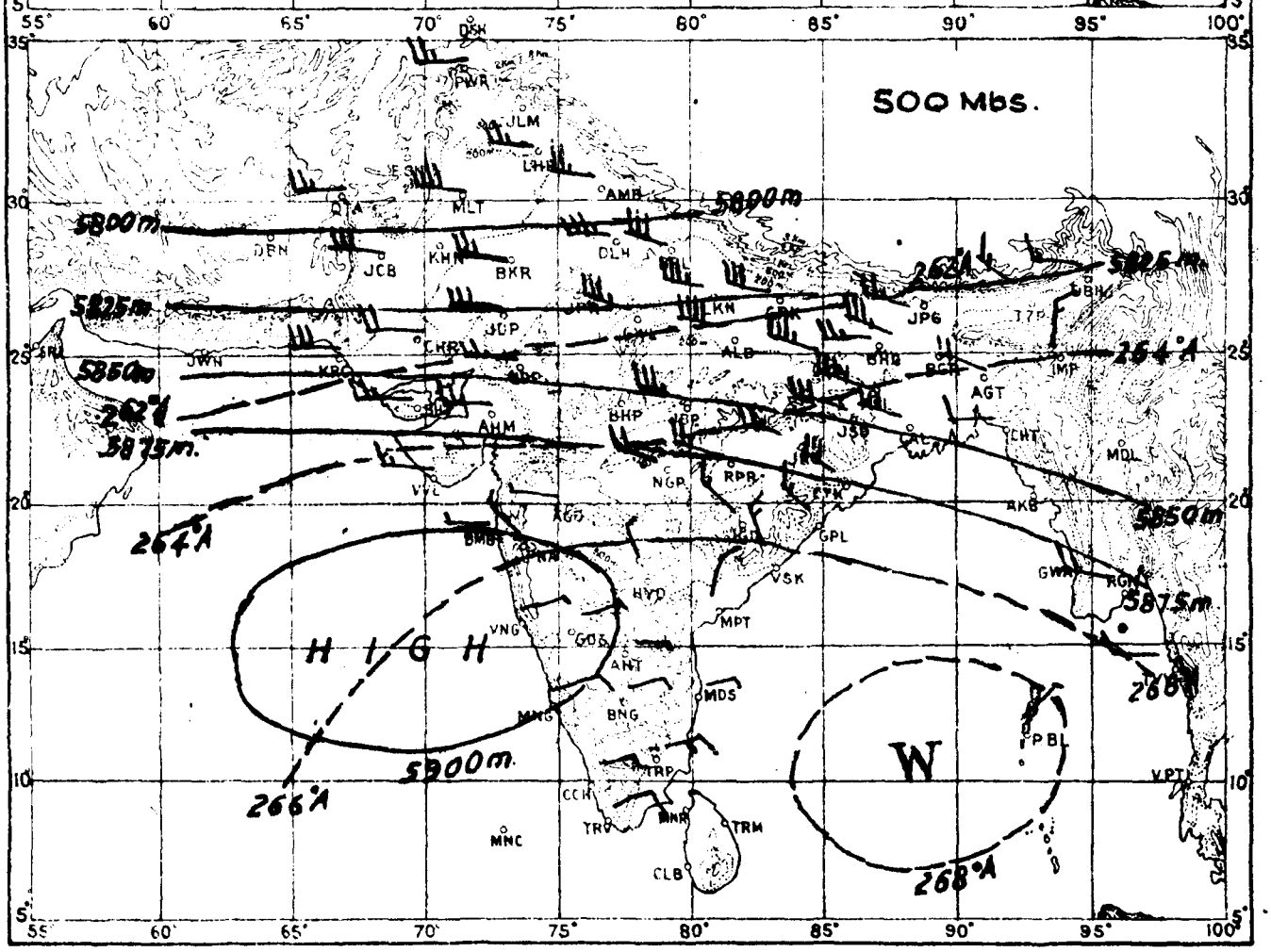
G.PZ.P.POOMA.53.

MONTHLY MEAN CONSTANT PRESSURE CHARTS.

MARCH 1953

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, 1953

Monthly Weather Report

April

Published by authority of the Government of India

Chief features : (1) passage of five western disturbances across northwest India, (2) formation of a cyclonic storm in the Bay of Bengal and (3) good thunderstorm activity over many parts of India.

Of the five western disturbances which moved across north India during the month, only the third and the fourth were active. The third western disturbance appeared over the Punjab (P) and neighbourhood on the 12th, and moved away across the Punjab (I) by the 15th. Under its influence fairly widespread thundershowers occurred in the Punjab hills between the 13th and 15th, and in Jammu and Kashmir on the 15th. Local showers were also reported from the Kumaon hills between the 13th and 15th. The fourth western disturbance moved across the Punjabs (I and P) between the 17th and 20th, and caused fairly widespread or local showers in the Punjab-Kumaon hills and Jammu and Kashmir between the 18th and 20th, in the plains of the Punjab (I) on the 19th and 20th and in the plains of west Uttar Pradesh on the 19th. Allahabad experienced severe duststorm, with the wind speed reaching upto 60 m.p.h. on the 19th afternoon. The remaining three western disturbances of the month were feeble. The details regarding the movement and activity of the western disturbances during the month are given in the following table:

S. No.	Period	Course	Regions affected	Nature of precipitation and date	Remarks
1.	5th to 8th.	Sind and adjoining areas Punjab (P), northeastwards, extreme north of the country	Jammu and Kashmir	A few showers on the 7th	
2.	9th-10th	North-West Frontier Province and Punjab (P) extreme north of the country	Punjab hills . .	Local rain or thundershowers on 10th	
			Plains of the Punjab (I), north-West Uttar Pradesh, Jammu and Kashmir	A few thundershowers on the 10th	
	10th and 12th	Southwest Punjab (I) and adjoining Rajasthan-extreme north of the country	Jammu and Kashmir .	Local showers on the 11th and a few showers on the 12th	Secondary
			Punjab hills . .	Widespread light rain on the 12th	
3.	12th-15th	Punjab(P) and adjoining areas - Punjab (I)-Punjab hills	Punjab hills . . .	Fairly widespread thundershowers on the 13th, 14th and 15th	
			Kumaon Hills . .	Local thundershowers on the 13th and 15th.	
			Jammu and Kashmir .	A few showers on the 13th and 14th.	
			Plains of northwest Uttar Pradesh and of the Punjab (I)	A few thundershowers on the 13th	
			Plains of the Punjab (I) .	Local thundershowers on the 14th	
			Jammu and Kashmir .	Fairly widespread thundershowers on the 15th	
			Plains of the Punjab (I) .	A few thundershowers on the 15th	
4	17th-20th	Punjab (P) - Punjab hills	The Kumaon hills . .	Fairly widespread thundershowers on the 18th and 19th	

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WEATHER BUREAU

S. No.	Period	Course	Regions affected	Nature of precipitation and date	Remarks
			Plains of northwest Uttar Pradesh and of the Punjab (I)	Local thundershowers on the 18th	
			Jammu and Kashmir . .	Local rain on the 19th and 20th	
			Punjab (I), plains of west Uttar Pradesh	Fairly widespread thundershowers on the 19th	
			Punjab hills . . .	Fairly widespread thundershowers on the 20th	
			Kumaon hills . . .	Local thundershowers on the 20th	
			Plains of west Uttar Pradesh and of the Punjab (I)	A few thundershowers on the 20th	
	19th evening -20th	West Rajasthan	East Rajasthan. . .	Local thundershowers on the 20th	Secondary
			West Rajasthan. . .	A few thundershowers on the 19th and 20th	
5.	29th-30th	Punjab(P) and adjoining areas, extreme north of the country	Punjab hills . . .	Local thundershowers on the 29th	
			Northeast Uttar Pradesh .	A few thundershowers on the 30th	

A depression formed in the southeast Bay of Bengal on the 29th evening with its centre near Lat. 12½°N., Long. 91°E. Moving in a northerly direction intensifying rapidly, it became a severe cyclonic storm by the 30th morning when it was centred near Lat. 14½°N., Long. 92½°E. Thereafter, it followed a northeasterly course and gradually weakened into a depression, which crossed the Burma coast near Diamond Islands on the morning of 1st May. Under the influence of the above cyclonic storm, heavy rain fell on the Bay Islands on the 30th; Table Island recorded 9″.

In association with an upper wind discontinuity between dry continental air and relatively moist air from the Bay of Bengal, fairly widespread or local thundershowers occurred in Travancore-Cochin and Malabar-south Kanara on most days of the month. Thundershowers were reported from Assam and sub-Himalayan West Bengal between the 8th and 15th and between the 26th and 30th. Dum Dum and Barrackpore aerodromes experienced a severe Nor'wester on the 27th afternoon when the wind speed at Dum Dum reached 82 m.p.h. According to newspaper reports, one hangar at Barrackpore aerodrome collapsed as a result of the squall, and an aircraft was damaged.

Day temperatures were generally appreciably above normal in most parts of north India and in the central parts of the country during the first half of the month, and continued to be so in northwest India also during the second half of the month.

The total rainfall during the month was in large excess in the Bay Islands, Bihar, north Hyderabad, Tamilnad and Mysore; in moderate excess in east Rajasthan, west Madhya Pradesh, Deccan(Desh) and Travancore-Cochin and in slight excess in west Uttar Pradesh. It was normal in east Madhya Pradesh, the Konkan and Rayalaseema, in slight defect in Malabar-south Kanara, in moderate defect in Assam, West Bengal, the Punjab (I), Gujarat and south Hyderabad and in large defect in Orissa, Chota Nagpur, east Uttar Pradesh, west Rajasthan, Madhya Bharat, Vindhya Pradesh and coastal Andhradesa. There was no rain in Saurashtra and Kutch: Averaged over the plains of India, the rainfall was 4% in defect.

The mean maximum temperature was above normal in West Bengal, Orissa, Chota Nagpur, the Punjab (I), west Rajasthan and Vindhya Pradesh ; below normal in Rayalaseema, Tamilnad and Mysore and was about normal elsewhere. The mean minimum temperature was nearly normal throughout the country except Orissa, west Uttar Pradesh, the Punjab (I), Rajasthan, Madhya Pradesh and Gujarat where it was above normal.

The mean relative humidity in the morning was above normal in Deccan (Desh) and Mysore; below normal in Chota Nagpur, and Madhya Bharat and was normal over the rest of the country.

The mean cloud amount in the morning was normal in West Bengal, Orissa, Bihar, Uttar Pradesh, the Punjab (I), west Rajasthan, Vindhya Pradesh, Gujarat, Saurashtra and Kutch, coastal Andhradesa and Malabar-south Kanara and was above normal elsewhere over the country except Assam, where it was below normal.

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:
Dated the 20th January 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).	4·83	60	87·8	68·5	75	67	3·3	3·3
	−3·17	..	+1·5	+0·9	0	..	−1·0	..
2. West Bengal .	1·22	59	99·8	75·7	59	41	2·7	2·9
	−0·86	..	+2·7	+1·5	−5	..	−0·1	..
3. Orissa. . .	0·21	21	99·0	78·7	68	55	2·8	4·2
	−0·81	..	+2·2	+2·0	0	..	+0·2	..
4. Bihar . . .	0·72	122	101·0	72·8	39	25	2·0	2·4
	+0·13	..	+1·8	+1·2	−3	..	+0·3	..
5. Uttar Pradesh .	0·24	77	100·8	71·3	34	19	1·3	2·1
	−0·07	..	+1·8	+2·2	−2	..	0	..
6. Punjab (I) (including PEPSU & Delhi).	0·27	67	100·4	68·8	39	22	1·6	2·2
	−0·13	..	+3·9	+2·0	0	..	0	..
7. Rajasthan . .	0.13	68	100·5	72·2	30	15	1·6	2·0
	−0·06	..	+1·6	+1·7	−4	..	+0·5	..
Sub-division								
1. Bay Islands . .	5·25	222	90·9	76·5	69	76	5·2	6·0
	+2·89	..	+1·8	+1·8	−4	..	+1·5	..
2. Assam (including Manipur & Tripura).	4·83	60	87·8	68·5	75	67	3·3	3·3
	−3·17	..	+1·5	+0·9	0	..	−1·0	..
3. West Bengal .	1·22	59	99·8	75·7	59	41	2·7	2·9
	−0·86	..	+2·7	+1·5	−5	..	−0·1	..
4. Orissa. . .	0·21	21	99·0	78·7	68	55	2·8	4·2
	−0·81	..	+2·2	+2·0	0	..	+0·2	..
5. Chota Nagpur .	0·32	42	102·5	73·9	34	21	2·3	3·3
	−0·45	..	+2·8	+1·6	−6	..	+0·6	..
6. Bihar . . .	0·95	190	99·5	71·7	45	28	1·7	1·7
	+0·45	..	+0·8	+0·7	−1	..	+0·1	..
7. Uttar Pradesh, East	0·06	22	102·4	72·4	34	19	1·0	1·7
	−0·21	..	+1·9	+1·9	−4	..	−0·2	..
8. Uttar Pradesh, West	0·39	115	99·4	70·3	35	19	1·6	2·4
	+0·05	..	+1·7	+2·5	−1	..	+0·2	..
9. Punjab (I) (including PEPSU and Delhi).	0·27	67	100·4	68·8	39	22	1·6	2·2
	−0·13	..	+3·9	+2·0	0	..	0	..
10. Jammu and Kashmir.	(Data incomplete)							
11. Rajasthan, West .	0·02	11	101·2	71·9	33	18	1·3	1·9
	−0·17	..	+2·3	+2·5	−5	..	+0·1	..
12. Rajasthan, East (including Ajmer).	0·24	133	100·0	72·5	27	11	1·9	2·1
	+0·06	..	+0·9	+1.0	−4	..	+0·8	..
13. Madhya Bharat .	0·06	32	101·4	72·0	24	13	2·0	2·9
	−0·13	..	+1·2	+1·9	−6	..	+0·8	..
14. Vindhya Pradesh .	0·10	32	102.5	70·9	30	17	1·9	2·7
	−0·21	..	+2·1	+0·8	0	..	+0·2	..

—	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—*contd.*								
8. Madhya Bharat & Vindhya Pradesh.	0·07	30	101·8	71·6	26	15	1·9	2·8
	−0·16	..	+1·5	+1·5	−4	..	+0·6	..
9. Madhya Pradesh .	0·70	111	102·4	76·0	36	21	2·7	4·0
	+0·07	..	+0·7	+2·5	+2	..	+1·0	..
10. Bombay (including Saurashtra & Kutch). .	0·53	118	97·9	74·0	62	41	2·2	3·1
	+0·08	..	+0·3	+1.6	+4	..	+0·6	..
11. Hyderabad . .	0·81	105	101·2	77·4	49	24	3·1	4·4
	+0·04	..	−0·4	+1·2	+3	..	+1·2	..
12. Madras (including Travancore Cochin).	2·54	163	94·9	78·8	71	59	4·1	4·7
	+0·98	..	−1·3	+0·9	+1	..	+0·9	..
13. Mysore . .	3·94	185	90·6	69·0	80	42	4·1	5·5
	+1·81	..	−2·2	−0·2	+8	..	+1·3	..
Mean of India .	1·00	96	99·0	74·1	49	33	2·5	3·3
	−0·04	..	+0·9	+1·6	+1	..	+0·5	..
Sub-division—*contd.*								
15. Madhya Pradesh, East.	1·01	94	100·7	75·9	41	24	2·8	4·3
	−0·06	..	+0·3	+2·3	+1	..	+0·9	..
16. Madhya Pradesh, West.	0·50	143	103·5	76·1	32	18	2·6	3·8
	+0·15	..	+1·0	+2·7	+3	..	+1·1	..
17. Gujarat . .	0·02	67	103·5	75·1	54	32	1·2	1·1
	−0·01	..	+1·3	+2·8	+5	..	+0·1	..
18. Saurashtra and Kutch.	0	0	97·5	73·1	66	46	1·4	1·4
	−0·04	..	+0·7	+1·1	+1	..	−0·1	..
19. Konkan . .	0·40	95	89·7	77·0	73	68	3·3	2·6
	−0·02	..	+1·2	+1·3	+1	..	+0·7	..
20. Deccan (Desh) .	1·12	127	99·4	72·4	57	35	2·8	4·9
	+0·24	..	−0·9	+1·4	+7	..	+1·2	..
21. Hyderabad, North	0·98	151	100·9	76·5	44	23	3·1	4·6
	+0·33	..	−0·3	+1·2	+5	..	+1·4	..
22. Hyderabad, South.	0·64	72	101·3	78·1	53	25	3·1	4·2
	−0·25	..	−0·4	+1·2	+1	..	+1·1	..
23. Coastal Andhradesa.	0·18	24	96·5	79·4	72	63	4·1	3·9
	−0·56	..	−0·2	+1·3	+2	..	+0·6	..
24. Rayalaseema .	0·72	106	101·7	79·8	53	30	2·9	4·4
	+0·04	..	−2·0	+0·7	+1	..	+0·9	..
25. Tamilnad . .	3·86	249	93·7	78·4	73	60	4·2	4·9
	+2·31	..	−2·3	+1·0	0	..	+1·1	..
26. Malabar and South Kanara.	2·28	89	91·3	78·7	77	71	4·4	5·1
	−0·27	..	+0·1	+0·3	+3	..	+0·7	..
27. Mysore . .	3·94	185	90·6	69·0	80	42	4·1	5·5
	+1·81	..	−2·2	−0·2	+8	..	+1·3	..
28. Travancore-Cochin	6·85	144	89·2	77·3	77	73	5·5	6·6
	+2·10	..	−0·1	−0·7	+1	..	+1·7	..

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.																												
Table Island (R)																												
Maya Bandar	90·9	..	94	15,17,18	73·5	..	66	30	1·16	4·04	..	2·67	30	4	..	6·8	4·5	..	4	0	0	11	1	0	0	0	0	0
Long Island	91·5	..	97	20	78·0	..	72	18	0·70	7·58	..	3·95	30	5	..	3·5	1·7	..	7	0	0	14	0	0	0	0	0	0
Port Blair	90·9	+1·8	94	19	76·5	+1·8	71	30	1·56	5·25	+2·89	2·35	30	7	+1·9	6·4	4·4	−1·5	8	0	0	13	0	0	0	1	1	0
Kondul	86·2	..	88	5 days	82·1	..	75	3,28	5·18	7·24	..	1·26	12	13	..	4·1	2·1	..	16	0	0	5	0	0	0	0	0	0
Car Nicobar	89·5	..	92	21	74·3	..	70	1,18	4·39	4·92	..	1·66	20	9	..	3·0	1·2	..	12	0	0	0	0	0	0	0	0	0
Noncowry	90·3	..	93	5 days	77.4	..	72	5	3·07	6·33	..	1·62	30	13	..	3·7	3·1	..	18	0	0	17	0	0	0	0	0	0
Assam.																												
Mawsynram	..	..	..	..	..	..	..	..	..	18·10	..	2·35	14	17	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Dibrugarh	82·1	+1·1	89	27	67·5	+1·7	62	6,24	0·44	6·52	−2·97	1·08	16	12	−1·6	1·2	1·1	−0·5	17	0	0	8	0	0	0	0	0	0
Dibrugarh (Mohanbari Aerodrome)	82·3	..	90	22	66·1	..	60	6	0·90	7·67	..	1·49	17	12	..	4·2	3·2	..	19	0	0	13	0	0	0	0	0	0
Sibsagar (R)																												
Tezpur	86·7	+1·6	93	17,27	69·0	+1·1	65	12	0·40	3·87	−2·14	1·17	11	6	−4·7	1·6	1·1	−3·1	10	0	0	7	0	0	0	0	0	0
Tezpur (P.B.O.)	82·8 (c)	..	..	..	68·8	..	63	24	0·32	4·15	..	1·21	11	7	..	4·6	3·6	..	11	0	0	9	0	0	0	0	0	0
Gauhati	88·0	+0·4	95	17	66·8	−1·1	63	4 days	0·20	3·49	−2·22	0·81	12	7	−3·0	3·7	2·8	+0·8	10	0	0	7	0	1	0	0	0	0
Gauhati (Kaikuchi Aerodrome).	87·9	..	95	17	68·2	..	63	3	0·55	4·78	..	1·66	10	6	..	..	..	..	11	0	1	10	2	0	0	2	4	0
Dhubri (R)																												
Silchar	89·4	+1·4	94	19	70·5	+1·7	65	11	1·11	7·78	−7·39	1·98	14	8	−6·3	2·0	1·5	−0·7	15	0	0	14	0	0	0	0	2	0
Tura	88·5	..	93	17,18,19	71·2	..	65	16,29	0·85	10·90	..	3·46	29	7	..	6·5	5·6	..	9	0	0	0	0	0	0	0	0	0
Lumding	93·0	+3·2	98	1,18,22	..	..	..	..	..	2·49	−1·12	0·72	20	6	−1·2	6·6	3·9	..	8	0	0	0	0	0	0	0	0	0
Agartala	95·2	..	99	4,5,6	73·1	..	66	2,28	0·86	4·08	..	1·44	13	6	..	..	..	..	7	0	0	7	2	1	0	1	0	0
Imphal	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0	2	10	0	0	0	1	1	0
West Bengal.																												
Dum Dum	99·8	..	107	18	77·7	..	65	28	0·45	1·03	..	0·75	28	2	..	11·5	10·2	..	4	0	1	5	2	0	0	0	3	0
Calcutta	100·5	+3·7	108	17	79·1	+3·6	75	2,12,30	0	0·11	−1·64	0·06	15	0	−3·0	6·6	5·5	+0·6	2	0	0	7	1	0	0	0	2	0
Barrackpore	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0	0	4	1	0	0	0	3	0
Saugor island	89·0	−0·7	98	16	80·7	+1·3	71	30	0	2·32	+1·15	1·35	12	3	+0·9	19·0	19·0	+5·3	3	0	0	4	0	0	0	0	0	0
Sandheads	..	..	..	..	..	..	..	..	0	0·38	−0·20	0·38	12	1	−0·1	..	..	..	1	0	0	0	0	0	0	0	1	0
Midnapore	104·9	+4·0	110	9,10	77·5	+1·3	63	12	0	1·36	−0·34	1·20	12	1	−2·1	4·8	5·0	+1·3	4	0	0	5	0	0	0	0	0	0
Contai	94·2	..	104	16,18	79·3	..	71	30	0	0·03	..	0·03	12	0	..	12·7	9·9	..	1	0	0	5	0	2	0	0	0	0
Bankura	..	..	..	..	..	..	..	..	..	0·70	−0·55	0·70	30	1	−1·7	..	..	..	..	..	..	..	..	..	..	..	..	..
Burdwan	103·9	+4·2	109	9	76·9	+1·9	69	2	0	0	−1·94	0	..	0	−3·2	4·0	3·6	+0·6	0	0	0	0	0	0	0	0	0	0
Krishnagar	105·3	+6·4	110	8,9	75·1	+0·9	66	2	0·05	1·58	−0·70	1·53	29	1	−2·7	6·2	5·5	+0·4	2	0	0	4	0	3	0	0	0	0
Asansol	104·1	+2·3	109	9,15	75·9	+1·7	69	1,2	0·33	0·40	−0·43	0·27	30	2	+0·2	8·2	5·7	+0·8	2	0	0	4	0	0	0	0	1	0
Berhampore	103·1	+4·1	108	19	74·7	+0·7	65	1,3	0	0·08	−1·40	0·08	30	0	−2·7	2·8	2·2	−1·3	1	0	0	1	0	0	0	0	0	0
Malda	98·5	+1·0	106	18,19	72·0	+0·7	62	3	0·44	1·19	+0.01	0·58	30	3	+1·0	6·5	5·5 (h)	+0·5	4	0	0	4	0	0	0	0	0	0
Cooch-Bihar	89·3	..	97	19	68·2	..	63	17	0·26	3·09	−2·56	0·79	27	8	+0·7	7·3	3·7	..	10	0	0	0	0	0	0	0	0	0
Jalpaiguri	89·1	−0·4	99	17	69·2	+1·1	63	8	0·10	2·62	−1·07	1·62	8	4	−1·5	8·5	5·7	+3·3	6	0	0	6	0	0	0	0	0	0
Bagdogra	91·8	..	101	17	68·2	..	63	3,22,23	0·34	1·58	..	0·57	11	4	..	6·7	4.1	..	5	0	2	8	0	0	0	0	2	0
Orissa.																												
Balasore	102·0	+5·0	107	17	78·3	+2·3	72	2,6	0·19	0·50	−1·25	0·20	30	2	−1·5	10·0	9·6 (b)	+4·2	4	0	0	7	0	1	0	0	2	0
Chandbali	100·8	+2·2	108	17	79·1	+2·4	72	8	0·43	0·89	−0·55	0·46	9	3	+0·1	12·7	9·7	+1·0	3	0	0	0	0	0	0	0	0	0
Puri	87·2	−0·5	90	23,24	80·7	+1·6	79	1,19	0·03	0·03	−0·55	0·03	23	0	−1·0	16·5	15·8	+3·3	1	0	0	2	0	0	0	0	0	0
Bhubaneswar	100·7	..	108	17	79·2	..	76	4	0·40	0·40	..	0·20	16	2	..	18·6	16·0	..	3	0	0	5	1	0	0	0	0	0
Cuttack	104·7	+3·5	109	14	80·0	+2·5	77	2	0	0	−1·07	0	..	0	−1·7	7·0	5·6	+2·0	0	0	0	0	0	0	0	0	0	0
Cuttack (P.B.O.)	..	..	..	..	..	..	..	..	0	0	..	0	..	0	..	5·6	4·3	..	0	0	0	5	0	0	0	0	0	0
Gopalpur	89·0	+0·8	92	4 days	78·1	+1·0	73	2	0·06	0	−0·70	0	..	0	−1·4	13·1	12·9	+0·5	0	0	0	3	0	0	0	0	0	0
Koraput	91·9	..	95	1,14	69·7	..	66	4 days	0·61	2·51	..	1·47	20	4	..	..	..	..	6	0	0	0	0	0	0	0	0	0
Angul	104·5	+2·5	109	29	79·0	+3·7	74	4,5	0	0	−1·03	0	..	0	−2·2	6·0	5·7	+1·0	0	0	0	8	0	0	0	0	0	0
Sambalpur	104·6	+1·6	111	29	75·7	+0·8	69	2,3,4	0.05	0·05	−0·54	0·05	21	0	−1·6	5·7	3·6	+0·7	1	0	0	0	0	1	0	0	0	0
Jharsuguda	..	..	..	..	..	..	..	..	0·01	0·25	..	0·24	20	1	..	..	..	..	2	0	0	5	0	1	0	0	0	0
Titilagarh	104·9	..	110	29,30	78·9	..	74	8	0·01	0·10	..	0·05	16,17	0	..	3·4	2·6	..	2	0	0	7	0	2	0	0	0	0
Chota Nagpur.																												
Purulia	103·4	..	109	14	76·8	..	69	2,28	0·52	0·55	..	0·40	30	2	..	5·1	3·7	..	3	0	0	1	0	0	0	0	0	0
Jamshedpur	104·7	+2·7	110	14	76·3	+2·5	66	2	0·36	0·36	−0·54	0·19	29	1	−1·1	6·3	4·3	+1·0	4	0	0	6	0	2	0	0	0	0
Jamshedpur (P.B.O.)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7·2	4·7	..	..	0	0	7	0	0	0	0	0	0
Chaibasa	105·4	+3·3	110	14,15,29	78·6	+3·9	71	2	0·11	0·31	−0·75	0·20	30	2	−0·2	3·6	2·3	−0·2	2	0	0	2	0	0	0	0	0	0
Ranchi	99·7	+4·0	103	10,29,30	71·7	+0·4	64	3	0	0·21	−0·68	0·21	20	1	−1·4	5·3	4·0	−0·9	1	0	0	1	0	0	0	0	0	0

(c) Mean of 28 days (R) Register not received. (b) Mean of 29 day . (h) Mean of 23days.

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
Chota Nagpur (*contd.*)																												
Hazaribagh	99·0	+1·8	103	8,10	71·8	0	62	3	0·27	0·48	−0·07	0·23	28	2	+0·5	9·3	6·7	+0·2	4	0	0	4	0	0	0	0	0	0
Hazaribagh (C.W.)	99·7	..	104	8	70·1	..	62	3	0·25	0·40	..	0·20	28	1	..	3·7	2·1	...	5	0	1	4	0	1	0	0	0	0
Daltonganj	103·5	+2·1	109	28	71·3	+1·3	61	2,3	0·20	0·22	−0·19	0·16	19	1	+0·2	6·2	3·5	0	2	0	0	3	0	0	0	0	0	0
Bihar.																												
Purnea	96·5	+0·2	103	17,19	68·6	−0·6	59	4 days	0·14	0·49	−0·79	0·35	27	2	+0·2	7·8	5·2	+1·8	2	0	0	3	0	0	0	0	0	0
Forbesganj	..	..	..	..	..	..	..	..	0	0	..	0	..	0	..	..	..	..	0	0	0	0	0	0	0	0	0	0
Darbhanga	96·0	−1·0	101	4 days	71·9	+2·1	61	2	0	1·36	+0·68	0·90	30	2	+0·7	4·5	4·0	+0·2	2	0	0	2	0	0	0	0	0	0
Motihari (R)																												
Muzaffarpur	..	..	..	..	..	..	..	..	..	0·92	+0·44	0·92	30	1	+0·1	..	..	..	..	..	..	..	..	..	..	..	..	..
Chapra	..	..	..	..	..	..	..	..	..	0·67	+0·35	0·67	30	1	+0·3	..	..	..	..	..	..	..	..	..	..	..	..	..
Arrah	..	..	..	..	..	..	..	..	..	2·75	+2·50	2·75	30	1	+0·5	..	..	..	..	..	..	..	..	..	..	..	..	..
Patna	101·1	+2·2	106	10	74·3	+0·8	67	2	0	1·39	+1·12	1·35	30	1	+0·4	7·6	6·2	+1·9	2	0	0	1	0	3	0	0	0	0
Patna (Aerodrome)	101·9	..	107	10	72·9	..	61	1	0	1·31	..	1·29	30	1	..	9·7	6·2	..	2	0	0	1	0	5	0	0	1	0
Dehri	103·8	..	109	10,11	73.1	..	65	3	0	0	−0·23	0	..	0	−0·6	8·0	5·0 (n)	..	0	0	0	0	0	1	0	0	0	0
Gaya	103·7	+1·8	110	11	72·8	+0·1	62	3	0.53	0·54	+0·30	0·53	20	1	+0·4	..	6·3	+0·5	2	0	0	2	0	4	0	3	1	0
Jamui	102·6	..	107	8	73·8	..	66	3,4	0	1·00	..	0·86	30	2	..	6·4	5·5	..	2	0	0	0	0	0	0	0	0	0
Dumka (R)																												
Sabour	100·2	+1·0	106	18,19	70·7	+1·1	59	4	0·02	0·42	−0·30	0·27	30	1	−0.3	9·5	6·8	+0·8	4	0	0	3	0	0	0	0	0	0
Bhagalpur	100·3	..	106	18	74·2	..	67	4	0	0·22	..	0·22	30	1	..	8·7	7·2	..	1	0	0	4	0	1	0	0	0	0
U. P., East.																												
Gonda	101·6	+1·8	107	10	70·8	+2·3	63	2,3	0	0	−0·35	0	..	0	−0·1	11·3	5·1	+0·3	1	0	0	0	0	0	0	0	0	0
Gorakhpur	101·2	+1·9	105	14	73·3	+2·0	65	2	0	0·18	−0·19	0·18	30	1	+0·3	7·6	4·9	+2·1	1	0	0	0	0	0	0	0	0	0
Azamgarh	103·6	..	109	10	71·2	..	61	23	0	0·09	..	0·09	20	0	..	8·2	4·7	..	1	0	0	0	0	0	0	0	0	0
Banaras	104·2	+2·4	111	27	72·7	+1·1	65	1,2	0	0	−0·20	0	..	0	−0·4	9·4	6·8	+3·5	0	0	0	0	0	0	0	0	0	0
Banaras (Babatpur Aerodrome)	103·2	..	109	27	71·4	..	62	2	0	0·01	..	0·01	20	0	..	12·8	8·3	..	1	0	0	4	0	2	0	0	0	0
Allahabad (*Bamrauli*)	103·1	+0·5	111	28	72·8	+1·4	62	2	0	0·16	−0·01	0·15	19	1	+0·6	6·0	4·2	−0·1	2	0	0	3	0	2	0	0	0	0
Fatehpur	99·5	−1·5	107	7,28	71·9	+2·0	62	2,3	0·01	0·86	+0·53	0·61	18	2	+1·4	7·6	3·6	+0·1	4	0	0	3	0	3	0	0	0	0
Banda	104·2	..	112	27	73·0	..	63	2	0	0·17	..	0·10	18	1	..	5·3	2·6	..	2	0	0	0	0	0	0	0	0	0
Orai	103·1	..	111	29	73·6	..	62	1	0·05	0·05	..	0·05	19	0	..	8·2	5·2	..	1	0	0	2	0	0	0	0	0	0
Kanpur	102·0	+2·6	110	28	72·6	+2·0	63	1,2	0·01	0·08	−0·14	0·06	20	0	−0·6	12·1	7·8	+0·5	3	0	0	0	0	0	0	0	0	0
Lucknow	102·9	+1·5	109	8,27	73·3	+2·5	61	1,2	0	0	−0·25	0	..	0	−0·6	5·2	2·8	+0·4	0	0	0	0	0	0	0	0	0	0
Lucknow (Amausi Aerodrome)	101·2	..	107	27,28	68·9	..	55	1	0	0·05	..	0·04	20	0	..	8·6	4·6	..	2	0	0	2	0	0	0	0	0	0
Hardoi	101·5	..	109	27	70·1	..	57	1	0	0	..	0	..	0	..	4·2	4·8	..	0	0	0	0	0	0	0	0	0	0
Lakhimpur Kheri	100·9	..	106	8,10	71·0	..	64	1,20	0·04	0·04	..	0·04	..	0	..	6·0	3·7	..	1	0	0	0	0	0	0	0	0	0
Bahraich	101·6	+2·7	106	4 days	71·0	+1·7	61	1	0	0	−0·32	0	..	0	−0·6	8·3	5·2	+1·8	0	0	0	0	0	0	0	0	0	0
U. P., West.																												
Jhansi	102·8	+0·2	112	29	74·2	+2·0	62	1	0·26	0·26	+0·12	0·17	21	1	+0·5	2·8	2·4	−0·8	2	0	0	0	0	0	0	0	0	0
Agra	101·3	+1·3	110	28	75·1	+5·5	63	2	0	0	−0·21	0	..	0	−0·6	3·6	2·5	−1·4	0	0	0	1	0	0	0	0	0	0
Mainpuri	102·7	+1·5	111	27,28	71·2 (b)	+2·0 (b)	58	2	0	0·23	0	0·17	20	1	+0·3	..	..	..	2	0	0	2	0	0	0	0	0	0
Aligarh	101·7	+5·1	110	27,28	70·1	+2·1	56	1	0	0·32	−0·17	0·32	19	1	0	..	..	..	1	0	0	3	0	0	0	0	0	0
Bareilly	100·6	+2·8	107	16,27,28	71·2	+2·4	60	2	0	0·81	+0·54	0·81	19	1	+0·4	6·2	3·6	+1·0	1	0	0	2	0	0	0	0	0	0
Meerut	98·8	+1·1	108	27,28	70·8	+3·5	60	1	..	0·30	−0·07	0·30	19	1	+0·2	..	4·8	..	1	0	0	0	0	0	0	0	0	0
Najibabad	97·6	..	105	28	66·3	..	55	2	0·04	0·74	..	0·70	19	1	..	7·0	4·5	..	2	0	0	2	0	0	0	0	0	0
Roorkee	98·3	+2·6	107	28,29,30	65·9	+0·9	56	1	0·03	0·41	−0·04	0·23	13	2	+0·9	6·3	4·3	+1·5	2	0	0	3	0	0	0	0	0	0
Dehradun	89·0	−1·0	100	27	64·0	+1·5	57	1,21	0·82	0·82	−0·17	0·64	19	2	+0·3	3·5	2·6	+0·2	2	0	0	5	0	0	0	0	0	0
Punjab (I).																												
New Delhi	98·7	+2·1	107	28,29	72·2	+4·5	57	1	0	0·15	−0·18	0·15	19	1	+0·1	10·7	7·0	..	1	0	0	3	0	0	0	0	0	0
Hissar	103·3	+5·5	111	30	67·2	+0·5	53	1	0	0·05	−0·21	0·05	18	0	−0·9	5·3	4·4	+0·1	1	0	0	0	0	0	0	0	0	0
Karnal	100·8	..	107	28	68·8	..	59	1	0·04	0·89	..	0·85	19	1	..	0·9	0·6	..	2	0	0	2	0	0	0	0	0	0
Ambala	100·4	+4·4	110	27,28	69·3	+2·9	60	1	0	0	−0·64	0	..	0	−1·6	7·0	5·6	+2·0	0	0	0	0	0	0	0	0	0	0
Patiala	99·1	..	109	27,28	68·9	..	61	1	0·09	0·59	+0·47	0·41	19	2	+1·7	9·1	6·5	..	3	0	0	1	0	0	0	0	0	0
Ludhiana	99.3	+3·6	110	27,28	66·5	0	55	1	0	0·56	−0·09	0·20	10	3	+1·7	1·1	0·6	−1·4	3	0	0	1	0	0	0	0	0	0
Ferozepur	98·1	..	109	27	65·6	..	55	1	0·13	0·32	..	0·18	20	1	..	2·7	1·7	..	3	0	0	8	0	0	0	0	0	0
Amritsar	99·7	..	108	26,28	62·4	..	49	1	0·11	0·49	..	0·21	20	2	..	8·7	7·7	..	6	0	0	4	0	1	0	0	0	0
Pathankot	94·3	..	106	27	64·3	..	54	1	0·13	0·34	..	0·14	14	1	..	4·3	3·1	..	5	0	0	3	0	0	0	0	0	0
Jammu & Kashmir.																												
Srinagar	68·1	+1·3	81	29,30	46·4	+1·8	38	21	1·06	3·21	−0·44	0·73	19	7	−0·8	1·8	2·6	−0·6	9	0	0	4	0	0	0	0	0	0
Gulmarg									Closed during winter months.																			
Sonamarg	..	..	..	..	..	..	..	..	..	7·46	−2·47	2·20	13	9	−3·5	..	..	..	..	..	..	..	..	..	..	..	..	..

(n) Mean of 17 days. (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
Jammu & Kashmir—(*contd.*)																												
Dras (R)																												
Kargil (R)																												
Leh	53·2	−2·2	62	28,29	30·6	+0·3	21	15	0·18	0·85	+0·62	0·60	15	2	+1·2	5·8	4·4	+1·7	3	6	0	0	0	0	0	0	0	0
Skardu (R)																												
Gurez	..	..	..	..	..	..	..	..	..	2·76	−3·99	0·50	13	7	−4·7	..	..	..	..	..	..	..	..	..	..	..	..	..
Gilgit (R)																												
Misgar (R)																												
Jammu (R)																												
Rajasthan, West																												
Sri Ganganagar	99·3	+3·9	110	30	67·6	+5·6	49	1	0	0·01	−0·29	0·01	20	0	−0·9	6·7	4·3	−1·2	1	0	0	0	0	0	0	0	0	0
Bikaner	101·6	+1·4	112	30	71·0	+0·6	47	1	0	0	−0·19	0	..	0	−0·5	4·2	3·9	−0·8	0	0	0	1	0	0	0	0	0	0
Jaisalmer	100·9	..	110	29	72·3	..	51	1	0	0	..	0	..	0	..	10·8	9·1	..	0	0	0	0	0	0	0	0	0	0
Jodhpur	101·9	+2·5	109	26,29	72·4	+1·6	59	2,3	0	0·08	−0·05	0·08	18	0	−0·5	6·2	5·1	..	1	0	0	2	0	3	0	0	0	0
Phalodi	99·7	..	108	28,29	73·0	..	54	1,2	0	0	−0·12	0	..	0	..	9·3	7·6	..	0	0	0	0	0	0	0	0	0	0
Barmer	101·9	+1·6	110	28	76·4	+2·1	64	1,3	0	0	−0·19	0	..	0	−0·4	6·1	7·2	+1·4	0	0	0	2	0	0	0	0	0	0
Rajasthan, East.																												
Sikar	98·3	..	106	26,27,28	66·6	..	45	2	0·21	0·30	..	0·21	19	1	..	8·3	5·4	..	2	0	0	2	0	0	0	0	0	0
Jaipur	99·8	+1·6	108	27,29,30	70·5	+1·7	57	2	0	0·04	−0·13	0·04	11	0	−0·5	6·7	5·1	..	1	0	0	4	0	0	0	0	0	0
Jaipur (Sanganer Aerodrome).	99·8	..	109	30	70·9	..	56	2	0	0·05	..	0·03	10	0	..	9·1	7·6	..	2	0	0	3	0	0	0	0	0	0
Ajmer	98·0	+0·7	106	30	73·1	+1·6	59	2,3	0·02	0·02	−0·13	0·02	20	0	−0·4	5·2	6·3	+1·8	1	0	0	2	0	0	0	0	0	0
Kotah	103·0	+1·3	112	30	77·3	+1·5	68	1	0	0·07	−0·14	0·05	14	0	−0·5	5·5	3·6	+0·9	2	0	0	1	0	0	0	0	0	0
Jhalawar	102·2	+1·7	110	29	72·2	+2·1	65	3	0	0	−0·27	0	..	0	−0·5	2·9	1·7	−1·8	0	0	0	0	0	0	0	0	0	0
Udaipur	97·0	−0·7	103	27,29	69·5	−1·7	58	1	0·22	1·06	+0·95	1·06	20	1	+0·8	4·8	2·9	..	1	0	0	1	0	0	0	0	0	0
Madhya Bharat.																												
Gwalior (P.B.O.)	102·5	+0·1	111	29,30	72·7	−1·2	55	2	0	0	−0·20	0	..	0	−0·6	6·4	4·3	..	0	0	0	2	0	0	0	0	0	0
Sheopur Kalan	103·7	..	111	30	70·2	..	60	1	0	0·20	..	0·20	18	1	..	7·1	4·3	..	1	0	0	1	0	0	0	0	0	0
Guna	102·0	+2·4	109	27,28,29	69·9	+3·0	60	2	0·09	0·14	−0 15	0·14	19	1	+0·5	8·4	4·3	+0·7	1	0	0	2	0	0	0	0	0	0
Neemuch	100·6	+1·5	107	28,29	73·9	+3·0	67	1,2,4	0	0·09	−0 03	0·09	18	0	−0·3	6·9	5·4	−0·5	1	0	1	1	0	0	0	0	0	0
Ratlam	101·2	..	107	27	73·3	..	62	15	0	0·08	..	0 08	14	0	..	7·5	5·3	..	1	0	0	1	0	0	0	0	0	0
Indore	100·5	−0·1	107	29,30	71·1	+3·1	66	7	0·06	0·06	−0·07	0·06	14	0	−0·3	8·9	6·2	−0·7	1	0	0	2	0	0	0	0	0	0
Bhopal (Bairagarh)	101·6	+2·4	108	29	72·3	+1·4	67	2,6	0	0	−0·22	0	..	0	−0·7	8·2	6·8	0	0	0	0	1	0	0	0	0	0	0
Vindhya Pradesh.																												
Nowgong	102·9	+1·1	111	29	69·6	−0·5	59	1,2	0·04	0·11	−0·06	0·07	18	0	−0·3	5·8	3·2	+0·9	2	0	0	3	0	0	0	0	0	0
Sutna	102·3	+1·8	109	4 days	72·6	+1·1	65	2	0·14	0·14	−0·14	0·14	20	1	+0·3	6·8	4·3	−0·6	1	0	0	3	0	0	0	0	0	0
Umaria	102·2	+3·3	109	30	70·6	+1·9	63	1	0	0·04	−0·42	0·04	15	0	−0·9	5·4	3·1	−0·4	1	0	0	2	0	0	0	0	0	0
Madhya Pradesh, East.																												
Gondia	102·6	..	110	30	76·1	..	69	18,19	0·13	1·45	..	1·02	18	3	..	4·0	2·5	..	4	0	0	3	0	0	0	0	0	0
Pendra	98·3	+2·9	106	30	73·6	+2·5	66	19	0·47	0·85	−0·12	0·33	22	4	+1·9	6·4	3·9	−0·4	7	0	1	7	0	0	0	0	0	0
Raigarh	105·0	..	112	30	78·4	..	71	4	0·52	0·62	..	0·47	7	2	..	5·5	3·8	..	3	0	1	1	0	0	0	0	0	0
Ambikapur	98·7	..	105	28,30	69·3	..	62	3	0·48	0·48	..	0·38	19	2	..	8·1	5·4	..	2	0	0	3	0	0	0	0	0	0
Champa	104·3	..	111	28,30	76·7	..	69	1	0·15	0·80	..	0·27	15	3	..	5·6	3·9	..	6	0	0	6	0	0	0	0	0	0
Raipur	102·5	−0·3	110	30	79·3	+3·0	70	15	0·13	0·90	+0·26	0·69	15	3	+1·3	7·0	5·2	+0·1	4	0	0	6	0	0	0	0	0	0
Kanker	100·3	+0·6	106	30	76·9	+3·7	71	4,23	0·83	1·00	−0·17	0·58	15	2	−0·3	6·2	4·6	+1·1	5	0	0	8	0	0	0	0	0	0
Chanda	103·4	−2·0	111	29,30	77·9	+2·0	71	17	0	0·47	−0·31	0·39	17	1	−0·8	4·1	3·0	+0·1	2	0	0	4	0	0	0	0	0	0
Sironcha	103·0	..	108	30	80·6	..	70	2	0	1·32	..	0·82	2	3	..	5·0	3·9	..	3	0	0	2	0	0	0	0	0	0
Jagdalpur P.B.O.	98·8	+0·1	103	30	71·9	+0·1	66	8	0·03	1·82	+0·04	1·21	16	4	+0·5	5·1	3·5	..	9	0	0	9	0	0	0	0	0	0
Madhya Pradesh, West.																												
Buldhana	99·5	..	106	28	77·6	..	69	16,18	0	0·79	..	0·44	16	2	..	6·6	7·0	..	5	0	0	5	0	0	0	0	0	0
Akola	105·1	−0·4	112	28	78·0	+3·1	71	17	0	1·10	+0·90	0·63	17	3	+2·5	6·3	5·4	+0·9	3	0	0	4	0	0	0	0	0	0
Amravati	103·9	−0·4	111	30	79·3	+2·8	70	17,18	0·03	1·14	+0·80	0·43	18	3	+2·2	7·4	5·7	+1·1	4	0	0	7	0	0	0	0	0	0
Yeotmal	102·9	..	110	29	79·8	..	68	17	0	0·10	..	0·07	17	0	..	7·0	6·9	..	2	0	0	0	0	0	0	0	0	0
Khandwa	105·9	+1·5	111	27,28,30	76·9	+2·2	70	25,31	0	0·14	+0·03	0·09	18	0	−0·3	8·1	6·3	+1·1	2	0	0	2	0	0	0	0	0	0
Hoshangabad	104·5	+2·7	111	30	76·3	+2·8	70	24,25	0	0·11	−0·02	0·06	20	0	−0·3	4·0	2·7	+0·2	2	0	0	1	0	0	0	0	0	0
Sagar	100·8	+1·1	107	28,29,30	77·1	+3·6	71	1,4,19	0	0·02	−0·19	0·02	19	0	−0·5	9·7	9·1	−1·4	1	0	0	4	0	0	0	0	0	0
Jabalpur	104·0	+3·4	111	30	71·3	+2·9	64	1,2,3	0	0·02	−0·30	0·02	15	0	−0·8	4·7	3·0	+0·6	1	0	0	1	0	0	0	0	0	0
Mandla	100·8	..	108	29,30	68·0	..	59	23	0·25	0·64	..	0·17	16	3	..	4·4	2·6	..	7	0	0	6	0	1	0	0	0	0
Seoni	99·5	0	108	30	73·0	+2·4	66	17	0·10	1·10	+0·50	0·47	16	4	+2·3	5·5	3·7	+0·3	4	0	0	3	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
adhya Pradesh, West—(contd.)																												
Chhindwara	98·8	..	105	28,30	72·8	..	65	17	0·04	0·65	..	0·47	18	2	..	5·8	3·9	..	4	0	0	2	0	0	0	0	0	0
Betul	99·9	..	106	29	70·8	..	65	24	0	0·17	..	0·12	17	1	..	5·8	3·9	..	3	0	0	4	0	0	0	0	0	0
Nagpur	104·4	+0·2	112	30	76·5	+2·0	71	18	0·03	0·38	−0·22	0·27	18	1	−0·3	5·8	4·4	..	5	0	0	4	0	0	0	0	0	0
Gujarat.																												
Deesa	102·3	..	109	25,26,27	71·8	..	65	1	0	0	..	0	..	0	..	..	..	..	0	0	0	0	0	0	0	0	0	0
Surat	101·2	+2·1	107	24	76·0	+2·3	74	4 days	0	0	−0·03	0	..	0	−0·1	5·8	4·8	+0·6	0	0	0	0	0	0	0	0	0	0
Ahmedabad	104·8	−0·6	111	26,27	74·4	+1·5	69	1,3,4	0	0	−0·05	0	..	0	−0·1	6·2	5·4	+0·5	0	0	0	0	0	1	0	0	0	0
Dohad	102·9	+1·5	109	27	76·7	+2·6	72	1	0·02	0·07	+0·05	0·05	14	0	0	10·3	9·9	+4·2	2	0	0	0	0	0	0	0	0	0
Baroda	105·3	+2·4	113	27	73·5	+4·7	68	1	0	0	0	0	..	0	0	3·4	2·7	−0·6	0	0	0	0	0	0	0	0	0	0
Baroda (Aerodrome)	104·0	..	111	27	75·4	..	0	1	0	0	..	0	..	0	..	5·2	4·6	..	0	0	0	0	0	0	0	0	0	0
Broach	105·4	..	113	27	76·3	..	69	1	0	0	..	0	..	0	..	5·1	5·1	..	0	0	0	0	0	0	0	0	0	0
Maharashtra and Kutch																												
Bhuj	99·6	−0·2	107	25	72·3	+1·0	64	1,3	0	0	−0·07	0	..	0	−0·1	7·9	6·2	−1·2	0	0	0	0	0	0	0	0	0	0
Bhuj (P.B.O.)	..	..	..	..	..	..	..	..	0	0	..	0	..	0	..	6·3	5·0	..	0	0	0	0	0	0	0	0	0	0
Dwarka	85·8	+0·7	94	2	76·6	+0·2	68	1	0	0	−0·03	0	..	0	0	12·4	11·9	+2·3	0	0	0	0	0	0	0	0	0	0
Porbandar	91·0	..	107	23,24	73·5	..	67	3	0	0	..	0	..	0	..	13·3	10·6	..	0	0	0	0	1	0	0	0	0	0
Jamnagar	96·6	+1·0	107	25	71·0	+1·7	62	1	0	0	−0·02	0	..	0	0	..	..	..	0	0	0	0	0	0	0	0	0	0
Rajkot	102·4	+0·6	108	24,25,26	71·0	+1·5	64	3,4	0	0	−0·03	0	..	0	−0·1	12·1	11·1	+3·0	0	0	0	0	0	0	0	0	0	0
Rajkot (Aerodrome)	102·8	..	109	24,25	70·5	..	62	3	..	0	..	0	..	0	..	..	12·6	..	0	0	0	0	0	0	0	0	0	0
Veraval	..	..	..	..	72·2	..	65	1	0	0	0	0	..	0	0	14·4	12·7	+5·3	0	0	0	0	1	0	0	0	0	0
Mahuva	97·5	..	105	3	74·2	..	65	20	0	0	..	0	..	0	..	11·2	9·6	..	0	0	0	0	0	0	0	0	0	0
Bhavnagar	103·3	+1·3	110	27	74·5	+1·0	65	1	0	0	−0·10	0	..	0	−0·3	6·9	6·5	+0·8	0	0	0	1	0	0	0	0	0	0
Bhavnagar (Aerodrome)	101·0	..	108	27	75·6	..	69	1	..	0	..	0	..	0	..	..	11·1	..	0	0	0	1	0	0	0	0	0	0
Konkan.																												
Dahanu	89·9	..	99	3	75·8	..	69	1	0	0	..	0	..	0	..	11·2	8·6	..	0	0	0	0	0	0	0	0	0	0
Bombay (Colaba)	91·2	+2·1	97	3	78·0	+1·9	74	18	0	0·17	+0·14	0·11	5	1	+1·0	8·1	5·7	−1·4	3	0	0	2	0	0	0	0	0	0
Bombay (Santa Cruz Aerodrome)	91·3	+1·6	99	2,3	74·4	+2·0	69	1,18,19	0	0·02	−0·01	0·02	6	0	0	12·1	7·6 (e)	..	1	0	0	2	0	0	0	0	0	0
Alibag	88·3	+0·7	91	4 days	76·6	+1·3	72	1	..	0·07	+0·06	0·07	6	0	0	..	5·3	−1·5	1	0	0	2	0	0	0	0	0	0
Harnai	85·9	..	90	25,26,27	78·9	..	71	6	0	0·73	..	0·68	6	1	..	12·7	10·6	..	2	0	0	0	0	0	0	0	0	0
Ratnagiri	90·3	..	96	3	78·3	..	72	5	0	0·15	..	0·12	5	1	..	..	..	..	2	0	0	1	0	0	0	0	0	0
Devgad	89·8	..	94	27	78·9	..	69	5	0	0·43	..	0·43	5	1	..	12·2	10·7	..	1	0	0	0	0	0	0	0	0	0
Vengurla	90·7	..	96	3	76·4	..	69	5	0	0·58	..	0·55	5	1	..	..	..	..	3	0	0	11	0	0	0	0	0	0
Marmagao	88·1	+0·5	90	26	79·1	+0·1	69	5	0	0·97	−0·35	0·66	5	2	+1·2	10·9	9·0	+2·5	2	0	0	5	0	0	0	0	0	0
Karwar	88·8	..	91	4 days	77·2	..	71	5	0	1·03	..	0·63	5	2	..	..	..	..	4	0	0	2	0	0	0	0	0	0
Honavar	89·9	..	92	5 days	77·7	..	72	5	0·03	0·78	+0·04	0·53	5	2	+0·9	4·7	3·8	..	5	0	0	0	0	0	0	0	0	0
Deccan (Deals).																												
Khandala	..	..	..	..	..	..	..	..	..	0·70	+0·39	0·70	6	1	+0·3	..	..	..	1	..	..	..	..	..	..	..	..	..
Jalgaon	107·5	..	114	28	77·9	..	69	1	0	0·05	−0·02	0·03	17	0	−0·2	9·5	8·9	..	2	0	0	1	0	0	0	0	0	0
Malegaon	104·4	+1·2	110	30	74·4	+3·5	64	20	0	0	−0·12	0	..	0	−0·3	6·1	5·3	−1·0	0	0	0	0	0	0	0	0	0	0
Deolali	100·1	..	105	25,26,27	70·3	..	62	20	..	0·77	..	0·35	3	3	..	..	5·9	..	4	0	0	6	0	0	0	0	0	0
Ahmednagar	100·4	+0·1	106	29,30	73·3	+3·5	65	19	0·40	0·51	+0·11	0·34	17	1	−0·1	6·3	5·2	−0·9	5	0	0	0	0	0	0	0	0	0
Poona	99·5	−1·4	105	13	71·5	+3·2	62	6	0·60	2·60	+1·01	1·90	6	3	+1·7	3·2	2·6	−3·8	6	0	0	10	0	0	0	0	5	0
Poona (Lohagaon Aerodrome)	99·1	..	104	29	71·0	..	63	6	0·36	0·70	..	0·21	9	3	..	..	..	..	5	0	0	7	0	0	0	0	0	0
Jeur	101·1	..	107	30	72·6	..	64	6	0·68	1·65	..	0·65	25	4	..	7·0	7·0	..	7	0	0	10	0	0	0	0	0	0
Sholapur	102·5	−1·0	108	29,30	75·7	+0·4	70	2	0·29	0·77	+0·24	0·30	27	3	+1·8	9·6	7·4	+1·0	8	0	0	9	0	0	0	0	0	0
Miraj	98·8	−0·4	103	1,29,30	70·9	+0·9	64	20	0·42	1·27	−0·72	0·48	8	3	−0·1	7·2	7·5	+1·5	8	0	0	7	0	1	0	0	0	0
Kolhapur	97·6	..	103	30	70·4	..	62	19	2·07	2·80	..	1·33	27	4	..	7·2	7·5	..	14	0	1	19	0	1	0	2	1	0
Bijapur	99·2	−1·5	104	29	74·3	−0·2	66	6	0	1·13	+0·58	0·47	1	3	+1·2	4·9	4·9	+0·3	5	0	0	2	0	2	0	0	0	0
Belgaum	92·3	−3·5	98	30	66·7	−0·5	62	19	0·21	2·47	+0·72	0·60	6,14	7	+3·7	4·2	3·8	+0·2	12	0	0	7	0	0	0	0	0	0
Belgaum (Sambre Aerodrome)	93·6	..	99	30	67·5	..	63	19	0·03	2·18	..	0·92	1	3	..	9·3	9·7	..	10	0	0	8	0	0	0	0	0	0
Gadag	98·1	−0·7	103	30	72·5	+0·1	68	6,17	0·31	1·68	+0·22	1·01	17	3	+0·2	5·2	5·8	−0·3	4	0	0	7	0	0	0	0	0	0
Hyderabad, North.																												
Aurangabad	101·1	−0·2	107	30	75·1	+1·4	69	3,4,19	0·17	1·08	+0·84	0·60	16	3	+2·4	6·7	7·5	0	6	0	0	10	0	0	0	0	0	0
Aurangabad (Chikalthana Aerodrome)	100·5	..	107	28	73·2	..	65	3,20	0·07	0·48	..	0·25	17	2	..	7·4	7·3	..	5	0	0	7	0	0	0	0	0	0
Parbhani	102·5	..	110	29	76·8	..	68	19	0	1·30	+0·88	0·75	18	4	+2·8	..	..	..	6	0	0	8	0	1	0	0	0	0
Ramagundam	104·2	..	112	29	81·3	..	74	2	0	0·32	..	0·28	2	1	..	4·9	4·9	..	3	0	0	0	0	0	0	0	0	0
Nizamabad	102·9	−0·7	109	29,30	77·8	+1·5	70	4	0·70	0·99	+0·14	0·85	16	1	−1·0	4·6	3·7	+0·5	4	0	0	1	0	0	0	0	0	0
Bidar	98·7	0	105	29,30	76·6	+0·6	70	16	0·12	0·55	−0·52	0·43	16	1	−1·5	8·0	7·3	+0·9	5	0	0	0	0	0	0	0	0	0

(e) Mean of 26 days.

TABLE II—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER—APRIL 1953.

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.	Duststorm.	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	102·0	−1·4	107	14,30	77·5	+1·2	70	4,8	0	0·31	−0·52	0·12	22	1	−1·1	8·7	8·0	+1·6	5	0	0	2	0	1	0	0	0	0
Raichur	100·7	−1·8	107	30	79·1	+0·3	73	10	0	0·53	−0·11	0·50	10	1	−0·4	5·8	6·5	+0·5	2	0	0	4	0	2	0	0	0	0
Mahabubnagar	98·1	..	104	30	76·6	..	70	5	1·66	2·41	..	1·07	24	5	..	6·8	5·7	..	7	0	0	4	0	0	0	0	0	0
Hyderabad (Nizamiah)	100·4	−0·1	107	30	77·0	+1·9	70	11	0·29	0·92	−0·25	0·29	11	4	+2·1	5·8	5·4	+0·8	4	0	0	5	0	0	0	0	2	0
Hyderabad (Begumpet Aerodrome).	98·9	..	106	30	76·4	..	68	11	0·04	0·57	..	0·27	19	3	..	7·5	7·0	..	4	0	0	6	0	0	0	0	2	0
Hakimpet	..	..	..	..	75·8	..	70	11	..	..	..	..	..	..	..	..	..	..	..	0	0	6	0	0	0	2	2	0
Hanamkonda	102·3	+1·6	110	30	78·6	+1·5	71	19	0·06	0·79	−0·12	0·50	19	2	+0·4	5·9	6·6	+0·7	4	0	0	4	0	1	0	0	0	0
Bhadrachallam	102·1	..	108	30	78·5	..	73	9,21	0	1·33	..	1·18	21	2	..	5.6	6·2	..	3	0	0	5	0	0	0	0	0	0
Khammameth	102·0	..	110	30	79·6	..	74	19	0	0·29	..	0·29	19	1	..	5·0	5·7	..	1	0	0	5	0	1	0	0	0	0
Coastal Andhradesa.																												
Nellore	98·7	−0·7	104	13,14	79·3	+1·9	75	2	0	0	−0·48	0	..	0	−0·6	8·0	6·5	+0·9	0	0	0	3	0	0	0	0	0	0
Ongole	95·6	..	102	12	80·1	..	75	2	0	0	..	0	..	0	..	8·2	6·3	..	0	0	0	0	0	0	0	0	0	0
Gannavaram	100·5	..	103	12,29,30	78·9	..	73	11	3·05	3·08	..	3·05	22	2	..	9·2	8·0	..	2	0	0	5	0	0	0	0	0	0
Masulipatam	94·4	+0·2	98	10,12	79·7	+2·0	75	2,3	0	0	−0·69	0	..	0	−0·9	11·3	8·3	+2·5	0	0	0	3	0	0	0	0	0	0
Kakinada	95·6	−0·5	101	4 days	79·5	+1·0	75	4	0·03	0·03	−0·61	0·03	22	0	−1·0	8·9	6·3	+1·2	1	0	0	0	0	0	0	0	0	0
Visakhapatnam	95·5	−1·1	99	17	79·7	+2·2	76	3,4	0	0	−0·71	0	..	0	−1·3	14·4	9·5	+1·0	0	0	0	3	0	0	0	0	0	0
Calingapatam	91·5	−1·0	93	7 days	78·7	+0·5	75	2,3	0	0	−0·76	0	..	0	−1·5	9·2	9·5	+1·2	0	0	0	2	0	0	0	0	0	0
Rentachintala	103·3	+1·8	110	14,30	79·7	+0·5	74	11,19	0	1·07	−0·12	1·00	19	1	−1·7	5·7	5·3	−1·3	2	0	0	6	0	0	0	0	0	0
Rayalaseema.																												
Arogyavaram	93·1	..	98	15,30	71·2	..	65	6	0·41	1·34	..	0·37	6	5	..	5·2	5·0	..	7	0	0	14	0	0	0	0	0	0
Cuddapah	103·5	−1·3	108	29,30	81·8	+0·9	75	6	0	0·09	−0·48	0·09	6	0	−1·1	5·3	3·8	−3·2	1	0	0	0	0	0	0	0	0	0
Bellary	99·2	−3·5	104	30	78·1	+0·7	70	6	0·53	1·18	+0·34	0·60	17	2	+0·1	4·8	4·3	+0·4	4	0	0	6	0	0	0	0	0	0
Kurnool	102·3	−1·3	107	30	79·4	+0·4	69	3	0·08	0·08	−0·59	0·08	17	0	−1·5	5·7	5·6	+0·9	1	0	0	3	0	0	0	0	0	0
Anantapur	100·2	..	105	30	78·1	..	71	6	0	1·53	+0·89	1·08	19	2	+0·7	6·0	6·6	..	3	0	0	0	0	0	0	0	0	0
Tamilnad.																												
Palayamcottai	98·5	..	104	1,16	78·8	..	74	2,3	2·59	4·98	+2·50	1·65	17	6	+2·3	5·4	4·0	..	8	0	0	4	0	0	0	0	0	0
Pamban	90·7	−0·4	94	30	84·1	+4·4	78	5	0	1·85	+0·01	0·90	5	3	−0·2	7·3	6·9	+0·8	4	0	0	3	0	0	0	0	0	0
Mathurai	97·1	−0·7	101	1	76·9	+0·2	72	11	0·79	9·09	+6·93	2·74	20	7	+3·9	3·4	2·7	−0·2	9	0	0	8	0	0	0	0	0	0
Nagapattinam	89·7	−2·3	94	21	80·7	+1·0	71	11	0·09	2·02	+0·91	1·76	11	2	+0·7	9·3	8·6	+2·3	3	0	0	2	0	0	0	0	0	0
Tiruchirapalli	96·0	−4·1	100	1,30	77·6	−0·4	68	11	0·65	6·00	+4·20	2·28	11	7	+5·0	5·0	5·8	+0·3	10	0	0	4	0	0	0	0	0	0
Coimbatore	90·4	−6·1	97	1	73·9	+0·3	70	9	2·95	7·85	+6·27	1·78	9	8	+4·8	5·8	4·9	+2·3	10	0	0	8	0	0	0	0	0	0
Coimbatore (Peelamedu Aerodrome)	94·2	..	99	1,29	73·4	..	70	6	0·79	6·62	..	1·95	16	11	..	8·2	8·8	..	11	0	0	16	0	0	0	0	1	0
Salem	96·2	−4·0	102	1	76·7	+0·2	71	5	1·48	3·95	+2·02	1·10	18	6	+2·4	4·2	4·7	+0·8	10	0	0	16	0	0	0	0	0	0
Kallakurichi	98·7	..	102	30	77·4	..	72	17	0·51	1·47	..	0·61	17	3	..	..	..	..	7	0	0	7	0	0	0	0	0	0
Cuddalore	91·1	−1·1	95	20	78·9	+1·2	71	11	0	1·83	+0·85	1·77	11	1	−0·1	8·4	7·1	+2·0	2	0	0	3	0	0	0	0	0	0
Vellore	97·6	−1·2	102	15,29,30	77·2	+1·0	71	6	0·10	0·79	−0·21	0·64	20	2	+0·5	5·4	5·1	+1·4	3	0	0	10	0	0	0	1	0	0
Madras	94·8	−0·7	98	13,15,30	79·9	+1·8	77	4 days	0·13	0·26	−0·35	0·18	17	1	+0·1	11·8	8·5	+1·4	2	0	0	4	0	0	0	0	0	0
Madras (Nungambakkam).	92·8	..	95	13,14,15	79·8	..	76	1,17	..	0·55	..	0·55	17	1	..	..	5·3	..	1	0	0	0	0	0	0	0	0	0
Malabar & South Kanara.																												
Mangalore	90·2	−1·0	93	5	79·4	+0·9	73	5	0	0·62	−0·91	0·23	10	3	+0·7	7·4	6·2	+1·2	6	0	0	10	0	0	0	0	0	0
Kozhikode	92·3	+1·3	94	4 days	78·1	−0·3	72	9	0·04	3·94	+0·36	1·88	9	7	+2·8	10·4	8·5	+1·8	8	0	0	13	0	0	0	0	0	0
Palghat	95·5	..	102	2,3	77·1	..	71	9	0·97	4·42	..	1·74	20	7	..	7·7	6·1	..	8	0	0	11	0	0	0	0	0	0
Mysore.																												
Chitaldrug	93·6	−3·7	100	30	71·8	−1·1	65	6	0·09	2·95	+1·98	1·19	17	3	+1·0	4·2	4·1	−0·2	5	0	0	5	0	0	0	0	0	0
Shimoga	94·9	..	99	29	71·8	..	65	6	1·38	2·66	..	1·10	8	3	..	3·9	3·4	..	5	0	0	6	0	0	0	0	0	0
Hassan	90·3	−2·1	95	30	67·7	+0·4	63	6	0·90	3·54	+1·34	1·00	17	7	+2·8	4·6	5·0	+1·1	8	0	0	12	0	0	0	0	0	0
Bangalore (Central observatory)	89·9	−2·6	95	30	69·2	+0·1	65	6	2·46	5·66	+4·05	2·92	19	6	+3·4	6·2	5·5	+1·2	11	0	0	13	0	0	0	0	0	0
Bangalore (Aerodrome)	90·8	..	97	30	69·0	..	65	6	0·29	4·49	..	2·32	19	6	..	..	..	..	9	0	0	18	0	0	0	0	0	0
Mysore	91·5	−3·1	97	30	70·1	−0·3	65	10,11	0·27	5·14	+2·84	1·05	11	9	+4·4	5·6	5·2	+0·4	11	0	0	10	0	0	0	0	0	0
Balehonnur	87·7	+0·4	92	1	66·1	0	62	6	..	2·40	−1·15	0·61	12	6	−0·5	..	..	..	12	0	0	4	0	0	0	0	0	0
Travancore-Cochin.																												
Fort Cochin	88·1	−0·5	90	4 days	77·8	−0·9	73	13,14,25	1·53	10·19	+5·25	2·08	20	13	+6·3	8·8	6·8	+1·5	16	0	0	13	0	0	0	0	0	0
Cochin (Willingdon Island Aerodrome)	89·4	..	91	5 days	76·7	..	72	13,14	2·19	7·76	..	2·02	13	13	..	6·2	3·8	..	16	0	0	19	0	0	0	0	0	0
Alleppey	90·9	..	93	15,16	77·4	..	73	24	0·18	5·05	..	1·45	24	11	..	9·5	7·2	..	18	0	0	13	0	0	0	0	0	0
Trivandrum	90·3	+0·2	94	2	76·8	−0·4	72	9	1·46	3·50	−1·05	1·13	20	6	−0·9	7·3	5·1	+0·8	11	0	0	13	0	0	0	0	0	0

ion 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
Stations—exclud-Kashmir.																												
hima	76·9	..	83	18	61·4	..	53	8	1·30	3·20	..	0·95	21	11	..	5·7	5·1	..	13	0	0	6	2	3	0	0	0	0
al	82·8	..	89	8	64·2	..	51	11	0·29	5·64	..	2·00	13	6	..	6·5	7·1	..	7	0	0	8	0	0	0	0	0	0
llong	76·1	+2·0	82	18	57·6	+0·6	48	2	2·07	4·03	−1·07	0·87	28	10	+0·8	5·7	4·9	−0·3	10	0	0	10	0	0	0	0	0	0
errapunji	72·3	+1·0	75	7 days	59·1	+0·2	53	8	1·54	30·10	+3·87	5·72	14	15	−1·0	9·2	8·6	+2·0	19	0	0	8	8	0	0	0	0	0
jiling	64·3	+3·1	69	16,18	50·0	+1·2	47	4 days	1·69	3·14	−1·00	0·63	30	7	−0·5	8·8	7·6	+1·9	11	0	1	8	8	0	0	0	0	0
jiling (Raj Bhawan)	66·5	..	71	1,2	52·1	..	48	27	1·14	3·12	..	0·68	8	8	..	2·5	2·6	..	10	0	0	7	17	2	0	0	0	0
limpong	74·1	0	78	17,19	60 6	+1·1	55	8,12,23	0·10	0·79	−1·94	0·34	27	3	−2·8	2·3	1·9	−6·0	4	0	0	2	5	0	0	0	0	0
tmandu	87·0	+3·1	91	17	53·2	+0·7	47	1	0·41	0·64	−0·37	0·38	30	2	−1·2	2·2	1·1	−0·2	7	0	0	7	6	0	0	0	0	0
kteswar (Kumaon)	70·8	+2·9	76	6,14	53·6	+3·3	39	19	0·25	1·17	−0·24	0·92	19	2	−1·3	11·5	10·3	+3·6	2	0	0	3	1	0	0	0	0	0
nital	70·8	..	76	28	54·3	..	45	19	0·01	1·44	..	1·40	19	1	..	6·4	5·0	..	3	0	0	2	0	0	0	0	0	0
pal	Closed during winter months.																											
una Chetty	..	..	..	..	..	..	..	..	..	1·87	..	1·20	19	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
ssooree	68·7	−0·5	77	27,28	55·0	+2·2	48	11	0·70	0·96	−0·37	0·70	19	2	−1·8	5·1	4·7	−0·5	4	0	0	6	0	0	0	0	0	0
arsali	..	..	..	..	..	..	..	..	..	3·67	..	1·85	19	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
na	..	..	..	..	..	..	..	..	..	2·73	..	1·62	19	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
la	68·8	+2·9	78	28	52·9	+2·3	37	20	0·63	2·38	+0·57	1·08	19	4	−0·1	3·2	2·5	−1·4	6	0	0	4	0	0	0	0	0	0
arampore	..	..	..	..	..	..	..	..	..	1·86	+0·48	1·20	19	4	+1·3	..	..	..	..	..	..	..	..	..	..	..	..	..
elang	..	..	..	..	..	..	..	..	..	4·97	+1·64	1·56	11	9	+2·6	..	..	..	..	..	..	..	..	..	..	..	..	..
adla	..	..	..	..	..	..	..	..	..	3·77	..	0·70	14	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
thi	..	..	..	..	..	..	..	..	..	10·63	..	2·25	12	9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
ksar	..	..	..	..	..	..	..	..	..	6·45	..	1·35	14	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..
housie	73·2	..	83	26,28,29	54·3	..	42	18,19	2·06	3·76	+0·77	0·90	10	7	+1·3	2·6	4·6	..	8	0	0	0	0	0	0	0	0	0
aramshala	81·3	..	91	27,28,29	64·1	..	52	19	1·00	2·57	..	1·21	19	4	..	6·2	4·6	..	7	0	0	0	0	0	0	0	0	0
hmarhi	93·7	+1·8	100	30	69·2	+0·4	62	3,24	0	0·17	−0·20	0·15	17	1	+0·1	3·7	2·9	−1·3	2	0	0	2	0	0	0	0	0	0
a	85·8	+1·5	93	25	70·0	+1·7	63	1,18,19	0	0	−0·11	0	..	0	−0·3	5·8	3·5	−0·4	0	0	0	0	0	0	0	0	0	0
habaleshwar	83·6	−1·8	89	1	65·3	−0·8	58	5,6,7	1·24	3·26	+2·08	1·20	7	6	+4·5	6·4	7·1	+0·1	10	0	0	11	0	0	0	0	0	0
adi Hills*																												
rcara	81·0	−2·7	87	27	65·1	+1·2	62	7,8	2·90	3·17	+0·61	1·08	16	7	+1·9	6·0	5·2	+2·0	8	0	0	6	0	0	0	0	0	0
daikanal	66·2	−2·0	72	30	52·9	−0·2	48	2	1·62	6·79	+1·97	1·70	20	13	+5·3	7·7	7·6	+0·1	17	0	0	18	0	0	0	0	0	0
tacamund	69·5	−2·0	74	15,30	52·0	+0·5	48	6	2·15	3·47	+0·43	0·69	22	10	+3·5	5·2	3·4	+0·1	14	0	0	1	0	0	0	0	0	0
noor	70·0	−4·6	79	30	56·9	+0·4	52	3	..	4·09	−1·78	0·56	19	11	+4·1	..	4·1	+0·9	13	0	0	1	0	0	0	0	0	0
m.																												
angu	..	..	..	..	..	..	..	..	..	2·84	..	0·90	21	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
ungthang	..	..	..	..	..	..	..	..	..	7·09	..	1·18	7	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..
hen	47·3	..	51	5 days	33·4	..	30	30	..	4·95	..	0·70	21	18	..	..	..	..	..	..	..	..	..	..	..	..	..	..
t.																												
tung (chumbi)	62·4	+5·3	67	5 days	18·4	−16·5	15	22	..	4·53	+0·62	1·10	7	10	−0·4	..	..	..	10	0	0	0	0	0	0	0	0	0
asa	61·5	..	72	15	48·4	..	26	9,24	0	0	..	0	..	0	..	..	..	..	0	0	0	0	0	0	0	0	0	0
antse	58·3	+2·6	68	14	28·3	+2·5	20	9,27	..	0·09	−0·11	0·08	23	0	−0·7	..	1·4	−3·4	2	0	0	0	0	0	0	0	0	0
m.																												
lombo	86·5	−2·3	89	4	74·9	−1·0	72	7	7·21	25·87	+16·44	4·30	24	22	+11·1	..	..	..	25	0	0	14	0	0	0	0	0	0
ncomalee	89·2	−2·5	92	16,18,23	77·1	−0·5	73	18	2·10	4·18	+2·16	2·18	18	4	+0·7	..	..	..	12	0	0	13	0	0	0	0	0	0
ticoloa	88·6	..	91	9,29	76·0	..	72	17	0·09	1·16	..	0·66	17	3	..	..	..	..	7	0	0	7	0	0	0	0	0	0
mbantota	88·4	+0·6	91	30	76·1	0	73	1,12	0 62	2·02	−1·75	0·56	7	4	−2·2	..	..	..	14	0	0	17	0	0	0	0	0	0
nnar	91·5	..	94	4 days	77·4	..	74	9	1·47	1·93	..	1·39	9	2	..	..	..	..	7	0	0	12	0	0	0	0	0	0
ROMETEORO-GICAL OBSER-TORIES.																												
modar Catchment																												
taro	102·5	..	107	8,10,27	70·8	..	59	3	0·51	0·72	..	0·40	30	2	..	8·2	4·9	..	4	0	0	5	0	1	0	0	0	0
zaribagh	97·7	..	102	8	71·3	..	61	3	0·43	0·55	..	0·39	28	2	..	10·0	6·1	..	4	0	1	3	0	0	0	0	0	0
hi	100·6	..	105	4 days	74·4	..	66	3	0·08	0·10	..	0·10	19	1	..	7·2	4·4	..	1	..	..	..	..	..	..	..	..	..
mgarh	103·4	..	108	4 days	68·5	..	57	1,3	0·39	0·52	..	0·26	19	2	..	5·2	2·7	..	4	..	..	..	..	..	..	..	..	..
anbad	102·7	..	107	4 days	75·0	..	68	3	0·11	0·24	..	0·15	20	1	..	7·3	5·9	..	3	0	0	3	0	1	0	0	0	0
nsol	..	..	..	..	..	..	..	..	..	0·40	..	0·27	30	2	..	..	..	..	2	..	..	..	..	..	..	..	..	..
anwar	..	..	..	..	..	..	..	..	..	0·38	..	0·38	28	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..
mri	..	..	..	..	..	..	..	..	..	0·10	..	0·10	19	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..
hungarh	..	..	..	..	..	..	..	..	..	0·40	..	0·40	30	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..
gunj (Giridih)	..	..	..	..	..	..	..	..	..	0·11	..	0·04	20	0	..	..	..	..	4	..	..	..	..	..	..	..	..	..
andwa	..	..	..	..	..	..	..	..	..	0·20	..	0·13	19	1	..	..	..	..	2	..	..	..	..	..	..	..	..	..
punki (Chas Road)	..	.	..	..	..	..	..	..	..	0·79	..	0·60	20	2	..	..	..	.	3	..	..	..	..	..	..	..	..	..

* Data not reliable.

TABLE II—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER—APRIL 1953.

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.*																												
Mahanadi Catchment																												
Baramul	106·0	..	110	14,29	75·5	..	68	2	0·29	0·29	..	0·20	4	1	..	2·9	2·2	..	2	0	0	..	..	..	..	..	..	..
Hirakud	105·5	..	111	15,29,30	78·4	..	72	3,4	0·01	0·02	..	0·01	11,21	0	..	2·9	1·6	..	2	..	..	..	..	..	..	..	..	..
Barkachhar	102·2	..	109	30	74·4	..	67	4,24,25	0·20	1·45	..	0·66	22	3	..	7·6	4·8	..	4	..	..	6	..	..	..	..	..	..
Sonepur	104·9	..	110	29,30	79·3	..	74	4,24	..	0·11	..	0·11	18	1	..	..	3·5	..	1	..	..	..	..	..	..	..	..	..
Ginabahar	101·7	..	107	28,29	71·5	..	64	1	..	0·18	..	0·14	21	1	..	..	..	..	2	..	..	..	..	..	..	..	..	..
Jonk	103·6	..	111	30	78·2	..	72	4 days	0·18	0·23	..	0·10	16	1	..	9·0	6·6	..	3	..	..	7	..	..	..	2	1	..
Ganga Catchment.																												
Tapoban	74·9	..	83	29,30,31	50·1	..	32	12	..	0·99	..	0·40	18	3	..	..	..	..	7	..	..	..	..	..	..	..	..	..
Badrinath	Close dduring wister months																											
Narbada Catchment.																												
Punasa	106·9	..	113	30	75·0	..	69	3,20,25	0	0·15	..	0·15	18	1	..	6·0	4·1	..	1	..	..	2	..	..	..	..	..	..
Bagra Tawa	105·0	..	111	29,30	75·4	..	67	3	0	0·21		0·12	17	1	..	5·4	3·6	..	2	..	..	3	..	1	..	..	..	..
Thikri	106·7	..	113	27,28,29	77·2	..	70	8	..	0	..	0	..	0	..	..	..	..	0	..	..	2	..	2	..	..	..	..
Tapti Catchment.																												
Nandurbar	105·1	..	110	9,27,28,	77·9	..	73	20	0	0	..	0	..	0	..	..	..	..	0	..	..	..	..	..	..	..	..	..
Sabarmati Catchment																												
Jhadol	98·8	..	105	10,30	65·8	..	57	1	0	0	..	0	..	0	..	..	..	..	0	..	..	..	..	..	..	..	..	..
Dharoi	..	..	..	..	..	..	..	..	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).		Mean wind speed, miles per hour.	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
Islands.																										
ıle Island . . . . (R)	0830	108																								
(R)	1730	,,																								
aya Bandar	0830	76	1011·6	1009·0	..	86·2	80·8	78·8	33·3	79	..	5·0	..	4·9	0	2	22	2	7	4	0	0	2	3	6	6
	1730	,,	1008·5	1005·9	..	84·1	80·1	78·5	33·3	83	..	5·6	..	6·0	0	1	22	0	8	5	0	0	2	3	5	7
ng Island	0830	80	1010·5	1007·7	..	86·1	79·3	76·3	30·8	73	..	5·0	..	2·7	0	0	29	0	0	0	5	6	8	7	3	1
	1730	,,	1007·9	1005·1	..	83·9	77·8	74·8	29·9	74	..	5·1	..	0·9	0	0	12	0	1	0	2	3	2	2	2	18
rt Blair	0530	259	1009·6	1000·6	..	77·6	76·2	75·5	30·1	94	..	5·4	..	2·8	0	0	17	2	0	1	1	0	1	11	1	13
	0830	,,	1011·2	1002·5	+0·5	87·1	79·1	75·5	30·3	69	−4	5·2	+1·5	4·2	0	1	25	3	5	11	1	0	1	3	2	4
	1130	,,	1010·1	1001·4	..	88·7	79·3	75·3	29·8	65	..	5·2	..	6·9	0	1	29	1	8	14	5	0	0	2	0	0
	1730	,,	1008·2	999·4	..	83·3	77·5	74·7	29·3	76	..	6·0	..	3·9	0	1	27	0	2	7	4	2	3	5	5	2
	2330	,,	1009·7	1000·8	..	79·3	76·7	75·6	30·3	89	..	4·6	..	3·4	0	1	20	0	1	4	1	2	0	11	2	9
ındul	0830	30	1011·4	1010·4	..	83·0	78·9	77·1	32·0	82	..	6·0	..	3·1	0	0	25	0	13	7	4	0	1	0	0	5
	1730	,,	1008·9	1007·9	..	82·0	77·8	76·5	30·9	87	..	6·3	..	2·6	0	0	21	0	9	3	5	0	2	1	1	9
r Nicobar	0830	33	1010·5	1009·8	..	86·1	80·4	77·9	33·2	77	..	5·5	..	2·9	0	0	29	0	3	8	6	3	3	4	2	1
	1730	,,	1008·4	1007·7	..	84·1	79·3	77·3	31·7	82	..	5·5	..	1·2	0	0	18	1	9	2	1	1	4	0	0	12
ıncowry	0830	70	1010·8	1008·4	..	84·1	78·6	76·3	30·9	78	..	5·6	..	2·9	0	0	25	0	1	2	4	3	10	3	2	5
	1730	,,	1007·9	1005·5	..	83·1	78·0	76·5	31·0	82	..	5·2	..	1·7	0	0	9	0	0	0	0	1	4	3	1	21
am. brugarh	0830	348	1010·7	998·6	−0·4	75·5	69·8	66·5	22·6	75	−4	4·6	−0·5	1·7	0	0	25	8	7	7	0	1	0	0	2	5
	1730	..	1006·5	994·5	..	75·9	70·8	68·3	23·6	78	..	4·8	..	1·3	0	0	17	2	10	4	0	0	1	0	0	13
rugarh (Mohanbari Aerodrome)	0230	364	(p) 1008·1	(p) 995·3	..	68·1	66·5	65·6	21·6	92	..	5·7	..	2·2	0	0	15	2	12	1	0	0	0	0	0	15
	0530	,,	(p) 1009·4	(p) 996·6	..	67·7	66·1	65·2	21·3	92	..	5·8	..	1·0	0	0	11	0	8	0	2	0	1	0	0	19
	0830	,,	1010·4	997·9	..	74·7	68·7	65·1	21·3	73	..	4·9	..	2·5	0	0	24	0	17	7	0	0	0	0	0	6
	1130	,,	(p) 1009·5	(p) 997·0	..	79·2	70·7	66·1	21·8	66	..	4·9	..	3·3	0	0	27	3	15	7	0	1	1	0	0	3
	1730	,,	1005·4	992·9	..	75·9	70·3	67·2	22·9	75	..	5·8	..	1·5	0	0	15	3	9	2	0	0	1	0	0	15
	2330	,,	(o) 1008·8	(o) 996·0	..	69·8	67·6	66·4	22·3	89	..	5·0	..	1·7	0	0	11	0	10	0	0	0	1	0	0	19
sagar . . . . (R)	0830	317																								
(R)	1730	,,																								
zpur	0830	258	1010·8	1001·7	−0·1	75·0	69·8	66·7	22·8	77	+3	3·1	−1·0	2·4	0	0	29	4	8	15	0	0	1	0	1	1
	1730	,,	1005·3	996·6	..	82·1	73·1	68·2	23·8	64	..	2·2	..	1·5	0	0	16	5	6	2	1	1	0	1	0	14
zpur (P.B.O.) . . .	0230	257	1007·5	998·4	..	71·0	68·2	66·6	22·0	87	..	3·4	..	3·7	0	1	24	2	12	5	1	1	3	1	0	5
	0530	,,	1009·1	1000·0	..	69·8	67·2	65·6	21·7	87	..	3·6	..	3·4	0	1	21	4	8	6	1	1	2	0	0	8
	0830	,,	1010·7	1001·7	..	75·9	69·5	65·8	22·4	72	..	3·5	..	3·7	0	0	27	3	13	6	1	1	3	0	0	3
	1130	,,	1009·2	1000·3	..	82·0	72·2	66·7	22·2	61	..	2·9	..	4·5	0	0	29	2	9	6	5	1	5	0	1	1
	1730	,,	1005·9	997·0	..	80·7	70·0	67·4	23·1	65	..	2·8	..	2·7	0	0	18	0	8	4	1	0	4	1	0	12
	2330	,,	1008·2	999·1	..	72·7	69·2	67·3	22·8	84	..	3·2	..	2·9	0	0	21	2	7	5	1	1	3	2	0	9
uhati	0830	182	1010·1	1003·8	+0·2	77·4	71·5	68·0	23·6	73	0	2·6	−1·2	2·0	0	0	27	4	11	4	2	1	4	1	0	3
	1730	,,	1004·6	998·3	..	82·9	73·4	68·4	23·8	63	..	2·6	..	1·7	0	0	22	2	8	3	4	2	1	1	1	8
uhati (Kakuchi Aerodrome)	0230	162	1006·5	1000·8	..	70·1	68·2	67·1	22·6	91	..	2·6	..	3·0	0	1	14	1	6	2	0	2	2	1	1	15
	0530	,,	1007·9	1002·2	..	68·9	67·3	66·3	22·2	92	..	3·6	..	3·3	0	0	20	2	12	2	0	1	3	0	0	10
	0830	,,	1009·8	1004·2	..	78·0	71·3	67·8	23·4	71	..	2·5	..	4·8	0	0	29	3	16	4	0	1	3	1	1	1
	1130	,,	1008·3	1002·8	..	83·5	73·7	68·5	23·7	63	..	2·4	..	6·3	0	1	29	8	14	2	1	0	1	1	3	0
	1730	,,	1004·9	999·3	..	82·5	73·2	68·2	23·5	63	..	2·2	..	3·9	0	0	24	4	11	2	0	0	2	1	4	6
	2330	,,	1007·4	1001·7	..	72·3	69·7	68·3	23·7	87	..	2·6	..	4·0	0	1	22	3	8	2	1	2	6	0	1	7
ubri . . . . (R)	0830	115																								
(R)	1730	,,																								
char	0830	96	1011·2	1007·8	+0·2	78·5	72·9	69·9	25·3	75	0	3·0	−1·2	1·1	0	0	17	1	4	6	5	1	0	0	0	13
	1730	,,	1006·1	1002·8	..	84·6	75·2	70·1	25·4	64	..	3·5	..	0·5	0	0	6	1	0	1	2	0	0	0	2	24
ra	0830	1215	1009·5	968·3	..	78·3	69·1	64·4	20·4	64	..	3·9	..	3·5	0	1	22	2	1	5	3	3	4	3	2	7
	1730	,,	1004·8	964·1	..	85·1	74·0	68·0	23·8	58	..	2·6	..	4·8	0	1	27	0	1	1	18	1	4	0	3	2
mding	0830	488	1010·3	993·5	..	77·1	..	..	..	..	..	2·5	..	4·2	0	1	21	2	3	3	5	3	3	0	3	8
	1730	,,	1006·0	989·7	..	85·5	..	..	..	..	..	3·8	..	3·7	0	1	21	1	0	2	6	1	8	2	2	8
artala . . . (R)	0230	52																								
	0530	,,	1007·7	1005·9	..	74·5	73·1	72·4	27·1	93	..	3·5	..	6·1	0	2	20	1	1	3	9	8	0	0	0	8
	0830	,,	1009·2	1007·4	..	83·1	76·8	73·7	28·3	73	..	4·0	..	10·4	0	9	20	0	0	1	6	18	2	1	1	1
	1130	,,	1008·1	1006·3	..	91·3	77·0	69·9	24·9	51	..	3·5	..	9·4	0	6	20	1	0	1	2	12	7	3	0	4
	1730	,,	1004·7	1002·9	..	87·1	77·8	73·7	28·0	65	..	4·5	..	11·4	1	12	13	1	0	1	3	16	3	2	0	4
(R)	2330	,,																								

(R) Register not received. (o) Mean of 16 days. (p) Mean of 15 days.

TABLE III—SUMMARY OF OBSERVATIONS AT FIXED HOURS—APRIL 1953.

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 level of nearest s. 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, miles per hour.	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
Assam—*contd.*																										
Imphal	0830	2,628	902·3	923·5	..	76·5	66·6	61·6	18·1	61	..	3·9	..	4·6	0	1	21	2	1	0	6	2	4	7	0	8
	1130	"	901·2	922·3	..	82·3	68·5	61·7	17·3	52	..	3·5	..	9·8	0	6	23	0	1	2	0	2	17	6	1	1
	1730	"	898·2	919·2	..	80·0	66·3	58·6	16·7	50	..	3·6	..	8·2	0	3	25	1	0	0	0	0	5	22	0	2
West Bengal.																										
Dum Dum	0230	33	1005·9	1004·7	..	79·9	75·9	73·8	28·7	82	..	1·5	..	7·5	0	2	25	0	0	0	5	10	11	1	0	3
	0530	"	1006·6	1005·5	..	78·1	75·5	74·1	29·1	87	..	3·0	..	6·5	0	1	25	0	1	0	4	13	6	2	0	4
	0830	"	1008·6	1007·5	..	86·6	77·7	73·4	28·3	66	..	3·4	..	11·3	0	10	18	1	1	0	1	10	14	1	0	2
	1130	"	1007·8	1006·7	..	95·2	76·8	67·1	22·9	42	..	2·6	..	10·9	0	7	23	2	0	2	0	10	10	2	4	0
	1730	"	1004·1	1003·0	..	91·5	76·2	68·0	23·6	49	..	3·6	..	13·7	1	14	13	1	0	0	3	18	4	2	0	2
	2330	"	1006·7	1005·6	..	81·4	76·3	73·7	28·8	78	..	2·8	..	8·2	0	3	24	0	2	0	2	13	9	0	1	3
Calcutta	0830	21	1008·8	1008·1	+0·3	86·5	78·0	74·2	28·8	67	−6	3·0	0	6·1	0	1	28	0	1	0	1	11	14	1	1	1
	1730	"	1004·2	1003·5	..	92·3	77·2	69·5	25·2	49	..	3·4	..	5·5	0	0	27	0	0	0	3	16	6	1	1	3
Barrackpore	0530	23	1006·8	1006·0	..	78·2	75·4	74·6	28·5	88	..	2·8	..	4·1	0	1	25	0	0	2	2	17	4	1	0	4
	0830	"	1008·6	1007·9	..	86·8	78·6	75·4	30·0	70	..	2·8	..	7·6	0	4	26	0	1	2	3	10	12	1	1	0
	1130	"	1007·6	1006·9	..	96·3	78·7	70·3	25·6	46	..	2·2	..	8·9	0	5	24	0	1	1	2	8	15	1	1	1
	1730	"	1003·9	1003·2	..	92·2	77·9	70·2	25·8	52	..	3·3	..	8·0	0	7	23	0	1	1	3	17	4	4	0	0
	2330	"	1006·6	1005·9	..	82·0	76·5	74·1	28·7	78	..	2·4	..	4·9	0	0	27	0	1	0	0	24	2	0	0	3
Saugor Island	0830	10	1008·8	1008·5	+0·1	85·2	79·7	77·3	32·1	78	+4	4·5	+0·1	20·8	0	25	5	0	1	0	0	10	17	2	0	0
	1730	"	1004·9	1004·6	..	85·1	79·2	76·3	31·2	77	..	4·4	..	21·5	0	28	2	0	1	0	4	16	9	0	0	0
Sandheads	0530	32	1007·4	1006·3	..	81·8	79·1	77·7	33·1	88	..	4·5	..	13·4	0	15	15	0	0	0	0	6	24	0	0	0
	0830	"	1009·3	1008·2	−0·3	82·7	79·5	78·1	33·3	86	+8	2·4	−0·7	12·1	0	13	17	0	0	0	0	3	27	0	0	0
	1130	"	1008·7	1007·7	..	83·4	80·0	78·4	33·3	85	..	2·3	..	15·3	0	13	17	0	0	0	0	3	25	1	1	0
	1730	"	1005·7	1004·5	..	83·2	80·1	78·6	33·8	86	..	2·7	..	13·2	0	15	15	0	0	0	0	11	17	1	1	0
	2330	"	1007·2	1006·1	..	82·0	79·3	78·3	33·3	88	..	2·1	..	14·6	0	17	13	0	0	0	0	7	23	0	0	0
Midnapore	0830	149	1008·5	1003·5	+0·1	87·9	74·3	67·5	22·9	53	−11	1·9	−0·2	3·3	0	0	23	3	1	0	0	10	7	2	0	7
	1730	"	1003·6	998·7	..	95·1	77·5	65·1	24·4	41	.	3·3	..	3·5	0	0	25	0	0	0	0	20	5	0	0	5
Contai	0830	35	1008·5	1007·3	..	85·6	79·9	75·4	31·8	71	.	3·9	..	9·1	0	7	22	1	0	1	0	2	23	2	0	1
	1730	"	1004·3	1003·1	..	86·2	80·2	75·6	32·5	74	.	4·7	..	13·3	0	14	16	0	0	0	4	15	11	0	0	0
Burdwan	0830	106	1008·2	1004·6	+0·1	86·3	73·9	66·4	22·8	54	−14	0·9	−2·0	2·5	0	0	24	0	1	0	4	5	12	0	2	6
	1730	"	1003·1	999·6	..	99·6	72·5	53·8	15·1	24	..	1·8	..	1·5	0	0	16	0	2	1	0	2	4	4	3	14
Krishnagar	0830	40	1008·5	1006·9	+0·3	86·5	77·0	72·7	27·4	64	−1	2·8	0	4·0	0	0	29	0	1	0	0	22	1	5	0	1
	1730	"	1003·9	1002·3	..	97·2	76·9	65·2	22·0	39	..	3·0	..	2·5	0	0	24	1	0	2	0	8	2	10	1	6
Asansol	0230	414	1005·4	991·3	..	80·1	66·7	56·5	16·2	47	..	0·5	..	2·9	0	0	19	0	0	1	5	3	3	5	2	11
	0530	"	1006·3	992·0	..	76·7	65·9	57·1	16·7	55	..	2·2	..	1·9	0	0	19	0	0	2	6	1	0	3	7	11
	0830	"	1008·1	994·0	+0·3	87·8	68·5	53·9	14·8	35	−15	2·3	+0·1	4·3	0	0	28	0	1	2	3	1	1	15	5	2
	1130	"	1007·1	993·3	..	98·2	69·7	46·2	11·9	22	..	1·9	..	5·1	0	1	25	1	1	2	0	1	1	12	8	4
	1730	"	1002·8	989·2	..	97·8	69·3	46·3	11·5	21	..	3·0	..	5·1	0	1	25	0	2	2	2	0	3	7	10	4
	2330	"	1005·9	991·9	..	84·3	66·6	52·8	14·5	37	..	1·0	..	3·7	0	0	21	0	0	5	3	2	3	3	5	9
Berhampore	0830	62	1008·3	1006·2	0	85·3	73·3	66·7	22·6	57	−7	3·0	−0·2	2·7	0	0	23	0	1	3	1	10	5	3	0	7
	1730	"	1002·9	1000·8	..	97·2	72·9	55·8	16·3	29	..	3·0	..	1·6	0	0	13	0	0	3	0	1	3	4	2	17
Malda	0830	103	1008·5	1004·9	+0·4	84·7	72·1	64·1	21·3	55	+5	2·7	+0·8	6·3	0	1	29	1	2	7	2	5	7	5	1	0
	1730	"	1003·5	1000·0	..	93·9	74·5	63·0	20·2	40	..	1·9	..	4·7	0	0	28	1	3	5	2	2	2	6	7	2
Cooch Behar	0830	145	1008·2	1003·2	..	78·5	70·3	65·9	21·9	67	..	3·6 [c]	..	2·6	0	0	27	2	1	13	3	5	3	0	0	1
	1730	"	1004·1	999·1	..	85·1	73·6	66·8	23·1	58	..	1·9 [c]	..	2·1 [d]	0	0	25	1	5	14	2	2	1	0	0	2
Jalpaiguri	0830	271	1009·6	1000·1	+0·3	75·3	68·5	64·2	22·5	69	−1	2·8	+0·2	6·6	0	3	26	4	8	14	2	0	0	1	0	1
	1730	"	1004·5	995·3	..	86·4	72·2	63·4	20·9	49	..	2·1	..	5·5	0	1	29	1	13	10	1	0	1	4	0	0
Jalpaiguri (P.B.O.)	0530	271	1007·7	998·1	..	69·8	65·8	63·0	17·9	79	..	3·5	..	2·1	0	0	19	6	5	6	0	1	0	1	0	11
	1130	"	1008·4	999·2	..	84·4	71·7	64·3	21·1	53	..	2·9	..	5·8	0	1	27	0	2	17	7	1	0	1	0	2
	2330	"	1007·0	997·5	..	74·3	68·5	64·7	20·9	74	..	2·2	..	2·1	0	0	12	3	1	4	0	0	1	2	1	18
Bagdogra	0530	416	1007·2	992·5	..	69·5	65·3	62·5	19·5	80	..	3·1	..	2·3	0	1	10	2	2	5	1	0	0	0	1	19
	0830	"	1009·0	994·6	..	80·5	69·3	62·4	19·7	56	..	2·4	..	8·3	0	6	22	1	7	16	3	0	0	0	1	2
	1130	"	1008·0	993·8	..	86·9	71·4	62·0	19·2	45	..	2·6	..	9·4	0	7	21	0	8	17	9	0	1	0	1	2
	1730	"	1003·8	989·7	..	86·5	71·4	62·0	19·6	46	..	2·8	..	6·4	0	1	25	0	8	11	4	0	2	1	0	4
Orissa.																										
Balasore	0830	65	1008·6	1006·4	+0·2	86·8	77·6	73·2	28·5	66	−3	3·2	+0·6	9·0	0	10	17	2	0	0	0	9	15	1	0	3
	1730	"	1004·0	1001·8	..	90·1	78·8	73·7	28·2	60	..	5·1	..	11·9	0	7	23	0	0	0	10	18	2	0	0	0
Chandbali	0830	20	1009·0	1008·3	−0·1	86·8	78·6	75·5	30·0	69	−3	2·1 [b]	−1·1	3·3 [b]	0	0	27	0	0	0	5	5	15	2	0	2
	1730	"	1005·7	1005·0	..	89·0	77·8	72·7	27·7	58	..	2·4 [d]	..	5·1 [d]	0	0	27	0	1	1	19	1	4	1	0	0

(b) Mean of 29 days. (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.			Mean temperature in °F.			Vapour pressure in mbs.	Relative humidity %.	Departure from normal.	Cloud amount (Oktas).		Mean wind speed, miles per hour.	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
—contd.																										
	0830	20	1009·7	1009·0	+0·6	83·7	79·9	78·5	32·8	84	+4	3·3	+0·1	15·3	0	20	10	0	0	0	0	4	25	1	0	0
	1730	"	1005·5	1004·8	..	83·3	79·7	78·1	33·2	84	..	4·3	..	16·6	0	23	7	0	0	0	0	18	11	1	0	0
baneswar	0530	150	1007·6	1002·4	..	79·7	77·2	76·1	30·8	89	..	2·3	..	10·5	0	8	22	0	0	0	1	2	27	0	0	0
	0830	"	1009·3	1004·1	..	87·0	78·2	74·9	28·7	68	..	3·2	..	14·4	0	14	16	0	0	0	0	3	24	3	0	0
	1130	"	1008·1	1003·1	..	96·8	77·4	67·4	23·1	40	..	2·8	..	13·7	0	13	17	0	1	0	0	6	20	2	1	0
	1730	"	1005·3	1000·2	..	89·8	77·4	71·7	26·3	56	..	4·3	..	18·8	0	23	7	0	0	0	0	10	19	1	0	0
	2330	"	1007·4	1002·2	..	81·6	77·5	75·7	30·5	83	..	3·0	..	12·5	0	16	13	0	0	1	2	4	21	1	0	1
ack	0830	87	1008·9	1005·9	−0·2	85·7	78·3	74·2	29·6	68	−2	2·7	−0·4	1·5	0	0	9	0	0	0	0	2	7	0	0	21
	1730	"	1004·5	1001·5	..	93·6	76·7	68·1	23·5	44	..	3·6	..	6·1	0	0	26	0	0	0	0	9	17	0	0	4
ack (P. B. O.)	0230	87	1006·5	1003·6	..	81·8	78·0	76·4	30·7	84	..	3·8	..	4·9	0	2	25	0	1	0	3	16	7	0	0	3
	0530	"	1007·5	1004·6	..	80·7	77·6	76·3	31·1	87	..	4·0	..	2·4	0	0	20	0	0	0	2	12	6	0	0	10
	0830	"	1009·4	1006·5	..	88 0	79·9	76·9	31·8	71	..	3·2	..	3·4	0	0	29	0	0	0	2	14	13	0	0	1
	1130	"	1008·0	1005·2	..	97·2	80·5	74·2	28·2	49	..	2·9	..	4·1	0	0	30	1	2	0	3	9	12	2	1	0
	1730	"	1004·8	1002·0	..	91·6	78·4	73·1	27·5	55	..	4·2	..	5·1	0	0	29	0	1	0	4	17	6	1	0	1
	2330	"	1007·3	1004·4	..	83·2	78·1	76·3	30·7	80	..	2·1	..	4·1	0	0	26	0	1	0	2	17	6	0	0	4
ilpur	0530	56	1007·6	1005·7	..	78·7	77·3	76·7	31·2	94	..	3·2	..	8·0	0	6	20	0	0	0	0	8	16	2	0	4
	0830	"	1009·7	1007·8	+0·8	83·1	79·0	77·2	32·1	83	+5	2·6	+1·0	8·8	0	9	18	0	0	0	0	7	20	0	0	3
	1130	"	1009·1	1007·2	..	87·8	81·5	78·7	33·9	75	..	2·2	..	11·0	0	17	13	0	0	0	0	12	18	0	0	0
	1730	"	1006·0	1004·1	..	82·7	79·7	78·3	33·3	87	..	5·0	..	12 9	0	14	16	0	0	0	0	10	19	1	0	0
	2330	"	1007·9	1006·0	..	80·3	78·5	77·7	32·2	92	..	1·5	..	12·5	0	17	13	0	0	0	0	10	19	1	0	0
put	0830	2,996	901·6	910·8	..	77·9	69·4	65·1	21·1	65	..	2·0	..	3·4	0	0	30	1	0	1	0	18	8	2	0	0
	1730	"	898·0	907·1	..	85·7	71·1	64·4	20·2	53	..	4·2	..	5·6	0	0	30	3	0	2	7	7	4	3	4	0
l	0830	455	1009·5	994·0	+0·9	85·6	74·2	67·9	23·5	57	−4	2·9	+0·1	2·5	0	0	25	4	5	2	3	4	1	4	2	5
	1730	"	1003·3	983·3	..	99·9	71·4	50·3	13·3	22	..	5·5	..	7·9	0	7	23	2	2	1	6	6	3	5	5	0
alpur	0830	486	1008·3	991·8	−0·1	88·4	74·2	66·4	22·7	49	+1	2·7	+0·8	2·7	0	0	26	1	4	1	0	11	5	2	2	4
	1730	"	1003·1	987·1	..	101·4	77·2	64·5	21·2	32	..	3·3	..	3·1	0	0	26	4	1	1	1	3	4	2	10	4
uguda	0230	726	1005·5	980·7	..	81·6	64·7	53·3	13·1	40	..	2·6	..	2·2	0	0	16	2	4	0	3	2	2	2	1	14
	0530	"	1006·7	981·6	..	77·9	64·7	56·0	15·1	49	..	3·5	..	1·1	0	0	8	1	1	0	3	1	0	0	2	22
	0830	"	1008·2	983·7	..	89·5	69·9	59·4	16·3	37	..	3·0	..	1·3	0	0	12	1	1	0	3	2	2	0	3	18
	1130	"	1006·9	982·8	..	98·7	70·3	53·0	26·8	23	..	3·7	..	4·0	0	0	26	0	0	0	2	4	8	5	7	4
	1730	"	1002·7	978·6	..	97·7	68·1	48·3	10·3	21	..	3·6	..	2·0	0	0	16	1	0	0	0	1	2	3	9	14
	2330	"	1005·6	980·9	..	85·1	65·5	52·5	12·8	35	..	2·2	..	1·7	0	1	7	1	0	2	1	2	2	0	0	22
garh	0830	691	1008·8	985·4	..	87·4	70·6	60·0	17·7	42	..	2·5	..	2·4	0	0	24	0	0	0	8	10	3	1	2	6
	1730	"	1002·9	980·4	..	99·4	71·0	50·6	12·9	24	..	4·0	..	1·7	0	0	21	4	3	1	4	3	1	1	4	9
Nagpur.																										
ia	0830	835	1008·4	980·5	..	88·0	66·6	48·4	12·5	30	..	2·2	..	4·3	0	0	28	0	0	0	3	5	6	7	7	2
	1730	"	1002·8	975·5	..	96·3	68·3	44·5	10·9	21	..	3·9	..	4·3	0	0	25	5	3	1	0	1	3	0	12	5
iedpur	0830	423	1008·4	994·1	+0·2	87·4	69·6	57·6	16·4	38	−8	2·5	+0·7	4·1	0	1	26	0	0	1	0	0	4	15	7	3
	1730	"	1002·8	988·8	..	98·8	69·9	46·4	11·7	21	..	3·6	..	6·0	0	3	24	3	0	5	1	1	3	6	8	3
iedpur (P.B.O.)	0530	477	1007·1	991·0	..	78·8	66·5	59·3	16·4	54	..	3·0	..	0·8	0	0	7	0	1	2	0	0	0	3	1	23
	0830	"	1008·6	992·5	..	88·3	70·6	61·3	17·8	42	..	2·3	..	4·0	0	1	21	0	0	0	1	0	3	13	5	8
	1130	"	1007·1	991·3	..	98·6	71·3	56·3	13·5	26	..	2·1	..	6·4	0	1	29	2	0	1	1	2	6	6	12	0
	1730	"	1003·0	987·2	..	97·7	71·2	55·7	15·0	27	..	3·6	..	5·1	0	3	22	2	0	3	2	0	2	8	8	5
	2330	"	1006·2	990·1	..	85·4	67·9	57·7	15·4	42	..	0·6	..	3·5	0	1	19	0	2	7	3	0	0	4	4	10
asa	0830	742	1008·3	983·3	+0·5	86·7	71·0	61·0	18·6	45	−8	2·9	+1·1	1·7	0	0	16	0	2	0	2	0	9	3	0	14
	1730	"	1002·5	978·4	..	99·1	69·8	46·8	11·4	19	..	4·8	..	1·9	0	0	18	1	2	0	4	0	4	4	3	12
li	0830	2,150	899·6	936·9	+0·8	84·5	64·7	50·2	12·6	33	−3	2·1	+0·3	1·9	0	0	16	4	0	0	0	6	4	1	1	14
	1730	"	896·1	932·7	..	91·9	65·4	43·8	10·6	22	..	2·3	..	0 3	0	0	3	0	0	2	0	0	0	0	1	27
ibagh	0830	2,006	899·2	941·3	+0·2	86·0	63·1	43·8	10·3	26	−2	2·3	+0·5	5·7	0	0	28	3	1	0	2	2	7	5	8	2
	1730	"	896·1	937·5	..	92·0	64 4	40·4	9·6	20	..	3·5	..	7·7	0	4	25	3	2	2	0	1	1	4	16	1
ibagh (C.W.)	0530	2,008	896·2	939·3	..	71·7	58·9	47·9	11·6	45	..	1·8	..	1·5	0	0	10	0	0	0	0	3	1	5	1	20
	0830	"	899·4	941·3	..	87·4	64·9	47·4	11 9	28	..	1·7	..	4·3	0	0	27	1	0	0	1	5	3	13	4	3
	1130	"	899·3	940·6	..	95·1	67·1	46·5	11·3	22	..	1·9	..	6·5	0	2	28	0	0	0	1	4	6	14	5	0
	1730	"	896·0	937·5	..	90·1	65·9	47·5	12·2	26	..	2·3	..	3·9	0	0	27	0	0	0	2	1	2	14	8	3
	2330	"	896·9	939·5	..	77·1	61·7	49·3	12·5	40	..	0·9	..	1·3	0	0	8	0	1	0	2	1	0	1	3	22
ganj	0830	725	1008·1	983·9	+0·6	88·3	67·5	51·4	13·3	30	−9	1·9	+0·6	3·2	0	0	23	2	2	4	2	0	1	5	7	7
	1730	"	1003·1	979·2	..	97·5	69·1	47·0	12·0	21	..	2·7	..	5·1	0	1	28	2	1	1	0	0	1	5	19	1
l	0830	124	1008·7	1004·5	+0·6	81·5	68·9	60·3	19·2	52	−8	2·1	−0·1	4·9	0	0	30	0	6	12	2	0	2	7	1	0
	1730	"	1003·5	999·3	..	91·2	71·4	57·8	17·1	56	..	1·7	..	1·5	0	0	16	0	2	5	0	0	1	8	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: 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, miles per hour.	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	C
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	
Bihar—*contd.*																										
Forbesganj	0830	199	..	999·5	..	..	..	..	..	..	..	1·9	..	8·2	0	2	28	0	0	22	0	1	0	7	0	
	1730	"	..	994·4	..	..	..	..	..	..	..	1·8	..	8·1	0	6	24	0	0	17	0	0	0	13	0	
Darbhanga	0830	161	1008·5	1002·8	+0·5	82·1	70·1	62·3	19·7	53	−3	1·4	0	5·8	0	2	26	0	2	11	5	0	2	7	1	
	1730	"	1003·5	998·0	..	94·6	72·9	59·1	18·0	34	..	1·4	..	2·5	0	1	20	0	2	4	0	0	2	8	5	
Motihari (R)	0830	218																								
(R)	1730	"																								
Patna	0830	173	1007·9	1001·9	+0·3	84·3	67·7	54·3	15·7	41	−3	1·2	−0·1	5·1	0	0	30	0	10	5	0	0	5	7	3	
	1730	"	1003·2	997·4	..	96·5	68·7	45·6	11·1	20	..	1·4	..	6·3	0	0	30	1	6	0	0	0	1	11	11	
Patna (Aerodrome)	0530	196	1005·6	998·7	..	74·1	63·8	55·4	15·4	56	..	1·8	..	3·8	0	0	22	0	1	9	0	2	3	5	2	
	0830	"	1007·4	1000·7	..	84·9	67·9	54·3	15·6	40	..	1·7	..	7·3	0	1	29	0	1	12	2	0	1	12	2	
	1130	"	1006·6	1000·1	..	95·4	69·5	48·2	12·8	24	..	1·3	..	8·9	0	7	23	0	3	8	1	0	0	12	6	
	1730	"	1002·7	996·2	..	97·2	67·8	40·2	9·9	18	..	1·6	..	10·2	0	6	24	1	1	5	0	0	0	7	16	
Dehri	0830	352	1007·4	995·3	..	85·2	65·9	52·4	12·8	33	..	1·5	..	2·9	0	0	29	0	1	0	6	1	14	0	7	
	1730	"	1002·7	991·0	..	98·8	70·1	47·3	12·4	21	..	1·9	..	2·9	0	0	30	1	3	0	0	0	2	0	24	
Gaya	0230	373	1004·9	992·0	..	77·6	60·6	43·8	10·5	33	..	1·0	..	4·9	0	3	20	0	1	3	1	7	6	4	1	
	0530	"	1005·5	992·5	..	74·6	59·6	44·5	10·7	37	..	2·0	..	4·3	0	2	23	0	1	2	4	10	5	2	1	
	0830	"	1007·4	994·8	+0·1	89·9	65·2	41·3	10·3	23	+1	1·7	+0·4	7·5	0	2	25	0	2	3	0	0	14	7	1	
	1130	"	1006·3	993·9	..	99·5	67·2	34·4	7·9	13	..	1·6	..	9·9	0	9	16	0	3	1	1	0	6	12	4	
	1730	"	1002·9	990·4	..	98·5	66·6	32·9	7·7	15	..	1·8	..	11·5	0	11	19	1	3	2	0	0	1	12	11	
	2330	"	1005·4	992·9	..	81·8	62·6	44·0	11·0	30	..	1·4	..	5·4	0	3	22	1	1	6	1	6	5	5	0	
Jamui	0830	270	1008·4	999·2	..	88·3	70·5	57·9	17·2	39	..	2·3	..	3·9	0	0	26	0	0	12	3	0	0	2	9	
	1730	"	1003·9	994·8	..	97·7	72·6	57·2	16·1	29	..	1·3	..	4·9	0	0	28	2	1	4	0	0	1	3	17	
Dumka (R)	0830	489																								
(R)	1730	"																								
Sabour	0830	122	1008·2	1004·0	+0·4	84·0	71·4	62·6	20·7	54	+10	2·0	+0·1	7·9	0	2	26	1	3	9	3	0	2	9	1	
	1730	"	1002·9	998·8	..	95·7	74·8	61·5	19·8	36	..	2·0	..	7·4	0	4	24	2	2	4	0	0	0	7	13	
Bhagalpur	0530	189	1007·4	1000·6	..	76·1	67·5	61·1	19·2	64	..	1·1	..	4·7	0	0	25	0	0	14	1	1	2	7	0	
	0830	"	1009·5	1002·8	..	84·7	72·0	64·2	21·3	53	..	2·0	..	5·3	0	0	24	0	1	11	1	1	0	10	0	
	1130	"	1008·7	1002·1	..	94·1	74·9	63·5	21·1	40	..	1·7	..	7·7	0	6	19	0	1	9	1	1	1	12	0	
	1730	"	1004·2	997·6	..	94·8	74·2	62·0	19·7	35	..	1·5	..	5·9	0	2	23	0	1	4	2	0	1	11	6	
	2330	"	1007·3	1000·6	..	81·4	70·4	63·1	20·4	57	..	1·0	..	4·7	0	1	21	0	1	13	0	0	3	4	1	
U. P., East.																										
Gonda	0830	360	1006·9	995·6	..	83·3	64·5	48·1	12·3	31	+1	0·7	−0·7	4·3	0	0	28	0	1	10	0	0	1	14	2	
	1730	"	1003·4	991·1	..	97·1	67·3	42·6	10·1	19	..	1·3	..	3·5	0	0	26	2	1	2	0	0	0	10	11	
Gorakhpur	0830	254	1007·0	998·1	−0·7	84·7	68·7	58·4	16·8	48	+2	0·8	−0·3	2·0	0	0	30	2	2	10	0	0	1	15	0	
	1730	"	1003·7	996·5	..	97·6	72·3	51·9	15·7	26	..	1·5	..	2·0	0	0	30	0	1	5	0	0	0	24	0	
Gorakhpur (P.B.O.)	0230	257	1004·8	995·9	..	77·6	62·8	49·3	12·8	41	..	0·6	..	4·2	0	0	22	0	4	3	0	0	5	8	2	
	0530	"	1005·3	996·4	..	74·5	61·9	50·4	13·3	46	..	1·9	..	3·3	0	0	23	2	6	2	0	1	6	6	0	
	1130	"	1006·6	998·0	..	94·6	68·6	45·5	12·1	23	..	1·7	..	8·5	0	4	26	1	0	5	3	5	7	9	0	
	2330	"	1005·3	996·4	..	80·7	65·3	52·9	14·3	41	..	1·1	..	4·7	0	1	24	2	3	4	0	1	10	5	0	
Azamgarh	0830	255	1006·6	997·9	..	84·4	67·4	55·3	15·3	38	..	0·5	..	2·1	0	0	21	0	0	7	1	1	1	10	1	
	1730	"	1002·6	994·3	..	96·8	71·1	52·3	14·5	25	..	0·8	..	3·8	0	0	28	2	0	1	2	1	4	18	0	
Banaras	0830	250	1007·5	998·9	0	85·5	65·4	48·3	12·3	30	−9	0·9	−0·4	5·5	0	0	29	1	0	5	0	5	10	8	0	
	1730	"	1003·1	994·8	..	100·2	68·5	40·9	9·4	16	..	1·4	..	7·8	0	2	28	0	1	0	1	0	2	13	13	
Banaras (Babatpur Aerodrome)	0530	280	1005·7	995·9	..	73·3	59·4	46·1	10·8	40	..	1·8	..	3·8	0	0	26	0	1	4	0	2	10	8	1	
	0830	"	1007·7	998·2	..	88·0	64·9	44·0	10·7	24	..	1·3	..	6·7	0	1	27	1	0	5	0	1	9	8	4	
	1130	"	1007·2	997·8	..	97·9	67·8	41·1	9·5	16	..	0	..	7·1	0	5	23	2	1	1	0	0	4	8	12	
	1730	"	1003·2	993·9	..	98·8	67·5	38·7	10·3	15	..	1·8	..	9·2	0	5	24	2	2	1	0	1	3	8	12	
	2330	"	1005·6	996·0	..	79·9	62·5	46·9	11·4	34	..	0	..	5·6	0	4	22	0	0	5	0	4	5	11	1	
Allahabad (Bamrauli)	0230	322	1005·2	994·1	..	77·7	62·1	48·1	12·3	37	..	0·7	..	4·0	0	0	26	2	2	3	1	3	9	4	2	
	0530	"	1005·9	994·7	..	74·3	61·1	49·4	12·5	43	..	1·5	..	3·4	0	0	25	0	1	3	1	4	6	6	4	
	0830	"	1007·9	996·9	+0·3	86·8	65·4	46·9	11·8	28	−4	1·5	−0·1	6·2	0	0	29	2	2	2	0	3	9	9	2	
	1130	"	1007·3	996·5	..	99·0	68·5	42·3	10·0	17	..	1·9	..	9·5	0	7	23	1	2	2	0	1	3	13	8	
	1730	"	1003·3	992·6	..	99·6	68·5	40·6	10·2	16	..	2·2	..	12·2	0	11	19	3	1	1	1	1	1	6	16	
	2330	"	1005·8	994·7	..	82·4	64·7	50·0	12·8	35	..	1·0	..	3·9	0	0	24	2	1	3	1	0	4	10	3	
Fatehpur	0830	375	1008·2	1005·5	..	85·5	70·5	61·1	18·7	45	+8	1·7	+0·4	2·1	0	0	22	1	1	2	1	1	3	5	8	
	1730	"	1003·5	991·1	..	99·1	77·1	64·9	21·7	36	..	1·5	..	2·6	0	0	18	0	0	1	1	1	0	4	11	
Banda	0830	398	1008·4	994·8	..	85·7	66·5	52·5	14·1	35	..	0·6	..	0·9	0	0	13	1	0	2	2	1	1	6	0	
	1730	"	1003·4	990·2	..	100·7	72·0	52·0	13·8	23	..	1·3	..	3·4	0	0	27	0	1	2	2	0	3	15	4	

(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 %.	Departure from normal.	Cloud amount (Oktas).		Mean wind speed, miles per hour.	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	2	23	24	25	26	27
ast—*contd.*																										
. . . . .	0830	463	1008·2	992·4	..	85·8	66·5	51·0	13·5	32	..	1·2	..	4·6	0	1	28	2	1	3	1	1	6	6	9	1
	1730	"	1003·9	988·7	..	100·1	73·9	58·0	16·5	27	..	2·6	..	6·7	0	1	29	7	3	1	1	1	0	2	15	0
ar	0830	414	1007·8	993·7	+0·5	85·1	64·4	46·1	11·3	28	−5	1·3	+0·7	5·2	0	2	27	1	1	3	1	1	5	12	5	1
	1730	"	1003·3	989·6	..	98·7	68·0	41·4	9·5	16	..	2·3	..	8·7	0	3	27	4	2	1	0	0	1	12	10	0
iow	0830	371	1007·9	995·1	+0·5	81·7	65·6	52·9	14·6	38	+2	1·0	−0·2	5·8	0	0	29	0	1	2	2	0	0	23	1	1
	1730	"	1003·2	991·2	..	97·9	70·4	49·1	13·0	21	..	1·8	..	5·8	0	0	29	1	0	0	1	0	1	19	7	1
iow (Amausi Aerodrome)	0530	419	1006·0	991·4	..	70·9	59·4	48·7	12·2	46	..	0·4	..	2·6	0	0	18	0	1	2	1	0	4	4	6	12
	0830	"	1007·7	993·4	..	83·8	66·0	51·9	13·8	36	..	1·3	..	7·4	0	3	25	1	2	4	2	0	3	8	8	2
	1130	"	1007·3	993·3	..	95·6	69·4	48·1	12·7	23	..	1·5	..	10·1	0	7	22	0	2	2	2	1	3	7	12	1
	1730	"	1003·0	989·2	..	97·9	68·1	41·9	10·1	17	..	2·2	..	10·2	0	4	26	1	0	0	2	0	2	4	21	0
ji	0830	467	1007·6	991·7	..	81·6	64·4	50·2	12·7	36	..	1·6	..	2·6	0	0	30	3	1	2	3	0	1	15	5	0
	1730	"	1003·1	987·6	..	97·3	68·7	43·9	11·2	19	..	1·6	..	2·7	0	0	29	3	1	2	2	0	2	12	7	1
mpur Kheri . . .	0830	483	1007·1	991·2	..	82·0	64·9	51·5	13·3	36	..	0·9	..	4·2	0	1	27	1	1	1	7	0	1	9	8	2
	1730	"	1002·8	986·8	..	96·3	69·3	49·0	12·2	22	..	2·2	..	3·8	0	0	29	0	2	0	2	0	0	22	3	1
ich	0830	407	1007·6	993·7	+0·5	84·0	65·2	50·0	12·8	32	−13	0·7	−0·3	3·3	0	0	28	1	0	5	6	1	1	7	7	2
	1730	"	1002·7	989·2	..	97·3	68·3	44·8	10·3	18	..	1·6	..	3·0	0	0	28	1	0	2	2	1	7	6	9	2
Vest.																										
i	0830	823	1008·9	981·1	+1·1	88·1	65·2	44·6	10·7	25	−4	1·0	−0·1	3·3	0	0	22	3	0	4	0	0	0	13	2	8
	1730	"	1002·9	975·9	..	100·2	68·5	37·0	8·9	17	..	1·8	..	3·1	0	0	22	0	0	0	0	0	0	10	12	8
. . . . .	0830	553	1008·3	989·5	+0·7	80·2	63·2	48·3	12·0	34	+6	2·1	+0·9	0·3	0	0	4	0	0	1	0	1	1	1	0	26
	1730	"	1003·7	985·5	..	99·8	68·4	41·8	9·5	16	..	1·8	..	1·3	0	0	16	0	0	0	0	0	4	8	4	14
puri	0830	516	1008·4	990·5	+0·7	83·5	65·3	51·3	13·0	35	−1	1·8	+0·4	1·9	0	0	20	0	0	3	2	0	5	7	3	10
	1730	"	1003·5	986·5	..	99·4	69·8	47·6	11·7	18	..	2·0	..	2·2	0	0	25	1	0	1	1	0	2	10	10	5
h	0530	615	1006·4	985·1	..	73·0	60·9	50·9	12·8	47	..	2·3	..	2·5	0	0	16	1	0	1	2	1	5	3	3	14
	0830	"	1007·9	986·9	..	82·9	66·0	53·4	14·2	38	+9	2·1	+1·1	1·9	0	0	16	0	0	0	3	0	5	5	3	14
	1130	"	1007·8	987·4	..	95·6	71·5	53·8	15·4	27	..	2·7	..	7·5	0	4	22	0	0	2	2	0	7	12	3	4
	1730	"	1003·4	982·9	..	98·7	71·8	54·3	14·3	23	..	2·7	..	3·7	0	0	24	0	1	1	1	0	8	9	4	6
	2330	"	1006·2	985·1	..	79·4	65·1	54·0	14·9	44	..	1·2	..	2·4	0	2	8	1	1	1	0	1	2	3	1	20
iy	0830	568	1007·3	987·9	0	82·0	66·4	54·7	15·1	41	−3	1·9	+0·3	3·5	0	0	21	1	1	4	1	1	1	8	4	9
	1730	"	1002·7	983·9	..	97·2	70·5	50·1	13·4	22	..	3·3	..	3·3	0	0	21	2	0	0	1	0	0	18	0	9
y (P. B. O.) . . .	0230	565	1005·6	985·5	..	77·4	65·9	59·2	16·6	54	..	0·8	..	2·1	0	0	17	0	0	3	0	1	0	5	8	13
	0530	"	1005·9	986·0	..	73·8	63·7	57·8	15·6	58	..	1·6	..	2·1	0	0	15	0	0	3	0	0	1	9	2	15
	1130	"	1006·9	987·9	..	94·4	69·8	51·7	13·7	23	..	2·6	..	6·2	0	2	27	1	1	3	2	1	0	2	19	1
	2330	"	1005·4	985·9	..	81·9	68·2	60·2	17·4	49	..	1·1	..	2·9	0	0	15	0	0	2	0	1	0	6	6	15
t	0830	728	1007·8	983·2	+1·1	81·5	63·0	48·0	11·3	32	−9	0·7	−0·8	2·1	0	0	27	1	3	5	1	0	0	11	6	3
bad	0830	885	1007·6	977·3	..	79·9	63·5	47·0	12·7	37	..	1·6	..	3·1	0	0	27	0	2	0	12	0	0	4	9	3
	1730	"	1004·4	974·4	..	95·3	67·2	42·1	10·1	17	..	1·4	..	4·1	0	0	29	0	1	0	2	0	1	5	20	1
ee	0830	899	1007·6	976·8	+0·1	78·0	62·2	49·2	12·0	37	−4	2·1	+0·6	1·4	0	0	18	0	0	0	6	0	0	0	12	12
	1730	"	1002·6	972·9	..	94·8	66·8	42·2	9·8	18	..	2·9	..	2·0	0	0	29	0	0	0	6	0	0	1	22	1
Dun	0530	2,239	895·8	931·0	..	65·8	55·2	45·6	10·3	49	..	1·5	..	0·8	0	0	10	4	3	0	0	1	0	2	0	20
	0830	"	898·3	932·9	+0·7	76·0	60·5	48·1	11·7	39	−5	1·8	−0·5	1·6	0	0	20	1	1	1	0	4	2	9	2	10
	1130	"	899·3	933·2	..	86·7	62·9	43·2	8·9	24	..	2·6	..	2·3	0	0	27	0	1	0	2	8	6	9	1	3
	1730	"	896·2	929·9	..	88·3	62·9	41·3	9·0	21	..	2·6	..	2·8	0	0	25	3	1	0	0	2	3	13	3	5
	2330	"	896·7	931·5	..	72·8	58·4	46·0	10·9	40	..	0·9	..	1·6	0	0	20	8	9	0	0	0	0	3	0	10
D).																										
lelhi	0230	710	1005·8	981·3	..	76·5	60·5	45·1	10·8	35	..	1·4	..	3·7	0	1	16	1	0	0	2	1	1	7	5	13
	0530	"	1006·0	981·5	..	73·7	58·9	44·3	10·4	38	..	1·9	..	4·5	0	1	20	2	0	0	0	1	2	8	8	9
	0830	"	1007·9	983·6	+0·3	81·9	62·5	44·6	10·5	29	−8	1·8	+0·3	7·6	0	2	28	2	2	3	1	0	3	12	7	0
	1130	"	1007·4	983·7	..	93·8	67·0	44·4	10·5	20	..	2·3	..	10·0	0	10	17	2	2	1	1	1	1	9	10	3
	1730	"	1003·3	979·8	..	97·0	67·4	41 2	9·6	16	..	2·9	..	9·9	0	7	21	2	2	2	1	0	0	3	18	2
	2330	"	1006·0	981·7	..	80·8	62·6	45·5	11·2	33	..	1·5	..	3·5	0	1	16	2	1	2	0	0	1	4	7	13
. . . . .	0830	725	1008·7	983·7	+0·7	77·4	62·6	50·4	13·1	40	+1	0·3	−1·1	3·1	0	0	23	1	3	4	1	3	4	4	3	7
	1730	"	1003·6	979·6	..	98·2	69·4	47·6	11·4	20	..	1·8	..	4·3	0	0	28	2	0	1	0	0	6	7	12	2
. . . . .	0830	818	1006·5	979·7	..	77·8	62·5	50·0	12·9	39	..	1·9	..	0·7	0	0	8	1	2	0	1	0	0	1	3	22
	1730	"	1004·4	976·6	..	95·9	66·9 (b)	41·2 (b)	9·5 (b)	17 (b)	..	2·9	..	1·3	0	0	13	0	0	0	0	0	2	4	7	17
. . . . .	0830	892	1007·0	976·4	−0·3	77·5	62·6 (h)	50·3 (h)	12·2 (h)	41 (h)	+5	2·4	+0·6	2·6	0	0	24	7	1	4	5	0	0	0	7	6
	1730	"	1003·3	973·9	..	96·3	66·5	37·9	8·3	18	..	1·7	..	2·9	0	0	24	3	1	0	0	0	1	0	19	6

(b) Mean of 29 days.

(h) Mean of 23 days.

120 540

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, miles per hour.	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
Punjab (E)—*contd.*																										
Ambala (P. B.O.)	0230	906	1005·6	974·5	..	76·0	60·3	48·2	11·0	39	..	1·7	..	5·2	0	2	24	8	0	2	3	0	0	1	12	4
	0530	"	1005·8	974·6	..	73·3	59·2	47·5	10·8	42	..	2·3	..	4·7	0	0	24	2	0	3	3	0	0	3	13	6
	1130	"	1006·9	976·6	..	91·7	65·5	45·0	11·0	23	..	2·6	..	7·5	0	6	22	2	0	6	4	0	2	2	12	2
	2330	"	1005·9	975·0	..	80·4	62·3	48·1	10·9	34	..	1·6	..	5·3	0	2	25	4	0	5	1	0	0	2	15	3
Patiala	0830	822	1007·0	979·0	..	78·1	61·8	48·0	12·0	37	..	2·6	..	3·5	0	0	26	7	1	0	0	0	0	0	18	4
	1730	"	1003·3	976·1	..	95·7	66·3	38·4	10·2	17	..	2·8	..	5·2	0	0	27	15	0	1	0	1	0	0	10	3
Ludhiana	0830	810	1007·7	980·0	+0·4	77·2	64·2	54·3	14·6	47	+1	1·9	+0·1	0·5	0	0	3	0	2	1	0	0	0	0	0	27
	1730	"	1004·3	977·0	..	96·0	68·1	58·7	10·7	35	..	2·3	..	0·2	0	0	3	0	1	0	0	0	0	0	2	28
Ferozepur	0830	657	1007·6	985·2	..	76·5	63·0	53·5	13·9	47	..	2·3	..	1·5	0	0	15	0	5	1		0	0	0	7	13
	1730	"	1003·9	981·4	..	95·1	69·1	50·5	13·3	24	..	2·3	..	1·1	0	0	15	2	2	0	0	0	4	0	7	13
Amritsar	0530	774	1007·2	979·9	..	64·5	56·9	50·1	12·8	62	..	2·2	..	5·6	0	26	1	4	5	6	0	1	0	5	6	3
	0830	"	1008·0	981·4	..	77·5	62·1	49·1	12·0	39	..	2·7	..	8·4	0	5	24	4	6	4	3	1	1	4	6	1
	1130	"	1007·7	981·8	..	90·6	66·0	45·4	11·1	23	..	2·6	..	9·5	0	8	22	2	4	4	5	1	1	3	10	6
	1730	"	1004·4	978·6	..	93·7	66·0	40·9	9·8	19	..	2·5	..	10·2	0	8	22	1	4	2	2	2	1	7	11	4
Pathankot	0830	1,128	1008·1	969·5	..	75·9	61·3	49·2	12·1	42	..	4·3	..	2·3	0	0	21	2	9	5	3	1	0	0	1	9
	1730	"	1005·0	967·5	..	90·9	65·9	44·7	10·5	23	..	6·1	..	3·1	0	0	27	4	4	0	2	2	0	9	6	3
Jammu and Kashmir.																										
Srinagar	0830	5,205	800·9	843·9	+1·5	53·3	48·6	44·4	10·0	73	—12	4·1	0	2·2	0	0	16	0	1	0	10	0	1	0	4	14
	1130	"	801·4	844·1	..	61·5	52·8	41·3	10·6	57	..	4·6	..	2·4	0	0	17	2	3	0	6	0	0	2	4	11
	1730	"	799·2	841·1	..	65·3	53·4	43·4	10·0	48	..	5·0	..	2·8	0	0	19	3	1	0	4	0	1	0	10	12
Gulmarg	0830	8,709	(Closed during winter months)																							
Dras (R)	0830	10,059																								
(R)	1730	"																								
Kargil (R)	0830	8,790																								
(R)	1730	"																								
Leh	*0530	11,529	710·8	668·1	..	31·3	25·6	16·1	2·4	49	..	3·1	..	2·4	0	0	17	2	14	1	0	0	0	0	0	11
	0830	"	711·9	668·7	+1·9	38·0	30·4	17·0	2·8	42	—8	3·3	—0·9	0·3	0	0	5	0	0	0	3	0	2	0	0	21
	1730	"	708·2	666·2	..	48·1	36·7	19·0	2·8	33	..	4·6	..	5·4	0	0	29	7	4	0	0	2	8	3	5	
Skardu (R)	0830	7,505																								
(R)	1730	"																								
Gilgit (R)	0830	4,890																								
(R)	1730	"																								
Misgar (R)	0830	10,190																								
(R)	1730	"																								
Jammu (R)	0830																									
Rajasthan, West.																										
Sri Ganganagar	0830	580	1007 2	987·4	..	80·4	61·6	43·5	10·3	29	—13	0·2	—1·3	2·2	0	0	27	0	4	7	5	2	6	1	2	
	1730	"	1003·7	984·1	..	96·7	66·2	37·5	8·3	15	..	0·8	..	2·1	0	0	28	2	2	0	0	2	4	7	11	
Bikaner	0830	734	1008·1	982·8	—0·4	78·5	57·9	34·3	7·6	22	—6	1·1	—0·3	3·1	0	0	23	0	0	0	5	1	15	1	1	
	1730	"	1003·6	979·4	..	100·5	66·1	33·2	6·2	10	..	2·0	..	4·1	0	0	27	1	0	0	0	1	4	2	19	
Bikaner (P. B. O.)	0530	735	1007·1	981·7	..	73·5	63·5	56·1	15·2	56	..	1·9	..	2·1	0	0	14	0	1	1	0	3	8	1	0	1
	1130	"	1008 0	983·6	..	95·5	76·5	66·6	22·0	49	..	2·2	..	3·7	0	0	23	1	0	1	1	2	4	12	2	
	2330	"	1006·5	981·5	..	83·4	69·0	59·2	17·2	45	..	1·5	..	1·5	0	0	14	2	0	0	0	4	4	4	0	1
Jaisalmer	0830	793	1007·1	981·4	..	76·7	63·5	50·0	13·9	41	..	0·9	..	11·5	0	13	13	0	3	0	0	1	21	0	1	
	1730	"	1003·3	977·4	..	99·6	68·5	42·1	9·8	16	..	1·4	..	13·0	0	14	15	0	3	0	1	0	21	0	4	
Jodhpur	0230	736	1007·1	981·9	..	80·2	60·0	39·2	8·9	25	..	0·8	..	5·1	0	0	28	3	5	0	0	0	2	17	1	
	0530	"	1007·4	982·1	..	76·1	58·8	41·0	9·1	30	..	1·0	..	3·7	0	0	24	0	6	1	0	1	5	9	2	
	0830	"	1009·4	984·1	+2·1	80·5	61·3	42·0	9·8	28	—4	1·6	—0·1	3·6	0	0	18	0	5	0	0	1	7	5	0	
	1130	"	1009·0	984·4	..	94·5	66·9	35·7	10·2	19	..	2·4	..	6·0	0	1	27	1	2	2	1	2	12	6	2	
	1730	"	1004·5	980·3	..	99·7	67·0	37·0	7·9	12	..	2 5	..	6·9	0	0	25	0	0	0	0	1	11	10	3	
	2330	"	1007·4	982·3	..	84·5	62·0	40·3	8·8	22	..	0·7	..	3·7	0	0	24	4	4	0	0	0	5	11	0	
Phalodi	0830	767	1008·7	982·6	..	78·6	65·3	53·3	15·3	45	..	1·2	..	7·7	0	6	19	0	1	1	5	7	8	3	0	
	1730	"	1004·6	979·6	..	99·8	74·4	57·1	17·5	28	..	2·8	..	10·0	0	8	18	0	0	0	0	0	16	5	6	
Barmer	0530	638	1006·7	984·8	..	79·9	67·8	59·3	17·8	52	..	1·4	..	7·7	0	7	17	1	0	0	0	1	5	14	3	
	0830	"	1008·7	986·9	+0·4	81·2	69·7	62·2	19·6	55	+2	2·2	+1·9	4·3	0	2	24	2	1	1	2	3	5	10	2	
	1130	"	1008·6	987·3	..	95·0	75·9	66·4	21·9	40	..	1·8	..	4·3	0	2	22	0	3	3	0	5	7	5	1	
	1730	"	1004·4	983·4	..	101·1	78·9	67·8	23·6	35	..	2·2	..	5·0	0	1	26	0	1	1	1	2	11	10	1	
	2330	"	1006·9	985·4	..	89·0	72·2	62·2	19·4	42	..	0·6	..	5·7	0	1	25	0	0	0	0	0	13	11	2	

(R) Register not received.

* Observations for 29 days.

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 %		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.										Wind direction.								
												Mean amount.	Departure from normal.	Mean wind speed, miles per hour.	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
an, East	0830	1,419	1008·3	960·7	..	79·7	63·0	49·2	12·1	36	..	2·1	..	5·4	0	0	19	1	2	0	4	5	5	1	1	11
	1730	"	1003·8	957·4	..	96·3	68·6	48·3	11·4	23	..	3·3	..	..	0	0	30	2	0	0	0	2	6	18	7	0
	0830	1,431	1008·5	960·6	+0·6	84·5	62·0	39·7	8·9	23	−8	1·7	−0·1	4·0	0	0	21	5	4	1	2	2	1	2	4	9
	1130	"	1007·7	960·7	..	95·6	64·9	32·9	7·2	13	..	1·9	..	6·1	0	0	29	6	7	2	0	1	1	3	9	1
	1730	"	1003·8	957·1	..	97·2	65·1	32·0	6·7	11	..	2·5	..	7·1	0	1	27	9	3	1	0	0	1	2	12	2
(Sanganer Aerodrome)	0230	1,282	1006·7	936·2	..	75·4	59·0	45·2	10·5	35	..	1·3	..	4·5	0	1	24	3	2	0	0	0	0	5	15	5
	0530	"	1007·4	963·0	..	72·6	58·7	45·4	10·7	39	..	2·0	..	3·6	0	0	27	1	3	3	0	0	1	3	16	3
	0830	"	1008·3	965·0	..	83·3	64·5	49·0	12·3	32	..	2·1	..	5·7	0	0	21	0	4	1	1	0	1	5	13	5
	1130	"	1007·4	965·1	..	95·2	69·2	49·3	12·7	18	..	2·3	..	8·5	0	4	23	1	0	1	0	1	2	7	17	1
	1730	"	1003·3	961·4	..	97·6	70·5	51·0	13·1	22	..	3·2	..	8·1	0	6	24	1	0	0	0	0	2	11	15	1
	2330	"	1006·9	963·4	..	79·6	62·1	46·6	11·2	33	..	1·5	..	4·7	0	2	23	2	2	0	0	0	0	3	18	5
	0830	1,593	1009·0	955·6	+0·6	82·8	60·4	39·9	8·9	23	−7	2·5	+1·1	6·3	0	2	26	0	2	1	1	2	9	12	1	2
	1730	"	1003·9	951·6	..	95·8	63·2	32·1	6·8	12	..	2·1	..	4·5	0	0	28	1	0	0	1	0	7	14	5	2
	0530	843	1006·8	978·0	..	79·0	60·8	43·1	10·0	30	..	1·1	..	1·2	0	0	11	1	0	1	0	0	0	7	2	19
	0830	"	1008·7	980·3	+0·6	86·8	63·5	41·7	10·7	23	−2	2·2	+0·8	1·6	0	0	12	1	0	1	0	0	0	5	5	18
	1130	"	1008·1	980·2	..	98·4	66·7	36·8	7·7	13	..	2·0	..	3·7	0	0	23	2	2	0	0	0	0	10	9	7
	1730	"	1003·5	975·9	..	101·1	67·4	36·2	9·1	12	..	2·6	..	4·8	0	0	30	0	0	0	0	1	1	11	17	0
	2330	"	1006·5	978·1	..	86·5	63·5	42·9	9·7	23	..	1·2	..	5·2	0	0	15	0	0	1	0	0	2	6	6	15
ar	0830	1,053	1008·9	973·3	+0·2	82·3	61·0	39·3	8·7	23	−6	1·2	+1·1	1·1	0	0	10	3	2	0	0	0	0	2	3	20
	1730	"	1003·1	968·9	..	101·3	67·0	31·7	7·1	11	..	1·4	..	1·9	0	0	18	3	2	0	0	0	2	6	3	12
ur	0230	1,910	897·3	943·7	..	74·8	62·8	54·1	14·8	50	..	0·9	..	1·9	0	0	12	0	0	0	0	0	4	7	1	18
	0530	"	897·1	943·9	..	72·1	58·3	54·1	11·0	54	..	1·6	..	1·7	0	0	13	2	1	0	0	0	0	8	2	17
	0830	"	896·3	945·6	+0·9	81·7	66·7	56·3	16·2	44	+4	2·0	+1·0	1·1	0	0	9	3	0	1	0	0	1	0	4	21
	1130	"	900·9	945·8	..	92·8	71·5	58·5	17·8	35	..	1·9	..	4·5	0	0	26	1	5	4	2	0	3	8	3	4
	1730	"	897·5	942·3	..	94·1	73·1	61·3	19·1	37	..	2·8	..	5·0	0	1	23	0	0	1	1	0	11	9	2	6
	2330	"	998·8	944·6	..	80·0	65·5	55·6	15·6	46	..	0·8	..	2·1	0	0	14	0	0	0	0	0	2	11	1	16
Bharat r (P.B.O.)	0230	688	1005·8	982·2	..	78·9	60·0	41·5	9·1	27	..	1·0	..	2·2	0	0	16	3	1	0	0	0	2	5	5	14
	0530	"	1006·4	982·7	..	76·1	58·7	40·7	9·2	32	..	1·5	..	3·4	0	1	17	2	1	0	0	1	4	6	4	12
	0830	"	1007·9	984·7	+0·4	87·7	62·6	37·3	8·1	19	−7	2·0	+0·8	4·9	0	1	25	2	0	1	1	4	2	5	11	4
	1130	"	1007·5	984·7	..	97·7	65·1	30·9	6·4	11	..	2·3	..	6·1	0	1	29	6	2	1	0	0	4	3	14	0
	1730	"	1003·2	980·8	..	99·7	65·4	28·5	5·9	10	..	3·4	..	8·0	0	1	29	5	0	1	1	0	2	0	21	0
	2330	"	1006·2	982·8	..	82·5	62·1	43·3	9·9	27	..	0·9	..	2·9	0	0	19	3	0	0	0	3	4	1	8	11
ir Kalan	0830	771	1008·2	984·7	..	84·0	60·4	46·2	9·7	28	..	2·1	..	2·7	0	0	22	1	2	1	2	9	4	2	1	8
	1730	"	1003·6	977·9	..	100·9	67·5	36·1	9·4	12	..	2·5	..	6·0	0	0	25	6	0	0	0	1	0	7	11	3
	0530	1,571	1007·6	954·0	..	72·5	57·9	45·7	10·5	40	..	1·8	..	1·2	0	0	13	1	1	1	5	2	1	1	1	17
	0830	"	1008·7	956·0	+0·2	83·3	62·9	47·5	11·7	30	+4	2·1	+1·3	3·1	0	0	24	5	0	5	2	3	2	3	4	6
	1130	"	1007·5	956·2	..	96·7	67·4	45·2	11·0	19	..	2·0	..	5·2	0	0	30	6	3	1	3	0	1	9	7	0
	1730	"	1003·2	952·3	..	99·3	68·2	45·6	10·9	17	..	3·0	..	6·1	0	0	30	3	0	0	1	2	1	15	8	0
	2330	"	1007·1	954·3	..	79·8	61·9	48·4	11·7	34	..	1·3	..	1·0	0	0	10	1	1	1	1	1	0	3	2	20
ch	0830	1,626	1009·5	955·2	+1·0	84·1	60·2	37·2	8·2	21	−13	2·0	+0·9	5·0	0	0	24	3	9	0	0	0	3	4	5	6
	1730	"	1004·0	951·3	..	98·5	63·4	28·5	5·7	9	..	2·9	..	7·3	0	1	28	2	7	0	0	0	7	10	3	1
	0830	1,596	1009·4	955·7	..	81·7	64·2	49·6	12·7	37	..	2·3	..	3·8	0	0	28	6	5	1	0	2	5	6	3	2
	1730	"	1003·6	951·8	..	98·5	67·9	45·7	9·6	16	..	4·3	..	7·8	0	2	28	1	4	0	0	0	8	13	4	0
	0530	1,861	896·6	945·1	..	73·2	57·1	41·8	9·4	34	..	2·2	..	3·2	0	0	16	2	1	0	0	0	0	9	4	14
	0830	"	899·4	947·0	+0·3	84·5	63·1	45·3	11·1	28	−9	1·9	+0·5	6·0	0	2	26	6	4	4	0	1	1	6	6	2
	1130	"	900·3	946·8	..	95·8	66·1	42·6	9·9	18	..	1·6	..	7·5	0	5	21	5	4	2	3	1	2	3	6	4
	1730	"	896·6	942·8	..	97·6	67·1	43·8	10·3	17	..	2·6	..	9·3	0	6	24	3	5	0	1	0	3	8	8	0
	2330	"	897·6	945·3	..	81·7	60·7	42·1	9·6	26	..	1·0	..	5·6	0	1 2	22	3	4	0	0	0	1	8	7	7
(Bairagarh)	0230	1,715	895·6	948·8	..	78·0	56·6	34·1	7·0	22	..	1·4	..	6·1	0	0	23	8	1	2	1	0	1	5	7	3
	0530	"	895·8	949·5	..	74·5	55·4	34·5	7·3	25	..	1·8	..	5·4	0	9	24	6	4	1	0	5	2	3	3	6
	0830	"	898·9	951·6	+0·5	85·6	60·9	37·5	8·3	21	−3	1·9	+0·5	8·6	0	4	15	5	3	4	2	2	2	1	3	6
	1130	"	899·7	951·3	..	96·7	64·1	34·1	7·2	13	..	1·6	..	9·7	0	9	25	5	6	3	1	2	3	2	7	1
	1730	"	896·2	947·4	..	98·7	64·3	31·9	6·6	11	..	3·1	..	10·7	0	2	21	5	2	0	1	1	4	5	12	0
	2330	"	896·6	949·5	..	83·1	58·8	34·9	6·2	20	..	1·8	..	5·5	0		23	10	2	0	1	1	1	4	6	3
Pradesh ng	0830	750	1008·4	982·9	+0·4	83·4	62·4	42·5	9·8	27	−7	1·8	+0·1	3·0	0	0	26	2	3	1	0	6	10	2	2	4
	1730	"	1003·1	978·5	.	100·8	66·2	28·5	6·3	10	..	2·6	..	4·1	0	0	29	3	2	0	0	0	1	3	20	1
	0830	1,041	1007·8	972·7	+0·3	85·6	67·2	53·7	14·2	35	+6	2·1	+0·6	2·4	0	0	27	0	1	1	1	9	6	7	2	3
	1730	"	1002·8	968·7	..	99·1	72·5	55·0	15·6	25	..	2·1	..	6·4	0		30	1	2	0	2	0	2	6	17	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, miles per hour.	Wind speed (m.p.h.).			No. of observations.								
			At mean sea or nearest s. 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	1,506	1007·9	957·8	..	87·5	65·7	48·1	12·7	28	0	1·7	−0·2	2·2	0	1	16	2	0	0	1	3	6	0	5	13
	1730	"	1002·2	953·5	..	98·8	68·3	43·4	11·2	16	..	3·5	..	5·7	0	0	30	7	0	1	1	0	3	2	16	0
Madhya Pradesh, East																										
Gondia	0830	1,026	1009·4	974·8	..	85·4	70·6	61·1	18·9	48	..	2·1	..	2·0	0	0	24	4	2	0	4	3	8	0	3	0
	1730	"	1002·9	969·4	..	100·1	73·4	55·9	16·0	26	..	2·5	..	2·1	0	0	26	8	2	1	2	0	3	6	4	4
Pendra	0530	2,048	897·3	938·7	..	75·1	59·7	46·1	11·3	39	..	2·1	..	0·8	0	0	4	0	0	0	0	2	1	0	1	20
	0830	"	900·0	940·7	+0·6	84·7	64·2	48·1	12·2	31	0	2·0	0	2·5	0	0	18	3	0	0	0	7	2	4	2	12
	1130	"	900·3	940·4	..	93·9	66·8	46·3	11·4	23	..	2·4	..	4·8	0	1	28	4	4	3	1	2	6	4	5	
	1730	"	896·7	936·5	..	94·1	66·4	45·2	10·9	21	..	4·1	..	3·8	0	0	27	12	2	3	0	0	3	1	6	
	2330	"	897·9	938·9	..	80·9	62·3	47·4	11·6	34	..	1·9	..	1·2	0	0	13	1	1	1	0	3	4	0	3	0
Raigarh	0830	723	1008·8	984·3	..	87·0	69·7	57·5	16·7	39	..	3·8	..	1·7	0	0	19	3	6	1	3	3	2	0	1	1
	1730	"	1002·9	979·2	..	99·9	73·1	53·8	15·5	25	..	3·5	..	2·9	0	0	27	10	2	0	0	2	2	1	10	
Ambikapur	0830	2,005	899·5	942·0	..	83·1	63·8	48·8	12·4	32	.	1·5	..	3·0	0	1	19	2	4	0	1	3	6	4	0	1
	1730	"	896·5	937·9	..	93·7	65·1	41·9	9·6	20	..	2·2	..	8·3	0	5	25	13	2	0	1	1	2	4	7	
Champa	0830	805	1008·8	983·9	..	85·7	67·6	54·6	14·9	38	..	3·6	..	2·8	0	0	28	10	1	4	1	2	3	3	4	
	1730	"	1002·9	976·6	..	100·6	70·2	45·5	11·5	19	..	4·0	..	5·3	0	2	28	10	2	2	0	1	3	8	4	
Raipur	0530	979	1006·7	973·5	..	81·2	65·2	52·1	14·0	40	.	3·3	..	2·5	0	0	18	3	1	0	0	7	4	3	0	
	0830	"	1009·0	976·0	+0·7	86·6	67·4	52·4	14·2	35	+1	3·1	+1·4	4·5	0	0	27	3	3	0	0	5	8	3	5	
	1130	"	1007·7	975·3	..	96·4	70·5	51·6	13·7	25	..	2·5	..	5·0	0	0	29	6	1	1	0	0	5	9	7	
	1730	"	1002·9 1012·9	970·8	..	99·8	70·1	46·4	11·7	21	..	3·6	..	3·3	0	0	24	5	1	0	1	2	2	9	4	
	2330	"	1006·1	973·1	..	87·6	67·0	50·3	14·3	31	..	2·7	..	2·5	0	0	19	3	1	0	0	6	6	1	2	
Kanker	0830	1,318	1009·2	965·1	+0·8	85·9	70·9	62·1	19·0	46	+2	2·8	+0·4	1·0	0	0	8	0	0	0	0	2	3	3	0	
	1730	"	1003·3	960·2	..	96·7	73·2	57·6	17·2	31	..	4·2	..	0·9	0	0	11	0	1	0	1	0	4	2	3	
Chanda	0830	634	1009·3	987·8	+0·6	88·1	70·6	58·5	17·6	40	+3	3·2	+1·5	0·5	0	0	6	0	0	0	1	0	4	0	1	
	1730	"	1003·1	982·3	..	100·8	70·4	46·7	10·8	19	..	4·6	..	3·4	0	2	20	3	1	2	7	3	3	1	2	
Sironcha	0830	405	1010·2	996·3	..	86·1	74·2	66·6	23·2	53	..	2·5	..	5·1	0	0	28	1	1	3	12	8	1	1	1	
	1730	"	1003·5	990·2	..	101·6	75·5	59·6	18·3	26	..	2·8	..	2·2	0	0	23	4	3	2	5	5	1	1	2	
Jagdalpur (P.B.O.)	0530	1,813	896·5	946·6	..	73·8	67·1	63·1	20·1	70	..	3·2	..	0·9	0	0	8	1	0	0	1	1	3	1	1	
	0830	"	900·0	949·1	+0·4	81·7	69·5	62·3	20·2	54	−2	2·9	+1·1	3·1	0	0	22	2	0	0	1	3	9	7	0	
	1130	"	899·8	948·3	..	92·2	70·8	58·5	16·7	34	..	2·3	..	4·9	0	0	30	2	1	0	0	4	10	9	4	
	1730	"	896·2	944·3	..	93·8	69·1	54·0	14·7	27	..	5·2	..	3·1	0	1	24	3	4	0	0	2	3	9	4	
	2330	"	897·4	946·6	..	80·2	67·8	60·5	17·9	53	..	3·0	..	2·0	0	0	14	1	0	0	2	5	4	2	0	
Madhya Pradesh, West																										
Buldhana	0830	2,133	899·8	937·8	..	82·3	66·0	55·4	15·2	41	..	2·8	..	4·3	0	0	28	3	1	1	0	2	2	3	16	
	1730	"	897·3	934·2	..	97·2	69·6	52·0	13·5	23	..	4·6	..	3·1	0	0	30	0	11	0	4	0	3	1	11	
Akola	0830	925	1009·0	977·8	+0·4	86·8	68·1	54·3	15·0	36	+8	3·0	+1·5	6·6	0	2	26	2	1	3	3	1	3	8	7	
	1130	"	1007·6	977·1	..	98·5	71·5	51·6	14·1	22	..	2·6	..	7·2	0	3	27	7	3	2	3	0	4	5	6	
	1730	"	1002·8	972·7	..	102·9	71·5	43·7	12·1	18	..	4·5	..	4·7	0	0	30	8	6	2	1	1	4	1	7	
Akola (Aerodrome)	0530	1,015	1006·8	972·2	..	78·9	63·7	50·1	13·3	41	..	2·9	..	4·3	0	0	28	0	3	3	3	3	5	8	3	
	2330	"	1006·0	972·0	..	87·6	66·6	49·9	12·8	31	..	3·3	..	5·3	0	2	28	5	2	2	1	7	4	1	8	
Amravati	0830	1,213	1008·8	968·1	+0·6	85·7	67·2	53 4	14·4	36	+8	3·1	+1·6	4·3	0	0	30	2	5	2	1	0	14	6	0	
	1730	"	1002·3	963·0	..	102·0	71·7	50·0	12·8	18	..	4·2	..	4·0	0	0	30	1	9	2	4	1	5	3	5	
Yeotmal	0830	1,481	1008·4	959·1	..	86·8	68·9	57·4	16·1	40	..	6·3	..	9·9	0	8	22	0	4	0	3	0	12	0	11	
	1730	"	1002·3	954·3	..	99·2	72·6	56·7	15·3	26	..	5·9	..	6·5	0	3	25	2	5	1	5	0	2	1	12	
Khandwa	0830	1,044	1008·8	973·7	+0·3	87·4	68·1	53·8	15·2	34	+6	2·2	+1·0	5·6	0	1	28	0	1	0	1	2	6	11	8	
	1730	"	1002·5	968·5	..	102·5	73·5	54·7	14·9	22	..	3·2	..	6·1	0	1	27	6	2	0	0	1	2	8	9	
Hoshangabad	0830	992	1008·7	975·3	+0·1	84·9	63·0	42·6	9·8	25	−3	2·9	+1·6	2·1	0	0	23	5	5	3	1	2	3	1	3	
	1730	"	1002·3	970·1	..	102·7	67·6	34·0	7·2	10	..	4·5	..	2·3	0	0	22	6	0	1	0	2	4	6	3	
Sagar	0830	1,808	898·7	947·6	0	86·8	61·4	37·5	8·3	21	−3	1·6	+0·2	9·7	0	7	23	3	2	5	3	1	9	4	3	
	1730	"	895·9	943·8	..	97·6	64·4	37·2	7·3	12	..	2·3	..	9·3	0	1	29	3	1	0	0	0	15	3	8	
Jabalpur	0530	1,289	1007·5	963·3	..	72·8	59·7	48·0	11·6	49	..	2·1	..	1·3	0	0	14	1	1	1	6	0	4	0	1	
	0830	"	1008·4	965·3	+0·7	86·7	64·4	45·1	10·6	26	−5	1·7	+0·4	3·5	0	0	25	0	1	1	17	1	4	1	0	
	1130	"	1006·8	964·8	..	99·6	68·7	43·0	10·0	16	..	1·9	..	4·1	0	1	24	0	7	0	4	0	8	2	4	
	1730	"	1002·4	960·6	..	100·5	69·1	43·5	11·4	16	..	3·2	..	4·5	0	0	26	3	1	1	2	1	4	2	12	
	2330	"	1006·6	963·0	..	80·0	64·2	50·6	13·4	37	..	1·2	..	1·1	0	0	10	0	3	0	7	0	0	0	0	
Mandla	0830	1,452	1009·4	960·3	..	78·8	63·9	53·0	13·6	44	..	2·6	..	1·5	0	0	21	5	1	1	4	6	0	0	4	
	1730	"	1002·3	955·0	..	96·9	66·7	41·0	8·8	18	..	3·6	..	4·9	0	1	27	10	3	2	4	2	1	1	5	
Seoni	0830	2,027	..	..	..	89·3	66·0	54·2	14·7	40	+10	3·4	+1·9	2·5	0	0	22	4	1	4	0	3	6	2	2	
	1730	"	..	..	..	96·6	70·6	54·6	15·0	28	..	4·9	..	2·6	0	0	25	6	4	2	4	2	4	1	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 %.	Departure from normal.	Cloud amount (Oktas).		Mean wind speed, miles per hour.	Wind speed (m. p. h.)			No. of observations. Wind direction.								
			At mean sea or nearest k. 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	—	17	18	19	20	21	22	23	24	25	26	27
ya Pradesh, West—*contd.*																										
indwara	0830	2,248	900·6	934·6	..	83·4	62·0	43·8	10·3	29	..	2·2	..	2·6	0	0	20	3	3	2	1	1	0	5	5	10
	1730	,,	897·2	930·2	..	96·1	64·7	36·0	8·1	15	..	3·4	..	3·3	0	0	26	4	3	0	0	3	4	3	9	4
l	0830	2,144	900·4	937·8	..	83·8	62·6	44·8	10·8	28	..	1·9	..	3·7	0	0	26	1	2	5	4	3	3	3	5	4
	1730	,,	897·0	933·5	..	96·4	65·3	39·2	8·7	15	..	3·3	..	5·1	0	0	29	9	3	1	0	2	1	2	11	1
pur	0230	1,010	1006·1	971·9	..	82·1	65·3	51·8	13·7	39	..	2·8	..	3·7	0	1	21	4	2	1	1	0	5	5	4	8
	0530	,,	1007·3	972·7	..	77·7	64·3	53·2	13·5	45	..	3·2	..	3·8	0	0	23	2	1	1	2	2	4	4	7	7
	0830	,,	1008·9	975·0	+0·6	87·9	69·0	55·5	15·6	38	+4	2·8	+1·0	5·5	0	1	26	3	6	3	4	2	3	2	4	3
	1130	,,	1007·4	974·2	..	98·3	73·7	56·2	17·2	28	..	2·7	..	7·2	0	2	28	1	4	3	4	0	6	4	8	0
	1730	,,	1002·4	969·3	..	101·1	72·8	53·7	15·1	22	..	4·1	..	5·2	0	2	25	3	5	2	1	6	4	2	4	3
	2330	,,	1006·3	972·4	..	86·1	67·3	52·4	14·3	34	..	2·8	..	3·8	0	0	27	3	2	2	2	2	6	4	6	3
at																										
a	0830	444	1009·8	994·5	+0·4	81·3	66·5	53·9	15·5	44	..	1·4	..	..	0	0	24	2	2	0	0	0	16	0	4	6
	1730	,,	1005·0	990·3	..	100·2	70·5	47·8	12·1	19	..	2·6	..	..	0	0	27	1	0	0	0	1	16	4	5	3
t	0530	39	1008·4	1007·0	..	77·1	72·3	69·7	24·9	78	..	0·7	..	2·6	0	0	19	1	0	1	8	5	2	1	1	11
	0830	,,	1010·7	1009·4	+0·8	83·2	73·9	69·5	24·4	64	+2	1·1	−0·4	3·3	0	0	28	0	4	0	6	1	9	0	8	2
	1130	,,	1010·3	1009·0	..	94·1	73·9	62·0	19·4	36	..	1·0	..	3·9	0	0	25	3	1	1	0	1	5	9	5	5
	1730	,,	1005·8	1004·5	..	95·4	75·0	63·7	20·4	37	..	1·4	..	6·4	0	0	30	0	0	0	0	0	18	5	7	0
	2330	,,	1008·6	1007·4	..	82·1	75·3	72·3	26·9	73	..	0·8	..	5·8	0	1	28	0	0	0	3	8	14	4	0	1
ıedabad	0230	182	1007·5	1001·3	..	81·5	68·4	58·8	17·8	49	..	0·6	..	7·5	0	0	30	5	2	0	0	0	1	10	12	0
	0530	,,	1007·8	1001·5	..	76·8	67·1	59·4	18·3	59	..	0·7	..	6·9	0	1	26	2	2	1	0	0	0	8	14	3
	0830	,,	1009·9	1003·7	+0·1	82·0	71·0	63·6	20·9	58	+10	1·4	+0·3	9·2	0	4	26	2	2	3	0	0	1	3	19	0
	1130	,,	1009·7	1003·7	..	95·7	75·3	62·3	20·7	38	..	1·3	..	9·3	0	4	26	2	2	5	1	0	1	2	17	0
	1730	,,	1005·1	999·1	..	102·7	77·5	62·1	20·8	30	..	1·7	..	8·6	0	3	25	2	1	2	0	0	0	11	12	2
	2330	,,	1007·9	1001·7	..	86·2	70·3	59·0	18·1	43	..	0·5	..	6·1	0	2	26	5	0	0	1	1	5	3	13	2
ad	0830	1,093	1009·7	972·8	..	83·1	66·7	52·3	14·3	38	−1	1·4	+0·1	9·9	0	8	21	1	2	0	0	1	7	16	2	1
	1730	,,	1004·6	968·9	..	100·5	69·5	43·6	10·6	17	..	1·6	..	7·2	0	0	29	3	0	0	0	0	9	13	4	1
da	0530	115	1008·1	1004·1	..	75·6	67·4	61·7	19·2	64	..	0·9	..	1·4	0	0	14	0	0	0	1	2	9	1	1	16
	0830	,,	1010·4	1006·4	..	82·1	71·0	63·8	20·9	56	+9	1·0	+0·3	1·8	0	0	18	1	2	1	0	1	7	3	3	12
	1130	,,	1010·0	1006·1	..	95·8	74·3	60·0	19·2	35	..	0·6	..	2·8	0	0	22	3	2	1	1	0	4	3	8	8
	1730	,,	1005·2	1001·4	..	103·9	77·6	61·8	20·3	29	..	0·8	..	3·3	0	0	25	2	0	1	0	1	4	6	11	5
	2330	,,	1007·9	1004·0	..	85·2	71·7	63·1	20·4	51	..	0·8	..	3·1	0	0	22	1	0	0	1	2	14	2	2	8
da (Aerodrome)	0530	124	1008·4	1004·1	..	76·9	65·1	55·7	15·8	50	..	0·8	..	2·5	0	0	24	4	0	0	1	3	10	4	2	6
	0830	,,	1010·4	1006·1	..	82·2	68·2	58·1	17·3	46	..	0·6	..	3·9	0	0	28	2	1	0	2	3	11	6	3	2
	1730	,,	1005·1	1001·0	..	102·7	70·1	45·4	10·4	15	..	1·0	..	4·2	0	0	29	1	0	0	0	0	8	13	7	1
	2330	,,	1007·9	1003·7	..	85·7	68·5	55·9	16·0	39	..	0·9	..	4·0	0	0	27	4	0	0	1	1	14	6	1	3
ch	0830	57	1009·9	1007·9	..	80·3	72·9	68·8	24·3	70	..	0·7	..	3·2	0	0	26	3	0	0	5	6	5	3	4	4
	1730		1004·8	1002·9	..	102·3	80·3	68·8	25·2	38	..	0·7	..	7·5	0	1	29	1	0	0	0	1	14	6	8	0
shtra and Kutch																										
	0830	343	1010·3	998·4	+0·8	79·0	68·1	60·3	18·5	56	+1	1·2	+0·2	3·9	0	0	22	1	0	0	0	0	6	12	3	8
	1730	,,	1006·4	995·0	..	97·0	70·1	49·8	12·9	22	..	1·1	..	7·4	0	1	27	2	1	0	0	0	7	13	5	2
(P. B. O.)	0230	347	1008·4	996·5	..	77·1	66·6	59·1	17·6	60	..	0·7	..	4·5	0	0	23	0	1	0	0	0	8	14	0	7
	0530	,,	1008·4	996·4	..	75·1	66·1	59·4	17·9	64	..	1·0	..	3·1	0	0	18	1	0	0	0	0	8	7	2	12
	0830	,,	1009·7	997·8	..	80·0	68·1	57·8	18·1	56	..	1·4	..	5·0	0	2	21	2	1	0	0	0	7	10	3	7
	1130	,,	1009·6	997·9	..	92·9	68·3	52·1	12·5	28	..	1·7	..	6·3	0	1	29	3	3	0	0	0	5	11	8	0
	1730	,,	1006·1	994·5	..	96·6	69·4	52·2	12·3	25	..	2·2	..	7·7	0	4	25	3	1	0	0	0	7	14	4	1
	2330	,,	1008·9	997·0	..	80·8	67·8	58·7	17·3	54	..	0·3	..	4·8	0	0	25	0	0	0	0	0	9	14	2	5
ırka	0830	37	1010·8	1009·2	+0·2	79·5	74·2	71·3	26·5	77	−6	1·5	−0·4	11·0	0	8	22	5	1	0	0	0	2	11	11	0
	1730	,,	1008·4	1007·1	..	82·5	76·5	73·5	28·5	75	..	1·4	..	13·8	0	18	12	1	0	0	0	0	0	18	11	0
ıander	0830	23	1010·2	1009·4	..	76·2	71·3	68·4	24·0	78	..	1·0	..	10·8	0	8	22	7	3	0	0	0	1	5	14	0
	1730	,,	1007·8	1007·0	..	84·9	75·4	70·6	25·7	64	..	1·5	..	18·1	0	30	0	0	0	0	0	0	6	19	5	0
nagar	0530	74	1008·8	1006·2	..	72·2	68·8	66·7	22·5	84	..	1·1	..	6·4	0	1	27	0	0	1	0	1	14	10	2	2
	0830	,,	1010·5	1007·9	+0·3	79·1	72·2	68·1	23·8	71	+5	2·3	+1·0	8·0	0	6	23	0	1	1	0	0	8	16	3	1
	1130	,,	1010·7	1008·2	..	90·2	72·5	61·1	19·3	42	..	1·5	..	11·5	0	13	17	4	2	0	0	0	0	16	8	0
	1730	,,	1007·3	1004·8	..	90·0	72·6	61·5	19·4	43	..	1·8	..	18·8	0	27	3	3	0	0	0	0	0	26	1	0
tot	0830	432	1010·5	995·6	+0·7	77·1	70·1	65·1	22·0	70	+7	1·4	−0·4	10·7	0	10	19	3	1	0	0	0	5	9	11	1
	1730	,,	1005·7	991·4	..	100·1	73·0	53·8	15·5	25	..	2·1	..	15·4	0	18	12	3	1	0	0	1	0	8	17	0
tot (Aerodrome)	0530	439	1008·6	993·3	..	72·0	64·9	57·6	17·8	67	..	1·2	..	7·0	0	3	26	1	1	0	1	3	9	11	3	1
	0830	,,	1010·4	995·3	..	79·5	69·0	60·5	19·5	58	..	1·5	..	9·4	0	6	23	2	1	0	0	0	5	11	10	1
	1130		1009·9	995·1	..	94·4	68·0	44·2	11·4	22	..	1·2	..	12·9	0	14	16	6	4	1	0	0	2	8	9	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, miles per hour.	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
Saurashtra and Kutch—*contd.*																										
Veraval	0230	26	1008·8	1007·9	..	75·7	70·8	67·5	23·5	78	..	0·6	..	11·8	0	12	17	5	0	1	0	0	0	6	17	1
	0530	,,	1008·7	1007·8	..	73·4	68·3	64·1	21·3	76	..	0·7	..	9·5	0	4	26	8	1	0	0	0	0	3	18	0
	0830	,,	1010·6	1009·7	+0·4	79·4	70·6	64·2	21·6	65	−9	1·2	−0·5	10·2	0	6	24	9	1	0	0	0	0	3	17	0
	1130	,,	1010·9	1010·0	..	84·6	75·6	71·2	26·2	65	..	0·9	..	12·2	0	10	20	0	1	0	0	2	2	18	7	0
	1730	,,	1007·7	1006·8	..	83·0	76·5	73·5	28·2	73	..	1·1	..	15·7	0	21	9	0	0	0	0	0	2	17	11	0
	2330	,,	1010·0	1009·1	..	78·1	73·4	70·8	26·0	79	..	0·5	..	11·8	0	11	18	3	0	0	0	0	0	4	22	1
Mahuva	0830	51	1010·2	1008·5	..	82·0	69·3	60·4	18·7	52	..	0·9	..	2·6	0	0	30	0	8	1	5	2	1	0	13	0
	1730	,,	1006·5	1004·7	..	90·5	78·2	72·5	27·3	57	..	1·0	..	18·5	0	24	6	0	0	0	2	3	25	0	0	0
Bhavnagar	0830	55	1010·9	1009·0	+1·0	80·1	69·4	62·0	19·7	57	+7	0·7	−0·6	4·5	0	0	30	1	2	0	0	5	5	10	7	0
	1730	,,	1005·8	1004·0	..	100·7	79·0	68·6	24·0	37	..	1·2	..	5·4	0	1	29	2	3	5	6	12	2	0	0	0
Bhavnagar (Aerodrome)	0830	55	1010·4	1009·2	..	83·3	67·2	53·7	15·5	42	..	1·0	..	8·5	0	3	25	3	0	1	0	3	0	6	15	2
	1130	,,	1010·4	1009·2	..	92·4	70·9	55·9	16·1	32	..	0·9	..	8·6	0	1	28	2	10	12	0	0	1	0	4	1
Konkan																										
Dahanu	0830	15	1010·3	1009·8	..	82·2	79·0	77·3	32·4	86	..	3·7	..	6·5	0	0	30	2	0	13	13	1	0	1	0	0
	1730	,,	1006·8	1006·3	..	86·5	83·0	81·6	36·9	86	..	1·1	..	13·7	0	20	10	0	0	0	0	0	1	23	6	0
Bombay (Colaba)	0830	35	1010·9	1009·7	+0·5	83·6	76·6	73·2	28·1	71	−4	3·1	+0·8	3·7	0	1	21	3	2	4	5	0	1	4	3	8
	1130	,,	1010·8	1009·6	..	88·8	77·5	72·1	27·1	59	..	1·5	..	5·9	0	0	29	1	1	1	2	3	2	8	11	1
	1730	,,	1007·1	1005·9	..	86·9	78·2	74·1	29·0	66	.	1·4	..	10·5	0	6	24	0	0	0	0	0	1	14	15	0
Bombay (Santacruz Aerodrome)	0230	27	1008·7	1007·8	..	79·2	73·7	70·8	25·9	76	..	2·2	..	3·3	0	1	17	5	2	1	1	4	2	1	2	11
	0530	,,	1008·9	1008·0	..	77·1	72·9	70·6	25·7	81	..	2·7	..	1·7	0	0	13	3	4	3	2	0	0	1	0	17
	0830	,,	1010·9	1010·0	+0·5	83·6	75·4	71·3	26·3	67	−3	3·9	+1·6	3·5	0	0	21	3	5	3	4	3	1	1	1	9
	1130	,,	1010·7	1009·8	..	89·2	76·3	69·5	25·1	54	..	1·7	..	9·6	0	2	28	2	0	0	1	0	5	12	10	8
	1730	,,	1007·0	1006·1	..	86·6	76·4	71·3	26·4	61	..	2·0	..	14·9	0	20	10	1	0	0	0	0	1	8	20	0
	2330	,,	1009·9	1009·0	..	81·4	75·0	71·8	26·7	73	..	2·0	..	5·5	0	3	21	4	1	1	0	1	4	3	10	0
Alibag	0830	23	1011·0	1010·2	+0·3	82·9	78·5	76·5	31·3	81	+12	2·8	+0·5	2·1	0	0	21	2	2	2	3	5	0	0	7	9
Harnai	0830	66	1010·8	1008·5	..	82·3	76·2	73·3	28·1	75	..	3·9	..	5·1	0	0	27	9	5	5	1	1	0	2	4	5
	1730	,,	1007·2	1004·9	..	84·1	79·4	77·4	32·2	81	..	4·1	..	15·7	0	18	12	1	0	0	0	1	2	8	18	0
Ratnagiri	0830	116	1010·9	1006·5	+0·2	82·5	75·6	72·3	27·1	72	..	3·9	..	..	0	0	30	6	7	8	0	0	0	1	8	0
	1730	,,	1007·0	1003·0	..	87·0	77·6	73·1	28·1	64	..	2·8	..	..	0	22	8	1	0	1	0	0	2	14	12	0
Devgad	0830	117	1010·6	1006·6	..	81·7	75·8	72·8	27·8	75	..	4·5	..	5·0	0	0	29	6	6	4	3	2	1	2	5	1
	1730	,,	1007·1	1003·1	..	86·9	78·6	74·9	29·6	68	..	3·1	..	16·3	0	7	23	0	1	0	0	0	0	5	24	1
Vengurla	0230	29	1008·8	1007·8	..	79·3	74·3	71·8	26·7	78	..	1·9	..	..	0	0	9	3	1	0	1	0	0	0	4	2
	0530	,,	1009·1	1008·1	..	77·9	73·7	71·6	26·5	82	..	2·3	..	..	0	0	5	4	0	1	0	0	0	0	0	2
	0830	,,	1011·2	1010·2	..	83·3	75·7	72·0	26·9	69	..	2·9	..	..	0	0	9	5	1	2	0	0	0	0	1	2
	1130	,,	1010·9	1009·9	..	88·9	77·6	72·2	27·2	59	..	2·2	..	..	0	1	23	3	0	2	0	0	2	9	8	
	1730	,,	1007·2	1006·2	..	86·9	77·3	73·3	27·6	64	..	2·5	..	..	0	1	26	1	0	0	0	0	3	21	2	
	2330	,,	1010·2	1009·2	..	81·3	75·1	71·9	26·9	74	..	1·4	..	..	0	0	8	1	1	2	0	0	2	0	2	1
Marmagao	0830	202	1010·9	1004·0	+0·7	83·2	76·4	73·6	28·0	72	−3	3·5	+0·1	4·6	0	0	30	7	6	5	1	2	0	5	4	
	1730	,,	1007·1	1000·2	..	85·4	77·8	74·8	29·1	70	..	3·8	..	6·4	0	0	30	0	0	0	0	0	0	20	10	
Karwar	0830	13	1010·7	1010·2	+0·4	81·5	75·8	73·1	27·9	76	..	2·3	..	..	0	0	3	0	0	0	1	0	0	1	1	1
	1730	,,	1006·9	1006·5	..	86·0	79·6	76·7	31·7	75	..	2·6	..	..	0	1	29	0	0	0	0	0	8	1	21	
Honavar	0830	85	1011·0	1008·1	..	82·2	76·3	73·6	28·3	75	..	4·7	..	2·1	0	0	25	1	2	17	1	0	0	2	2	
	1730	,,	1007·1	1004·2	..	87·3	79·3	75·7	30·5	69	..	4·7	..	4·0	0	0	30	0	0	1	0	0	3	19	7	
Deccan (Desh)																										
Jalgaon	0830	660	1009·5	987·0	..	84·2	67·5	54·6	15·5	39	..	2·0	..	10·3	0	12	18	0	1	4	1	2	2	12	8	
	1730	,,	1002·8	981·3	..	105·8	73·0	49·7	12·8	17	..	2·8	..	8·7	0	5	25	6	3	4	1	2	1	3	10	
Malegaon	0830	1,432	1009·5	961·8	+0·6	87·3	67·6	52·7	14·2	33	−5	1·7	+0·6	1·9	0	0	24	1	1	0	1	1	3	4	13	
	1730	,,	1003·7	956·7	..	99·7	70·0	47·6	11·6	19	..	2·8	..	2·3	0	0	23	3	3	0	2	1	0	4	10	
Deolali	0830	1,875	899·7	947·2	..	79·2	67·6	60·6	18·4	55	..	2·2	..	3·5	0	1	21	1	1	0	1	4	10	2	3	
Ahmednagar	0830	2,154	900·8	938·2	+0·3	82·3	66·7	56·0	16·0	42	+11	2·7	+1·5	3·5	0	0	23	0	4	0	3	1	1	0	14	
	1730	,,	897·2	933·4	..	96·7	70·3	53·7	14·5	25	..	4·6	..	4·6	0	0	27	4	8	1	4	0	1	2	7	
Poona	0530	1,835	897·4	946·9	..	72·8	65·8	61·6	18·8	69	..	2·3	..	0·7	0	0	9	0	0	1	0	0	2	6	0	
	0830	,,	899·7	948·7	+0·4	78·5	67·9	61·8	19·0	57	+7	2·5	+1·1	1·1	0	0	14	1	0	0	1	0	5	6	1	
	1130	,,	900·4	948·1	..	92·1	68·7	53·6	14·4	29	..	1·9	..	3·2	0	0	27	1	5	12	1	0	1	5	2	
	1730	,,	896·5	944·1	..	92·2	71·0	58·7	17·3	35	..	4·0	..	3·9	0	0	24	0	0	0	1	1	3	11	8	
	2330	,,	898·5	947·5	..	78·1	68·4	62·8	19·8	60	..	1·9	..	1·4	0	0	15	0	0	0	0	0	1	9	5	
Poona (Lohagaon Aerodrome)	0230	1,947	897·7	942·8	..	75·5	65·6	59·7	17·5	59	..	2·5	..	4·3	0	1	20	1	1	1	0	0	1	12	5	
	0530	,,	897·7	943·1	..	72·5	64·8	59·7	17·9	66	..	2·9	..	3·4	0	1	17	1	1	1	1	1	0	8	5	
	0830	,,	900·0	944·9	..	78·5	66·1	58·2	16·9	51	..	2·6	..	5·7	0	2	25	0	0	2	2	0	0	16	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, miles per hour.	Wind speed (m. p. h.)			No. of observations.								
			At mean sea or nearest g. p. km. level.	A 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
m (Deah)—*contd.*																										
na (Lohagaon Aerodrome) *contd.*	1130	1,947	900·7	944·5	..	91·6	66·8	49·2	12·3	25	..	2·1	..	6·5	0	1	25	5	2	3	3	1	1	7	4	4
	1730	,,	896·8	940·4	..	92·5	68·3	51·8	13·8	28	..	4·5	..	16·2	0	21	9	1	1	1	1	1	3	9	13	0
	2330	,,	898·8	943·8	..	77·7	66·9	60·3	18·1	56	..	2·4	..	7·6	0	4	23	1	0	0	0	0	0	16	10	3
r	0830	1,709	899·1	952·5	..	80·9	68·3	60·9	18·5	52	..	2·9	..	5·2	0	2	25	2	1	2	2	1	2	8	9	3
	1730	,,	895·6	947·0	..	97·6	70·7	53·7	14·7	26	..	5·7	..	5·3	0		27	6	5	2	3	2	2	4	4	2
dapur	0530	1,570	1008·4	955·3	..	77·6	66·0	58·8	17·1	53	..	4·8	..	1·3	0	0	10	2	0	0	2	0	1	2	3	20
	0830	,,	1009·8	957·1	+0·6	83·4	67·5	57·5	16·5	43	+5	2·7	+1·1	1·9	0	0	22	1	10	2	3	1	1	2	2	8
	1130	,,	1007·7	956·3	..	95·3	69·1	51·7	13·6	24	..	2·9	..	4·9	0	0	28	9	5	1	6	1	5	0	1	2
	1730	,,	1002·7	951·7	..	97·7	68·5	47·4	12·0	21	..	5·5	..	4·0	0	1	24	0	12	1	4	0	6	0	2	5
	2330	,,	1007·7	955·4	..	84·9	66·3	53·8	14·5	35	..	4·1	..	1·8	0	0	12	1	1	2	2	0	2	1	3	18
raj	0830	1,817	899·6	949·4	+0·5	76·7	69·5	65·6	21·7	70	+8	3·2	+1·4	4·3	0	0	26	4	1	3	0	2	1	6	9	4
	1730	,,	896·6	944·8	..	92·4	71·5	60·0	17·8	37	..	6·1	..	6·7	0	2	24	5	2	1	1	2	4	6	5	4
lhapur	0530	1,870	897·4	945·6	..	72·0	67·4	64·7	21·1	79	..	2·2	..	4·6	0	2	21	0	2	1	1	2	2	15	0	7
	0830	,,	899·5	947·4	..	76·0	68·5	64·1	20·7	68	..	3·2	..	4·1	0	1	22	0	4	2	0	0	0	16	1	7
	1130	,,	900·3	947·0	..	88·7	69·9	58·5	17·3	38	..	2·5	..	4·4	0	0	23	4	5	3	1	0	2	6	2	7
	1730	,,	896·2	943·0	..	87·0	71·3	62·4	19·8	47	..	5·1	..	14·9	0	15	13	2	1	0	0	3	1	17	4	2
apur	0830	1,950	900·0	944·6	+0·5	80·5	67·7	60·2	17·9	51	0	2·9	+1·3	4·5	0	0	21	7	2	1	0	1	2	4	4	2
	1730	,,	896·3	939·3	..	97·1	68·7	49·6	12·4	21	..	5·2	..	3·5	0	0	24	5	3	6	4	2	2	1	1	6
lgaum	0830	2,562	901·6	925·5	+0·9	69·6	65·5	62·2	19·8	77	+13	2·7	+0·9	0·8	0	0	9	6	0	0	0	1	1	1	0	21
	1730	,,	899·1	921·9	..	86·2	69·9	60·9	18·3	48	..	4·9	..	2·5	0	0	24	7	3	2	2	3	2	0	3	6
lgaum (Sambre Aerodrome) .	0530	2,497	899·5	925·7	..	68·9	65·1	62·5	19·6	81	..	3·1	..	2·8	0	0	22	1	2	0	3	2	3	7	4	8
	0830	,,	901·5	927·3	..	76·5	67·9	62·8	19·8	64	..	2·6	..	3·9	0	1	19	3	3	2	0	0	1	10	1	10
	1130	,,	901·8	927·1	..	87·0	68·8	57·4	15·8	39	..	2·1	..	3·3	0	2	21	7	3	2	2	1	1	3	4	7
	1730	,,	898·4	923·8	..	84·2	70·9	63·5	20·4	52	..	5·1	..	17·1	0	24	6	0	1	2	2	1	3	20	1	0
idag	0830	2,131	900·5	939·1	+0·4	79·3	75·7	74·3	28·9	85	+15	3·8	+2·0	6·7	0	1	29	1	1	1	0	3	5	16	3	0
	1730	,,	896·9	934·0	..	93·0	84·6	82·1	37·2	71	..	5·9	..	5·5	0	0	30	0	5	8	3	3	2	7	2	0
idag (P.B.O.) . . .	0530	2,150	898·4	936·4	..	73·8	69·0	66·9	22·2	80	..	2·5	..	..	0	1	18	0	0	0	0	0	6	13	0	11
	0830	,,	900·7	938·4	..	78·8	70·5	66·9	22·0	67	..	2·7	..	..	0	0	18	0	2	0	0	0	3	10	1	12
	1130	,,	901·0	938·0	..	88·9	73·0	66·2	21·2	49	..	1·9	..	..	0	0	20	6	0	3	0	0	2	7	2	10
	1730	,,	896·8	933·3	..	92·0	73·6	66·0	20·7	44	..	5·2	..	..	0	1	19	3	3	1	0	0	4	8	1	10
	2330	,,	899·6	937·4	..	77·8	71·0	68·1	23·1	73	..	4·1	..	..	0	3	21	0	1	1	0	0	7	18	0	6
lerabad, North urangabad	0830	1,905	899·7	946·1	+0·1	80·6	65·6	55·1	15·4	44	+13	2·6	+1·2	5·0	0	2	26	1	0	5	0	4	2	12	4	2
	1730	,,	897·1	941·5	..	98·8	69·1	49·0	12·2	19	..	4·8	..	7·0	0	4	26	6	1	3	4	0	2	10	4	0
urangabad (Chikalthana Aerodrome)	0230	1,898	897·5	944·0	..	79·3	62·8	50·2	12·8	39	..	3·0	..	7·0	0	4	19	3	0	1	2	0	2	6	9	7
	0530	,,	897·5	944·4	..	74·9	60·9	49·6	12·6	44	..	3·1	..	5·6	0	1	23	5	1	0	2	0	0	8	8	6
	0830	,,	900·0	946·1	..	84·5	65·5	52·2	13·7	35	..	1·9	..	5·2	0	1	20	7	2	0	0	0	1	7	4	9
	1130	,,	900·5	945·7	..	95·0	67·1	46·7	11·3	21	..	2·0	..	8·1	0	3	24	6	5	1	3	1	1	5	3	3
	1730	,,	896·7	941·5	..	97·6	66·2	41·2	9·2	16	..	4·2	..	9·1	0	6	23	11	4	4	1	1	2	1	5	1
	2330	,,	898·5	944·6	..	83·7	64·4	49·9	12·8	34	..	3·1	..	8·5	0	4	24	6	1	2	1	1	3	4	10	2
rbhani	0830	1,393	1009·4	962·8	..	86·7	68·2	55·9	15·2	38	..	2·5	..	..	0	4	24	6	0	3	0	2	0	16	1	2
	1730	,,	1002·5	957·4	..	100·5	69·7	46·0	10·8	17	..	4·0	..	..	0	4	19	11	0	4	0	2	0	6	0	7
amagundam . . .	0830	513	1009·6	992·2	..	87·6	73·4	65·5	21·6	49	..	2·5	..	4·4	0	0	28	1	3	0	9	10	4	0	1	2
	1730	,,	1003·3	986·4	..	101·6	74·4	56·4	16·7	25	..	4·4	..	2·8	0	0	24	2	3	2	10	3	3	0	1	6
izamabad	0830	1,250	1009·1	967·2	+0·3	86·6	69·8	58·4	17·3	42	0	3·2	+1·3	1·9	0	0	22	4	3	0	0	4	7	2	2	8
	1730	,,	1002·9	962·2	..	99·4	70·6	49·1	12·5	21	..	3·9	..	1·9	0	0	25	4	8	3	2	0	3	2	3	5
idar	0830	2,178	900·6	937·0	..	82·7	67·9	58·5	17·3	46	+1	3·4	+1·6	9·1	0	6	24	1	5	2	1	3	4	8	6	0
	1730	,,	896·9	932·3	..	93·4	69·7	54·1	15·1	28	..	5·2	..	8·5	0	4	25	2	3	9	6	1	2	2	4	1
lerabad, South ulbarga . . .	0830	1,503	1009·4	959·1	+0·8	84·1	67·3	56·4	16·0	41	−4	3·2	+1·8	6·9	0	2	28	6	5	4	3	0	4	6	2	0
	1730	,,	1002·5	953·8	..	98·0	69·2	48·4	12·6	20	..	4·5	..	9·3	0	4	26	5	3	9	5	2	4	1	1	0
aichur	0830	1,311	1009·5	965·5	+0·7	84·7	73·7	66·8	23·4	57	+6	3·3	+1·6	5·6	0	0	29	3	5	1	3	5	6	2	4	1
	1730	,,	1003·0	960·3	..	98·1	74·1	59·7	17·9	29	..	4·8	..	6·5	0	2	28	3	8	10	6	1	1	0	1	0
fahbubnagar . . .	0830	1,657	899·2	954·1	..	83·7	73·2	68·2	23·6	61	..	3·3	..	6·4	0	3	27	2	4	2	1	5	11	2	3	0
	1730	,,	895·8	949·4	..	94·6	73·7	63·0	19·8	37	..	5·2	..	7·1	0	4	26	2	4	8	3	5	6	1	1	0
lyderabad (Nizamiah) . .	0830	1,778	899·7	950·2	+1·0	84·1	71·4	64·8	21·1	54	0	3·6	+1·5	6·9	0	0	30	2	1	3	6	3	8	3	4	0
	1730	,,	896·4	945·6	..	96·2	70·3	54·5	14·8	26	..	4·5	..	7·3	0	2	28	3	2	10	9	4	0	0	2	0
derabad (Begumpet Aerodrome)	0230	1,787	897·0	947·3	..	81·2	69·9	63·9	20·4	57	..	3·3	..	6·9	0	2	27	2	3	2	12	6	1	0	3	1
	0530	,,	897·3	947·9	..	78·0	69·4	64·6	21·1	65	..	3·7	..	6·3	0	0	28	1	2	3	8	6	3	1	4	2
	0830	,,	899·9	950·1	..	83·8	72·0	65·6	22·0	56	..	3·4	..	7·4	0	2	26	1	3	1	4	6	8	3	2	2

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, miles per hour.	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	C
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	
Hyderabad, South—*contd.*																										
Hyderabad (Begumpet Aerodrome)—*contd.*	1130	1,787	900·1	949·3	..	93·4	72·8	61·8	19·2	36	..	3·1	..	7·3	0	2	26	3	3	4	5	3	5	3	2	
	1730	,,	896·3	945·2	..	95·6	70·9	56·3	15·8	28	..	4·6	..	8·9	0	3	26	4	4	10	8	2	0	0	1	
	2330	,,	898·1	948·3	..	84·1	69·8	61·7	19·0	49	..	3·2	..	6·6	0	0	28	1	2	3	17	2	1	0	2	
Hakimpet	0530	2,012	897·8	940·4	..	77·2	68·8	63·6	20·6	65	..	3·7	..	4·7	0	0	29	1	1	2	7	7	4	3	4	
	0830	,,	900·1	942·3	..	83·4	70·8	63·4	20·7	53	..	3·4	..	7·2	0	3	27	2	4	3	3	1	8	6	3	
	1130	,,	900·3	941·7	..	92·2	71·3	58·7	17·6	34	..	2·9	..	6·4	0	3	23	2	2	3	4	2	1	10	2	
	1730	,,	896·5	937·7	..	93·5	69·6	53·3	14·9	27	..	4·5	..	7·4	0	4	23	5	0	9	7	3	2	0	1	
Hanamkonda	0830	881	1010·6	980·2	+0·7	84·5	74·5	68·9	24·6	61	+3	2·3	−0·3	6·5	0	0	28	0	0	0	7	15	4	1	1	
	1730	,,	1003·8	974·6	..	99·3	72·6	55·2	15·3	25	..	2·9	..	2·8	0	0	30	5	1	4	11	7	1	0	1	
Bhadrachallam	0830	364	1010·5	998·0	..	83·6	76·5	73·2	28·0	71	..	3·6	..	4·9	0	0	28	0	0	1	7	6	11	3	0	
	1730	,,	1004·2	992·1	..	99·8	74·0	58·4	17·0	26	..	4·8	..	6·8	0	3	23	1	3	1	5	11	4	1	0	
Khammameth	0830	567	1010·2	997·6	..	84·1	78·6	76·1	30·9	77	..	3·1	..	3·5	0	0	29	0	0	5	15	6	3	0	0	
	1730	,,	1004·2	992·1	..	100·2	77·9	66·5	22·5	35	..	3·5	..	3·4	0	1	23	0	0	4	15	2	1	1	1	
Coastal Andhradesa																										
Nellore	0530	65	1007·9	1005·6	..	79·8	76·5	75·1	29·7	85	..	2·8	..	3·6	0	0	28	0	0	3	16	5	4	0	0	
	0830	,,	1010·0	1007·8	+0·5	87·1	77·8	73·6	28·3	64	−7	3·7	+0·7	4·0	0	0	27	0	0	0	4	21	1	1	0	
	1130	,,	1009·0	1006·8	..	96·2	78·1	69·4	24·6	43	..	2·6	..	4·0	0	0	29	0	0	7	12	5	4	1	0	
	1730	,,	1005·8	1003·6	..	89·5	78·6	73·7	28·4	60	..	4·2	..	6·7	0	0	30	0	0	20	9	1	0	0	0	
	2330	,,	1009·0	1006·8	..	83·0	77·9	75·9	30·3	79	..	2·4	..	3·7	0	0	22	0	0	7	11	4	0	0	0	
Ongole	0830	38	1010·0	1008·7	..	86·5	79·6	76·5	31·4	73	..	3·1	..	4·7	0	0	27	0	0	0	20	4	3	0	0	
	1730	,,	1005·5	1004·2	..	88·6	80·7	77·1	32·2	69	..	2·7	..	7·4	0	0	30	0	0	2	27	1	0	0	0	
Gannavaram	0530	88	1008·3	1005·5	..	79·5	76·9	75·8	30·0	89	..	3·0	..	2·1	0	0	15	1	2	5	2	3	1	1	0	
	0830	,,	1010·5	1007·5	..	86·6	79·5	76·5	31·2	72	..	4·6	..	6·9	0	2	25	0	0	3	5	14	4	1	0	
	1130	,,	1009·6	1006·7	..	95·1	79·8	73·6	27·7	50	..	3·5	..	7·0	0	4	26	0	0	2	4	15	6	2	1	
	1730	,,	1005·4	1002·6	..	94·1	78·3	72·0	25·9	50	..	3·3	..	12·5	0	16	14	0	0	1	12	15	1	1	0	
	2330	,,	1008·6	1006·0	..	82·5	77·7	75·5	30·3	80	..	2·2	..	5·6	0	1	28	0	1	1	11	14	1	0	1	
Masulipatam	0230	10	1007·8	1007·5	..	81·9	78·8	77·5	32·2	86	..	2·0	..	4·8	0	0	28	0	0	0	0	27	1	0	0	
	0530	,,	1008·4	1008·1	..	80·0	77·6	76·6	31·3	90	..	3·4	..	2·1	0	0	18	2	1	0	0	13	2	0	0	
	0830	,,	1010·3	1010·0	0	86·3	79·9	77·2	32·0	74	−2	4·6	+1·2	4·3	0	0	27	1	0	0	2	20	3	1	0	
	1130	,,	1009·8	1009·5	..	92·2	80·3	75·0	27·9	58	..	3·6	..	7·6	0	1	29	0	0	2	5	20	2	1	0	
	1730	,,	1006·2	1005·9	..	88·1	79·5	75·6	30·5	67	..	2·5	..	6·1	0	0	30	0	0	0	1	29	0	0	0	
	2330	,,	1009·0	1008·7	..	83·2	79·4	77·8	32·5	84	..	1·0	..	6·1	0	0	28	0	0	0	0	28	0	0	0	
Kakinada	0830	26	1010·7	1009·8	+0·5	87·6	80·7	77·7	32·7	73	0	4·0	−0·1	6·0	0	0	30	0	1	0	3	0	26	0	0	
	1730	,,	1006·2	1005·3	..	89·5	81·4	78·0	32·9	70	..	2·6	..	7·0	0	1	28	0	1	0	11	0	17	0	0	
Visakhapatnam	0230	11	1007·8	1007·4	..	81·5	78·8	77·2	32·4	87	..	3·2	..	4·6	0	0	19	0	0	0	0	1	8	10	0	
	0530	,,	1008·3	1007·9	..	80·3	77·7	76·8	31·3	90	..	3·7	..	2·3	0	0	11	0	0	0	0	1	8	2	0	
	0830	,,	1010·3	1009·9	+0·5	87·0	79·2	75·7	30·5	70	−2	4·0	+0·5	10·3	0	7	21	0	0	0	0	0	17	10	1	
	1130	,,	1009·4	1009·0	..	93·8	82·8	77·3	33·3	59	..	2·1	..	14·2	0	19	11	0	0	0	1	14	13	2	0	
	1730	,,	1006·3	1005·9	..	87·0	80·3	77·5	32·3	73	..	4·8	..	12·7	0	12	18	0	0	0	2	11	16	1	0	
	2330	,,	1009·1	1008·7	..	82·7	79·5	78·1	33·0	86	..	3·3	..	4·9	0	0	20	0	0	0	0	2	13	4	1	
Calingapatam	0830	19	1010·0	1009·3	+0·4	83·1	78·5	76·4	31·2	81	+9	4·7	+2·1	7·0	0	0	30	0	0	0	0	15	15	0	0	
	1730	,,	1006·2	1005·5	..	86·2	80·2	77·8	32·5	76	..	5·6	..	12·5	0	11	19	0	0	0	0	15	15	0	0	
Rentachintala	0830	348	1009·9	998·0	..	84·2	76·2	72·7	27·4	70	+13	3·4	−1·0	1·1	0	0	14	0	1	3	3	6	0	1	0	
	1730	,,	1004·1	992·6	..	99·7	75·1	60·6	18·6	30	..	3·9	..	2·9	0	0	22	1	0	14	1	5	0	1	0	
Rayalaseema																										
Arogyavaram	0830	2,299	901·0	933·5	..	78·6	70·1	65·7	21·7	65	..	4·6	..	3·7	0	0	26	3	0	2	6	11	0	1	3	
	1730	,,	897·6	929·3	..	88·3	68·7	56·0	16·0	37	..	5·8	..	4·3	0	0	28	3	6	10	5	2	1	1	0	
Cuddapah	0830	428	1010·0	995·5	+0·7	89·9	76·7	70·1	25·4	53	−2	2·8	+0·6	0·4	0	0	5	0	0	3	0	1	0	1	0	
	1730	,,	1003·9	989·7	..	99·1	78·8	68·6	24·3	39	..	3·8	..	1·8	0	0	20	1	0	17	2	0	0	0	0	
Bellary	0830	1,473	1009·4	960·0	+0·5	83·1	70·9	63·8	20·3	53	+3	3·2	+1·1	2·1	0	0	18	0	2	0	1	0	2	1	12	
	1730	,,	1002·3	954·8	..	96·6	71·6	54·2	15·2	26	..	4·8	..	2·2	0	0	22	1	4	1	8	2	2	0	4	
Kurnool	0830	923	1009·6	978·4	+0·6	85·7	73·1	66·1	22·1	53	+2	2·8	+0·9	4·7	0	3	15	1	0	2	1	1	6	6	1	
	1730	,,	1003·1	972·9	..	98·6	72·8	55·9	15·8	26	..	4·6	..	3·4	0	2	9	0	1	8	1	0	0	1	0	
Anantapur	0530	1,167	1007·6	968·7	..	79·3	70·1	64·6	21·0	61	..	4·9	..	3·7	0	1	17	0	1	2	4	1	3	7	0	
	0830	,,	1009·5	970·8	..	83·4	72·3	65·8	22·0	56	..	3·3	..	5·3	0	0	21	0	0	0	0	2	8	8	3	
	1130	,,	1008·3	970·2	..	91·8	72·9	61·6	19·1	38	..	2·9	..	4·3	0	0	24	0	2	2	5	0	6	6	3	
	1730	,,	1002·7	965·2	..	98·5	70·9	51·3	13·3	21	..	4·6	..	5·0	0	1	24	0	3	8	6	2	0	3	3	
	2330	,,	1007·2	968·9	..	86·2	69·7	58·6	17·4	40	..	4·6	..	6·1	0	2	21	0	2	9	7	1	2	0	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 %.	Departure from normal.	Cloud amount (Oktas).		Mean wind speed, miles per hour.	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
Ilnad																										
ayamcottai	0830	167	1010·3	1004·5	..	85·0	77·4	74·0	28·7	70	..	4·2	..	2·1	0	0	25	14	0	0	0	0	2	4	5	5
	1730	,,	1006·2	1000·5	..	88·0	80·4	77·1	31·9	71	..	4·3	..	5·5	0	0	30	1	5	6	5	9	0	4	0	0
mban	0830	37	1010·4	1009·1	+0·5	85·6	80·8	79·3	33·7	80	+4	3·8	+1·0	4·6	0	0	30	0	1	2	8	9	3	4	3	0
	1730	,,	1006·7	1005·5	..	87·0	81·1	79·6	33·6	77	..	3·2	..	6·5	0	1	29	0	4	0	6	14	4	1	1	0
athurai	0830	437	1010·0	995·4	+0·2	84·4	77·2	73·6	28·6	71	+3	4·6	+0·5	1·3	0	0	16	3	1	1	3	0	0	2	6	14
	1730	,,	1005·5	990·8	..	90·2	78·1	72·9	27·4	59	..	6·4	..	2·7	0	0	24	1	3	7	9	2	1	0	1	6
igapattinam	0830	31	1010·7	1009·5	+0·4	85·5	78·3	75·1	29·8	71	−2	4·7	+0·9	3·9	0	0	28	0	2	6	5	4	5	5	1	2
	1730	,,	1006·6	1005·5	..	86·5	79·0	75·7	30·4	71	..	4·5	..	10·8	0	6	22	0	0	13	14	0	0	0	1	2
ruchirapalli	0230	289	1008·4	998·4	..	80·5	76·6	74·7	29·5	83	..	4·2	..	4·0	0	0	19	3	0	3	3	3	0	1	2	11
	0530	,,	1008·7	998·6	..	78·9	75·8	74·5	29·1	86	..	4·2	..	2·6	0	0	16	1	2	1	4	2	0	1	4	14
	0830	,,	1010·5	1000·6	+0·1	83·0	77·6	75·0	29·9	77	+4	4·5	+1·5	4·8	0	2	22	2	1	4	0	0	2	5	10	6
	1130	,,	1009·7	999·9	..	80·8	79·1	74·0	29·1	60	..	4·5	..	4·1	0	0	22	1	3	1	3	0	1	7	6	8
	1730	,,	1005·3	995·6	..	93·1	79·1	72·8	27·6	53	..	5·4	..	7·3	0	2	27	0	3	10	8	3	0	1	2	1
	2330	,,	1009·7	999·7	..	82·2	76·9	74·4	29·2	78	..	4·9	..	5·7	0	2	18	1	0	3	12	3	0	1	0	10
imbatore	0830	1,341	1011·1	965·7	+1·0	79·3	73·5	70·4	25·6	74	−3	4·2	+1·1	7·6	0	0	30	0	10	10	0	1	5	4	0	0
	1730	,,	1005·6	961·1	..	87·4	73·7	65·9	22·2	51	..	6·0	..	9·3	0	1	29	0	9	10	0	0	6	5	0	0
imbatore (Peelamedu Aerodrome).	0530	1,307	1008·9	964·3	..	74·4	72·0	70·5	25·7	88	..	3·5	..	3·8	0	1	19	2	3	0	0	6	8	1	0	10
	0830	,,	1010·4	966·1	..	78·9	73·5	70·9	26·7	76	..	3·7	..	4·9	0	8	16	2	5	1	1	6	5	1	3	6
	1130	,,	1008·9	965·4	..	87·3	74·5	67·8	23·4	53	..	3·4	..	6·7	0	3	26	2	7	1	4	9	4	1	1	1
	1730	,,	1004·9 (b)	961·5 (b)	..	87·9	73·3	64·9	21·4	49	..	5·3	..	11·7	0	9	21	2	3	4	2	10	7	2	0	0
	2330	,,	1009·5	965·2	..	77·8	73·4	70·1	26·2	80	..	4·4	..	8·3	0	7	18	0	0	1	0	13	8	2	1	5
lem	0530	913	1008·2	977·0	..	77·7	73·6	71·4	26·5	81	..	3·5	..	1·5	0	0	17	0	9	2	3	0	3	0	0	13
	0830	,,	1010·3	979·3	+0·2	81·7	74·7	71·3	26·2	71	0	3·7	+1·0	2·5	0	0	21	0	10	1	1	0	9	0	0	9
	1130	,,	1009·2	978·6	..	88·6	75·9	69·6	24·8	54	..	3·0	..	2·4	0	0	25	0	4	4	2	3	7	3	2	5
	1730	,,	1004·7	974·3	..	90·3	75·3	67·2	23·1	49	..	5·6	..	2·9	0	0	20	0	1	11	3	4	0	1	0	10
	2330	,,	1009·2	978·2	..	82·1	74·1	70·0	25·2	68	..	4·5	..	3·3	0	0	21	0	11	4	4	2	0	0	0	9
allakurichi	0830	416	1010·2	996·0	..	83·6	76·1	72·7	27·2	70	..	3·1	..	1·1	0	0	11	0	0	5	5	0	0	0	1	19
	1730	,,	1005·0	991·8	..	92·6	75·2	65·7	21·7	44	..	4·8	..	3·2	0	1	22	1	1	12	8	0	1	0	0	7
uddalore	0530	39	1008·5	1007·2	..	79·4	76·4	75·3	29·7	88	..	3·3	..	1·1	0	0	12	1	0	3	4	1	3	0	0	18
	0830	,,	1010·6	1009·3	+0·4	85·2	77·9	74·7	29·3	71	−4	3·7	+0·3	1·9	0	0	16	0	0	0	3	4	9	0	0	14
	1130	,,	1010·1	1008·8	..	90·2	79·3	74·7	29·5	60	..	3·0	..	5·3	0	0	29	0	1	7	15	3	3	0	0	1
	1730	,,	1006·3	1005·0	..	86·6	79·4	76·2	30·0	72	..	4·3	..	4·7	0	0	30	0	0	6	24	0	0	0	0	0
	2330	,,	1009·7	1008·4	..	82·8	78·1	76·2	30·9	81	..	2·1	..	4·9	0	0	28	0	0	6	13	8	1	0	0	2
ellore	0530	703	1008·6	984·4	..	77·5	74·1	72·4	27·2	85	..	4·8	..	3·5	0	0	28	3	1	0	3	7	7	5	2	2
	0830	,,	1010·1	986·3	+0·5	83·5	75·8	71·9	26·9	68	−2	4·1	+1·9	1·5	0	0	17	2	0	1	1	2	4	4	3	13
	1130	,,	1008·9	985·3	..	92·0	76·7	69·1	24·3	48	..	4·5	..	4·8	0	0	30	2	2	0	4	8	4	3	7	0
	1730	,,	1005·2	981·8	..	92·6	74·8	65·1	21·4	42	..	4·7	..	6·2	0	0	30	0	6	4	4	12	2	0	2	0
	*2330	,,	1009·5	985·6	..	82·2	75·5	72·2	27·1	72	..	3·3	..	3·7	0	1	23	0	1	0	7	12	4	0	0	5
Madras	0230	51	1008·3	1006·5	..	81·8	78·4	77·1	31·7	85	..	3·8	..	4·3	0	0	22	0	0	0	2	12	6	1	1	8
	0530	,,	1008·6	1006·9	..	80·7	77·6	76·4	31·0	87	..	4·5	..	3·8	0	0	25	0	0	0	1	7	6	9	2	5
	0830	,,	1010·5	1008·8	+0·6	86·0	78·2	75·0	29·4	70	−1	4·8	+1·4	5·1	0	0	26	0	0	0	1	12	9	4	0	4
	1130	,,	1009·6	1007·9	..	93·0	79·3	73·3	27·9	53	..	5·0	..	6·3	0	2	27	0	0	5	7	10	5	2	0	1
	1730	,,	1006·5	1004·8	..	88·0	79·5	75·8	30·5	68	..	4·0	..	11·4	0	10	20	0	0	5	20	4	1	0	0	0
	2330	,,	1009·6	1007·9	..	83·4	79·1	77·4	32·2	82	..	3·0	..	5·5	0	0	28	0	0	2	13	11	2	0	0	2
Madras (Nungambakkam)	0830	21	1009·9	1009·2	..	86·8	78·2	74·4	29·0	67	..	4·6	..	3·9	0	0	25	0	0	0	3	7	13	1	1	5
Malabar and South Kanara																										
Mangalore	0230	72	1008·5	1005·9	..	82·2	76·8	74·2	29·0	77	..	4·0	..	3·4	0	0	23	8	4	4	1	0	0	0	6	7
	0530	,,	1009·0	1006·5	..	80·2	75·9	74·4	28·7	82	..	4·0	..	2·3	0	0	25	3	8	12	0	0	0	0	2	5
	0830	,,	1010·9	1008·4	+0·4	83·7	76·9	73·7	28·5	76	+5	4·2	+0·7	3·1	0	0	28	3	5	15	2	0	0	0	3	2
	1130	,,	1010·6	1008·1	..	87·5	78·4	74·3	29·2	65	..	3·4	..	5·6	0	0	29		1	2	0	0	3	9	12	1
	1730	,,	1006·9	1004·4	..	86·8	78·7	71·3	29·8	69	..	4·6	..	7·6	0	0	30	1	1	0	0	0	3	9	16	0
	2330	,,	1010·2	1007·7	..	83·7	77·4	74·6	29·3	74	..	3·4	..	3·9	0	0	24	6	5	3	0	0	1	2	7	6
Kozhikode	0530	27	1008·8	1007·9	..	79·4	76·4	75·0	29·7	87	..	4·3	..	1·7	0	0	16	2	7	6	0	0	0	0	1	14
	0830	,,	1010·5	1009·6	+0·2	83·5	77·8	75·2	29·9	77	0	4·6	+0·7	2·8	0	0	29	6	8	8	1	1	0	0	5	1
	1130	,,	1010·5	1009·6	..	89·7	80·5	76·7	31·4	66	..	4·4	..	6·1	0	0	30	0	0	0	0	0	6	15	9	0
	1730	,,	1006·9	1006·0	..	87·9	80·9	77·8	32·8	72	..	5·7	..	8·9	0	1	29	0	0	0	0	0	1	18	11	0
	*2330	,,	1010·1	1009·2	..	82·8	77·9	75·5	30·5	79	..	4·7	..	4·7	0	0	25	2	0	0	0	0	0	2	21	4
Palghat	0830	319	1010·8	999·9	..	82·3	77·5	75·4	30·0	80	..	4·1	..	5·1	0	0	29	0	0	7	1	0	2	19	0	1
	1730	,,	1006·1	995·3	..	88·9	78·6	73·8	28·7	64	..	4·4	..	9·6	0	5	25	1	0	3	1	0	6	14	5	0

* Observations for 29 days. (b) Mean of 29 days.

Table III—Summary of Observations at Fixed Hours—April 1953.

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, miles per hour.	Wind speed (m.p.h.).			No. of observations. Wind direction.								
			At mean sea or nearest s. 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
Mysore																										
Chitaldrug	0830	2,405	901·1	930·1	+0·5	76·2	69·5	65·9	22·0	71	+9	3·2	+0·8	2·9	0	0	27	0	0	1	1	0	6	18	1	3
	1730	,,	897·3	925·4	..	91·2	69·1	55·3	15·2	31	..	4·3	..	1·9	0	0	20	2	1	10	1	1	0	4	1	10
Shimoga	0830	1,872	899·9	947·7	..	77·0	71·5	68·7	24·1	76	..	3·8	..	1·2	0	0	17	0	0	0	1	6	7	2	1	13
	1730	,,	896·3	942·8	..	89·2	71·6	61·8	19·3	43	..	5·6	..	3·5	0	0	24	3	3	3	0	4	5	5	1	6
Hassan	0830	3,149	902·1	906·4	..	71·9	68·3	66·6	22·2	83	+12	4·1	+1·4	3·6	0	0	26	0	0	0	0	0	5	16	5	4
	1730	,,	898·4	902·6	..	84·1	70·4	62·1	19·8	52	..	5·8	..	5·7	0	1	26	2	1	8	2	2	3	8	1	3
Bangalore (Central Observatory)	0230	3,021	899·9	908·4	..	72·1	67·4	64·6	23·5	78	..	3·8	..	5·4	0	0	26	0	1	3	9	2	5	4	2	4
	0830	,,	902·0	910·5	+0·4	74·4	68·8	65·8	22·4	75	+6	4·8	+2·2	5·9	0	0	30	0	0	2	6	5	6	9	2	0
	1130	,,	901·8	910·1	..	84·4	69·8	60·7	19·0	47	..	3·9	..	5·4	0	0	28	1	0	4	3	3	4	8	5	2
	1730	,,	898·2	906·5	..	84·7	66·9	54·9	15·3	40	..	5·9	..	7·4	0	2	25	0	5	13	7	1	1	0	0	3
Bangalore (Aerodrome)	0530	2,942	900·4	911·4	..	70·5	68·3	67·0	22·8	90	..	4·5	..	3·0	0	0	25	2	0	1	3	3	4	10	2	5
	0830	,,	902·1	913·2	..	75·3	70·5	68·1	23·5	78	..	4·7	..	5·0	0	0	28	1	0	2	0	6	3	13	3	2
	1130	,,	901·6	912·7	..	84·6	72·1	65·4	21·9	55	..	4·1	..	5·1	0	0	28	2	1	7	1	4	4	5	4	2
	1730	,,	898·4	909·1	..	85·8	69·8	59·9	18·3	46	..	6·0	..	6·2	0	3	25	1	2	11	7	4	0	1	2	2
	2330	,,	901·5	912·5	..	75·5	69·0	65·4	21·6	74	..	4·9	..	4·5	0	1	25	1	0	6	4	9	2	3	1	4
Mysore	0830	2,518	901·3	926·5	0	74·5	70·2	68·1	22·4	80	+8	4·3	+0·9	4·0	0	0	30	1	2	1	1	1	4	16	4	0
	1730	,,	898·0	922·5	..	87·8	74·0	67·0	23·2	54	..	6·2	..	7·0	0	3	27	2	5	12	2	1	2	5	1	0
Balehonnur	0830	,,	..	..	..	70·2	67·9	66·7	22·4	89	+3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Travancore-Cochin																										
Fort Cochin	0830	10	1010·9	1010·6	+0·4	83·6	77·6	74·8	29·6	75	0	6·2	+2·4	3·9	0	0	29	1	10	12	2	0	0	1	3	1
	1730	,,	1007·4	1007·1	..	86·0	79·4	76·6	31·3	74	..	6·7	..	11·5	0	13	17	0	0	0	1	0	3	16	10	0
Cochin (Willingdon Island Aerodrome).	0230	6	..	..	..	..	..	..	..	..	..	..	..	..	0	..	..	..	..	..	..	..	..	..	..	..
	0530	,,	1009·1	1008·9	..	78·2	75·7	74·6	29·2	89	..	5·6	..	1·4	0	0	11	1	4	4	0	1	1	0	0	19
	0830	,,	1010·9	1010·7	..	82·8	77·3	74·7	29·5	77	..	5·2	..	3·5	0	0	24	4	9	6	1	1	1	0	2	6
	1130	,,	1010·5	1010·3	..	87·5	78·6	75·5	29·4	68	..	5·1	..	5·5	0	1	28	3	0	1	0	0	4	11	10	1
	1730	,,	1007·1	1006·9	..	85·9	78·7	75·7	30·3	72	..	5·3	..	9·2	0	4	26	1	0	1	0	0	2	19	7	0
	2330	,,	1010·5	1010·4	..	80·5	76·8	75·0	29·9	84	..	5·2	..	3·5	0	1	17	2	4	4	2	1	0	3	2	12
Alleppey	0830	12	1010·7	1010·3	..	84·5	79·3	77·0	31·8	79	..	5·6	..	7·5	0	2	28	2	10	9	2	1	1	1	4	0
	1730	,,	1007·1	1006·7	..	87·3	80·6	77·8	32·7	73	..	6·0	..	17·5	0	28	2	0	0	0	0	0	2	16	12	0
Trivandrum	0230	211	1008·8	1001·4	..	78·4	75·8	74·5	29·3	88	..	3·7	..	2·8	0	0	28	7	6	8	1	0	0	0	6	2
	0530	,,	1008·9	1001·6	..	77·3	75·3	74·4	29·0	90	..	3·3	..	2.8	0	0	29	6	9	3	2	0	0	1	8	1
	0830	,,	1010·7	1003·5	+0·5	81·7	76·9	74·8	29·5	80	+1	4·8	+0·9	3·5	0	0	30	0	9	0	3	0	1	0	17	0
	1130	,,	1010·3	1003·1	..	88·1	78·1	73·6	28·3	62	..	5·5	..	5·4	0	0	30	0	1	0	1	0	11	2	15	0
	1730	,,	1007·5	1000·3	..	84·2	77·5	74·4	29·2	73	..	6·5	..	5·5	0	1	29	1	3	1	3	3	9	2	8	0
	2330	,,	1010·6	1003·5	..	79·9	76·6	75·0	29·8	86	..	3·6	..	3·3	0	0	29	8	7	3	3	0	1	0	7	1
Hill Stations excluding Kashmir																										
Kohima	0830	4,614	902·9	862·0	..	69·7	59·1	50·6	12·9	54	..	3·9	..	4·3	0	0	30	8	1	0	4	1	4	1	11	0
	1730	,,	899·4	858·5	..	67·8	58·2	49·6	12·8	57	..	2·9	..	2·7	0	0	28	3	0	1	4	1	4	7	8	2
Aijal	0830	3,599	899·2	889·5	..	72·8	62·9	56·3	15·5	59	..	2·2	..	3·7	0	0	27	1	1	7	2	4	10	2	0	3
	1730	,,	895·8	886·2	..	74·9	64·2	56·9	16·4	56	..	3·9	..	4·1	0	0	29	0	0	1	0	1	18	7	2	1
Shillong	0830	4,921	900·0	850·1	+0·5	70·3	57·7	46·2	11·3	45	−9	2·4	−0·8	3·4	0	0	23	0	0	0	1	3	18	1	0	7
	1730	,,	897·4	847·4	..	68·0	58·5	50·5	12·9	57	..	3·1	..	3·1	0	0	18	0	0	0	0	4	13	1	0	12
Cherrapunji	0830	4,309	901·0	869·1	+0·3	66·9	62·0	58·8	16·8	79	+5	5·2	+0·4	4·3	0	1	29	0	4	5	8	3	7	3	0	0
	1730	,,	897·8	866·1	..	68·3	62·8	58·6	17·3	74	..	5·1	..	5·6	0	1	29	0	1	1	0	3	16	6	3	0
Darjiling	0830	7,432	808·8	776·5	+0·5	59·0	53·0	47·9	11·6	69	−3	3·6	−0·3	5·7	0	0	30	0	1	9	6	0	3	10	1	0
	1730	,,	798·2	773·8	..	55·7	51·7	48·3	11·6	78	..	5·1	..	11·2	0	9	21	0	0	1	1	0	8	19	1	0
Darjiling (Raj Bhawan)	0830	6,980	803·7	792·1	..	60·7	54·6	49·2	12·4	70	..	3·4	..	1·3	0	0	19	2	2	0	0	0	6	4	5	11
	1730	,,	800·7	789·0	..	59·8	54·2	49·1	12·4	71	..	5·0	..	2·3	0	0	25	0	0	0	0	1	14	7	3	5
Kalimpong	0830	3,965	897·3	775·9	−2·9	64·1	59·6	57·0	15·6	77	+12	1·6	−0·9	1·8	0	0	18	0	0	0	0	0	0	0	18	12
	1730	,,	894·1	872·7	..	69·4	64·1	61·6	18·1	76	..	3·4	..	1·6	0	0	22	0	0	0	22	0	0	0	0	8
Katmandu	0830	4,388	901·5	867·3	..	68·2	57·8	49·1	12·0	52	−3	1·8	+0·5	0·6	0	0	8	0	1	5	2	0	0	0	0	22
	1730	,,	897·8	864·2	..	75·0	58·0	47·3	9·6	40	..	5·0	..	1·5	0	0	18	2	0	0	2	6	4	1	3	12
Muktesvar (Kumaon)	0830	7,592	802·6	773·8	+1.2	59·0	45·6	29·7	5·7	36	−1	2·4	+0·2	5·5	0	2	25	0	3	2	2	0	4	10	6	3
	1730	,,	800·3	771·9	..	65·6	49·0	30·3	5·9	29	..	3·6	..	13·4	0	13	17	0	0	1	0	0	5	16	8	0
Nainital	0830	6,409	800·4	805·0	..	64·0	50·5	35·6	6·5	37	..	1·7	..	3·9	0	0	26	4	3	9	2	1	0	3	4	4
	1730	,,	798·7	803·7	..	68·1	51·8	35·5	5·9	32	..	2·3	..	4·1	0	0	30	5	4	2	3	0	3	11	2	0
Lokpal	0830	—	(Closed during winter months)																							
Mussoorie	0830	6,699	800·8	797·2	−0.2	61·1	48·9	35.6	6·3	39	−5	2·5	+0·2	2.1	0	1	15	5	5	0	1	3	1	0	1	14
	1730	,,	799·4	795·8	..	66.8	47·8	35.4	3·0	33	..	3.6	..	2.8	0	0	29	1	7	2	7	3	7	2	0	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).		Mean wind speed, miles per hour.	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
tations excluding mir—*contd.*																										
a	0830	7,224	800·9	782·4	+1·0	61·7	46·5	28·2	5·4	32	−1	3·2	+0·5	1·2	0	0	14	2	1	0	3	6	1	1	0	16
	1730	,,	799·7	782·0	..	64·8	49·0	31·9	6·2	32	..	3·7	..	1·9	0	0	28	0	1	1	2	9	7	4	4	2
ıousie	0830	6,426	794·9	799·2	..	59·6	54·1	47·2	12·3	68	..	2·6	..	3·7	0	4	7	0	9	1	1	0	0	0	0	19
	1730	,,	794·9	799·0	..	64·2	57·1	51·0	13·8	67	..	4·6	..	4·3	0	3	10	0	9	1	0	0	2	1	0	17
ramshala	0830	3,975	903·8	882·3	..	71·8	55·1	41·7	8·2	35	..	3·1	..	2·2	0	0	17	7	4	1	0	2	1	1	1	13
	1730	,,	902·1	880·9	..	78·6	56·9	38·4	7·0	25	..	3·3	..	6·7	0	1	27	0	0	2	3	1	12	8	2	2
ımarhi	0830	3,528	902·1	894·6	+0·7	80·1	60·0	42·2	9·6	28	−1	1·9	+0·1	1·9	0	0	19	3	2	3	0	2	1	3	5	11
	1730	,,	898·7	891·5	..	90·7	62·5	36·9	7·9	16	..	3·8	..	2·7	0	0	28	6	4	0	1	0	2	7	8	2
	0830	3,921	901·6	882·0	+0·9	76·6	55·5	31·9	6·6	22	−6	1·2	0	3·1	0	0	23	3	2	1	0	2	5	8	2	7
	1730	,,	899·2	879·9	..	83·4	58·0	30·2	6·2	17	..	2·3	..	2·8	0	0	28	8	3	0	0	3	5	6	3	2
abaleshwar	0830	4,534	902·3	864·0	+0·2	72·6	60·1	50·2	12·7	47	+11	3·2	+1·5	7·7	0	2	28	10	12	5	2	0	0	1	0	0
	1730	,,	899·3	861·3	..	75·0	67·0	62·4	19·3	66	..	5·2	..	5·0	0	0	30	3	0	1	2	0	2	2	20	0
li Hills*	0830																									
ara	0830	3,781	902·3	886·9	+0·8	69·1	65·8	64·1	20·1	84	+7	4·0	+0·3	2·3	0	0	21	0	2	3	0	0	0	8	8	9
	1730	,,	898·7	883·4	..	75·6	67·8	63·1	20·5	68	..	4·9	..	3·7	0	0	26	0	3	4	0	0	0	9	10	4
aikanal	0830	7,688	803·0	772·6	+0·8	58·7	53·4	49·1	12·0	73	+15	4·6	+2·0	5·9	0	2	28	5	14	2	6	0	0	0	3	0
	1130	,,	803·7	772·8	..	64·3	57·4	52·3	13·6	67	..	5·9	..	6·2	0	5	23	3	12	1	7	2	0	0	3	2
	1730	,,	801·7	770·6	..	60·0	56·9	54·9	14·7	84	..	7·2	..	4·5	0	2	25	8	7	1	6	1	0	0	4	3
camund	0830	7,378	803·3	780·6	+0·3	60·8	54·4	49·4	11·9	69	+12	3·6	+0·6	2·6	0	0	18	2	9	7	0	0	0	0	0	12
	1730	,,	801·1	778·5	..	61·6	57·5	54·2	14·5	77	..	5·9	..	1·9	0	0	16	0	5	10	0	0	0	0	1	14
ıoor	0830	..	..	..	..	66·0	60·1	56·4	15·6	72	+9	1·4	−2·4	2·0	0	0	24	7	2	0	5	6	2	1	1	6
a ien	0830	..	..	..	..	49·6	47·3	44·9	10·1	85	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
ng (Chumbi)	0830	..	..	..	..	52·8	51·2	49·4	12·4	90	+8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
a	0830	12,090	629·7	654·9	..	49·7	49·1	48·4	11·8	98	..	1·6	..	0	0	0	0	0	0	0	0	0	0	0	0	30
ıtse	0830	13,110	624·9	625·6	..	46·2	33·7	11·1	2·7	26	−18	1·5	−0·4	0·2	0	0	3	0	0	0	2	0	0	0	1	27
s mbo	0830	24	1011·0	1010·2	+0·4	79·9	76·6	75·1	29·8	86	−1	5·4	+0·5	3·0	0	0	23	0	0	6	9	4	2	1	1	7
	1730	,,	1007·9	1007·0	..	82·7	77·7	75·3	30·2	79	..	6·4	..	6·1	0	1	28	0	0	2	2	3	12	10	0	1
omalee	0830	,,	1010·8	1010·0	+1·3	82·2	77·4	75·3	29·9	80	−2	4·8	+1·7	4·3	0	0	27	1	1	1	0	4	18	2	0	3
	1730	,,	1007·4	1006·6	..	83·3	78·0	76·2	30·3	78	..	7·0	..	9·2	0	3	26	2	1	11	9	1	2	2	1	1
coloa	0830	20	1010·6	1010·3	..	80·6	77·3	76·0	30·5	86	..	4·0	..	3·5	0	0	25	2	0	1	2	1	6	8	5	5
	1730	,,	1007·6	1007·3	..	84·2	78·9	76·6	31·3	78	..	6·0	..	9·0	0	5	25	0	4	10	12	3	0	0	1	0
ibantota	0830	50	1011·0	1009·2	+1·1	82·1	77·6	75·6	30·3	81	−5	4·2	+0·7	5·7	0	2	24	2	2	1	0	0	7	7	7	4
	1730	,,	1007·9	1006·1	..	83·4	78·1	75·9	30·4	78	..	5·9	..	12·6	0	17	12	1	0	2	3	3	17	2	1	1
nar	0830	12	1010·6	1010·1	..	83·1	79·3	78·5	33·2	86	..	4·9	..	6·0	0	0	30	2	1	1	6	16	3	1	0	0
	1730	,,	1007·1	1006·7	..	86·0	80·3	78·0	32·8	77	..	7·1	..	6·6	0	2	28	2	1	1	5	5	13	2	1	0
OMETEOROLOGICAL ERVATORIES																										
odar Catchment																										
ıro	0530	784	1006·7	979·7	..	71·8	60·7	50·9	13·2	49	..	2·5	..	2·5	0	0	21	6	0	0	2	1	1	2	9	9
	0830	,,	1008·2	981·6	..	84·8	65·5	49·5	12·7	33	..	2·0	..	2·9	0	0	19	0	0	1	4	1	6	6	1	11
	1130	,,	1006·5	980·6	..	97·6	67·1	37·8	8·9	17	..	2·7	..	7·3	0	3	26	0	0	1	5	3	9	8	3	1
	1730	,,	1002·7	976·8	..	95·9	66·6	36·1	9·0	19	..	3·2	..	8·3	0	4	25	2	0	1	3	0	3	6	14	1
	2330	,,	1006·2	979·5	..	79·8	63·8	50·4	13·1	39	..	1·3	..	2·3	0	2	14	1	0	0	3	0	0	2	10	14
aribagh	0530	2,019	895·9	938·5	..	72·9	59·1	47·7	11·5	43	..	2·4	..	2·7	0	0	25	0	0	1	1	3	5	13	2	5
	0830	,,	898·8	940·5	..	86·1	64·6	48·0	12·1	30	..	1·6	..	8·1	0	3	27	1	1	0	2	3	6	10	7	0
	1130	,,	898·8	939·7	..	94·0	66·5	43·4	11·0	20	..	2·2	..	8·2	0	4	26	0	0	1	2	0	6	16	5	0
	1730	,,	895·6	936·6	..	91·1	65·5	44·9	11·1	23	..	2·5	..	7·1	0	0	30	4	1	2	1	0	3	7	12	0
	2330	,,	896·5	938·7	..	77·6	61·4	48·5	12·1	38	..	0·9	..	3·1	0	1	20	1	1	1	2	2	3	5	6	9
i	0830	..	..	..	..	90·3	65·6	43·6	10·4	22	..	..	..	5·3	0	0	29	0	2	1	0	1	8	15	2	1
	1730	..	..	..	..	94·0	66·4	41·0	9·7	19	..	..	..	6·4	0	1	29	2	1	3	1	0	1	6	16	0
agarh	0830	..	..	..	..	87·0	65·6	47·5	11·9	28	..	..	..	3·1	0	0	25	1	0	1	2	3	3	6	9	5
	1730	..	..	..	..	95·2	67·4	42·0	10·4	21	..	..	..	3·2	0	0	26	2	2	2	1	0	1	4	14	4
nbad	0530	839	1006·2	977·5	..	76·4	62·7	50·5	13·3	43	..	1·2	..	3·7	0	1	28	1	2	3	1	2	6	9	5	1
	0830	,,	1007·7	979·5	..	88·3	66·4	46·6	12·2	29	..	1·2	..	6·0	0	1	29	0	1	1	2	1	9	13	3	0
	1130	,,	1006·3	978·6	..	98·1	67·8	38·6	9·5	17	..	1·7	..	6·6	0	2	28	1	1	3	0	2	10	8	5	0
	1730	,,	1002·6	974·9	..	96·3	67·5	41·6	9·9	19	..	2·3	..	6·8	0	0	29	5	1	3	1	1	5	7	6	1
	2330	,,	1005·7	977·4	..	84·0	63·4	49·0	13·0	33	..	0·3	..	5·7	0	3	26	1	3	5	1	2	6	5	6	1

*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, miles per hour.	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.*																										
Mahanadi Catchment																										
Baramul	0830	210	1009·2	1002·1	..	88·9	75·3	68·2	23·8	52	..	..	..	1·8	0	0	24	0	5	4	4	3	7	0	1	6
	1730	,,	1004·2	997·0	..	94·3	72·9	59·4	17·9	35	..	..	..	1·9	0	0	18	2	1	0	0	3	8	2	2	12
Hirakud	0830	522	1012·2	994·6	..	90·1	73·7	62·4	20·9	44	..	..	..	1·2	0	0	16	0	1	0	0	0	13	0	2	14
	1730	,,	1006·5	989·3	..	100·3	74·6	59·5	17·5	28	..	..	..	0·8	0	0	12	0	0	0	0	0	3	1	8	18
Barkachhar	0830	..	..	..	..	85·0	71·5	63·1	20·2	50	..	2·4	..	7·2	0	3	27	2	1	1	1	6	13	5	1	0
	1730	..	..	..	..	98·6	74·7	59·1	18·4	31	..	2·9	..	5·7	0	0	30	4	2	0	2	4	5	5	8	0
Sonepur	0830	..	..	..	..	89·6	74·2	65·9	21·8	47	..	..	..	2·6	0	0	24	1	3	4	3	3	4	5	1	6
Ginabahar	0830	..	..	..	..	86·4	67·3	53·6	14·2	33	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Jonk	0830	..	..	..	..	89·6	69·5	54·9	15·6	35	..	3·8	..	6·3	0	5	17	0	1	1	0	1	6	10	3	8
	1730	..	..	.	..	99·8	72·2	52·4	14·6	24	..	3·5	..	3·8	0	2	19	4	1	1	0	1	0	11	3	9
Ganga Catchment																										
Tapoban(R)	0830																									
Badrinath	0830									(Closed during winter months)																
Narbada Catchment																										
Punasa	0830	..	..	..	..	86·6	65·3	47·7	11·7	27	..	1·6	..	2·3	0	0	17	1	1	0	0	2	8	4	1	13
	1730	..	..	..	..	103·2	71·0	47·1	11·3	16	..	2·6	..	3·1	0	0	21	2	2	2	0	1	8	5	1	9
Bagra Tawa	0830	..	..	..	..	87·9	64·5	43·1	10·1	24	..	1·7	..	3·9	0	0	30	3	4	1	1	5	13	2	1	0
	1730	..	..	..	..	101·6	68·1	38·0	8·4	13	..	2·8	..	3·9	0	0	30	4	5	0	1	1	5	4	10	0
Thikri	0830	..	..	..	..	88·2	71·1	58·5	18·3	41	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Tapti Catchment																										
Nandurbar	0830	..	..	..	..	83·5	71·5	64·3	20·9	54	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Sabarmati Catchment																										
Jhadol	0830	..	..	..	..	79·8	65·5	55·3	15·0	43	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Dharoi*	0830																									

(R) Register not received.

*Data not reliable.

RADIOSONDE DATA
MEAN DYNAMIC HEIGHT, TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACES
(From Ascents at 15 hrs. G. M. T.)
APRIL 1953

	ALLAHABAD (Sur. Pr. 994 mb.)						CALCUTTA (1005 mb.)						JODHPUR (982 mb.)					
	No. of Obs.	Ht. Gpm.	Temperature °A.				No. of Obs.	Ht. Gpm.	Temperature °A.				No. of Obs.	Ht. Gpm.	Temperature °A.			
			Mean	Max.	Min.	Dew Point			Mean	Max.	Min.	Dew Point			Mean	Max.	Min.	Dew Point
ace	30	096	304·9	309	297	286·4	29	005	302·0	305	296	296·5	30	218	305·8	310	299	279·1
000	30	044	..	..	..	..	29	059	..	..	..	..	30	054	..	..	..	..
900	30	991	302·2	307	293	279·1	28	999	299·6	304	295	284·5	30	996	301·6	306	297	272·0
850	30	1494	297·5	302	290	277·6	28	1489	296·6	300	293	280·7	30	1499	296·9	301	293	270·1
800	30	2022	292·4	297	286	276·4	28	2017	292·3	296	288	278·4	30	2023	292·0	297	288	269·5
700	30	3150	282·3	289	277	272·0	28	3147	283·1	287	277	274·4	30	3147	281·9	287	277	264·0
600	30	4407	272·2	277	268	264·6	28	4409	273·9	278	265	268·0	30	4399	271·5	276	265	264·8
500	29	5835	262·2	268	259	..	28	5848	265·4	271	259	..	30	5824	261·7	269	255	..
400	29	7516	251·3	256	245	..	26	7555	255·8	265	244	..	30	7499	250·0	255	245	..
300	28	9581	238·1	249	230	..	24	9651	243·2	259	237	..	27	9556	237·3	243	229	..
250	27	10835	229·9	238	223	..	23	10929	234·5	243	225	..	26	10802	229·6	237	217	..
200	24	12312	222·2	229	211	..	21	12438	226·2	236	214	..	26	12276	221·9	228	207	..
175	21	13177	219·3	228	205	..	13	13322	221·9	230	211	..	12	13137	218·6	226	210	..
150	16	14201	217·4	224	204	..	6	14237	215·0	225	203	..	8	14144	214·1	222	205	..
125	9	15293	214·2	223	203	..	..	..	..	..	..	..	6	15318	211·0	218	208	..
100	..	..	..	..	..	..	..	..	..	..	..	..	6	16700	207·2	213	205	..
80																		

	MADRAS (1007 mb.)						NAGPUR (971 mb.)						NEW DELHI (982 mb.)					
ace	30	015	302·4	303	301	297·9	26	307	305·3	309	301	281·8	29	206	302·4	308	297	281·0
000	30	074	..	..	..	..	25	038	..	..	..	..	27	047	..	..	..	..
900	30	1007	297·6	301	292	288·5	25	985	304·0	308	297	279·6	27	988	301·5	308	297	275·2
850	30	1506	294·8	298	291	283·9	25	1491	300·0	304	294	277·0	27	1490	297·2	304	292	273·7
800	30	2031	291·0	295	279	280·2	25	2020	295·0	302	291	274·0	27	2018	292·1	299	282	271·4
700	30	3160	283·9	288	280	272·7	23	3151	285·0	293	281	271·4	27	3145	283·0	287	276	268·1
600	28	4428	275·1	278	273	267·5	21	4414	273·3	279	269	265·0	27	4403	272·7	277	264	262·1
500	28	5861	266·9	271	263	..	18	5854	263·8	268	260	..	27	5832	262·9	270	254	..
400	25	7590	256·7	261	253	..	16	7550	254·3	262	250	..	27	7508	251·2	254	243	..
300	21	9706	244·0	249	238	..	10	9617	238·0	244	232	..	24	9562	236·9	244	231	..
250	16	10979	234·7	239	231	..	5	10878	230·0	234	226	..	21	10809	229·5	237	221	..
200	6	12493	224·0	227	221	..							21	12289	222·6	233	215	..
175													15	13157	219·4	229	213	..
150													8	14140	217·5	224	215	..
125													5	15244	217·0	229	209	..
100																		
80																		

RADIOSONDE DATA
MEAN DYNAMIC HEIGHT, TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACES
(From Ascents at 15 hrs. G. M. T.)
APRIL 1953

	POONA (Sur. Pr. 947 mb.)						PORT BLAIR (1001 mb.)						TRIVANDRUM (1002 mb.)					
	No. of Obs.	Ht. Gpm.	Temperature °A.				No. of Obs.	Ht. Gpm.	Temperature °A				No. of Obs.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point			Mean	Max.	Min.	Dew Point			Mean	Max.	Min.	Dew Point
Surface	30	557	301·6	305	294	291·7	29	081	300·9	302	299	296·7	30	063	300·7	303	298	296·8
1000	30	071	..	..	..	..	28	089	..	..	..	..	30	083	..	..	..	..
900	30	1004	299·0	303	292	287·9	28	1016	295·0	298	291	291·0	30	1011	294·8	298	293	291·4
850	30	1504	296·8	299	291	284·4	28	1511	292·6	296	289	287·6	30	1504	292·1	294	289	288·9
800	29	2033	293·4	297	289	280·1	28	2033	289·6	294	286	283·1	30	2027	288·8	292	285	285·4
700	29	3167	284·7	288	282	274·9	28	3160	284·2	288	278	273·4	29	3152	283·1	286	280	277·6
600	29	4432	274·0	277	267	269·1	26	4431	277·1	283	273	266·7	28	4421	275·8	280	273	269·5
500	28	5877	265·9	269	263	..	23	5890	268·6	276	265	..	27	5875	267·8	271	263	..
400	25	7588	256·3	261	251	..	22	7618	258·3	266	253	..	26	7593	257·4	260	254	..
300	22	9725	241·9	245	239	..	18	9721	243·9	247	240	..	23	9707	243·5	247	240	..
250	21	10963	233·2	236	228	..	16	11003	234·6	240	231	..	20	10983	234·2	240	229	..
200	12	12455	223·6	228	221	..	15	12494	223·7	232	217	..	17	12483	223·6	227	218	..
175	11	13303	217·5	220	215	..	12	13354	217·1	228	211	..	9	13353	217·7	219	217	..
150	10	14291	209·6	213	205	..	12	14326	209·9	223	205	..	7	14340	210·1	215	208	..
125	..	..	..	..	..	..							5	15428	205·0	208	202	..
100													5	16784	199·4	202	196	..
80																		

	VERAVAL (1008 mb.)						VISAKHAPATNAM (1003 mb.)					
Surface	30	008	299·4	301	298	296·4	30	048	301·7	303	298	298·1
1000	30	079	..	..	..	..	30	070	..	..	..	..
900	30	1010	299·3	304	292	278·3	30	1004	298·3	301	296	286·2
850	30	1510	296·3	301	291	277·1	30	1503	295·3	299	289	283·5
800	30	2038	292·1	297	285	276·4	30	2030	291·4	295	285	279·7
700	30	3167	283·0	288	277	273·0	30	3162	284.2	289	279	273·2
600	30	4429	273·7	280	268	266·6	30	4425	275·5	280	271	262·5
500	30	5872	265·5	271	258	..	28	5883	266·9	272	261	..
400	30	7575	255·2	262	248	..	21	7596	257·3	262	253	..
300	25	9665	240·3	250	231	..	15	9690	243·5	249	238	..
250	21	10911	229·5	239	222	..	11	10958	234·8	239	231	..
200	18	12415	222·3	230	217	..	8	12469	225·7	232	219	
175	13	13301	218·3	227	210	..						
150	10	14280	213·9	224	207	..						
125												
100												
80												

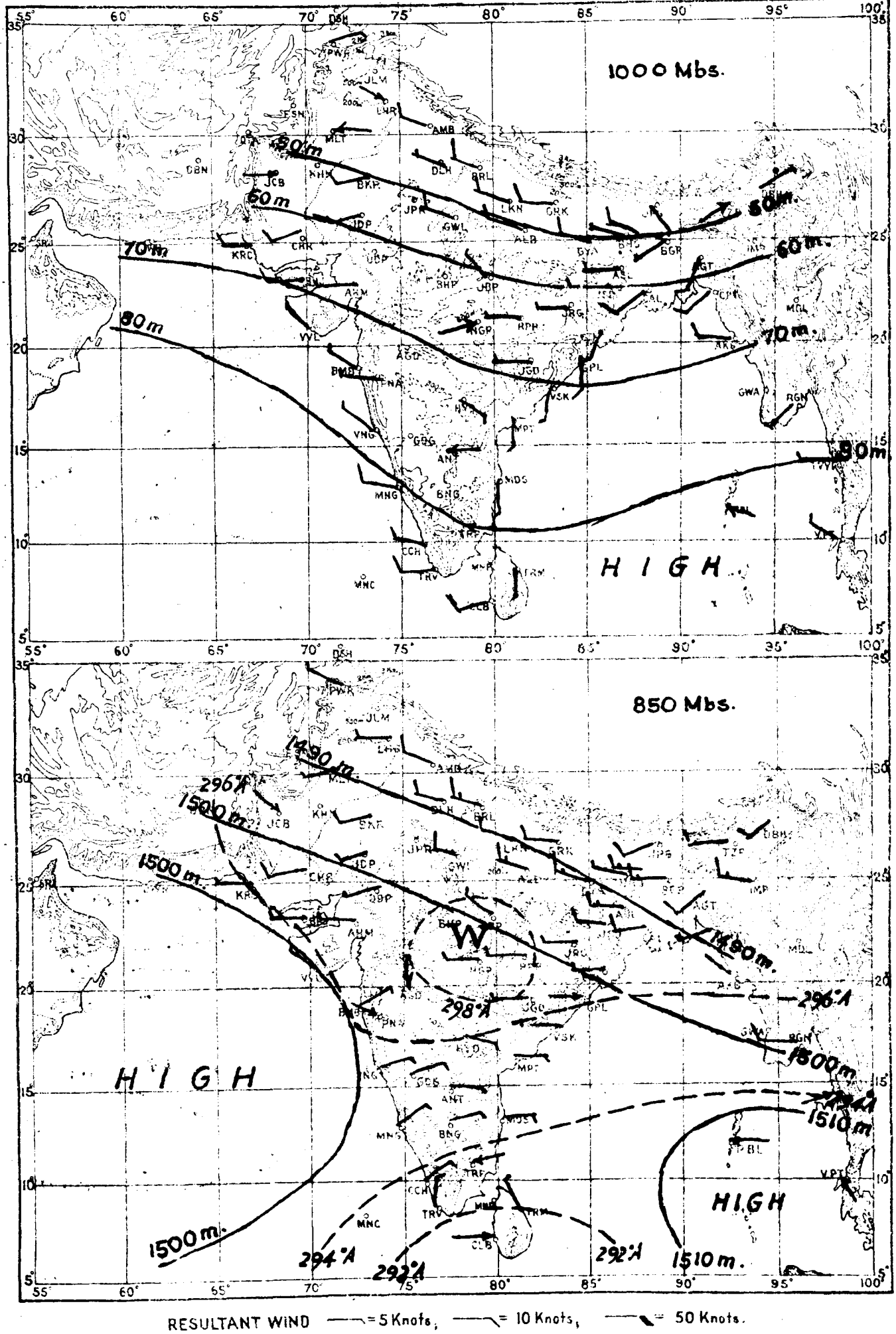
NOTE.—Number of observations refer to those of dynamic height.
Means are not worked out for temperature and dew point for the 1000 mb. surface and for dew point for standard pressure surfaces with temperatures less than 273°A. Means are not worked out for less than five observations at standard pressure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

GIPN—S1—1DDG Obs. Poona—10-9-54—260.

MONTHLY MEAN CONSTANT PRESSURE CHARTS.

APRIL 1953

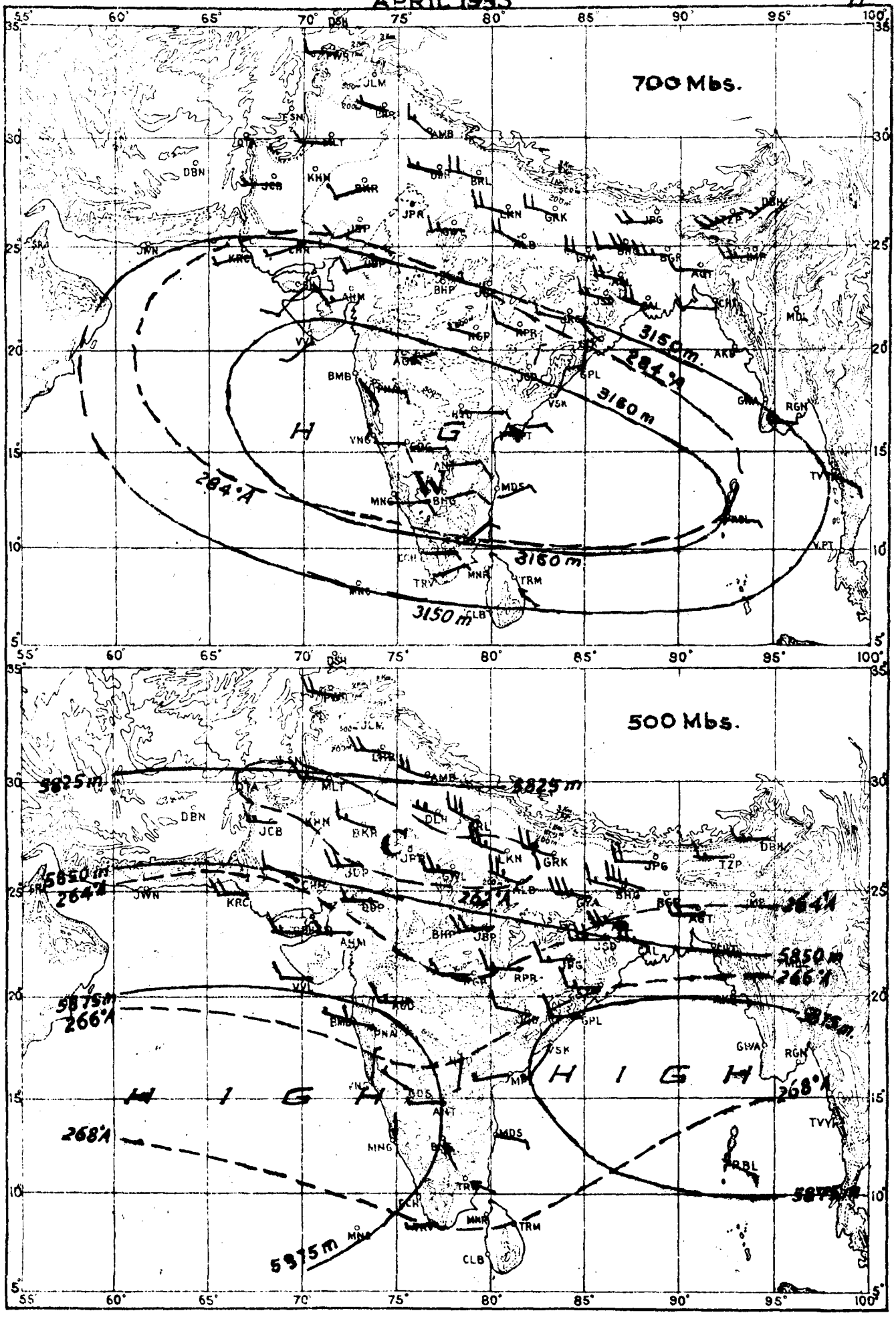
Plate I



MONTHLY MEAN CONSTANT PRESSURE CHARTS.

Plate II

APRIL 1953



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INDIA WEATHER REVIEW, 1953

Monthly Weather Report

May

Published by authority of the Government of India

The Chief features of the month were : (1) ten western disturbances across north India, (2) thunderstorm activity in northeast India during many days of the month and (3) advance of the Southwest monsoon in the Andaman Sea and southeast Bay of Bengal during the second half of the month.

Of the ten western disturbances which moved across north India during the month, the first and the second together caused local or fairly widespread thundershowers in the Kumaon hills on the 6th, 8th and 9th and in the Punjab hills on the 9th. The fourth disturbance gave local or fairly widespread showers in the Punjab-Kumaon hills on the 14th, while in association with the fifth there were local thundershowers in and near the hills of the Punjab and west Uttar Pradesh between the 16th and 18th and in west Rajasthan on the 16th and 17th. The sixth western disturbance was accompanied by a secondary, and caused local thundershowers in the Punjab hills, west Rajasthan and Jammu and Kashmir between the 20th and 22nd. The ninth was again responsible for fairly widespread thundershowers in the Punjab hills on the 27th and local thundershowers in Jammu and Kashmir on the 27th and 28th.

The details about the movement and activity of each of the above western disturbances are given below:

S. No.	Period	Course	Regions affected	Nature of precipitation and date	Remarks
1.	2nd.	The Punjab (P) and neighbourhood northeastwards.	East Uttar Pradesh, plains of west Uttar Pradesh and of the Punjab (I).	A few thundershowers on the 6th.	
			The Kumaon hills.	Fairly widespread thundershowers on the 6th.	
2.	7th-9th.	The Punjab (P) extreme north of the country.	The Kumaon hills.	Local thundershowers on 8th and 9th.	
			The Punjab hills.	Local thundershowers on the 9th.	
			Plains of west Uttar Pradesh, Jammu & Kashmir.	A few thundershowers on the 8th.	
			Plains of the Punjab (I).	A few thundershowers on the 8th and 9th.	
3.	10th-11th.	The Punjab (P)—the hills of the Punjab (I).	Plains of west Uttar Pradesh.	A few thundershowers on the 10th.	
			Plains of the Punjab.	A few thundershowers on the 10th and 11th.	
			Jammu and Kashmir.	A few thunderstorms on the 12th.	
4.	13th-15th.	The Punjab (P & I) northeastwards.	Plains of west Uttar Pradesh.	A few thundershowers on the 14th.	
			Kumaon hills.	Fairly widespread thundershowers on the 14th.	
			The Punjab hills.	Local thundershowers on the 14th.	
5.	16th-18th.	The Punjab (P) hills of the Punjab (I).	The Punjab hills.	Fairly widespread thundershowers on the 16th.	
			Plains of the Punjab (I) & in east Rajasthan.	A few thundershowers on the 16th and 17th.	
			Plains of west Uttar Pradesh.	A few thundershowers on the 17th and 18th.	
			The Kumaon hills.	Local thundershowers on the 17th and 18th.	
			West Rajasthan.	Local thundershowers on the 16th and 17th.	

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S. No.	Period	Course	Regions affected	Nature of precipitation and date	Remarks
6.	19th-21st.	Punjab (P)—The Punjab Kumaon hills.	Plains of west Uttar Pradesh.	A few showers on the 19th.	
			Plains of the Punjab (I).	A few showers on the 19th and 20th.	
			Punjab hills.	Local thundershowers on the 20th.	
			Jammu and Kashmir.	Local thundershowers on the 20th and 21st.	
	21st & 22nd.	Punjab (P) across extreme north of the country.	Plains of the Punjab (I). north Rajasthan.	A few showers on the 21st.	Secondary of the 6th western disturbance.
			Jammu and Kashmir.	A few thundershowers on the 22nd.	
			The Punjab hills.	Local thundershowers on the 22nd.	
			West Rajasthan.	Fairly widespread thundershowers on the 22nd.	
7.	22nd-24th.	Punjab (P) northeastwards.	Plains of the Punjab (I), plains of west Uttar Pradesh.	A few thundershowers on the 22nd.	
			The Punjab hills.	Local thundershowers on the 23rd.	
			Jammu and Kashmir.	A few showers on the 23rd.	
8.	25th-26th.	North West Frontier Province extreme north of the country.		No precipitation.	
9.	26th-27th.	Punjab (P) North Punjab (I).	The Punjab hills, Jammu and Kashmir.	Fairly widespread thundershowers on the 27th.	
			Jammu and Kashmir.	Local thundershowers on the 28th.	
10.	29th-30th.	Upper Sind extreme north of the country.		No precipitation.	

There was a spell of good thunderstorm activity in Assam between the 10th and 12th, 14th and 16th, and between 18th and 20th. Fairly widespread thundershowers were also reported from Assam on the last three days of the month. A few heavy to very heavy falls were recorded between the 15th and 17th; Cherrapunji had 24·6″ of rain during the 48 hours ending at 0830 hrs. I.S.T. on the 17th. According to press reports, the river Brahmaputra and its tributaries rose in spate and land communications between Dibrugarh and Gauhati were disrupted by strong gales, between the 15th and 17th.

Thundershowers occurred locally in the rest of northeast India on many days of the month. A thunderstorm, with winds reaching upto 60 m.p.h. was reported from Ranchi on the 6th afternoon. A building collapsed, causing the death of 14 persons as a result of the above storm.

The southwest monsoon advanced upto the south Andaman Sea and adjoining southeast Bay by the middle of the month. Its subsequent progress was, however, rather slow.

A moderate heat wave prevailed over Chota Nagpur, Gangetic West Bengal and Bihar during the last ten days of the month. Day temperatures were also markedly above normal in coastal Andhradesa between the 14th and 16th.

Total rainfall for the month was in slight excess in Assam, and normal in Madhya Bharat. It was in slight defect in west Uttar Pradesh, in moderate defect in the Bay Islands West Bengal, Orissa, Chota Nagpur, Bihar, east Uttar Pradesh, west Rajasthan, coastal Andhradesa and Tamilnad and in large defect in the rest of the country outside north Hyderabad, where there was no rain. Averaged over the plains of India, the rainfall was 39% in defect.

The mean maximum temperature was above normal in West Bengal, Orissa, Chota Nagpur, the Punjab (I), Vindhya Pradesh, east Madhya Pradesh, Hyderabad, costal Andhradesa, Rayalaseema and Mysore, and was normal elsewhere over the country. The mean minimum temperature was above normal in Chota Nagpur, Bihar, west Uttar Pradesh, the Punjab (I), Vindhya Pradesh, Madhya Pradesh, south Hyderabad, coastal Andhradesa, Rayalaseema and Tamilnad and was normal in the rest of the divisions.

The mean relative humidity in the morning was normal over the country outside Hyderabad and Rayalaseema, where it was below normal.

METEOROLOGICAL

The mean cloud amount in the morning was above normal in Gujarat, Saurashtra and Kutch and Deccan (Desh), below normal in Chota Nagpur, Bihar, east Uttar Pradesh, the Punjab (I), east Rajasthan, Vindhya Pradesh, Madhya Pradesh, north Hyderabad, Rayalaseema and Tamilnad and was normal in the rest of 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 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 :
Dated the 6th March 1954.

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

TABLE I—DIVISIONAL AND SUB-DIVISIONAL MEANS—MAY 1953.

	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).	13·46	122	88·4	72·2	83	76	5·7	4·5
	+2·47	..	+0·9	+0·3	+3	..	+0·5	..
2. West Bengal .	4·03	61	98·1	79·0	72	57	3·3	3·4
	−2·60	..	+2·0	+1·9	0	..	−0·5	..
3. Orissa .	1·91	60	99·9	81·7	71	60	2·9	3·7
	−1·27	..	+2·0	+1·8	+1	..	−0·1	..
4. Bihar . . .	1·34	70	103·0	79·9	53	35	1·7	1·8
	−0·57	..	+2·1	+2·5	−2	..	−0·7	..
5. Uttar Pradesh .	0·50	68	105·7	80·3	38	22	1·0	1·1
	−0·23	..	+1·5	+2·4	−3	..	−0·2	..
6. Punjab (I)(Including PEPSU & Delhi).	0·21	41	106·3	81·6	38	21	0·7	0·9
	−0·30	..	+2·0	+2·8	+3	..	−0·6	..
7. Rajasthan . .	0·35	45	104·9	80·9	41	18	0·4	1·0
	−0 43	..	−1·0	+1·2	+2	..	−0·3	..
Sub-Division								
1. Bay Islands .	10·29	68	88·3	76·5	80	84	6·1	6·4
	−4·84	..	+1·6	+1·5	+2	..	+0·5	..
2. Assam (Including Manipur & Tripura).	13·46	122	88·4	72·2	83	76	5·7	4·5
	+2·47	..	+0·9	+0 3	+3	..	+0·5	..
3. West Bengal .	4·03	61	98·1	79·0	72	57	3·3	3·4
	−2·60	..	+2·0	+1·9	0	..	−0·5	..
4. Orissa. . .	1·91	60	99·9	81·7	71	60	2·9	3·7
	−1·27	..	+2·0	+1·8	+1	..	−0·1	..
5. Chota Nagpur .	1·55	72	105·9	80·8	45	28	1·5	3·1
	−0·59	..	+2·9	+2·7	−5	..	−0·7	..
6. Bihar . . .	1·25	69	100·8	79·1	59	40	1·9	1·0
	−0·56	..	+1·3	+2·4	0	..	−0·7	..
7. Uttar Pradesh, East.	0·52	63	106·0	80·5	41	23	0·9	0·7
	−0·31	..	+1·6	+1·5	−3	..	−0·3	..
8. Uttar Pradesh, West.	0·48	75	105·4	80·2	35	20	1·1	1·6
	−0·16	..	+1·5	+3·3	−2	..	−0·1	..
9. Punjab (I) (including PEPSU and Delhi).	0·21	41	106·3	81·6	38	21	0·7	0·9
	−0·30	..	+2·0	+2·8	+3	..	−0·6	..
10. Jammu & Kashmir.		(Data incomplete)						
11. Rajasthan, West .	0 66	66	105·9	80·0	47	21	0·8	0·9
	−0·34	..	−1·0	+1·0	+5	..	0	..
12. Rajasthan, East (including Ajmer).	0·04	7	104·1	81·5	36	15	0·2	1·2
	−0·51	..	−1·1	+1·4	−2	..	−0·6	..
13. Madhya Bharat .	0·44	90	104·9	80·4	38	17	0·7	1·6
	−0·05	..	−0·8	+1·8	+2	..	−0·1	..
14. Vindhya Pradesh	0 10	24	108·3	81·6	29	17	1·0	2·3
	−0·32	..	+2·0	+2·2	−1	..	−0·8	..

	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—*contd.*								
8. Madhya Bharat & Vindhya Pradesh.	0·31	67	106·2	80·9	35	17	0·9	1·9
	−0·15	..	+0·3	+2·0	+1	..	−0·4	..
9. Madhya Pradesh .	0·13	16	107·7	82·6	33	19	1·5	3·0
	−0·67	..	+2·0	+3·0	−2	..	−0·4	..
10. Bombay (including Saurashtra & Kutch).	0·05	5	98·3	76·8	68	41	2·4	1·9
	−0·93	..	0	+0·5	+2	..	+0·6	..
11. Hyderabad . .	0·01	1	107·0	81·8	38	17	1·6	2·8
	−0·93	..	+3·0	+2·6	−10	..	−0·8	..
12. Madras (including Travancore-Cochin).	1·10	35	99·8	81·9	63	54	3·3	3·4
	−2·02	..	+1·8	+2·1	−5	..	−0·5	..
13. Mysore . .	1·49	35	93·5	70·0	78	38	4·1	4·4
	−2·80	..	+3·1	+1·0	+2	..	0	..
Mean of India .	1·20	61	102·6	80·0	51	34	2·0	2·4
	−0·76	..	+1·2	+1·9	−1	..	−0·2	..
Sub-Division—*contd.*								
15. Madhya Pradesh, East.	0·30	24	107·5	83·3	34	22	1·9	3·6
	−0·93	..	+3·0	+4·1	−4	..	−0·5	..
16. Madhya Pradesh, West.	0·03	6	107·9	82·1	32	16	1·2	2·5
	−0·51	..	+1·4	+2·4	0	..	−0·3	..
17. Gujarat . .	0·01	3	101·7	79·3	69	39	2·5	0·5
	−0·37	..	−1·3	+0·8	+4	..	+0·6	..
18. Saurashtra and Kutch.	0·02	7	97·7	78·2	76	56	2·8	1·6
	−0·27	..	−1·5	+0·7	+5	..	+0·9	..
19. Konkan . .	0·03	2	89·8	79·6	73	69	3·5	2·5
	−1·77	..	+0·2	+0·5	+2	..	−0·1	..
20. Deccan (Desh) .	0·10	8	101·8	73·2	58	27	1·6	2·5
	−1·12	..	+1·6	+0·1	−1	..	+0 7	..
21. Hyderabad, North.	0	0	106·1	80·1	35	17	1·1	2·5
	−0·77	..	+2·0	+1·6	−9	..	−1·0	..
22. Hyderabad, South	0·03	3	107·7	83·0	41	17	2·1	3·0
	−1·10	..	+3·7	+3·3	−10	..	−0·5	..
23. Coastal Andhradesa	1·09	59	102·3	83·7	63	57	3·6	3·2
	−0·75	..	+2·1	+2·0	−5	..	−0·5	..
24. Rayalaseema .	0·10	6	106·7	83·4	45	24	2·3	3·0
	−1·53	..	+2·7	+2·7	−9	..	−0·9	..
25. Tamilnad . .	1·36	64	100·1	81·3	64	55	2·6	3·2
	−0·76	..	+1·9	+2·3	−4	..	−0·8	..
26. Malabar and South Kanara.	0·78	10	91·3	79·8	75	71	4·9	3·9
	−6·95	..	+0·8	+1·3	−3	..	0	..
27. Mysore . .	1·49	35	93·5	70·0	78	38	4·1	4·4
	−2·80	..	+3·1	+1·0	+2	..	0	..
28. Travancore-Cochin	2·09	20	89·3	79·5	78	73	5·5	5·2
	−8·13	..	+0·9	+1·7	−3	..	+0·3	..

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

sion 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 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
Islands																												
ible Island (R)																												
aya Bandar	89·1	...	93	13	75·7	...	72	3,16	7·25	9·01	...	3·35	25	11	...	7·9	5·0	...	17	0	0	14	0	0	0	0	1	0
ong Island	90·3	...	97	7days	78·0	...	72	24	6·34	7·77	...	3·37	24	10	...	1·8	1·7	...	14	0	0	6	0	0	0	0	1	0
ort Blair	88·3	+1·6	91	23	76·5	+1·5	73	31	4·19	10·29	—4·84	3·25	31	12	—4·3	10·1	6·5	—2·1	23	0	0	15	1	0	0	0	0	0
ondul (R)																												
ar Nicobar	88·5	...	91	18,19,20	83·0	...	78	1	4·53	8·30	...	1·49	2	15	...	3·2	1·7	...	19	0	0	0	0	0	0	0	0	0
oncowry	86·2	...	89	7,14	77·9	...	75	4 days	9·89	15·26	...	3·12	15	22	...	7·7	5·5	...	26	0	0	15	0	0	0	0	0	0
am																												
awsynram	...	...	...	...	...	...	...	...	...	67·35	...	10·05	15	20	...	...	...	...	...	...	...	...	...	...	...	...	...	...
ibrugarh	85·2	+0·7	93	2,27	72·3	+1·6	68	4	3·19	16·22	+4·13	2·62	31	15	—0·6	1·5	1·0	+0·2	17	0	0	6	0	0	0	0	0	0
ibrugarh (Mohanbari Aerodrome).	85·7	...	93	7,8	71·3	...	66	4	3·38	18·74	...	2·72	16	14	...	3·9	3·0	...	18	0	0	8	1	0	0	0	0	0
ibsagar (R)																												
ezpur	88·5	+1·7	97	7	73·4	+1·1	70	1	1·10	10·74	+0·09	1·53	31	14	—1·3	1·4	1·0	—1·8	19	0	0	13	0	0	0	0	0	0
ezpur (P B.O.)	...	...	...	...	73·2	...	70	4,18	1·64	11·86	...	1·70	29	20	...	3·5	2·8	...	20	0	0	20	0	0	0	0	0	0
auhati	89·1	+1·4	95	7,8	71·5	—0·9	67	1	1·76	6·88	—2·41	1·04	14	15	+1·5	3·3	2·1	+0·2	16	0	0	11	0	0	0	0	0	0
auhati (Kaikuchi Ae odrome).	89·7	...	95	7,8,18	72·4	...	68	4 days	1·64	6·31	...	0·86	14	16	...	...	...	...	17	0	0	27	0	0	0	7	7	0
hubri (R)																												
ilchar	87·2	—1·5	97	8	72·6	0	68	14	6·06	29·42	+13·00	4·80	17	18	+1·6	2·2	1·5	—0·5	23	0	0	14	0	0	0	0	0	0
ura	86·5	...	91	2	73·2	...	66	14	4·93	14·69	...	3·27	30	15	...	6·3	6·5	...	17	0	0	0	0	0	0	0	0	0
umding	92·1	+2·3	99	7	71·0 (g)	—0·4	...	...	...	4·03	—2·44	1·32	9	6	—4·7	4·5	3·0	...	9	0	0	0	0	0	0	0	0	0
gartala	90·5	...	95	4 days	74·6	...	69	21	4·80	9·13	...	3·06	9	11	...	...	...	...	15	0	0	12	2	0	0	0	0	0
mphal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10	0	0	0	0	1	0
st Bengal																												
Dum Dum	97·1	...	104	25	80·5	...	69	3,10	2·30	3·22	...	1·54	10	5	...	11·8	11·5	...	6	0	0	6	0	0	0	0	7	0
alcutta	97·6	+2·0	106	25	81·5	+4·0	71	3	1·39	2·37	—3·12	1·01	3	5	—1·9	7·1	5·9	+0·9	7	0	0	10	0	0	0	0	9	0
arrackpore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	1	6	0	0	0	0	7	0
augor Island	90·4	—0·6	92	11 days	82·1	+1·5	71	5	0	1·69	—2·83	1·12	5	2	—3·5	20·0	19·8	+6·3	4	0	0	7	0	0	0	0	0	0
andheads	...	...	...	...	...	...	...	...	0	1·03	—0·94	0·46	7	3	—0·2	...	...	...	4	0	0	2	0	0	0	0	2	2
idnapore	101·9	+2·0	111	26	80·5	+1·8	72	7	1·47	2·49	—2·25	0·75	3	4	—2·9	5·5	5·9	+1·6	5	0	0	7	0	0	0	0	0	0
ontai	92·9	...	98	17	81·7	...	71	5	0	2·74	...	1·46	5	4	...	14·2	11·0	...	4	0	0	5	2	2	0	0	2	0
ankura	...	...	...	...	...	...	...	...	...	0·94	—3·13	0·38	7	4	—1·6	...	...	...	...	...	...	...	...	...	...	...	...	...
urdwan	101·3	+3·2	110	31	76·5	—1·0	68	4,9	1·70	2·35	—3·61	0·90	15	4	—3·2	4·6	5·3	+2·1	4	0	0	0	0	0	0	0	0	0
rishnagar	99·7	+3·0	110	31	78·5	+1·9	70	3	2·18	3·09	—3·62	0·67	14	7	—0·9	7·7	6·9	+1·3	11	0	0	10	0	2	0	0	3	0
asansol	104·4	+2·2	114	30,31	81·0	+2·8	72	3,7	0·95	1·19	—1·74	0·39	7	4	—0·4	6·2	5·1	—0·6	6	0	0	7	0	0	0	1	0	0
erhampore	101·4	+4·3	111	31	78·8	+2·1	70	3,12	2·18	2·76	—2·57	1·24	9	4	—3·3	3·8	3·9	+0·1	8	0	0	3	0	1	0	0	0	0
alda	97·7	+2·3	110	30,31	78·1	+2·8	70	12	3·06	4·26	—0·34	3·06	5	3	—2·6	6·0	5·1	—0·5	4	0	0	6	0	0	0	0	0	0
ooch-Behar	91·7	...	95	17	73·8	...	68	14	0·55	10·87	—5·90	2·50	25	12	—3·5	4·8	3·1	...	14	0	0	4	0	0	0	0	0	0
alpaiguri	88·8	—0·7	97	17	74·0	+1·4	69	1	0·31	12·32	+0·50	2·50	3	12	—1·1	7·2	5·4	+2·9	15	0	0	19	0	0	0	0	0	0
agdogra	90·5	...	98	3	73·4	...	67	1	1·84	14·20	...	2·49	14	14	...	6·4	4·5	...	16	0	0	19	0	0	0	2	1	0
Issa																												
alasore	97·9	+0·8	107	18	80·5	+1·7	72	5,9	0·75	3·83	—0·80	0·75	9	8	+2·1	10·9	8·5	+2·8	9	0	0	10	0	0	0	0	0	0
handbali	99·3	+1·9	106	17	81·1	+1·9	71	4,7	1·75	2·94	—2·64	0·95	17	5	—0·4	14·3	11·7	+1·6	5	0	0	4	0	0	0	0	0	0
uri	89·2	—0·4	91	4 days	82·5	+1·4	71	7	0	2·04	—0·82	1·39	7	2	—1·2	17·3	16·8	+3·5	3	0	0	2	0	0	0	0	0	0
hubaneswar	101·9	...	111	13	81·9	...	72	7	0·07	0·19	...	0·07	2	0	...	20·4	18·2	...	4	0	0	8	0	0	0	0	0	0
uttack	105·0	+3·6	113	13	82·3	+2·4	71	9	0·29	2·30	—1·27	1·90	9	2	—3·2	6·7	5·9	+2·1	6	0	0	10	0	0	0	0	0	0
uttack (P. B. O.)	...	...	...	...	...	...	...	...	0·39	2·22	...	1·79	9	3	...	5·9	4·9	...	6	0	0	11	0	0	0	0	0	1
opalpur	90·5	+0·2	93	15,16,30	80·6	+0·5	70	2	0·57	1·50	—0·63	0·84	2	3	—0·1	16·7	14·1	+1·3	6	0	0	7	0	0	0	0	0	0
oraput	97·6	...	102	31	76·3	...	65	8	0·57	0·80	...	0·48	8	1	...	...	...	...	7	0	0	0	0	0	0	0	0	0
ngul	107·2	+3·7	113	13	82·3	+3·3	75	1,2	0·21	0·51	—1·84	0·18	18	3	—1·7	6·7	6·5	+0·9	5	0	0	12	0	2	0	0	0	0
ambalpur	110 5	+4·0	115	31	82·9	+1·7	75	7	0	0·22	—0·86	0·15	7	1	—1·3	3·7	2·6	—0·7	3	0	0	2	0	1	0	0	0	0
harsuguda	...	...	...	...	...	...	...	...	0·19	0·30	...	0. 13	3	1	...	...	...	...	5	0	0	8	0	0	0	0	0	0
itilagarh	110·5	...	115	31	84·9	...	79	8	0·32	0·45	...	0·32	4	2	...	4·5	3·2	...	2	0	0	4	0	2	0	0	0	0
ota Nagpur																												
urulia	104·4	...	113	30	80·4	...	69	10	1·24	1·55	...	0·55	3	4	...	4·7	3·7	...	4	0	0	2	0	0	0	0	0	0
amshedpur	105·9	+2·7	113	31	82·4	+3·2	72	5	1·13	1·33	—1·80	0·43	5	5	—0·1	4·4	4 6	+0·4	7	0	0	5	0	3	0	0	0	0
amshedpur (P.B.O.)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7·0	5·4	...	...	0	0	5	0	0	0	0	0	0
haibasa	107·3	+3·3	114	31	82·6	+3·4	74	7,9	1·45	1·58	—1·16	0·95	7	3	—2·2	3·0	2·2	—0·4	5	0	0	4	0	0	0	0	0	0
anchi	102·3	+3·7	108	4 days	76·5	+1·2	66	10	2·01	3·26	+1·14	1·95	7	2	—2·1	5·3	3 6	—1·3	4	0	0	5	0	0	0	0	0	0

(R) Register not received. (g) Mean of 24 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
Chota Nagpur—*contd.*																												
Hazaribagh (R)																												
Hazaribagh (C.W.)	102·3	...	109	28,30	76·8	...	68	7	0·26	0·28	...	0·26	7	1	...	4·0	2·4	...	3	0	0	5	0	0	0	0	3	0
Daltonganj	108·3	+2·1	114	28	81·7	+3·0	72	7	0	0·04	−0·53	0·02	18,20	0	−1·3	6·8	4·1	−0·3	2	0	0	4	0	0	0	0	0	0
Bihar																												
Purnea	96·4	+1·6	105	31	75·7	+1·3	70	4,28	2·01	3·29	−0·89	1·27	8	4	−1·5	5·7	4·5	+1·1	4	0	0	5	0	0	0	0	0	0
Forbesganj (R)																												
Darbhanga	97·7	+1·5	107	31	77·8	+2·3	69	12	0·10	2·29	−0·22	0·55	7	6	+2·5	3 9	2·5	−1·9	6	0	0	1	0	1	0	0	0	0
Motihari (R)																												
Muzaffarpur	...	...	...	...	...	...	...	...	...	1·12	−0·86	0·92	4	2	−1·1	...	...	...	...	...	...	...	...	...	...	...	...	...
Chapra	...	...	...	...	...	...	...	...	...	1·38	+0·08	1·10	10	2	+0·2	...	...	...	...	...	...	...	...	...	...	...	...	...
Arrah	...	...	...	...	...	..	..	...	...	0	−1·23	0	...	0	−1·8	...	...	...	...	...	...	...	...	...	...	...	...	...
Patna	102·0	+1·7	112	26	81·0	+2·9	73	4	0·41	0·58	−0·82	0·41	10	2	−0·3	7·0	5·5	+0·4	2	0	0	2	0	1	0	0	0	0
Patna (Aerodrome)	102·6	...	112	30,31	79·7	...	74	5	0·24	0·62	...	0·38	12	2	...	8·5	5·8	...	2	0	0	2	0	1	0	0	0	0
Dehri	107·6	...	113	31	85·1	...	75	12	0	0·09	−0·54	0·09	12	0	−1·2	7·9	4·7	...	1	0	0	0	0	0	0	0	0	0
Gaya	107·5	+2 9	114	31	83·0	+3·2	77	5	0	0·06	−0·87	0·06	12	0	−1·7	9·2	7·9	+1·9	1	0	0	2	0	1	0	0	0	0
Jamui	103·3	...	113	30,31	80·6	...	73	5,12	1·09	1·49	...	1·00	10	2	...	7·2	4·7	...	3	0	0	0	0	0	0	0	0	0
Dumka (R)																												
Sabour	100·3	+2·0	111	31	78·0	+2·3	69	5,12	0·97	2·44	+0·29	1·33	8	4	+0·4	7·5	5·3	−1·6	5	0	0	6	0	1	0	0	1	0
Bhagalpur	100·6	...	109	26,30	78·5	...	68	12	0·76	1·81	...	0·81	8	4	...	6·6	5·2	...	5	0	0	8	0	0	0	0	0	0
U. P., East																												
Gonda	105·3	+2·6	113	28	79·6	+1·8	72	6	0	0·38	−0·65	0·33	9	1	−0·9	7·7	5·7	+0·6	2	0	0	3	0	0	0	0	0	0
Gorakhpur	102·8	+1·7	112	31	78·1	+1·2	70	7	0	0	−1·38	0	...	0	−2 5	6·6	5·5	+2·1	0	0	0	0	0	0	0	0	0	0
Azamgarh	106·5	...	114	26	79·7	...	71	1,9	0·03	0·38	...	0·33	1	1	.	7·2	4·4	...	3	0	0	1	0	0	0	0	0	0
Banaras	109·3	+3·9	114	27,28	82·0	+2·8	78	3,5,17	0	0	−0·53	0	...	0	−1·1	9·6	6·9	+3·0	0	0	0	2	0	0	0	0	0	0
Banaras (Babatpur Aerodrome)	107·6	...	113	27,28,31	80·8	...	77	3,5,7	0	0·08	...	0·08	7	0	...	11·8	9·0	...	1	0	0	2	0	0	0	0	0	0
Allahabad (Bamrauli)	108·0	+0·9	113	4 days	82·1	−2·2	75	1	0	0	−0·63	0	...	0	−1·2	8·6	5·3	+0·6	0	0	0	3	0	0	0	0	2	0
Fatehpur	111·3	+4·1	112	27	81·8	+1·3	74	1	0·28	0·29	+0·15	0·28	10	1	+0·4	7·6	4·3	+0·3	2	0	0	0	0	3	0	0	0	0
Banda	109·9	...	115	5,27	83·9	...	76	10	0	0	...	0	...	0	...	5·0	3·7	...	0	0	0	0	0	0	0	0	0	0
Orai	108·7	...	114	27	83·2	...	76	10	0·49	0·49	...	0·30	7	2	...	9·8	6·9	...	3	0	0	0	0	3	0	0	0	0
Kanpur	106·9	+0·7	113	27	82·6	+2·2	70	1	0	0·32	0	0·32	1	1	0	10·9	9·3	+1·4	1	0	0	0	0	0	0	0	0	0
Lucknow	106·1	+0·7	114	27	81·7	+3·4	69	1	0	0·51	−0·26	0·40	1	1	−0·3	5·3	3·5	+1·0	3	0	0	1	0	0	0	0	0	0
Lucknow (Amousi Aerodrome)	105·2	+0·3	112	27	79·0	+1·3	67	1	0	1·08	+0·31	0.92	1	2	+0·7	9·4	6·8	...	2	0	0	4	0	3	0	0	3	0
Hardoi	105·6	...	113	27	76·7	...	70	1	0	0·40	...	0·35	1	1	...	9·1	6·2 (b)	...	2	0	0	2	0	0	0	0	0	0
Lakhimpur Kheri	104·9	...	113	27	79·5	...	69	6	0	0·78	...	0·58	6	2	...	6·0	3·7	...	4	0	0	4	0	0	0	0	0	0
Bahraich	104·6	+2·3	114	27	78·5	+1·3	69	7	0	1·89	+0·68	0·89	9	3	+0·9	8·2	5·8	+2·3	4	0	0	2	0	0	0	0	0	0
U. P., West																												
Jhansi	108·6	+0·1	112	4 days	85·3	+2·7	80	1	0	0	−0·37	0	...	0	−1·1	4·0	3·1	−1·3	0	0	0	0	0	0	0	0	0	0
Agra	107·4	+1·2	112	5	86 5	+8·3	71	19	0	0	−0·38	0	...	0	−1·1	...	3·1	−0·9	0	0	0	0	0	2	0	0	0	0
Mainpuri	108·5	+1·1	114	27	80·7	+2·5	69	1	0	0·57	+0·06	0·54	1	1	−0·2	6·5	3·7	+1·0	2	0	0	2	0	5	0	0	0	0
Aligarh	106·5	+1·2	111	5,27,31	80·3	+0·9	72	1	0	1·43	+1·02	0·97	1	2	+0·8	...	...	...	4	0	0	7	0	1	0	0	0	0
Bareilly	105·8	+2·7	113	27	80·6	+3·5	73	6,8	0	0·13	−0·53	0·13	1	1	−0·5	7·7	5·3	+2·4	1	0	0	4	0	0	0	0	0	0
Meerut	104·6	+1·5	109	27,31	79·9	+4·4	72	1,22	0	0·15	−0·45	0·15	19	1	−0·5	...	6·0	...	1	0	0	0	0	0	0	0	0	0
Najibabad	102·8	...	110	27	75·7	...	68	8	0	0·92	...	0·17	8	2	...	8·7	5·9	...	2	0	0	0	0	0	0	0	0	0
Roorkee	103·9	+1·7	110	26	76·5	+2·5	71	8	0	0·39	−0·37	0·36	6	1	−0·7	7·5	5·2	+2·0	2	0	0	12	0	0	0	0	0	0
Dehra Dun	98·2	+2·2	105	31	71·9	+1·8	65	8	0·11	1·17	−0·28	0·68	1	3	0	3·8	2·7	+0·4	6	0	0	5	0	0	0	0	0	0
Punjab (I)																												
New Delhi	104·5	−0·3	109	4,5,31	87·9	+3·1	75	23	0·13	0·13	−0·99	0·11	23	1	−0·6	13 0	10·0	...	2	0	0	5	0	11	0	0	9	0
Hissar	107·1	+1·8	113	8	77·9	+1·9	67	21,22	0	0·55	−0·01	0·35	21	2	+0·6	7·1	6·0	+1·0	2	0	0	0	0	0	0	0	0	0
Karnal	104·0	...	109	5	77·4	...	70	23	0	0	...	0	...	0	...	5·1	4·1	...	0	0	0	0	0	0	0	0	0	0
Ambala	106·8	+2·9	111	13,26,27	78·7	+2·9	71	8	0	0 27	−0·46	0·17	8	1	−0·5	8·4	5·8	+0·6	3	0	0	0	0	0	0	0	0	0
Patiala	105·5 (a)	...	112	5	78·5	...	72	23	0	0·42	+0·17	0·18	8	2	+1·2	8·1	5·7	...	5	0	0	7	0	0	0	0	0	0
Ludhiana	107·5	+3·4	114	5	78·2	+2·5	71	23	0	0	−0·53	0	...	0	−1·5	1·5	0·9	−1·3	0	0	0	0	0	0	0	0	0	0
Ferozepur	102·8	...	112	4 days	76·9	...	71	2	0	0	...	0	...	0	...	2·5	2·1	...	0	0	0	7	0	1	0	0	0	0
Amritsar	104·8	...	111	5,6	75·0	...	66	1,23	0	0·02	...	0·01	17,21	0	...	9·8	8 5	...	2	0	0	7	0	5	0	1	0	0
Pathankot	10 ·5	...	109	6	74·6	...	68	3,24	0	0	...	0	...	0	...	4·4	3·5	...	0	0	0	0	0	14	0	0	0	0

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

sion 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 sl.	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
mu and Kashmir																												
inagar	77·4	+0·4	86	11	52·6	+1·7	47	23	0·22	0·43	−1·95	0·11	20,23	2	−3·4	1·1	2·6	−0·2	6	0	0	8	6	0	0	0	0	0
ilmarg	Closed during winter months.																											
namarg	...	...	...	...	...	...	...	...	...	4·07	−1·89	0·67	17	8	−1·8	...	...	...	...	...	...	...	..	...	...	...	...	...
as (R)																												
argil (R)																												
h	65·2	+1·5	70	14,16	38·7	+1·6	34	1	0	0·03	−0·79	0·03	18	0	−0·7	6·2	4·6	+2·3	1	0	0	0	0	0	0	0	0	0
ardu (R)																												
arez	...	...	...	...	...	...	...	...	...	1·04	−3·44	0·30	28	4	−5·1	...	...	...	...	...	...	...	...	...	...	...	...	...
ilgit (R)																												
isgar (R)																												
mmu (R)																												
asthan, West																												
i Ganganagar	108·1	+0·4	111	7 days	78·9	+3·9	73	21	0·35	0·48	+0·15	0·35	13	2	+1·2	7·7	5·6	−1·1	3	0	0	0	0	3	0	0	0	0
kaner	106·5	−1·2	112	4 days	82·3	+0·6	73	17	0	0·06	−0·53	0·03	22,28	0	−1·3	7·7	6·6	+0·3	2	0	0	3	0	0	0	0	0	0
isalmer	104·3	...	112	3	77·4	...	73	15	0	0·11	...	0·11	15	1	...	12·0	14·6	...	1	0	0	0	0	0	0	0	0	0
idhpur	104·4	−1·2	111	3	80·0	+0·6	68	17	0	0·28	−0·13	0·26	17	1	−0·1	9·5	8·4	...	2	0	0	3	0	2	0	0	0	0
ialodi	104·0	...	109	11	78·7	...	70	17	0	1·84	−1·49	1·33	13	2	+1·2	15·0	11·8	...	2	0	0	5	0	0	0	0	0	0
armer	104·4	−2·0	111	31	78·9	−1·1	70	22	0	0·63	+0·28	0·63	22	1	+0·3	9·6	9·4	+2·5	1	0	0	2	0	0	0	0	0	0
asthan, East																												
kar	103·4	...	108	4 days	77·8	...	71	23	0	0·31	...	0·16	17	2	...	10·5	7·4	...	2	0	0	1	0	2	0	0	0	0
ipur	105·1	−0·5	110	4,11	79·1	+2·2	73	23	0	0	−0·57	0	...	0	−1·6	9·5	6·6	+1·2	0	0	0	1	0	3	0	0	0	0
ipur (Sanganer Aerodrome)	105·1	...	110	4	80·0	...	73	23	0	0	...	0	...	0	...	3·1	10·3	...	0	0	0	0	0	4	0	0	0	0
jmer	102·0	−0·9	107	3,4	82·6	+2·4	75	17,23	0	0·19	−0·45	0·19	16	1	−0·5	11·6	9·8	+3·3	1	0	0	0	0	0	0	0	0	0
otah	108·0	+0·4	112	3,4	86·7	+2·2	81	17	0	0	−0·47	0	...	0	−1·0	7·5	6·3	+2·2	0	0	0	1	0	1	0	0	0	0
alawar	106·7	−0·3	111	4	82·5	+2·1	78	1,2	0	0	−0·35	0	...	0	−0·9	3·8	5·4	−1·8	0	0	0	0	0	0	0	0	0	0
daipur	98·5	−4·0	104	3,4,5	76·8	−2·0	71	1,21,23	0·01	0·01	−0·71	0·01	24	0	−1·5	5·9	4·8	...	1	0	0	0	0	0	0	0	0	0
dhya Bharat																												
walior (P. B. O.)	108·1	−1·5	112	3,4	85·5	+2·1	78	22,24,25	1·73	1·86	+1·59	1·65	16	2	+1·1	7·0	5·7	...	2	0	1	3	0	2	0	0	0	0
ieopur Kalan	108·7	...	112	4 days	82·3	...	76	23	0	0	...	0	...	0	...	4·2	5·0	...	0	0	0	1	0	3	0	0	0	0
una	106·5	+0·2	111	4	80·4	+2·9	73	23	0·35	0·35	−0·19	0·19	17	2	+0·8	9·8	6·5	+0·9	2	0	0	1	0	0	0	0	0	0
eemuch	102·5	−0·9	107	3	79·3	+1·9	75	22	0	0	−0·59	0	...	0	−1·2	10·5	9·0	+0·7	0	0	0	1	0	1	0	0	0	0
atlam	101·1	...	106	2,29	78·1	...	76	1,11,14	0	0	...	0	...	0	...	10·0	7·3	...	0	0	0	0	0	0	0	0	0	0
idore	102·6	−1·6	106	1,2,27	77·0	+1·5	72	2	0	0	−0·51	0	...	0	−1·3	13·0	11·5	0	0	0	0	0	0	0	0	0	0	0
hopal (Bairagarh)	104·7	0	108	6 days	79·8	+0·8	76	2	0	0	−0·57	0	...	0	−1·2	11·8	10·2	+1·7	0	0	0	0	0	0	0	0	0	0
dhya Pradesh																												
owgong	109·0	+1·5	114	27	81·8	+2·4	77	3,4,25	0·02	0·02	−0·35	0·02	19	0	−1·0	6·7	4·1	+1·3	1	0	0	3	0	1	0	0	0	0
itna	108·1	+2·3	112	5	81·9	+2·1	76	7	0·25	0·27	−0·20	0·12	10	2	+0·7	6·7	5·1	+0·6	5	0	0	5	0	0	0	0	1	0
maria	107·8	+2·3	112	27	81·1	+2·1	74	24	0	0·02	−0·41	0·02	7	0	−0·7	6·3	3·9	+0·4	1	0	0	1	0	0	0	0	0	0
dhya Pradesh, st																												
ondia	109·5	...	114	30,31	85·0	...	80	24	0	0	...	0	...	0	...	6·1	3·7	...	0	0	0	0	0	5	0	0	0	0
ndra	104·1	+3·8	109	31	82·3	+5·0	78	1,10	0·09	0·10	−0·74	0·05	20	0	−2·1	7·8	4·7	−0·1	5	0	0	6	0	0	0	0	0	0
aigarh	110·9	...	115	31	85·5	...	76	1	0	0·54	...	0·52	1	1	...	4·7	3·5	...	2	0	0	1	0	0	0	0	0	0
mbikapur	103·9	...	108	28,30	77·3	...	71	10	0·45	0·51	...	0·21	9	2	...	9·4	6·0	...	5	0	0	4	0	0	0	0	0	0
hampa	111·2	...	115	28,30,31	85·7	...	81	1,4	0	0	...	0	...	0	...	6·4	4·6	...	0	0	0	2	0	4	0	0	0	0
aipur	109·8	+2·5	115	28	86·8	+4·7	82	3	0	0·04	−0·85	0·04		0	−2·1	6·8	4·7	−2·4	1	0	0	1	0	0	0	0	0	0
anker	106·8	+2·4	112	28	84·3	+5·0	77	25	0·18	0·18	−1·31	0·18	3	1	−1·7	7·1	5·2	+0·7	1	0	0	1	0	0	0	0	0	0
handa	111·3	+1·9	115	26,28,31	84·3	+2·2	81	13,18,20	0	0	−0·61	0	...	0	−1·4	7·5	4·5	+0·5	0	0	0	0	0	0	0	0	0	0
roncha	110·0	...	115	29,31	86·4	...	81	9,12	0	0	...	0	...	0	...	6·0	3·8	...	0	0	0	0	0	0	0	0	0	0
gdalpur (P. B. O.)	105·3	+4·4	110	28	79·0	+3·4	70	3	1·18	1·20	−1·16	1·17	3	1	−3·8	6·2	3 8	...	3	0	0	8	0	0	0	0	1	0
dhya Pradesh, est																												
ldhana	101·3	...	106	27	78·1	...	72	16	0	0	...	0	...	0	...	11·9	11·9	...	0	0	0	0	0	0	0	0	0	0
kola	108·5	+0·3	113	27	82·9	+1·6	81	12 days	0	0	−0·41	0	...	0	−1·0	12·0	10·9	+3·6	0	0	0	0	0	0	0	0	0	0
mravati	108·8	+1·2	113	27	80·9	+0·2	76	7	0·05	0·05	−0·47	0·04	15	0	−1·3	11·5	9·0	+3·2	2	0	0	1	0	0	0	0	0	0
otmal	108·7	...	113	27	84·7	...	80	4 days	0	0	...	0	...	0	...	12·7	11·8	...	0	0	0	0	0	0	0	0	0	0
handwa	107·5	+0·6	111	2,22	82·6	+1·5	80	4 days	0	0	−0·31	0	...	0	−0 7	12·7	11·5	+3·5	0	0	0	0	0	1	0	0	0	0
oshangabad	108·0	+1·1	112	11,27	82·8	+1·8	78	5	0	0	−0·49	0	...	0	−1·2	5·9	4·2	+1·0	0	0	0	2	0	0	0	0	0	0
gar	105·3	+0·7	109	27	82·1	+2·8	77	17	0·04	0·04	−0·38	0·04	17	0	−1·1	6·3	5·8	−5·7	1	0	0	0	0	0	0	0	0	0
balpur	108·6	+3·2	113	27	81·0	+3·7	71	25	0·06	0·11	−0·51	0·05	20	0	−1·4	6·4	4·5	+1·5	3	0	0	3	0	0	0	0	0	0
andla	107·1	...	111	27,28	77·4	...	69	24	0·21	0·21	...	0·21	3	1	...	7·0	3·6	...	1	0	0	2	0	2	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.			Wheather 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
Madhya Pradesh, West—*contd.*																												
Seoni	106·0	+2·4	109	5 days	79·7	+3·4	74	16	0	0	−0·76	0	...	0	−1·7	6·3	4·4	+0·6	0	0	0	0	0	0	0	0	0	0
Chhindwara	103·4	...	107	30	81·8	...	76	24	0	0	...	0	...	0	...	8·9	6·5	...	0	0	0	0	0	0	0	0	0	0
Betul	103·0	...	107	4	77·1	...	71	4 days	0·08	0·08	...	0·08	15	0	...	8·1	5·6	...	1	0	0	0	0	0	0	0	0	0
Nagpur	110·5	+1·8	115	28	85·1	+4·2	78	24	0	0·02	−0·74	0·02	11	0	−2·0	9·4	8·1	...	1	0	0	0	0	0	0	0	0	0
Gujarat																												
Deesa	103·5	...	109	3	77·9	...	74	7	0	0	...	0	...	0	...	...	...	...	0	0	0	0	0	0	0	0	0	0
Surat	96·1	−1·2	105	24,26	80·1	+1·2	78	4 days	0	0	−0·24	0	...	0	−0·3	8·0	7·7	+1·1	0	0	0	0	0	0	0	0	0	0
Ahmedabad	105·5	−1·3	109	3	79·3	+0·6	75	16	0	0·02	−0·37	0·02	15	0	−0·7	7·8	6·9	+1·0	1	0	0	2	0	0	0	0	0	0
Dohad	101·5	−1·5	105	4 days	78·2	−0·5	76	5,10,11	0	0	−0·66	0	...	0	−0·5	16·6	17·2	+8·7	0	0	0	0	0	0	0	0	0	0
Baroda	103·6	−1·0	108	26	79·5	+1·8	77	1,7,21	0	0	−0·20	0	...	0	−0·5	5·9	5·8	0	0	0	0	0	0	0	0	0	0	0
Baroda (Aerodrome)	102·9	...	107	3	80·1	...	77	7	0	0	...	0	...	0	...	7·8	8·5	...	0	0	0	0	0	0	0	0	0	0
Broach	101·5	...	108	3,26	80·0	...	78	5,11,22	0	0	...	0	...	0	...	8·4	7·7	...	0	0	0	0	0	0	0	0	0	0
Saurashtra and Kutch																												
Bhuj	97·0	−3·9	103	30	77·4	+0·6	73	22	0	0	−0·26	0	...	0	−0·3	13·4 (a)	11·3 (a)	+0·4	0	0	0	0	0	0	0	0	0	0
Bhuj (P. B. O.)	...	...	...	...	...	...	...	...	0	0	...	0	...	0	...	11·0	9·0	...	0	0	0	0	0	0	0	0	0	0
Dwarka	87·4	−0·6	89	25,26	80·6	0	78	2	0	0	−0·02	0	...	0	−0·1	14·3	14·2	+2·8	0	0	0	0	0	0	0	0	0	0
Porbander	88·5	...	90	7 days	80·1	...	78	3,23	0	0	...	0	...	0	...	13·1	11·1	...	0	0	0	0	0	0	0	0	0	0
Jamnagar	93·1	−1·9	102	6	78·1	+1·4	74	3	0	0	−0·30	0	...	0	−0·3	...	...	...	0	0	0	0	0	1	0	0	0	0
Rajkot	103·4	−1·5	107	2	76·5	+1·3	70	3	0	0	−0·50	0	...	0	−0·6	17·0	15·9	+4·6	0	0	0	0	0	0	0	0	0	0
Rajkot (Aerodrome)	104·0	...	108	3	76·5	...	69	3	...	0	...	0	...	0	...	...	17·9	...	0	0	0	0	0	0	0	0	0	0
Veraval	88·2	...	90	22,28	79·2	...	71	3	0	0	−0·28	0	...	0	−0·3	14·9	13·9	+5·6	0	0	0	0	0	0	0	0	0	0
Mahuva	94·6	...	99	25	75·2	...	68	3	0	0	...	0	...	0	...	18·9	15·0	...	0	0	0	0	0	0	0	13	0	0
Bhavnagar	105·7	+0·5	110	3,9	78·5	+0·4	76	5 days	0·14	0·14	−0·27	0·14	21	1	+0·3	8·6	9·4	+2·2	1	0	0	1	0	0	0	0	0	0
Bhavnagar (Aerodrome)	102·4	...	107	11,31	78·5	...	75	4 days	...	0	...	0	...	0	...	...	15·7	...	0	0	0	1	0	4	0	0	0	0
Konkan																												
Dahanu	90·3	...	92	5 days	80·2	...	77	days	0	0	...	0	...	0	...	12·8	11·2	...	0	0	0	0	0	0	0	0	0	0
Bombay (Colaba)	92·0	+0·9	94	30	80·5	+0·9	78	5 days	0	0	−0·65	0	...	0	−0·8	8·1	6·2	−0·5	0	0	0	0	0	0	0	0	0	0
Bombay (Santa Cruz Aerodrome)	90·4	+0·1	94	24	77·8	+0·6	74	3	0	0	−0·65	0	...	0	−0·8	11·8	8·2	...	0	0	0	0	0	0	0	0	0	0
Alibag	88·7	−0·2	91	24,30	79·5	+0·4	77	7 days	...	0	−1·04	0	...	0	−0·8	...	6·5	−1·8	0	0	0	0	0	0	0	0	0	0
Harnai	85·8	...	87	11 days	80·3	...	79	10 days	0	0	...	0	...	0	...	13·6	11·1	...	0	0	0	0	0	0	0	0	0	0
Ratnagiri	90·5	...	92	4,11,21	79·8	...	76	5	0	0	...	0	...	0	...	...	...	...	0	0	0	0	0	0	0	0	0	0
Devgad	91·0	...	93	6 days	80·6	...	79	9,13	0	0	...	0	...	0	...	13·0	11·7	...	0	0	0	0	0	0	0	0	0	0
Vengurla	90·9	...	95	23	78·5	...	75	10	0	0·02	...	0·02	24	0	...	...	...	...	1	0	0	0	0	0	0	0	0	0
Marmagao	88·2	−0·1	90	5,19	80·7	+0·3	79	13	0	0	−3·24	0	...	0	−2·0	10·7	9·2	+2·0	0	0	0	1	0	0	0	0	0	0
Karwar	88 6	...	90	8,19	80·1	...	76	13	0	0·05	...	0·05	24	0	...	...	...	...	1	0	0	0	0	0	0	0	0	0
Honavar	89·9	...	92	18,20	79·9	...	74	14	0	0·17	−3·25	0·17	24	1	−2·9	4·8	3·9	...	1	0	0	0	0	0	0	0	0	0
Deccan (Desh)																												
Khandala	...	...	...	...	...	...	...	...	...	0	−0·79	0	...	0	−1·3	...	...	...	0	0	0	0	0	0	0	0	0	0
Jalgaon	109·1	...	114	27	80·7	...	78	4,11	0	0	−0·41	0	...	0	−0·9	17·8	17·5	...	0	0	0	0	0	0	0	0	0	0
Malegaon	106·0	+1·0	109	1,4	74·8	−0·3	71	22	0	0	−0·73	0	...	0	−1·2	9·2	7·5	−1·2	0	0	0	0	0	0	0	0	0	0
Deolali	99·2	...	103	4 days	71·2	...	68	4,5	...	0·99	...	0·99	14	1	...	...	9·	...	1	0	0	1	0	0	0	0	0	0
Ahmednagar	103·0	+1·1	106	1,3,26	72·3	+0·2	65	8	0	0	−0·91	0	...	0	−1·6	8·5	7·2	−0·6	0	0	0	0	0	3	0	0	0	0
Poona	99·4	+0·6	106	24	71·7	−0·7	66	10	0	0	−1·06	0	...	0	−1·7	5·4 (a)	3·8	−5·3	0	0	0	1	0	0	0	0	0	0
Poona (Lohagaon Aerodrome)	99·1	...	105	1,26	70·5	...	67	4,9,10	0	0	...	0	...	0	...	...	...	...	0	0	0	1	0	0	0	0	0	0
Jeur	105·4	...	109	5,27	74·0	...	71	5 days	0	0	...	0	...	0	...	10·8	12·7	...	0	0	0	1	0	0	0	0	0	0
Sholapur	106·7	+2 0	110	1,2,26	77·6	+0·6	72	10,12,13	0	0	−0·89	0	...	0	−1·9	10·4	9·2	+1·0	0	0	0	0	0	0	0	0	0	0
Miraj	101·5	+2·3	105	1	72·7	+0·2	69	9,12	0·40	0·40	−1·49	0·40	25	1	−1·9	10·7	10·7	+2·6	1	0	0	4	0	0	0	0	0	0
Kolhapur	97·9	...	105	26	72·0	...	67	9	0	0·02	...	0·02	24	0	...	11·9	11·1	...	1	0	0	3	0	0	0	0	0	0
Bijapur	...	...	...	...	75·5	+1·0	70	12,13	0	0	−1·12	0	...	0	−2·2	6·9	7·0	+0·3	0	0	0	0	0	2	0	0	0	0
Belgaum	94·4	+1·2	101	1,26	68·5	+0·1	64	13	0	0·18	−2·12	0·18	24	1	−3·3	4·9	5·8	+0·6	1	0	0	1	0	0	0	0	0	0
Belgaum (Sambre Aerodrome)	96·6	...	103	26	68·8	...	64	10,12	0	0·13	...	0·13	24	1	...	15·7	14·5	...	1	0	0	1	0	0	0	0	0	0
Jath	101 3	+3·0	106	1	72·2	−0·4	68	13,14	0·02	0·39	−1·70	0·31	27	1	−3·1	8·0	9·7	+1·2	3	0	0	1	0	0	0	0	0	0
Hyderabad, North																												
Aurangabad	104·4	+0·9	108	26	76·2	+0·4	71	12	0	0	−0·72	0	...	0	−1·3	12·8	13·1	+3·2	0	0	0	0	0	0	0	0	0	0
Aurangabad (Chikalthana Aerodrome)	103·9	...	107	3,4,5	74·8	...	69	8	0	0	...	0	...	0	...	17·0	12·9	...	0	0	0	0	0	0	0	0	0	0
Parbhani	108·8	...	113	27	79·1	...	73	4,8	0	0	−0·76	0	...	0	−1·4	...	...	...	0	0	0	0	0	0	0	0	0	0
Ramagundam	111·9	...	115	4 days	88·6	...	84	16,17,20	0	0	...	0	...	0	...	6·0	4·6	...	0	0	0	0	0	0	0	0	0	0
Nizamabad	109 3	+2·7	113	27,29	82·2	+0·8	80	7 days	0	0	−0 68	0	...	0	−1·4	5·7	4·0	−0·3	0	0	0	0	0	0	0	0	0	0
Bidar	104·5	+2·3	108	28	81 9	+3·7	75	13	0	0	−0·92	0	...	0	−2·4	10 0	9·0	+1·1	0	0	0	0	0	0	0	0	0	0

(a) Mean of 30 days.

n 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.	n 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		
abad, South																														
arga	107·2	+2·3	110	7 days	81·5	+2·9	75	13	0	0	−1·12		...	0	−2·4	11·6	10·1	+1·8	0	0	0	0	0	0	0	0	0	0		
hur	107·0	+3·3	110	2	82·1	+3·0	77	13	0	0·11	−0·96	0·11	29	1	−1·3	9·0	10·1	+1·9	1	0	0	1	0	0	0	0	0	0		
bubnagar	106·1	...	110	31	83·5	...	79	13	0·07	0·07	...	0·05	25	0	...	9·4	8·6	...	2	0	0	1	0	1	0	1	0	0		
rabad (Nizamah).	106·9	+3·8	110	27,28,29	83·9	+4·2	79	8,13	0	0	−1·09	0	...	0	−2·3	10·3	8·2	+1·8	0	0	0	2	0	0	0	0	0	0		
rabad (Begumpet Aerodrome).	105·5	+4·2	109	29	83·0	+4·2	78	13,20	0	0	−1·09	0	...	0	−2·3	13·3	9·6	+2·5	0	0	0	2	0	0	0	0	0	0		
mpet	105·2	...	108	5 days	81·7	...	78	5 days	...	...	...	...	...	...	...	...	...	...	...	0	0	0	0	0	0	0	0	0		
amkonda	109·9	+5·4	114	28,29	84·6	+2·9	80	10	0	0	−1·22	0	...	0	−2·0	9·7	7·6	+1·3	0	0	0	0	0	0	0	0	0	0		
rachallam	110·0	...	113	4 days	84·3	...	79	12	0	0	...	0	...	0	...	6·2	6·6	...	0	0	0	4	0	3	0	0	0	0		
nmameth	110·7	...	114	29	84·7	...	81	7	0	0	...	0	...	0	...	6·0	5·9	...	0	0	0	4	0	5	0	0	0	0		
l Andhradesa																														
re	109·2	+5·0	114	11	85·0	+3·2	82	1,22	0	0·16	−0·93	0·16	29	1	−0·4	8·3	7·1	+1·5	1	0	0	0	0	0	0	0	0	0		
le	108·4	...	114	4 days	84·5	...	81	14	0	0	...	0	...	0	...	9·0	6·9	...	0	0	0	1	0	0	0	0	0	0		
avaram	108·2	...	114	28	83·7	...	77	14	0·15	0·27	...	0·15	4	2	...	9·4	9·3	...	2	0	0	8	0	0	0	0	0	0		
lipatam	101·2	+1·7	111	13,14	84·6	+2·9	81	8,27	0	0·02	−1·30	0·02	4	0	−2·0	12·5	10·3	+3·7	1	0	0	2	0	0	0	0	0	0		
nada	100·7	+1·5	113	13,14	83·3	+2·6	74	8	0	1·08	−0·46	0·58	8	4	+1·5	10·9	7·7	+2·0	4	0	0	2	0	1	0	0	0	0		
hapatnam	98·2	+0·7	110	14	82·2	+1·0	70	5	0·02	2·28	+0·28	0·81	2,5	4	+1·3	7·9	11·1	+2·5	4	0	0	6	0	0	0	0	1	0		
gapatam	92·6	−1·7	101	14	80·6	−0·1	72	5	0	2·99	+0·43	1·10	2	5	+1·8	8·9	10·6	+1·9	7	0	0	4	0	0	0	0	0	0		
achintala	112·0	+5·1	116	29	86·6	+2·4	80	14	0	0·01	−2·51	0·01	25	0	−2·8	6·9	6·1	−1·8	1	0	0	2	0	0	0	0	0	0		
seema																														
yavaram	98·1	...	101	26	77·2	...	65	26	0·04	1·34	...	0·90	27	2	...	9·6	7·0	...	3	0	0	4	0	0	0	0	0	0		
lapah	108·5	+2·9	111	8,12,22	86·7	+3·5	81	21,27	0	0·20	−1.31	0·08	23	0	−2·6	4·2	3·2	−2·9	4	0	0	0	0	0	0	0	0	0		
ry	103·7	+1·6	108	2	79·8	+2·1	72	25	0	0	−1·89	0	...	0	−3 3	8·7	8·5	+2·5	0	0	0	3	0	0	0	0	0	0		
ool	108·0	+3·5	111	28	82·6	+2·6	79	14	0	0	−1·08	0	...	0	−2·5	8·3	9·5	+2 7	0	0	0	0	0	0	0	0	0	0		
tapur	105·1	...	108	2	79·8	...	73	12	0·04	0·19	−1·85	0·08	23, 4	0	−3·7	9·2	9·8	...	3	0	0	2	0	0	0	0	0	0		
ad																														
amcottai	105·5	...	108	4 days	83·6	...	81	16	0	0	−1·63	0	...	0	−2·5	7·1	5·6	...	0	0	0	3	0	0	0	0	0	0		
an	90·7	−1·0	93	3,4	84·8	+3·7	82	21	0	0	−0·97	0	...	0	−1·7	15·8	13·3	+3·2	0	0	0	0	0	0	0	0	0	0		
urai	103·4	+4·6	106	14,28	80·9	+2·9	71	4	0	0·81	−1·53	0·52	28	2	−2·7	3·2	3·1	−1·2	5	0	0	6	0	0	0	0	0	0		
pattinam.	100·7	+3·4	107	13	83·2	+2·5	78	4	0	0	−1·57	0	...	0	−1·8	11·4	9·7	+3·3	0	0	0	0	0	0	0	0	0	0		
chirapalli	102·9	+2·4	106	14	80·5	+1·3	72	31	0	1·61	−1·70	0·49	31	4	−0·1	12·7	11·6	+2·0	6	0	0	2	0	0	0	0	0	0		
batore	92·5	−1·9	97	28	75·3	+1·7	70	31	0	3·72	+1·25	1·59	7	5	+0·5	9·9	8·4	+4·6	7	0	0	6	0	0	0	0	0	0		
batore (Peelamedu Aerodrome).	96·1	...	98	1,26,27	74·6	...	70	4 days	0	4·07	...	2·11	4	4	...	17·5	16·5	...	8	0	0	10	0	2	0	1	0	0		
n	100·3	+1·0	105	19	78·3	+1·3	73	2,31	1·32	4·31	−0·29	1·01	24	8	+0·9	4·7	5·2	+1·6	9	0	1	14	0	0	0	0	0	0		
kurichi	105·5	...	109	14,28	81·3	...	73	4	1·10	3·47	...	1·91	31	4	...	...	...	...	5	0	0	4	0	0	0	0	0	0		
dalore	100·7	+1·9	110	13	82·8	+2·4	79	4,6	0	0	−1·00	0	...	0	−1·3	6·5	9·3	+4·0	0	0	0	1	0	0	0	0	0	0		
ore	105·2	+3·4	109	10	81·6	+2·6	72	29	1·24	3·18	+0·89	1·21	4	6	+2·2	6·5	4·7	+0·9	7	0	0	11	0	0	0	2	0	0		
ras	104·5	+3·2	109	29	84·0	+2·3	82	6,22	0	0	−1·03	0	...	0	−1·1	13·0	11·5	+2·7	0	0	0	2	0	0	0	0	0	0		
ras (Nungambakkam).	101·0	...	108	31	83·8	...	82	4 days	...	0	...	0	...	0	...	...	7·5	...	0	0	0	0	0	0	0	0	0	0		
ar & South ra																														
galore	90·1	−0·7	92	24	80·8	+2·0	74	24	0	0.50	−5·68	0.32	26	2	−4·7	8·1	7·3	+1·8	4	0	0	3	0	0	0	0	0	0		
ikode	92·4	+2·3	94	7 days	78·8	+0·6	72	21	0·05	1·06	−8·22	0·41	26	2	−6·7	9·2	9·9	+2·9	10	0	0	10	0	0	0	0	0	0		
hat	95·6	...	98	14,23,24	77·6	...	70	4	0	3·65	...	2·32	31	3	...	12·0	9·9	...	6	0	0	5	0	0	0	0	0	0		
e																														
aldrug	97·6	+2·5	101	1,24	72·0	+0·1	67	13	0	0·26	−2·68	0·24	24	1	−3·4	6·9	7·4	+1·3	2	0	0	3	0	0	0	0	0	0		
oga	96·4	...	101	1,26	73·2	...	67	13	0·05	1·50	...	1·00	23	2	...	5·1	4·4	...	3	0	0	4	0	0	0	0	0	0		
an	92·9	+3·5	97	1	68·8	+1·2	62	15	0·57	0·82	−3·80	0·61	23	2	−5·2	8·1	8·5	+3·2	2	0	0	7	0	0	0	0	0	0		
alore (Central servatory).	94·1	+2·9	96	6 days	70·6	+1·7	64	27	0·94	2·00	−2·16	0·79	27	5	−1·6	8·3	7·5	+2·0	9	0	0	11	0	0	0	0	0	0		
alore (Aerodrome).	94·0	...	96	4 days	70·5	...	65	27	1·51	2·57	...	1·30	3	7	...	...	...	...	10	0	0	11	0	0	0	0	0	0		
ore	95·4	+3·5	98	1,26	70·9	+1·0	66	21	0·30	3·89	−1.70	1·86	1	6	−1·9	6·9	7·2	+1·1	6	0	0	10	0	0	0	0	0	0		
honnur	87·6	+3·0	93	24,26	67·9	+0·8	62	14	...	0·49	−3·66	0·41	24	1	−5·0	...	...	...	4	0	0	0	0	0	0	0	0	0		
ncore-Cochin																														
Cochin	87·7	+0·2	90	26	80·2	+2·0	74	4,21	0·09	3·54	−8·14	1·44	21	4	−8·3	10·3	8·6	+3·3	11	0	0	5	0	0	0	0	0	0		
in (Willingdon land Aerodrome)	89·8	...	91	5,9,24	78·7	...	73	4,21	0·03	5·59	...	4·34	21	3	...	7.0	4.3	...	11	0	0	7	0	0	0	0	1	0		
ppey	91·0	...	93	13	79·3	...	73	6,21	0·11	6·41	...	2·75	6	5	...	11·7	9·2	...	15	0	0	6	0	0	0	0	0	0		
andrum	91·0	+1·5	93	5 days	78·8	+1·3	75	23	0·31	0·65	−8·13	0·32	24	2	−8·1	10·9	7·1	+2·0	5	0	0	4	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
Hill Stations—Excluding Kashmir																											
Kohima	77·1	...	81	16,21,31	63·6	...	59	14	5·09	6·78	...	1·16	14	20	...	5·0	4·4	...	24	0	0	8	0	10	0	0	0
Aijal	77·6	...	83	2,8,26	63·9	...	58	11	3·33	14·05	...	2·25	11	14	...	6·4	7·2	...	17	0	0	14	0	0	0	0	0
Shillong	75·1	+1·1	80	25	60·2	+1·1	55	5 days	7·04	9·01	−2·28	1·88	10	14	−3·3	6·1	5·6	+1·9	18	0	0	17	1	0	0	0	0
Cherrapunji	71·3	−0·8	78	2,8	61·1	+0·1	58	4 days	27·08	78·43	+27·99	17·76	30	20	−2·0	9·6	7·7	+2·2	23	0	0	6	18	0	0	0	0
Darjiling	66·1	+3·2	71	26	54·0	+1·6	49	7	6·39	7·23	−2·40	1·29	28	13	−1·4	7·0	7·1	+2·3	18	0	0	5	16	0	0	0	0
Darjiling (Raj Bhawan).	67·6	...	72	25	56·0	...	52	7	3·40	5·80	...	1·47	9	12	...	2·6	2·3	...	17	0	0	8	30	0	0	0	0
Kalimpong	76·8	+2·2	80	2,8,25	64·3	+1·6	61	3,7	1·50	2·30	−3·97	0·60	4	5	−6·8	1·9	0·9	−5·9	9	0	0	0	0	0	0	0	0
Katmandu	88·1	+2·8	96	27,28	61·3	+0·9	58	2	0·87	1·99	−3·11	0·76	11	5	−5·5	3·0	1·6	+0·2	10	0	0	14	0	0	0	0	0
Mukteswar (Kumaon)	75·2	+2·1	82	27	57·2	+1·4	48	1,8	0	0·60	−1·70	0·17	6	4	−1·1	13·3	12·1	+5·1	4	0	0	12	0	0	0	0	0
Nainital	74·8 (n)	...	81	27,31	60·2 (n)	...	54	1	0	0·88 (n)	...	0·43	8	3	...	7·0	5·3	...	5	0	0	2	0	1	0	0	0
Lokpal	42·2	...	...	...	28.3	...	...	...	...	0·31	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jamuna Chetty	...	...	...	...	...	...	...	...	...	4·42	...	1·10	9	11	...	...	...	...	...	...	...	...	...	...	...	...	...
Mussooree	76·0	−0·5	84	27	59·9	+1·3	53	1,8	0·09	1·21	−0·46	0·44	1	4	−0·3	5·8	4·8	−1·2	5	0	0	9	0	0	0	0	0
Kharsali	...	...	...	...	...	...	...	...	...	5·06	...	1·42	12	12	...	...	...	...	...	...	...	...	...	...	...	...	...
Rana	...	...	...	...	...	...	...	...	...	10·64	...	2·00	10	14	...	...	...	...	...	...	...	...	...	...	...	...	...
Simla	75·2	+2·0	81	5	60·1	+2·4	51	14,23	0·50	1·55	−0·98	0·85	14	5	−0·2	3·7	2·7	−1·1	6	0	0	8	0	0	0	0	0
Dharampore	...	...	...	...	...	...	...	...	...	0·82	−1·12	0·42	14	3	−0·4	...	...	...	...	...	...	...	...	...	...	...	...
Kyelang	...	...	...	...	...	...	...	...	...	0·45	−1·86	0·35	26	2	−3·6	...	...	...	...	...	...	...	...	...	...	...	...
Gondla (R)																											
Kothi	...	...	...	...	...	...	...	...	...	2·15	...	1·24	22	3	...	...	...	...	...	...	...	...	...	...	...	...	...
Koksar	...	...	...	...	...	...	...	...	...	6·86	...	1·20	23	10	...	...	...	...	...	...	...	...	...	...	...	...	...
Dalhousie	81·9	...	91	16	62·5	...	49	20	0·15	0·20	−1·88	0·15	16	1	−3·2	2·8	4·6	...	3	0	0	2	0	0	0	0	0
Dharamshala	90·0	...	94	8 days	71·7	...	56	27	0	1·19	...	1·19	27	1	...	5·8	4·2	...	1	0	0	10	0	0	0	0	0
Pachmarhi	97·2	+1·4	101	27,28	78·2	+3·1	69	24	0·05	0·05	−0·57	0·05	14	0	−1·6	5·0	4·6	−0·7	1	0	0	0	0	0	0	0	0
Abu	86·4	−1·5	92	3	69·8	−1·3	63	13	0	0	−0·93	0	...	0	−1·3	9·1	7·6	+0·3	0	0	0	0	0	0	0	0	0
Mahabaleshwar	84·2	+0·4	92	26	66·2	+1·4	61	11,12	0	0	−1·60	0	...	0	−2·4	7·8	8·5	0	0	0	0	0	0	0	0	0	0
Nandi Hills*																											
Mercara	81·8	+1·7	89	1	65·7	+1·2	63	6 days	0·30	1·03	−4·18	0·48	24	2	−6·5	7·4	6·9	+3·1	5	0	0	0	0	0	0	0	0
Kodaikanal	71·1	+2·7	74	2,30	56·2	+1·5	50	21	0·84	3·07	−3·30	1·28	21	9	−1·6	7·3	7·2	+0·1	12	0	0	18	0	0	0	0	0
Ootacamund	71·8	+1·4	75	1	54·0	+1·5	50	22	1·41	4·93	−1·36	1·24	20	6	−6·0	3·9	2·9	+0·2	9	0	0	5	0	0	0	0	0
Coonoor	76 4	+0·1	81	10,12	58·5	−0·5	56	6 days	...	2·85	−1·32	1·66	21	5	−2·7	...	4·8	+1·5	6	0	0	3	0	0	0	0	0
Sikkim																											
Thangu (R)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chungthang (R)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lachen (R)	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tibet																											
Yatung (Chumbi)	66·7	+5·9	71	24	24·9	−17·4	19	3	...	3·10	−0·96	1·00	27	8	−3·0	...	...	...	9	0	0	0	0	0	0	0	0
Lhasa	65·8	...	80	31	42·3	...	31	1	...	0·74	...	0·20	17	2	...	...	0·2	...	8	0	0	1	0	2	0	0	0
Gyantse	66·7	+4·3	75	30	35·8	+1·8	28	1,5	...	0·40	−0·18	0·29	15	1	−1·2	...	0	−4·1	4	0	0	0	0	0	0	0	0
Ceylon																											
Colombo	88·3	+0·6	89	11 days	79·9	+2·3	75	18	0·07	0·79	−12.45	0·41	24	3	−11·1	...	...	...	7	0	0	1	0	0	0	0	0
Trincomalee	96·7	+3·5	101	14	80·2	+1·9	78	18	0	0·05	−2·63	0·05	24	0	−3·4	...	...	...	1	0	0	0	0	0	0	0	0
Batticoloa	92·3	...	98	8	78·9	...	77	14	0	0	...	0	...	0	...	...	...	...	0	0	0	0	0	0	0	0	0
Hambantota	88·7	+1·9	93	13	79·6	+2·3	77	1	0	0	−4·65	0	...	0	−6·8	...	...	...	0	0	0	0	0	0	0	0	0
Mannar	90·9	...	93	1	82 8	...	79	22,23	0	0	...	0	...	0	...	...	...	...	0	0	0	1	0	0	0	0	0
HYDROMETEOROLOGICAL OBSERVATORIES																											
Damodar Catchment																											
Bokaro	104·5	...	113	28	78·9	...	71	7	0·45	0·47	...	0·31	10	1	...	7·3	4·7	...	5	0	0	6	0	0	0	0	0
Hazaribagh	100·2	...	107	28	77·5	...	69	5,7	0·70	0.71	...	0·64	7	1	...	9·3	5·7	...	3	0	0	4	0	0	0	0	0
Barhi	103·3	...	110	28	81·0	...	73	7	0·42	0·42	...	0·27	10	2	...	...	...	...	2	...	...	...	...	...	...	...	...
Ramgarh	105·8	...	114	28	76·7	...	70	5,7	0·79	0·79	...	0·35	9	2	...	5·1	2·7	...	7	...	...	...	...	...	...	...	...
Dhanbad	104·0	...	113	31	80·5	...	72	3,7	0·75	0·79	...	0·46	7	2	...	7·3	5·8	...	8	0	0	5	0	0	0	0	0
Asansol	...	...	...	...	...	...	...	...	..	1·19	...	0·39	7	4	...	...	...	...	6	...	...	...	...	...	...	...	...
Dhanwar	...	...	...	...	...	...	...	...	.	0·66	...	0·31	12	2	...	...	...	...	3	...	...	...	...	...	...	...	...
Dumri	...	...	...	...	...	...	...	...	..	0·14	...	0·14	12	1	...	...	...	...	1	..	...	...	...	...	...	...	...
Bishungarh	...	...	...	...	...	...	...	...	..	0·19	...	0·10	6	1	...	...	...	...	2	...	...	...	...	...	...	...	...
Palganj (Giridih)	...	...	...	..	...	...	...	...	..	0·11	...	0·04	3,7	0	...	...	...	...	5	...	...	...	...	...	...	...	...
Chandwa	...	...	...	...	...	...	...	...	..	0·42	...	0·29	6	2	...	...	...	...	2	...	...	...	...	...	...	...	...
Pupunki (Chas Road)	...	...	...	...	...	...	...	...	..	1·19	...	0·46	7	3	...	...	...		6	...	...	...	...	...	...	...	...

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

ın 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 squa
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
OMETEORO-CAL OBSER-ORIES—*contd.*																												
ıadi Catchment																												
mul . .	108·5	...	113	14,15	79·8	...	71	7	0·01	1·33	...	0·82	7	4	...	3·0	2·2	...	6	...	...	...	...	...	...	...	...	...
rud . .	110·7	...	115	28,31	85·0	...	77	1,7	0	0·21	...	0·21	10	1	...	2·9	1·7	...	1	...	...	...	...	...	...	...	...	...
ıchhar . .	109·1	...	115	28	81·8	...	77	25	0	0	...	0	...	0	...	7·2	4·3	...	0	...	...	...	...	...	...	...	...	...
pur . .	110·1	...	114	28	85·6	...	77	11	...	0·40	...	0·40	11	1	...	...	4·4	...	1	...	...	...	...	...	...	...	...	...
bahar . .	106·5	...	118	27	78·6	...	71	7	...	0·62	...	0·37	10	2	...	...	...	...	2	...	...	...	...	...	...	...	...	...
Catchment																												
ban . .	80·5	...	90	29	53·5	...	51	19	...	0·74	...	0·25	12	2	...	...	...	...	10	...	...	...	...	...	...	...	...	...
inath* . .	64·0	...	66	23,24,25	39·7	...	38	19	...	0·19	...	0·06	19,20	0	...	...	...	...	5	...	...	...	...	...	...	...	...	...
ia Catchment.																												
sa . .	108·8	...	113	2,27	81·1	...	77	5,23	0	0	...	0	...	0	...	12·8	8·6	...	0	...	...	...	...	...	...	...	...	...
ı Tawa . .	108·6	...	113	27	84·9	...	78	1,24	0	0	...	0	...	0	...	7·0	4·9	...	0	...	...	...	...	...	...	...	...	...
ri . .	107·2	...	112	3	86·4	...	78	8	...	0	...	0	...	0	...	...	...	...	0	...	...	...	...	...	...	...	...	...
Catchment																												
lurbar . .	103·5	...	107	4 days	78·4	...	75	5	...	0	...	0	...	0	...	...	...	...	0	...	...	...	...	...	...	...	...	...
ıati Catchment																												
ol . .	99·1	...	105	3	74·3	...	64	1	...	0	...	0	...	0	...	...	...	...	0	...	...	...	...	...	...	...	...	...
oi† . .	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

* Observations for 21 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 %.	Departure from normal.	Cloud amount (Oktas).		Mean wind speed, miles per hour.	Wind speed (m.p.h.).			No of observations. Wind direction.								
			At mean sea or nearest s.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																										
Table Island . . (R)	0830	108																								
(R)	1730	,,																								
Maya Bandar . . .	0830	76	1009·5	1006·9	...	85·1	81·0	79·5	34·4	84	...	5·8	...	6·3	0	1	25	0	0	0	0	0	17	9	0	5
	1730	,,	1007·4	1004·8	...	83·2	80·0	78·7	33·8	87	...	6·0	...	8·2	0	3	25	0	1	0	0	0	19	7	1	3
Long Island . . .	0830	110 ~~80~~ 49	1008·7	1005·9	...	85·1	80·2	77·8	32·8	78	...	5·3	...	1·4	0	0	21	0	0	1	1	1	11	7	0	10
	1730	,,	1006·5	1003·7	...	83·2	79·1	76·8	32·2	82	...	5·5	...	1·7	0	0	21	0	1	1	4	1	11	3	0	10
Port Blair	0530	259	1008·4	999·5	...	77·9	76·3	75·7	30·4	93	...	5·3	...	3·9	0	0	27	0	0	0	0	0	11	15	1	4
	0830	,,	1009·8	1000·9	+1·0	84·0	79·1	76·9	31·6	80	+2	6·1	+0·5	7·0	0	1	29	0	0	0	0	0	13	16	1	1
	1130	,,	1008·9	1000·1	...	86·2	79·5	76·6	30·9	74	...	6·3	...	9·0	0	2	28	0	0	0	1	0	9	18	2	1
	1730	,,	1007·3	998·4	...	81·6	77·9	76·3	31·6	84	...	6·4	...	7·4	0	2	29	0	0	0	0	2	15	14	0	0
	2330	,,	1008·8	999·9	...	78·8	77·1	76·3	31·3	92	...	4·5	...	4·9	0	3	22	0	0	0	0	0	18	7	0	6
Kondul . . (R)	0830	30																								
(R)	1730	,,																								
Car Nicobar . . .	0830	33	1010·0	1009·1	...	83·2	79·5	77·4	33·2	83	...	6·2	...	2·8	0	0	29	0	0	0	1	2	16	7	3	2
	1730	,,	1007·5	1006·6	...	82·7	79·2	77·5	32·5	85	...	6·7	...	1·5	0	0	20	0	0	0	0	0	13	4	3	11
Nancowry . . .	0830	70	1010·2	1007·8	...	85·2	78·4	76·3	30·7	81	...	5·9	...	6·7	0	1	28	0	0	0	0	0	17	10	2	2
	1730	,,	1008·0	1005·6	...	80·9	77·6	76·1	30·5	85	...	6·0	...	4·8	0	0	27	0	0	0	0	0	12	10	5	4
Assam																										
Dibrugarh . . .	0830	348	1006·5	994·5	−1·6	78·8	74·6	72·5	29·1	82	−1	5·8	+0·4	1·4	0	0	21	6	3	6	1	1	1	1	2	10
	1730	,,	1002·7	990·8	...	79·8	75·6	73·7	28·6	83	...	5·1	...	0·8	0	0	10	1	4	2	0	1	1	0	1	21
Dibrugarh (Mohanbari Aerodrome)	0230	364	1004·6	991·9	...	73·0	71·9	71·0	26·4	94	...	6·2	...	1·6	0	0	14	1	10	3	0	0	0	0	0	17
	0530	,,	1005·8	993·2	...	73·2	71·9	71·0	25·9	93	...	6·5	...	1·2	0	0	13	0	7	2	1	1	1	1	0	18
	0830	,,	1006·8	994·8	...	78·5	74·0	71·4	26·0	81	...	6·6	...	2·2	0	0	24	1	12	5	2	0	1	2	1	7
	1130	,,	1005·8	993·4	...	81·6	75·0	71·8	26·8	74	...	6·8	...	2·6	0	0	27	0	13	3	2	3	2	3	1	4
	1730	,,	1002·9	990·5	...	80·3	74·5	71·7	2·66	77	...	6·3	...	2·4	0	1	18	4	11	0	0	1	2	0	1	12
	2330	,,	1005·1	992·5	...	74·5	72·7	71·8	26·4	91	...	5·9	...	1·4	0	0	9	1	8	0	0	0	0	0	0	22
Sibsagar . . . (R)	0830	317																								
(R)	1730	,,																								
Tezpur	0830	258	1006·8	997·9	−1·2	78·0	74·6	72·8	27·6	84	+3	5·8	+0·6	2·1	0	0	27	0	2	17	4	1	1	2	0	4
	1730	,,	1001·8	993·0	...	84·0	77·3	74·4	29·3	74	...	3·8	...	0·9	0	0	12	0	3	7	0	0	0	2	0	19
Tezpur (P. B. O.) . .	0230	257	1003·9	994·9	...	74·4	73·0	72·1	27·0	93	...	5·5	...	1·9	0	0	16	2	9	0	1	0	4	0	0	15
	0530	,,	1005·5	996·5	...	74·0	72·5	71·7	26·6	93	...	5·9	...	2·1	0	0	22	4	7	7	1	1	2	0	0	9
	0830	,,	1006·4	997·9	...	79·3	74·6	72·1	27·4	79	...	5·8	...	2·5	0	0	25	4	6	9	1	1	3	1	0	6
	1130	,,	1005·5	996·7	...	83·9	75·8	71·6	26·9	69	...	5·9	...	3·2	0	0	29	3	8	6	4	1	6	1	0	2
	1730	,,	1002·0	993·2	...	82·5	76·1	73·1	27·7	74	...	4·7	...	2·1	0	0	21	4	4	3	3	1	5	0	1	10
	2330	,,	1004·4	995·5	...	75·6	73·6	72·5	27·4	91	...	5·1	...	2·3	0	0	18	2	6	1	3	2	4	0	0	13
Gauhati	0830	182	1006·4	1000·1	−0·7	80·5	75·4	73·3	27·9	78	−1	5·1	+0·1	1·8	0	0	27	4	8	3	3	5	2	1	1	4
	1730	,,	1001·0	994·8	...	84·5	76·9	73·3	28·3	70	...	4·7	...	1·9	0	0	26	1	5	4	8	4	2	0	2	5
Gauhati (Kaikuchi Aerodrome).	0230	162	1003·0	997·4	...	74·5	72·9	72·0	27·1	92	...	4·5	...	2·3	0	0	18	1	6	1	1	5	1	3	0	13
	0530	,,	1004·4	998·8	...	74·1	72·8	72·1	26·7	94	...	5·5	...	1·4	0	0	11	0	7	2	0	1	0	1	0	20
	0830	,,	1006·0	1000·4	...	81·8	75·9	73·1	27·7	76	...	5·3	...	4·4	0	0	30	7	14	3	4	0	1	1	0	1
	1130	,,	1004·9	999·3	...	85·5	77·4	73·6	28·3	68	...	4·8	...	6·1	0	1	27	6	14	1	1	1	2	0	3	3
	1730	,,	1001·5	995·9	...	84·2	76·9	73·5	29·5	71	...	4·3	...	3·5	0	0	27	3	13	2	0	2	2	1	4	4
	2330	,,	1003·6	998·0	...	76·2	74·4	73·6	28·0	92	...	4·7	...	2·6	0	0	19	4	8	1	1	1	3	1	0	12
Dhubr . . (R)	0830	115																								
(R)	1730	,,																								
Silchar . .	0830	96	1007·7	1004·4	0	78·2	74·7	73·0	27·8	85	+5	5·9	+0·9	1·0	0	0	15	0	5	5	2	1	1	1	0	16
	1730	,,	1003·4	1000·1	...	82·4	76·7	74·1	29·1	77	...	4·4	...	0 8	0	0	12	1	1	2	2	1	1	2	2	19
Tura	0830	1,215	1005·8	964·9	...	79·5	74·9	72·5	27·6	79	...	5·5	...	4·5	0	0	24	0	2	1	8	4	4	4	1	7
	1730	,,	1002·0	961·1	...	83·4	77·5	75·2	29·4	76	...	4·7	...	6·1	0	3	22	0	0	0	15	4	4	1	1	6
Lumding	0830	488	1006·5	985·9	...	81·6	78·3	76·7	31·3	86	+8	3·5	...	2·1	0	0	18	1	4	1	6	1	2	0	3	13
	1730	,,	1003·1	986·6	...	86·7	84·3	83·2	38·9	89	...	3·6	...	3·1	0	0	22	1	0	3	3	4	6	2	3	9
Agartala . (R)	0230	52																								
	0530	,,	1004·1	1002·3	...	76·7	75·3	74·6	29·2	94	...	5·9	...	6 5	0	5	17	2	0	4	7	9	0	0	0	9
	0830	,,	1005·4	1003·6	...	83·4	78·2	75·9	30·9	7 9	...	5·9	...	11·3	0	10	21	1	1	0	13	14	1	0	1	0
	1130	,,	1004·8	1003·1	...	87·5	79·6	76.1	31·0	70	...	6·3	...	10·5	0	10	20	1	0	2	9	16	1	0	1	1
	1730	,,	1002·0	1000·2	...	84·1	78·5	76·2	30·9	79	...	4·6	...	9·7	0	10	18	2	0	1	4	18	2	0	1	3
(R)	2330	,,																								

(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, miles per-hour.	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	SW	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
m—*contd.*																										
phal	0830	2628	899·2	920·4	...	76·7	70·6	68·1	23·2	75	...	6·3	...	1·6	0	0		0	0	3	0	3	4	1	1	19
	1130	,,	898·6	919·7	...	79·5	71·5	68·1	22·8	72	...	5·9	...	3·3	0	0	3	1	1	4	1	2	12	2	0	8
	1730	,,	895·5	916·6	...	78·1	70·2	66·9	21·9	70	...	5·9	...	4·4	0	0	23	2	0	1	0	0	7	12	1	8
st Bengal im Dum	0230	33	1002·3	1001·2	...	81·8	78·7	77·3	32·3	86	...	3·7	...	8·7	0	8	20	1	2	0	4	16	4	1	0	3
	0530	,,	1002·8	1001·7	...	81·4	78·8	77·7	32·6	88	...	3·8	...	7·4	0	2	26	0	2	1	6	13	4	1	1	3
	0830	,,	1004·5	1003·4	...	88·4	80·9	77·8	32·6	71	...	4·6	...	14·0	0	16	14	0	0	1	2	16	10	0	1	1
	1130	,,	1003·9	1002·8	...	94·1	81·7	76·5	31·1	57	...	3·7	...	14·3	0	18	13	1	2	2	3	10	12	0	1	0
	1730	,,	1000·9	999·8	...	89·6	80·5	76·6	31·6	67	...	3·7	...	19·2	2	17	12	0	0	2	5	15	8	0	1	0
	2330	,,	1003·0	1001·9	...	82·9	79·0	77·3	31·9	83	...	4·6	...	10·1	0	11	17	0	0	1	6	14	7	0	0	3
alcutta	0830	21	1004·5	1003·8	−0·6	88·7	81·4	78·3	32·9	72	−2	3·3	−0·9	6·9	0	1	29	0	1	1	4	11	11	2	0	1
	1730	,,	1001·2	1000·5	...	89·9	80·8	76·3	31·9	65	...	3·1	...	7·0	0	1	30	1	0	2	3	16	7	0	2	0
rrackpore	0530	23	1003·0	1002·2	...	81·5	76·7	78·0	28·9	89	...	3·4	...	5·2	0	3	26	0	1	4	4	15	3	1	1	2
	0830	,,	1004·4	1003·7	...	88·2	82·2	79·9	34·8	77	...	3·5	...	8·2	0	6	25	0	1	4	2	15	9	0	0	0
	1130	,,	1003·8	1003·1	...	94·2	82·8	78·9	32·9	62	...	3·1	...	8·4	0	5	25	1	1	3	6	10	8	0	1	1
	1730	,,	1000·9	1000·2	...	89·6	81·0	78·4	32·4	70	...	3·9	...	10·5	1	7	23	0	0	1	7	14	7	0	2	0
	2330	,,	1003·0	1002·2	...	83·3	79·2	77·6	31·7	84	...	3·8	...	6·3	0	0	28	0	0	2	8	13	5	0	0	2
augor Island	0830	10	1004·5	1004·2	−0·6	87·9	82·4	80·2	35·3	79	+4	5·2	+0·2	23·0	1	26	4	0	0	0	2	15	14	0	0	0
	1730	,,	1001·3	1001·0	...	87·5	82·5	80·6	35·7	80	...	5·1	...	23·4	0	30	1	0	1	0	8	15	7	0	0	0
adheads	0530	32	1003·4	1002·3	...	84·9	81·8	80·5	35·9	87	...	4·2	...	11·1	0	13	17	1	0	0	0	6	22	1	0	1
	0830	,,	1004·9	1003·8	−0·5	86·2	92·3	80·7	35·7	84	+5	4·2	+0·4	9·7	0	8	23	0	0	0	0	5	24	1	1	0
	1130	,,	1004·3	1003·2	...	86·4	82·5	80·9	36·0	84	...	3·5	...	11·4	0	14	16	0	0	0	1	8	20	1	0	1
	1730	,,	1001·6	1000·5	...	86·0	82·6	81·2	36·3	86	...	3·6	...	13·7	0	18	13	0	0	0	0	16	15	0	0	0
	2330	,,	1003·0	1001·9	...	83·8	81·3	79·9	34·9	85	...	1·6	...	13·7	0	19	12	0	0	0	2	10	18	1	0	0
idnapore	0830	149	1004·4	999·0	−0·7	89·1	80·6	77·2	31·8	69	0	2·0	−0·9	3·5	0	0	20	1	0	2	0	22	4	0	0	2
	1730	,,	1000·3	995·3	...	92·3	80·3	75·2	29·9	58	...	3·7	...	4·1	0	0	30	2	1	0	3	23	1	0	0	1
ontai	0830	35	1004·1	1002·9	...	88·2	83·0	81·0	36·5	80	...	4·9	...	11·5	0	12	18	0	0	0	1	6	23	0	0	1
	1730	,,	1000·9	999·7	...	87·6	83·7	82·5	37·5	84	...	4·8	...	12·4	0	15	15	0	0	0	7	16	7	0	0	1
urdwan	0830	106	1003·5	999·8	−1·4	86·7	79·5	76·2	31·5	71	−3	0·6	−3·6	3·0	0	0	30	0	3	0	3	5	19	0	0	1
	1730	,,	999·8	996·0	...	95·2	79·0	71·2	26·8	49	...	1·7	...	3·0	0	0	26	0	4	1	10	4	6	0	1	5
Krishnagar	0830	40	1004·4	1002·7	−0·7	87·0	81·3	79·2	34·2	77	+2	3·7	−0·3	4·8	0	0	31	0	0	4	2	20	1	4	0	0
	1730	,,	1000·6	999·0	...	91·8	80·4	76·1	30·1	62	...	4·0	...	4·1	0	0	28	0	0	4	1	19	0	3	1	3
Asansol	0230	414	1001·2	987·2	...	83·3	76·2	72·6	27·8	72	...	1·7	...	4·5	0	0	25	0	1	3	6	12	2	1	0	6
	0530	,,	1002·1	987·9	...	81·2	75·8	73·1	27·9	78	...	3·3	...	2·6	0	0	22	0	1	10	6	4	1	0	0	9
	0830	,,	1003·5	989·6	−0.5	90·6	77·3	70·2	25·7	55	−8	2·3	−0·8	3·7	0	0	26	0	1	5	5	7	0	6	2	5
	1130	,,	1002·6	988·9	...	100·4	75·7	60·2	19·4	32	...	1·9	...	4·5	0	0	30	3	3	8	2	1	1	6	6	1
	1730	,,	998·8	985·2	...	99·3	73·6	55·8	16·9	31	...	3·4	...	5·1	0	1	26	3	0	7	3	3	0	2	9	4
	2330	,,	1001·8	987·9	...	86·2	76·8	71·7	27·1	65	...	1·3	...	5·2	0	0	29	0	0	5	11	11	0	2	0	2
erhampore	0830	62	1003·8	1001·7	−1·5	85·3	79·3	75·8	31·5	74	+1	4·0	−0·4	4·2	0	0	29	2	0	5	7	11	4	0	0	2
	1730	,,	999·8	997·7	...	94·7	77·4	67·8	24·0	47	...	4·2	...	3·2	0	0	26	3	0	8	3	9	1	2	0	5
Malda	0830	103	1004·2	1000·7	−1·1	85·2	78·6	76·0	30·5	75	+4	3·4	0	6·5	0	1	30	0	2	10	7	8	4	0	0	0
	1730	,,	999·7	996·2	...	93·5	78·9	71·5	27·2	52	...	2·4	...	4·2	0	0	29	6	5	5	5	2	1	0	5	2
Cooch Behar	0830	145	1006·3	1001·2	...	80·5	75·6	73·0	29·3	78	...	5·9	...	2·4	0	0	30	0	1	18	6	4	0	1	0	1
	1730	,,	1001·9	997·0	...	84·8	78·4	75·6	31·3	75	...	4·1	...	1·7	0	0	25	1	0	10	5	5	1	3	0	6
Jalpaiguri	0830	271	1005·9	996·5	−0·8	79·8	75·0	72·6	27·2	79	0	5·4	+2·6	5·9	0	1	28	1	11	13	2	1	0	0	1	2
	1730	,,	1001·4	992·1	...	86·1	77·8	73·8	28·4	68	...	3·2	...	5·2	0	0	31		8	12	3	3	1	1	0	0
Jalpaiguri (P. B. O.)	0530	271	1004·1	994·7	...	75·1	72·9	71·8	26·9	90	...	5·5	...	1·6	0	0	17		7	8	0	0	0	0	0	14
	1130	,,	1004·8	995·6	...	85·6	77·5	73·7	28·7	69	...	5·5	...	4·3	0	0	26	0	1	19	5	1	0	0	0	5
	2330	,,	1003·7	994·4	...	77·8	74·7	73·0	28·1	86	...	5·2	...	3·2	0	0	24	4	9	6	1	1	0	1	2	6
Bagdogra	0530	416	1003·8	989·4	...	74·7	72·4	71·0	25·8	89	...	5·5	...	3·2	0	1	16	1	10	5	0	0	0	0	1	14
	0830	,,	1005·3	991·0	...	81·9	75·0	71·7	26·4	72	...	5·2	...	7·7	0	5	20	0	6	16	3	0	0	0	0	6
	1130	,,	1004·4	990·3	...	87·1	77·1	72·2	27·2	62	...	5·1	...	7·4	0	3	26	0	0	22	6	1	0	0	0	2
	1730	,,	000·7	986·6	...	85·2	76·7	72·8	27·5	68	...	3·6	...	5·7	0	4	20	1	7	9	5	1	0	1	0	7
rissa Balasore	0830	65	1004·0	1001·8	−0·7	87·3	82·8	81·1	36·3	82	+12	3·1	−0·4	9·1	0	6	24	0	0	0	2	16	12	0	0	1
	1730	,,	1000·5	998·3	...	89·8	84·0	81·4	36·8	78	...	4·2	...	8·8	0	7	23	0	0	0	13	12	5	0	0	1
Chandbali	0830	20	1004·6	1003·9	−0·1	89·3	1·7	78·8	33·7	71	−2	1·9	−2·8	4·1	0	0	31	0	1	0	9	6	15	0	0	0
	1730	,,	1001·8	1001·1	...	89·0	81·0	77·7	32·5	69	...	2·0	...	6·1	0	0	31	0	3	0	23	1	3	0	1	0

* 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, miles per hour.	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
Orissa—*contd.*																										
Puri	0830	20	1004·9	1004·2	−0·3	86·0	82·0	80·6	35·5	84	+3	4·8	+1·0	16·2	0	23	8	0	0	0	0	10	21	0	0	0
	1730	,,	1001·7	1001·0	...	86·3	82·4	80·9	35·9	84	...	3·7	...	18·3	0	25	6	0	0	0	0	18	13	0	0	0
Bhubaneswar	0530	150	1003·2	998·0	...	83·1	79·5	77·9	32·9	85	...	5·3	...	11·7	0	11	18	0	0	2	1	1	23	2	0	2
	0830	,,	1004·6	999·4	...	89·3	81·0	77·5	32·1	69	...	3·6	...	16·1	0	18	12	0	0	0	1	4	23	2	0	1
	1130	,,	1003·6	998·6	...	98·3	81·2	73·3	28·8	46	...	2·0	...	16·7	0	20	11	0	0	2	1	2	23	3	0	0
	1730	,,	1001·1	995·9	...	91·7	80·4	75·4	30·0	61	...	4·2	...	19·7	0	27	4	0	0	1	0	12	17	1	0	0
	2330	,,	1003·3	998·1	...	84·9	79·9	77·7	32·6	79	...	4·1	...	16·3	0	19	11	0	1	1	1	6	20	1	0	1
Cuttack	0830	87	1004·4	1001·5	−0·8	89·1	81·4	78·3	33·4	70	0	3·1	−0·8	2·5	0	0	14	0	0	0	0	4	10	0	0	17
	1730	,,	1000·2	997·3	...	96·1	81·4	74·5	30·2	52	...	4·1	...	3·7	0	0	22	0	1	0	1	11	9	0	0	9
Cuttack (P. B. O.)	0230	87	1002·0	999·2	...	84·2	79·8	78·1	32·6	82	...	4·8	...	4·1	0	0	25	0	3	0	3	10	9	0	0	6
	0530	,,	1003·1	1000·2	...	83·6	79·8	78·3	32·7	85	...	5·0	...	2·8	0	0	23	0	1	0	5	8	8	0	1	8
	0830	,,	1004·3	1001·5	...	90·2	81·8	78·8	33·1	70	...	3·9	...	3·9	0	0	26	0	0	0	4	10	12	0	0	5
	1130	,,	1003·4	1000·6	...	98·7	82·1	76·1	30·0	50	...	2·0	...	4·5	0	0	28	1	1	1	4	12	8	1	0	3
	1730	,,	1000·6	997·9	...	93·4	80·4	75·3	29·5	57	...	4·2	...	4·7	0	0	30	0	0	0	11	10	9	0	0	1
	2330	,,	1003·0	1000·1	...	85·3	80·2	78·3	33·1	80	...	3·4	...	4·1	0	0	28	0	3	0	4	9	12	0	0	3
Gopalpur	0530	56	1003·2	1001·3	...	81·5	79·4	78·5	33·5	91	...	3·7	...	9·7	0	10	19	1	0	0	1	10	17	0	0	2
	0830	,,	1005·0	1003·1	−0·1	85·5	80·9	78·9	34·1	81	+2	3·3	+0·9	10·6	0	9	21	3	0	0	0	10	17	0	0	1
	1130	,,	1004·2	1002·3	...	88·8	82·1	79·6	34·8	75	...	1·8	...	13.5	0	16	15	0	0	0	1	13	17	0	0	0
	1730	,,	1001·8	999·9	...	85·0	81·0	79·3	34·3	83	...	4·3	...	13·3	0	15	16	1	0	0	0	12	16	1	1	0
	2330	,,	1003·4	1001·5	...	83·1	80·1	79·0	33·7	87	...	2·1	...	14·1	0	19	12	0	1	0	1	11	17	1	0	0
Koraput	0830	2,996	898·4	907·7	...	84·5	71·4	62·6	21·1	52	...	1·8	...	5·7	0	0	31	0	0	0	0	5	13	11	2	0
	1730	,,	895·5	904·5	...	92·3	71·0	58·6	17·0	35	...	5·4	...	5·6	0	0	31	7	1	0	1	3	3	11	5	0
Angul	0830	455	1004·3	989·0	−0·1	90·1	77·9	72·7	27·4	60	−6	1·9	+1·6	4·2	0	0	30	3	9	8	4	3	1	1	1	1
	1730	,,	999·2	984·3	...	101·6	75·3	59·1	17·7	29	...	5·1	...	10·1	0	6	25	3	3	3	6	6	4	3	3	0
Sambalpur	0830	486	1002·8	986·9	−1·1	94·3	79·0	71·7	26·5	49	+1	1·9	−0·5	2·1	0	0	21	1	2	2	3	3	7	3	0	10
	1730	,,	998·4	983·0	...	107·3	80·0	65·9	22·2	28	...	2·7	...	2·5	0	0	26	2	1	4	0	0	6	3	10	5
Jharsuguda	0230	726	1000·7	976·2	...	87·5	70·8	61·9	18·5	45	...	2·4	...	1·9	0	0	17	1	0	4	6	3	1	2	0	14
	0530	,,	1001·7	977·1	...	84·1	70·9	64·4	20·1	53	...	2·8	...	1·3	0	0	14	1	1	3	3	6	0	0	0	17
	0830	,,	1003·1	979·0	...	95·3	75·5	66·0	20·9	40	...	1·6	...	1·9	0	0	18	3	3	1	4	5	1	1	0	13
	1130	,,	1001·8	978·0	...	103·9	74·8	60·5	16·4	26	...	0·9	...	3·6	0	0	27	3	2	0	2	6	6	4	4	4
	1730	,,	997·9	974·2	...	104·1	71·4	53·2	11·7	20	...	2·5	...	3·3	0	0	19	1	1	0	0	0	1	4	12	12
	2330	,,	1000·9	976·6	...	91·2	70·4	59·2	15·7	36	...	2·7	...	2·0	0	0	17	2	1	2	3	4	2	0	3	14
Titilagarh	0830	691	1003·6	980·7	...	93·8	72·9	59·9	18·0	34	...	1·8	...	2·6	0	0	28	0	1	0	6	12	8	1	0	3
	1730	,,	998·2	975·9	...	106·2	73·9	53·5	13·6	19	...	3·8	...	1·3	0	0	21	4	2	1	1	1	4	4	4	10
Chota Nagpur																										
Purulia	0830	835	1003·8	976·4	...	91·1	75·1	65·7	22·5	50	...	4·0	...	3·9	0	0	31	0	2	2	10	1	9	2	5	0
	1730	,,	998·5	971·5	...	98·1	72·1	54·5	15·1	29	...	5·7	...	4·1	0	0	27	5	2	2	5	1	5	3	4	4
Jamshedpur	0830	423	1003·5	989·3	−0·1	90·8	74·4	71·0	21·5	54	−4	1·5	−1·3	4·4	0	0	29	0	0	5	2	0	5	13	4	2
	1730	,,	998·6	984·7	...	100·1	75·0	59·3	18·4	33	...	3·7	...	5·7	0	2	23	3	1	6	1	2	2	6	4	6
Jamshedpur (P. B. O.)	0530	477	1002·7	986·2	...	84·2	77·0	74·4	28·7	73	...	2·5	...	1·3	0	0	15	0	0	7	2	1	0	0	5	16
	0830	,,	1003·6	987·6	...	87·9	79·1	75·1	29·7	61	...	1·4	...	3·5	0	0	29	0	0	5	1	2	4	13	4	2
	1130	,,	1002·4	986·5	...	101·8	78·2	69·4	22·4	38	...	1·4	...	4·6	0	0	31	1	1	5	3	0	2	12	7	0
	1730	,,	999·4	983·7	...	100·0	77·9	68·8	22·7	41	...	3·5	...	4·9	0	1	25	1	0	5	5	0	1	4	10	5
	2330	,,	1002·2	985·9	...	89·3	78·3	73·4	28·0	63	...	1·9	...	3·2	0	0	25	0	2	13	3	0	2	3	2	6
Chaibasa	0830	742	1003·3	978·8	−0.2	90·5	77·2	70·5	25·5	55	−4	2·0	−0·5	1·2	0	0	17	0	3	0	2	2	9	1	0	14
	1730	,,	1004·0	974·4	...	100·3	74·4	57·2	17·2	32	...	5·8	...	2·1	0	0	26	3	6	0	4	3	4	1	5	5
Ranchi	0830	2,150	896·4	932·8	−0·4	89·4	71·0	60·4	18·3	43	−4	1·9	−0·3	1·0	0	0	11	1	1	1	0	5	2	0	1	20
	1730	,,	893·5	929·8	...	94·2	71·7	56·1	17·4	34	...	2·1	..	0·3	0	0	4	0	1	0	0	1	0	1	1	27
Hazaribagh (R)	0830	2,006																								
(R)	1730	,,																								
Hazaribagh (C. W.)	0530	2,008	893·1	935·5	...	77·7	66·4	59·1	17·3	56	...	2·1	..	0·7	0	0	7	0	0	0	2	3	0	1	1	24
	0830	,,	895·8	937·2	...	91·5	70·5	57·6	16·9	36	...	1·0	...	3·4	0	0	25	2	0	0	4	5	3	5	6	6
	1130	,,	895·9	936·7	...	98·9	71·5	54·5	15·0	25	...	1·9	...	5·1	0	1	29	2	1	0	4	1	2	11	9	1
	1730	,,	892·6	933·6	...	95·5	70·0	53·4	14·7	27	...	1·4	...	3·5	0	0	30	3	2	0	3	1	1	12	8	1
	2330	,,	893·8	935·8	...	83·2	67·5	57·5	16·9	45	...	0·8	...	2·1	0	1	12	1	0	0	7	2	0	2	1	18
Daltonganj	0830	725	1002·8	978·8	−0·4	96·7	72·9	57·3	16·5	30	−10	0·6	−0·8	2·3	0	0	21	4	0	2	1	0	2	8	4	10
	1730	,,	997·8	974·3	...	104·4	71·9	48·2	12·0	17	...	1·4	...	5·0	0	0	31	5	3	1	1	0	1	8	12	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.			Mean temperature in °F.			Vapour pressure in mbs.	Relative humidity %.	Departure from normal.	Cloud amounts (Oktas)		Mean wind speed, miles per hour.	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
ar																										
arnea	0830	124	1004·3	1000·0	−1·2	84·0	77·3	74·2	29·3	73	+1	3·4	0	3·2	0	0	28	1	6	19	2	0	0	0	0	3
	1730	,,	999·6	995·5	...	92·8	78·1	71·0	26·5	52	...	1·3	...	2·5	0	0	24	0	4	14	0	0	1	5	0	7
orbesganj (R)	0830	199																								
(R)	1730	,,																								
arbhanga (R)	0830	161	1004 3	998·7	−0·6	84·6	78·0	74·7	29·9	70	+6	2·1	−0·3	3·5	0	0	31	0	4	15	11	0	0	0	1	0
	1730	,,	999·4	994·6	...	96·9	80·0	72·8	27·1	47	...	1·0	...	1·7	0	0	19	0	2	5	4	0	1	4	3	12
Motihari (R)	0830	218																								
(R)	1730	,,																								
atna	0830	173	1003·2	997·3	−0·9	89·2	75·5	68·2	24·2	54	−4	1·0	− 08	4·9	0	0	31	0	9	8	7	1	3	2	1	0
	1730	,,	999·7	993·9	...	99·8	80·2	69·6	26·5	43	...	0·4	...	5·7	0	0	31	7	9	1	0	0	0	10	4	0
atna (Aerodrome)	0530	196	1001·3	994·5	...	81·1	72·5	66·5	23·5	66	...	1·7	...	4·1	0	1	25	3	2	11	2	1	1	6	0	5
	0830	,,	1002·8	996·1	...	89·9	74·6	65·0	22·0	49	...	1·4	...	6·4	0	0	28	0	1	12	4	1	3	4	3	3
	1130	,,	1002·3	995·8	...	98·1	74·9	60·1	19·3	35	...	1·8	...	9·6	0	6	25	2	4	9	3	1	0	6	6	0
	1730	,,	998·4	991·9	...	100·7	74·1	54·8	16·8	29	...	1·2	...	8·3	0	2	29	1	4	10	0	0	0	5	11	0
Dehri	0830	352	1002·6	990·9	...	92·0	74·2	58·4	20·5	36	...	1·0	...	2·6	0	0	29	0	4	2	7	0	8	0	8	2
	1730	,,	997·9	986·5	...	104·3	73·0	52·0	13·3	19	...	1·5	...	3·9	0	0	31	0	7	1	0	0	2	0	21	0
Gaya	0230	373	1000·0	987·4	...	87·2	69·5	56·9	17·4	40	...	0·5	...	6·0	0	1	25	0	2	7	3	3	6	4	1	5
	0530	,,	1000·8	988·2	...	83·8	65·2	56·8	13·0	44	...	1·7	...	4·8	0	0	28	1	2	6	3	7	6	3	0	3
	0830	,,	1002·6	990·5	−0·2	95·5	71·7	54·1	16·2	30	−6	0·7	−0·9	9·5	0	8	22	0	3	6	1	1	6	9	4	1
	1130	,,	1001·9	989·6	...	102·3	73·1	51·0	14·9	21	...	1·4	...	14.5	0	16	15	3	5	3	1	0	2	11	6	0
	1730	,,	998·0	985·8	...	103·3	72·0	46·7	12·4	17	...	1·4	...	13·8	0	15	16	2	5	3	0	1	0	11	9	0
	2330	,,	1000·8	988·2	...	90·8	70·9	56·6	16·7	35	...	0·4	...	7·0	0	3	23	0	4	9	1	3	3	5	1	5
Jamui	0830	270	1003·5	994·6	...	92·0	77·5	70·7	25·6	54	...	1·5	...	3·9	0	0	27	2	0	13	4	0	0	2	6	4
	1730	,,	998·8	989·7	...	100·0	82·0	73·9	29·1	45	...	1·0	...	4·5	0	0	29	1	0	9	1	1	0	3	14	2
Dumka (R)	0830	489																								
(R)	1730	,,																								
Sabour	0830	122	1003·7	999·6	−0.5	87·9	79·2	75·0	30·4	68	+4	2·1	−1·7	5·9	0	0	30	0	2	10	9	3	1	2	3	1
	1730	,,	999·1	995·0	...	97·1	77·4	66·9	23·4	41	...	1·1	...	5·7	0	0	29	1	1	10	2	0	0	0	15	2
Bhagalpur	0530	160	1002·3	996·6	...	80·2	76·0	73·8	29·0	83	...	1·5	...	2·5	0	0	21	0	0	17	1	2	0	1	0	10
	0830	,,	1004·0	998·4	...	89·5	79·4	74·9	29·8	64	...	2·0	...	3·5	0	0	22	1	1	14	2	1	0	1	2	9
	1130	,,	1003·0	997·8	...	97·2	79·7	72·0	26 8	49	...	2·1	...	4·8	0	2	24	3	2	11	1	0	1	4	4	5
	1730	,,	999·5	993·9	...	96·9	77·9	68·3	24·0	42	...	0·7	...	4·1	0	0	28	1	0	12	1	0	0	7	7	3
	2330	,,	1002·0	996·4	...	86·1	75·5	70·2	25·5	62	...	0·3	...	2·7	0	0	23	0	0	17	3	3	0	0	0	8
P., East Gonda	0830	360	1002·9	990·8	...	89·4	71·9	61·0	18·8	42	−5	1·5	0	3·7	0	0	29	0	0	13	0	0	0	10	6	2
	1730	,,	998·7	986·9	...	101·7	73·7	55·4	15·7	24	...	0·2	...	4·1	0	0	27	1	0	6	0	0	0	10	10	4
Gorakhpur	0830	254	1002·5	993·8	−1·8	87·8	75·6	66·3	24·9	53	−5	0·7	−0·5	4·1	0	0	30	2	3	14	0	0	0	9	2	1
	1730	,,	998·7	990·0	...	101·1	77·6	63·3	21·5	33	...	0·2	...	5·5	0	0	31	4	2	6	2	0	1	16	0	0
Gorakhpur (P.B. O.)	0230	257	1000·6	991·9	...	83·8	69·8	60·1	18·7	49	...	0·6	...	5·1	0	0	24	1	5	5	1	0	1	10	1	7
	0530	,,	1001·1	992·3	...	80·8	69·3	62·5	19·4	58	...	0·9	...	4·1	0	0	29	1	12	4	0	1	2	7	2	2
	1130	,,	1002·2	993·6	...	98·1	74·4	59·3	18·0	32	...	1·0	...	8·1	0	5	26	1	8	4	3	3	1	6	5	0
	2330	,,	1000·9	992·3	...	87·2	72·3	62·5	20·0	49	...	0·4	...	4·3	0	1	21	0	6	4	1	0	6	5	0	9
Azamgarh	0830	255	1002·4	994·5	...	91·3	75·3	64·5	22·4	45	...	0·3	...	2·2	0	0	23	1	0	10	1	1	2	8	0	8
	1730	,,	998·0	991·1	...	102·6	75·7	60·0	17·9	27	...	0·3	...	2·6	0	0	23	3	0	4	0	1	1	12	2	8
Banaras	0830	250	1002·9	994·5	−0·5	92·8	72·4	59·0	18·2	35	−10	1·8	+0·4	7·0	0	1	30	0	2	8	0	2	3	14	2	0
	1730	,,	998·3	990·1	...	106·4	74·1	52·1	13·8	19	...	1·3	...	8·0	0	0	31	5	3	0	0	0	0	11	12	0
Banaras (Babatpur Aerodrome)	0530	280	1001·8	991 6	...	91·9	67·9	50·8	12·5	47	...	1·0	...	3·7	0	0	27	0	5	6	1	0	8	7	0	4
	0830	,,	1003·1	993·8	...	93·1	71·4	55·1	16·3	31	...	0·9	...	7·9	0	4	27	1	4	5	1	1	1	12	6	0
	1130	,,	1002·4	993·2	...	102·6	73·3	53·4	15·2	22	...	0·5	...	9·6	0	8	23	1	4	3	3	0	0	9	11	0
	1730	,,	998·5	989·4	...	104·8	72·7	50·1	13·2	18	...	0·4	...	10·3	0	7	24	0	7	3	0	0	0	11	10	0
	2330	,,	1001·1	991·7	...	85·4	69·5	56·4	17·0	35	...	0·5	...	4·5	0	0	28	0	3	5	1	0	9	8	2	3
Allahabad (Bamrauli)	0230	322	1000·6	989·6	...	87·0	69·4	57·5	16·7	38	...	0·4	...	5·3	0	0	28	2	4	4	1	1	3	10	3	3
	0530	,,	1001·3	990·3	...	84·0	68·9	58·4	17·4	45	...	1·1	...	4·4	0	1	27	1	1	6	1	1	3	11	4	3
	0830	,,	1003·1	992·3	−0·5	93·7	71·9	57·5	16·8	33	−3	0·7	−0·7	8·6	0	4	27	1	3	6	1	0	3	13	4	0
	1130	,,	1002·7	991·8	...	103·1	73·5	53·7	14·8	21	...	0·3	...	12·1	0	11	19	2	2	1	3	0	2	13	7	1
	1730	,,	998 8	985·0	...	105·1	72·7	49·8	12·5	18	...	0·9	...	14·9	1	18	12	2	4	1	0	0	3	10	11	0
	2330	,,	1001·1	990·3	...	90·9	70·0	56·1	15·5	32	...	0·4	...	4·4	0	0	28	2	3	4	2	0	3	8	6	3
Fatehpur	0830	375	1003·4	990·9	..	91·9	74·6	65·2	21·5	43	−1	1·5	+0·2	3·2	0	0	28	1	0	7	1	2	2	3	12	3
	1730	,,	998·8	986·6	..	104·0	75·5	65·0	21.7	31	..	1.2		3·2	0	0	24	0	0	1	0	1	2	2	18	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 s.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, miles per hour.	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., East—*contd.*																										
Banda	0830	398	1003·4	989·9	...	94·9	72·9	59·9	17·7	32	...	0·4	...	2·8	0	0	19	0	0	3	2	1	1	11	1	12
	1730	,,	998·8	985·9	...	106·0	76·5	59·6	17·7	23	...	0·7	...	2·9	0	0	24	1	0	1	0	0	1	16	5	7
Orai	0830	463	1003·2	989·8	...	94·3	76·1	65·3	22·5	41	...	0·3	...	5·4	0	1	29	2	0	4	3	1	1	5	14	1
	1730	,,	999·9	984·9	...	104·3	80·5	65·7	24·7	33	...	2·0	...	6·9	0	2	29	6	3	2	0	0	0	11	9	0
Kanpur	0830	414	1003·0	989·1	−0·1	92·3	71·0	56·8	16·1	33	−4	0·6	−0·1	9·1	0	4	26	0	3	4	3	1	1	10	8	1
	1730	,,	999·3	987·7	...	104·0	72·5	51·1	13·0	19	...	1·6	...	10.3	0	9	22	1	3	3	1	0	0	13	10	0
Lucknow	0830	371	1003·0	990·5	−0·4	91·0	71·2	65·0	17·2	45	+2	0·3	−0·9	1·9	0	0	30	2	0	7	4	1	0	14	2	1
	1730	,,	998·9	986·3	...	102·5	77·5	61·9	22·1	20	...	0·1	...	2·6	0	0	28	3	0	5	0	0	2	16	2	3
Lucknow (Amausi Aerodrome)	0530	419	1001·3	987·1	...	76·8	67·8	59·4	19·6	51	...	1·5	...	5·7	0	3	24	0	3	5	2	1	2	5	9	4
	0830	,,	1002·7	988·7	−0·6	90·3	71·6	59·4	18·0	39	+3	0·6	−0·6	10·1	0	6	25	0	4	4	1	1		4	15	0
	1130	,,	1002·1	988·6	...	100·1	73·2	53·8	16·7	26	...	0·2	...	13·7	0	21	10	0	2	2	5	1	1	1	19	0
	1730	,,	998·7	985·0	...	102·7	72·0	48·5	13·1	19	...	0·1	...	10·1	0	7	21	0	3	1	3	0	0	1	20	3
Hardoi	0830	467	1002·5	987·1	...	90·0	70·2	57·0	16·4	36	...	0·5	...	2·8	0	0	31	2	1	3	6	1	3	7	8	0
	1730	,,	998·5	983·3	...	102·9	74·7	56·8	16·6	24	...	0·8	...	2·7	0	0	30	2	0	2	3	0	1	17	5	1
Lakhimpur Kheri	0830	483	1002·8	986·5	...	89·0	71·8	61·4	19·0	42	...	0·4	...	4·1	0	0	27	1	0	4	7	1	0	6	8	4
	1730	,,	998·4	982·6	...	101·6	73·9	56·3	16·0	24	...	0·3	...	4·0	0	0	27	1	0	0	6	0	0	17	3	4
Bahraich	0830	407	1003·3	989·7	−0·1	89·4	73·1	63·3	20·5	46	−5	1·1	−0·1	3·6	0	0	29	0	0	6	7	0	1	7	8	2
	1730	,,	998·3	985·2	...	101·3	74·8	58·6	17·4	27	...	0·3	...	3·3	0	0	28	0	0	4	4	0	3	9	8	3
U. P., West																										
Jhansi	0830	823	1004·1	976·7	+0·5	94·3	70·3	53·3	14·2	27	−3	0·8	−0·4	4·7	0	0	25	3	0	2	0	0	6	14	6	6
	1730	,,	998·7	972·1	...	105·7	72·4	47·7	12·4	16	...	2·9	...	4·6	0	0	30	0	0	0	0	0	0	17	13	1
Agra	0830	553	1003·6	985·0	+0·6	90·2	71·8	53·9	18·3	38	+11	0·9	−0·2	0·5	0	0	7	0	0	2	0	0	0	5	0	24
	1730	,,	999·5	981·8	...	105·8	77·9	56·5	19·9	23	...	0·8	...	0·7	0	0	11	1	1	0	0	0	2	5	2	20
Mainpuri	0830	516	1003·3	986·2	+0·6	93·0	71·3	57·1	16·3	33	−4	2·4	+1·0	4·0	0	0	28	0	0	4	4	1	5	9	5	3
	1730	,,	999·4	982·4	...	104·3	74·1	54·8	15·1	20	...	2·3	...	3·0	0	0	22	0	0	0	1	0	3	11	7	9
Aligarh	0530	615	1001·9	981·0	...	82·5	68·0	59·6	16·8	47	...	1·6	...	4·0	0	2	18	2	1	3	0	1	3	7	3	11
	0830	,,	1003·4	982·7	...	90·5	71·8	59·5	18·0	38	+7	1·4	+0·7	5·0	0	2	27	1	1	4	0	1	5	10	7	2
	1130	,,	1003·0	982·8	...	101·3	74·6	57·7	17·1	26	...	1·1	...	12·3	0	18	13	1	1	3	2	1	2	6	15	0
	1730	,,	999·1	979·0	...	103·2	74·5	56·1	15·8	23	...	1·9	...	4·3	0	0	26	0	1	1	1	0	5	3	15	5
	2330	,,	1001·5	980·9	...	89·4	71·3	60·0	17·8	38	...	1·7	...	4·1	0	2	14	2	1	2	1	0	0	6	4	15
Bareilly	0830	568	1002·5	983·5	−0·6	91·5	70·0	54·9	15·3	32	−14	0·9	−0·5	5·9	0	0	28	1	0	6	4	0	2	13	2	3
	1730	,,	997·9	979·6	...	103·1	71·8	48·9	12·4	18	...	0·6	...	4·6	0	0	25	0	0	2	1	0	1	19	2	6
Bareilly (P. B. O.)	0230	565	1000·5	981·3	...	85·2	72·2	65·8	21·1	53	...	1·0	...	4·4	0	0	24	1	2	7	1	1	0	4	8	7
	0530	,,	1001·3	981·9	...	81·9	70·9	65·4	20·8	59	...	0·9	...	3·2	0	0	22	1	2	6	3	0	1	4	5	9
	1130	,,	1002·3	983·5	...	100·3	71·7	51·2	13·5	22	...	0·2	...	8·1	0	1	30	0	1	6	3	0	1	2	18	0
	2330	,,	1000·9	981·8	...	89·4	73·9	65·7	21·6	47	...	0·9	...	5·0	0	2	25	0	1	7	4	0	0	9	6	4
Meerut	0830	728	1002·9	978·6	+0·1	89·4	70·5	57·8	16·9	36	−4	0·3	−0·9	2·6	0	0	28	0	4	6	0	0	1	10	7	3
Najibabad	0830	885	1002·9	973·3	...	88·0	70 4	59·0	17·6	39	...	0·8	...	5·0	0	3	22	0	0	0	12	1	2	1	9	6
	1730	,,	998·6	969·6	...	101·2	74·7	57·1	17·1	26	...	0·3	...	4 9	0	1	29	0	0	0	7	0	1	1	21	1
Roorkee	0830	899	1002·3	972·3	−0·8	91·5	69·1	55·7	14·1	34	−5	1·9	+0·6	1·8	0	0	25	0	0	6	11	0	0	0	14	6
	1730	,,	997·9	968·7	...	101·6	73·7	51·7	14·2	21	...	1·4	...	1·7	0	0	25	0	0	0	3	0	0	0	22	6
Dehra Dun	0530	22,39	893·1	927·7	...	73·6	52·5	54·4	14·8	53	...	0·7	...	1·0	0	0	15	6	5	0	0	0	0	3	1	16
	0830	,,	895·2	928·8	−0·5	83·7	66·4	54·1	15·1	39	−5	0·5	−1·4	1·6	0	0	25	0	1	2	0	6	9	4	3	6
	1130	,,	896·1	929·4	...	92·9	67·6	49·9	13·6	25	...	1·2	...	2·7	0	0	28	0	0	0	3	4	8	12	1	3
	1730	,,	893·2	926·3	...	94·8	67·3	47·4	11·6	21	...	1·5	...	2·9	0	0	29	1	2	0	0	1	7	16	2	2
	2330	,,	894·2	928·4	...	80·2	64·6	53·6	14·5	42	...	1·1	...	1·7	0	0	19	8	7	0	0	0	1	1	2	12
Punjab (I)																										
New Delhi	0230	710	1001·0	977·1	...	86·5	68·9	56·9	16·3	38	...	0·9	...	6·8	0	2	25	2	1	2	5	0	2	7	8	4
	0530	,,	1001·5	977·5	...	83·5	67·5	55·9	17·0	41	...	1·1	...	7·0	0	3	25	0	0	2	1	1	6	8	10	3
	0830	,,	1002·9	979·1	−0·1	90·4	70·9	58·4	17·1	35	−1	0·5	−0·9	10·8	0	8	22	2	0	0	5	2	4	11	6	1
	1130	,,	1002·6	979 2	...	99·1	73·4	57·6	16·3	26	...	0·5	...	14·0	0	19	11	1	1	1	3	0	2	9	13	1
	1730	,,	998·5	975·3	...	102·7	73 5	54 0	14·8	21	...	2·0	...	10·0	0	8	20	1	2	2	1	0	0	9	13	3
	2330	,,	1001·2	977·5	...	91·5	69·9	54·8	15·3	31	...	1·3	...	6·6	0	2	22	3	0	2	2	1	2	4	10	7
Hissar	0830	725	1002·7	978·5	−0.1	86.8	69.9	59.3	17.4	41	+5	0	−1·0	9·9	0	0	29	2	1	0	0	3	13	5	5	2
	1730	,,	998·9	975·4	..	104·4	72·8	52·2	13·4	19	..	0 5	..	5.5	0	0	30	3	1	0	0	1	7	9	9	1
Karnal	0830	818	1002·7	975·6	...	90·3	69·0	56·0	15·4	39	...	1·1	...	4·8	0	1	29	0	3	3	6	1	2	5	10	1
	1730	,,	999·4	973·0	...	102·4	68·3	48·4	9·6	19	...	1·8	...	3·1	0	1	22	0	1	0	1	0	6	5	10	8
Ambala	0830	892	1002·4	972·4	−0·5	87·4	70·0	58·2	17·2	38	+7	1·4	+0·1	2·5	0	0	24	2	2	5	5	0	1	5	4	7
	1730	,,	998·0	969·2	...	104·0	73·6	52·3	14·5	20	...	0·3	...	2·6	0	0	24	1	1	0	0	0	7	3	12	7

vision 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 miles per hour.	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
(I)—*contd.*																										
bala (P. B. O.)	0230	906	1000·5	970·2	...	86·4	65·8	52·6	12·4	33	...	1·0	...	4·5	0	0	24	3	0	7	3	0	0	3	8	7
	0530	"	1001·1	970·5	...	82·9	64·7	52·7	12·7	37	...	1·2	...	4·2	0	0	24	1	0	5	3	1	1	3	10	7
	1130	"	1002·2	972·4	...	97·0	69·9	53·9	12·9	25	...	1·0	...	9·9	0	9	21	2	1	4	8	0	0	3	12	1
	2330	"	1000·9	970·8	...	90·5	66·8	51·6	11·8	27	...	1·3	...	4·1	0	1	23	3	0	3	3	0	2	2	11	7
la	*0830	822	1003·0	975·4	...	87·4	69·5	67·7	16·6	38	...	0·7	...	3·4	0	0	26	5	1	6	0	0	0	0	14	2
	*1730	"	998·4	971·7	...	102·9	72·5	51·9	13·5	19	...	1·1	...	3·4	0	0	23	6	0	0	1	0	1	2	13	5
iana	0830	810	1002·3	975·4	−0·1	87·8	70·4	59·9	17·6	40	+2	0·2	−1·0	1·4	0	0	8	0	1	1	1	1	0	1	3	23
	1730	"	998·7	972·6	...	104·9	74·8	58·0	15·8	22	...	0·3	...	1·0	0	0	8	0	1	1	0	0	2	2	2	23
epur	0830	657	1002·8	980·5	...	87·0	69·4	55·7	16·6	38	...	1·5	...	2·1	0	0	22	0	7	0	2	5	4	0	4	9
	1730	"	998·7	977·1	...	103·2	73·8	55·6	15·1	22	...	1·0	...	1·9	0	0	19	3	2	0	0	1	0	1	12	12
sar	0530	769 774	1001·2	975·4	...	75·8	63·7	54·6	14·7	49	...	1·7	...	5·9	0	0	27	3	4	6	1	0	6	5	2	4
	0830	"	1002·6	976·8	...	87·6	67·1	53·4	13·4	32	...	1·7	...	10·7	0	7	23	3	4	3	5	2	4	4	5	1
	1130	"	1002·2	977·0	...	98·9	70·4	49·8	12·5	20	...	1·1	...	9·2	0	6	24	1	3	4	3	4	2	10	3	1
	1730	"	998·6	973·6	...	102·4	70·2	44·9	10·4	15	...	0·9	...	9·7	0	8	23	1	1	1	3	0	3	11	11	0
nkot	0830	1,128	1002·6	965·1	...	88·1	67·1	51·6	14·1	29	...	2·0	...	2·2	0	0	21	1	6	6	3	1	0	3	1	10
	1730	"	999·5	963·0	...	101·0	69·2	43·9	11·8	15	...	2·8	...	3·4	0	0	29	2	4	0	0	0	1	12	10	2
a & Kashmir																										
gar	0830	5,205	799·1	841·3	+0·8	62·6	55·8	51·1	12·1	66	−12	3·3	+0·4	1·9	0	0	15	1	0	1	8	0	1	1	3	16
	1130	"	799·6	841·0	...	71·4	59·4	51·5	12·0	50	...	4·1	...	2·7	0	0	21	1	0	1	6	0	2	3	8	10
	1730	"	797·5	838·7	...	72·8	59·6	50·9	11·4	48	...	6·3	...	2·8	0	0	21	2	0	0	6	1	2	2	8	10
arg	0830	8,709	Closed during winter months.																							
(R)	0830	10,059																								
(R)	1730	"																								
il (R)	0830	8,790																								
	†0530	11,529	710·9	668·6	...	40·2	32·2	20·4	2·4	44	...	2·2	...	3·2	0	0	24	0	21	0	1	1	1	0	0	5
	0830	"	710·5	668·9	+1·3	50·0	38·0	21·3	3·0	33	−5	2·3	−1·2	2·0	0	0	14	1	0	0	3	6	4	0	0	17
	1730	"	705·9	664·7	...	60·7	42·9	21·2	3·0	20	...	5·3	...	6·0	0	0	30	1	6	0	1	2	8	4	8	1
lu (R)	0830	7,505																								
(R)	1730	"																								
t (R)	0830	4,890																								
(R)	1730	"																								
ar (R)	0830	10,190																								
(R)	1730	"																								
au (R)	0830	...																								
ham, West																										
anganagar	0830	580	1002·6	983·1	...	90·1	68 2	50·9	13·7	30	−1	0·5	+0·1	3·2	0	0	29	4	3	3	2	2	10	5	0	2
	1730	"	997·5	970·6	...	103·6	74·3	45·6	15·6	15	...	0 5	...	2·5	0	0	29	3	3	2	1	1	5	7	7	2
ner	0830	734	1003·8	978·5	+0·1	90·5	69·6	57·4	15·2	37	+5	0 4	−0·5	6·9	0	1	28	0	3	0	3	0	16	3	4	2
	1730	"	999·3	975·5	...	105·3	72·1	44·4	11·8	15	...	0·5	...	6·1	0	0	30	0	0	0	0	0	13	1	16	1
ner (P.B.O.)	0530	735	1002·8	978·4	...	83·9	74·6	69·5	25·1	63	...	1·0	...	4 5	0	0	25	0	0	0	1	3	16	4	1	6
	1130	"	1003·7	979·4	...	99·3	82·3	73·3	30·0	47	...	0·6	...	5·7	0	1	28	2	1	0	1	8	10	7	0	2
	2330	"	1002·3	977·8	...	91·3	76·2	68·0	24·0	49	...	0·9	...	4·1	0	1	22	1	1	0	1	9	8	3	0	8
lmer	0830	793	1004·3	977·5	...	81·7	72·9	67·4	23·7	32	...	0·2	...	16·6	0	25	6	0	0	0	0	0	31	0	0	0
	1730	"	999 5	975·8	...	103·3	70·1	49·5	10·1	18	...	1·2	...	12·5	0	17	14	0	0	0	0	0	31	0	0	0
pur	0230	736	1003·3	978·5	...	87·0	69·4	58·0	16·7	39	...	0 6	...	8·1	0	1	28	0	0	1	0	1	11	15	1	2
	0530	"	1004·0	979·0	...	82·6	63·7	62·3	11·5	52	...	0·4	...	8·1	0	5	24	0	2	0	0	1	13	12	1	2
	0830	"	1005·9	980·9	+2·6	85·5	72·3	64·3	21·4	51	+9	0 7	−0·3	9 4	0	8	23	0	2	0	0	1	19	8	1	0
	1130	"	1005·4	981·0	...	95·7	74·0	61·1	19·7	34	...	0·5	...	10·2	0	6	25	0	1	0	0	0	21	7	2	0
	1730	"	1001·1	977·1	...	102·4	72·9	53·3	14·4	20	...	1·3	...	9·8	0	5	26	0	0	0	0	2	20	7	2	0
	2330	"	1003·8	979·1	...	89·9	69·5	55·7	15·3	33	...	0·5	...	6·1	0	1	23	1	0	0	0	0	17	5	1	7
odi	0830	767	1004·7	985·6	...	81·5	72·6	68·5	21·2	63	...	0 7	...	14·6	0	16	15	0	0	1	0	5	22	3	0	0
	1730	"	1000·8	972·6	...	103·4	78·6	63·6	22·5	32	...	0·7	...	12·8	0	14	16	0	0	0	0	3	23	4	0	1
ner	0530	638	1003·8	982·1	...	80 8	74·1	70·4	25·7	72	...	0·5	...	8·4	0	1	27	0	0	0	0	4	17	7	0	3
	0830	"	1005·7	984·0	+1·7	82·9	75·4	71·7	26·7	69	+9	1·5	+0·8	5·6	0	3	24	0	1	0	0	11	13	1	1	4
	1130	"	1005·4	984·1	...	94·4	78·7	71·2	26·4	49	...	0 3	...	7·0	0	4	24	0	1	0	1	9	14	3	0	3
	1730	"	1000·9	980·1	...	103·9	81·2	70·9	26·0	36	...	1·3	...	7·0	0	2	29	0	0	0	1	6	17	6	1	0
	2330	"	1003·7	982·4	...	91·2	77·1	70·2	25·3	51	...	0·6	...	10·0	0	7	23	0	0	0	0	1	17	12	0	1

*Observations for 28 days only. (R) Register not received. †Obeservations for 29 days.

Table III— Summary of Observations at Fixed Hours—May 1953.

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, miles per hour.	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
Rajasthan, East.																										
Sikar	0830	1,419	1004·4	995·0	...	87·3	71·1	61·3	19·1	44	...	0·6	...	4·1	0	0	29	1	1	1	1	7	7	8	3	2
	1730	"	999·5	953·9	...	101·4	72·2	51·2	14·2	20	...	2·1	...	2·7	0	0	31	1	1	0	0	3	7	16	3	0
Jaipur	0830	1,431	1004·4	957·1	+0·6	90·0	69·6	55·6	15·4	33	−1	0·2	−0·8	8·0	0	2	28	1	0	1	0	1	3	14	10	1
	1130	"	1003·4	956·9	...	99·4	71·2	51·1	13·3	21	...	0·2	...	9·0	0	3	28	2	0	0	0	0	6	11	12	0
	1730	"	999·5	953·4	...	102·6	70·1	45·3	10·4	15	...	1·4	...	7·0	0	0	30	0	0	0	0	0	4	20	6	1
Jaipur (Sanganer Aerodrome)	0230	1,282	1002·2	959·4	...	84·4	69·2	59·1	17·5	43	...	0·4	...	7·5	0	3	24	5	2	0	0	0	0	7	13	4
	0530	"	1003·0	959·8	...	81·4	68·2	59·1	17·6	48	...	0·7	...	6·8	0	2	28	3	1	3	1	0	2	5	15	1
	0830	"	1004·7	961·7	...	90·4	74·5	65·5	22·5	45	...	0·2	...	14·6	0	18	12	2	1	0	1	1	2	10	13	1
	1130	"	1003·1	961·4	...	99·5	76·9	64·4	21·3	33	...	0·2	...	13·8	0	17	13	1	0	0	0	0	3	12	14	1
	1730	"	999·2	957·8	...	102·8	77·2	61·7	16·3	29	...	2·1	...	12·9	0	15	16	0	0	0	0	0	5	14	12	0
	2330	"	1002·5	959·9	...	88·4	70·4	58·7	17·3	38	...	0·4	...	5·1	0	1	24	2	0	1	1	0	0	8	13	6
Ajmer	0830	1,593	1005·0	952·2	+0.6	86·7	68·8	57·7	16 1	40	+1	0·3	−0·7	10·4	0	11	18	0	0	0	0	1	13	15	0	2
	1730	"	1001·1	948·7	...	99·9	68·3	45·5	9·5	17	...	0·7	...	5·2	0	0	30	0	0	0	0	0	8	18	4	0
Kotah	0530	843	1002·9	974·7	...	87·5	67·9	54·0	14·6	33	...	0·5	...	4·1	0	0	24	1	0	0	0	0	1	18	4	1
	0830	"	1004·6	976·6	+0·6	93·1	70·7	56·0	15·3	30	+1	0·1	−0·8	5·1	0	0	26	0	0	0	0	0	3	21	2	3
	1130	"	1004·0	976·4	...	102·2	72·5	52·5	13·5	20	...	1·1	...	5·2	0	0	28	2	1	0	0	0	2	11	12	3
	1730	,,	999·6	972·4	..	105·7	71·6	47·3	11·4	15	..	1·8	...	5·1	0	2	25	0	0	0	0	0	4	10	13	4
	2330	"	1002·5	974·7	...	94·4	69·3	51·5	13·3	24	...	0·4	...	6·0	0	0	25	0	0	1	0	0	6	15	3	6
Jhalawar	0830	1,053	1005·0	970·0	+1.2	89·9	69·4	55·0	16·3	33	−10	0·1	−0·7	3·7	0	0	24	0	0	0	0	0	6	15	3	7
	1730	"	999·6	965·7	...	104·8	70·6	43·5	11·7	13	...	0.8	...	2·8	0	0	21	2	0	0	0	0	3	10	6	10
Udaipur	0230	1,910	895·5	941·2	...	82·4	68·4	60·3	17·7	48	...	0	...	5·7	0	0	26	0	0	0	0	0	8	17	1	5
	0530	"	895·5	941·6	...	78·9	67·5	60·7	18·3	56	...	0·2	...	2·6	0	0	20	0	0	0	1	0	7	11	1	11
	0830	"	897·3	942·8	+0·6	86·0	70·2	61·5	18·2	46	+1	0·2	−0·2	4·4	0	0	26	1	1	0	1	0	10	10	3	5
	1130	"	898·2	943·1	...	93·8	70·4	56·4	16·5	30	...	0·5	...	6.3	0	0	29	0	1	0	1	3	13	9	2	2
	1730	"	895·4	939·9	...	96·0	71·2	56·3	16·0	28	...	1·3	...	7·2	0	0	30	1	0	1	2	2	14	7	3	1
	2330	"	896·7	942·7	...	87·0	69·4	57·6	17·5	38	...	0·1	...	5·5	0	0	26	0	0	0	0	0	14	12	0	5
Madhya Bharat																										
Gwalior (P. B. O.)	0230	688	1001·0	978·1	...	89·8	67·5	51·0	12·9	28	...	0·5	...	5·7	0	1	28	0	1	0	1	2	11	6	8	1
	0530	"	1001·8	978·7	...	87·8	66·8	50·0	12·5	13	...	1·1	...	5·5	0	1	25	2	1	1	0	1	5	8	8	5
	0830	"	1003·2	980·5	+1·0	94·7	69·5	51·6	13·4	25	+1	1·1	+0·2	7·5	0	2	28	3	0	2	2	1	3	10	9	1
	1130	"	1002 9	980·4	...	102·0	71·4	50·0	12·4	18	...	0·8	...	8·2	0	4	27	6	1	0	0	1	1	4	18	0
	1730	"	999·0	976·7	...	103·8	70·5	45·0	10·3	14	...	2·2	...	6·4	0	0	31	8	1	2	0	0	1	4	15	0
	2330	"	1001·6	978·7	...	91·9	68·7	51·5	13·5	28	...	0·6	...	4·0	0	0	24	2	0	0	2	2	10	4	4	7
Sheopur Kalan	0930	771	1003·8	978·1	...	93·0	72·1	59·1	17·3	34	...	0·4	...	6·3	0	1	25	3	0	0	1	4	5	5	8	5
	1730	"	999·4	974·3	...	106·3	72·9	48·4	12·1	15	...	1·4	...	4·0	0	0	24	1	0	0	0	0	2	16	5	7
Guna	0530	1,571	1003·6	951·1	..	82·1	67·0	57·6	16·5	44	...	1·2	...	3·0	0	1	21	0	0	0	1	0	10	7	4	9
	0830	"	1004·3	952·6	+0·9	90·1	71·2	60 0	18·4	37	+8	1·0	+0·2	6·6	0	0	31	2	0	2	0	1	6	18	2	0
	1130	"	1003·5	952·7	...	100·2	75·0	62·0	19·3	30	...	0·6	...	7·3	0	0	29	2	0	0	1	0	3	9	14	2
	1730	"	999·4	949·1	...	103·2	74·0	57·3	16·7	23	...	2·3	...	6·7	0	0	30	0	0	0	1	1	5	12	11	1
	2330	"	1002·9	951·0	...	88·3	68·5	56·3	15·8	36	...	0·4	...	3·8	0	0	18	1	0	0	0	1	5	10	1	11
Neemuch	0830	1,626	1006·1	952·2	+1·0	85·8	69·0	58·8	17·3	42	−5	0·1	−0·7	9·7	0	6	25	0	2	1	0	0	13	14	1	0
	1730	"	1001·1	948·7	...	100·6	67·9	44·0	10·1	15	...	1·6	...	8·5	0	1	30	1	1	0	0	1	13	14	1	0
Ratlam	0830	1,596	1007·1	953·5	...	82·3	72·6	67·8	23·0	64	...	2·1	...	8·6	0	0	30	0	0	0	0	0	9	20	1	1
	1730	"	1001·6	950·0	...	99·1	71·2	54·1	14·5	23	...	0·8	...	9·1	0	3	28	1	0	0	0	0	5	22	3	0
Indore	*0530	1,861	894·4	942·3	...	77·6	66·3	59·4	17·5	54	...	0·4	...	8·2	0	1	16	0	0	0	0	0	2	13	2	0
	0830	"	897·4	944·8	+0·7	84·6	71·4	64·4	20·9	52	+4	0·9	−0·1	13·4	0	21	10	0	0	0	0	0	0	18	13	0
	1130	"	898·1	944·5	...	95·4	70·9	56·5	15·9	28	...	0·4	...	11·0	0	12	19	4	1	1	0	0	0	13	12	0
	1730	"	895·0	940·8	...	100·1	69·7	49 6	12·5	19	...	0·9	...	11·7	0	13	18	0	0	0	0	0	1	18	12	0
	2330	"	895·9	943·2	...	85·4	65·4	51·7	13·3	32	...	0	...	7·0	0	1	28	1	0	0	0	0	0	20	8	2
Bhopal (Bairagarh)	0230	1,714	893·7	946·2	...	84·0	62·0	44 8	10·1	26	...	0·1	...	10·8	0	5	26	1	0	0	0	0	0	16	14	0
	0530	,,	894·0	947·0	...	81·0	62·1	47·6	11·4	32	...	0·5	..	10.3	0	7	24	1	1	0	0	0	2	17	10	0
	0830	"	896·6	948·9	+1·1	88·5	67·6	53·6	14·6	33	+2	0 6	−0 3	(a) 16·1	0	22	9	1	2	0	0	0	0	10	18	0
	1130	"	897·1	948·1	...	98 6	69.3	49·8	12·5	21	...	1·0	...	13·8	0	18	13	3	2	0	0	1	1	7	17	0
	1730	"	893·9	944·5	...	102·9	67·8	40·8	9·0	13	...	1·7	..	11·0	0	6	25	1	0	0	0	0	3	15	12	0
	2330	,,	994·7	946·8	..	89·2	63·7	43·7	9·8	21	...	0 5	..	10·0	0	11	18	1	1	0	0	0	2	16	9	2

(a) Mean of 29 days.

*Obeservation for 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, miles per hour.	Wind speed (m.p.h.).			No. of observations. Wind direction.								
			At mean sea or near-st 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
ıya Pradesh																										
vgong	0830	750	1003·7	978·7	+0·2	94·2	70·1	53·3	14·2	26	−7	1·1	−0·8	5·2	0	1	30	2	0	3	1	1	8	9	7	0
	1730	"	998·7	974·4	...	106·3	71·3	44·3	10·3	13	...	2·4	...	3·5	0	0	31	2	1	0	1	0	5	5	17	0
ıa	0830	1,041	1002·9	968·9	+0·4	93·7	72·8	60·0	18·2	34	+4	1·4	−0·2	5·5	0	0	31	1	2	2	1	1	4	16	4	0
	1730	"	998·4	964·8	...	103·1	76 0	59·8	18·4	23	...	2·5	...	7·2	0	2	28	3	3	0	0	0	4	7	13	1
aria	0830	1,506	1003·3	954·1	...	94·7	69·6	54·5	14·5	27	+1	0·6	−1·4	4·6	0	1	25	2	1	0	0	1	1	4	17	5
	1730	"	997·9	949·8	...	104·1	70·7	49·1	12·0	16	...	2·0	...	3·7	0	0	31	4	0	0	0	0	1	9	17	0
ya Pradesh, East																										
dia	0830	1,026	1004·0	970·1	...	94·7	73·5	60·5	18·5	33	...	0·9	...	2·0	0	0	26	4	5	0	0	1	2	0	14	5
	1730	"	998·4	965 5	...	107·0	75·5	56·5	15·8	20	...	1·9	..	2·6	0	0	31	10	4	0	2	0	1	5	9	0
ira	0530	2,048	894•3	934·9	...	83·5	65·8	54·1	14·5	38	...	4·1	...	2·2	0	1	12	1	1	0	0	3	1	0	7	18
	0830	"	896•6	936·7	+0·1	92·3	69·3	55·2	15·1	30	−3	3·0	+1·1	4·1	0	1	19	7	0	0	1	6	0	1	5	11
	1130	"	896•8	936·1	...	100·8	71·4	53·8	14·3	22	...	4·0	...	7·5	0	4	27	10	4	1	0	3	1	2	10	0
	1730	"	893·5	932·7	...	100·5	71·0	53·0	13•9	21	...	4·3	...	5·2	0	0	28	10	3	1	0	1	2	3	8	3
	2330	"	894·9	935·4	...	87·7	66·4	53·5	13·5	30	...	1·3	...	0·6	0	0	7	0	1	0	0	1	0	0	5	24
arh	0830	723	1003·4	979·4	...	94·5	74·1	61·7	19·9	36	...	2·5	...	1·8	0	0	23	2	11	6	1	0	1	1	1	8
	1730	"	997·9	974·7	...	107·6	73·8	50·8	13·2	16	...	2·2	...	0·6	0	0	9	3	5	0	0	0	1	0	0	22
ıikapur	0830	2,005	896·1	937·9	...	89·9	68·9	55·9	15·6	33	...	0·8	...	3·7	0	0	24	2	7	0	2	3	7	2	1	7
	1730	"	893·2	934·0	...	99·6	68·6	46·8	11·3	19	...	1·8	..	8·8	0	3	28	15	2	0	1	0	1	5	7	0
mpa	0830	805	1003·4	976·7	..	94·9	72·4	58·2	17·0	31	...	1·9	...	3·7	0	0	30	6	2	9	3	1	0	2	7	1
	1750	"	998·0	972·1	...	108·8	75·3	54·0	14·7	17	...	2·9	..	5·5	0	0	30	11	0	1	0	0	1	4	13	1
ıur	0530	979	1001·7	969·1	...	88·0	68·3	54·1	14·8	33	...	3·0	...	2·1	0	1	18	1	2	1	0	4	0	6	5	12
	0830	"	1003·2	971·0	−0·3	96·7	72·7	57·0	16·5	29	−4	1·7	−0·4	3·6	0	0	24	3	2	3	1	3	3	2	7	7
	1130	"	1002·1	970·4	...	105·0	74·1	53·0	14·7	20	...	1·3	...	3·8	0	0	27	6	5	1	1	2	0	3	9	4
	1730	"	998·1	966·6	...	107·0	73·8	51·3	13·4	17	...	3·3	...	3·3	0	1	23	2	1	0	0	0	3	7	11	7
	2330	"	1001·0	968·8	...	95·0	70·3	52·9	14·1	26	...	2·2	...	1·6	0	0	20	2	0	0	1	5	3	6	3	11
ker	0830	1,313	1003·9	960·6	+0·5	94•5	74·4	63·2	20·0	37	−3	1·3	−1·8	2·6	0	0	22	1	0	1	0	0	5	15	0	9
	1730	„	998·6	956·3	...	104·5	76·6	60·9	18·6	25	...	3·0	...	1·6	0	0	18	2	0	0	0	0	12	4	0	13
nda	0830	634	1005·1	984·0	+0·2	95·9	74·2	59·9	19·4	31	−2	1·3	−0·7	5·9	0	1	24	0	0	0	0	0	4	6	15	6
	1730	"	999·1	978·7	...	109·2	78·8	60·4	19·4	24	...	2·8	...	6·8	0	2	28	0	2	0	0	0	7	3	18	1
ncha	0830	405	1005·6	991·9	...	94·7	76·4	66·2	22·7	42	...	1·2	...	4·2	0	0	29	1	1	2	9	15	7	1	3	2
	1730	"	999·5	986·4	...	109·9	75·4	53·8	13·6	16	...	1·7	...	2·3	0	0	30	7	2	2	0	0	3	5	11	1
lpur (P.B.O.)	0530	1,813	893·7	943·0	...	80·0	69·3	63·4	20·2	58	...	2·9	...	0·6	0	0	5	1	0	0	0	1	2	0	1	26
	0830	"	896·4	944·9	0	89·6	73·3	64·9	21·3	45	−10	2·1	−0·6	4·8	0	0	30	0	0	0	0	4	20	5	1	1
	1130	"	896·6	944·2	...	99·2	72·8	58·4	16·8	28	...	1·9	...	5·7	0	0	31	4	0	0	0	0	12	8	7	0
	1730	"	893·4	940·7	...	99·5	71·2	53·6	14·5	24	...	4·4	...	5·4	0	0	30	3	0	2	2	3	7	7	6	1
	2330	"	894·3	943·1	...	85·6	69·7	60·1	18·3	44	...	2·2	...	1·2	0	0	11	0	0	1	3	3	4	0	0	20
ya Pradesh, West																										
lhana	0830	2,133	895·1	936·1	...	80·8	69·2	62·6	19·6	55	...	0·5	...	6·9	0	0	31	1	0	0	0	0	0	0	30	0
	1730	"	896·0	932·7	...	99·3	70·6	52·9	13·9	22	...	1·6	...	4·8	0	0	31	0	0	0	0	0	0	0	31	0
la	0830	925	1006·3	975·3	+0·7	88·9	72·9	63·7	20·4	44	+8	1·3	−0·5	12·8	0	18	13	1	0	0	0	0	1	12	17	0
	1130	„	1004·8	974·4	...	99·6	74·6	59·3	17·9	29	...	1·5	...	11·3	0	9	22	7	1	0	0	0	0	8	15	0
	1730	"	1000·6	970·7	...	106·4	73·5	51·0	13·2	17	...	1·4	...	9·6	0	5	26	8	0	0	0	0	0	1	22	0
la (Aerodrome)	0530	1,015	1004·4	970·1	...	83·3	66·9	55·0	15·1	39	...	0·9	...	14·1	0	21	10	0	0	0	0	0	0	18	13	0
	2330	"	1003·7	970·0	...	91·1	66·7	47·2	12·6	23	...	0·2	...	9 5	0	11	16	0	0	0	0	0	0	13	14	4
ravati	0830	1,213	1005·4	964·5	−0·2	89·8	69·9	56·6	15·9	34	−1	1·2	−0·4	5·3	0	0	31	2	0	0	0	1	7	11	10	0
	1730	"	999·4	960·5	...	106·1	72·9	49·7	12·6	17	...	2·6	...	6·9	0	0	31	1	0	1	0	1	2	17	9	0
ıtmal	0830	1,481	1004·7	956·1	...	91·6	75·3	67·2	22·6	47	...	5·9	...	15·5	0	24	7	0	1	0	0	0	0	0	30	0
	1730	"	998·9	951·6	...	104·8	81·3	70·7	25·8	37	...	5·0	...	12 1	0	13	18	0	0	0	0	0	3	4	24	0
andwa	0830	1,044	1006·6	971·6	+0·8	88·0	74·3	66·6	22·7	51	+11	0	−1·1	12·1	0	11	20	0	0	0	0	0	0	26	5	0
	1730	"	1000·1	966·2	..	104·6	73·9	53·6	14·6	19	...	0·6	...	10·6	0	8	23	0	0	0	0	0	3	18	10	0
hangabad	0830	992	1005·7	972·6	+0·6	90·1	67·4	49·9	12·6	26	−6	0·7 (a)	−0·5	3·8	0	0	29	0	0	0	1	3	15	7	3	2
	1730	"	999·2	967·2	...	106·4	70·0	39·3	8·5	11	..	2·7	...	3·5	0	0	31	2	0	0	1	5	10	11	2	0
ar	0830	1,808	896·0	944·7	+0 4	90·6	66 8	50·2	12·8	27	−1	1·0	−0·4	11·6	0	15	16	1	3	1	1	0	4	11	10	0
	1730	"	893·1	940·5	...	101·6	69·5	44·0	11·6	16	...	2·5	...	9·4	0	1	30	1	1	1	0	0	8	3	17	0
alpur	0530	1,289	1002·9	959·8	...	83 5	65·1	50·8	12·9	33	...	1·5	...	2·3	0	0	19	0	0	0	1	0	13	4	1	12
	0830	"	1004·0	961 6	+0·5	94·2	69·0	50·4	12 8	23	−6	1·2 (a)	0	5·2	0	0	28	1	2	0	1	0	11	12	1	3
	1130	"	1002 5	961 0	...	104·7	71·9	48·6	11·3	16	...	1·3	...	5·7	0	0	28	0	2	0	1	0	6	7	12	3
	1730	„	998·3	957·0	...	106·2	71·8	46·5	11·0	14	...	2·8	...	5·2	0	0	28	2	0	0	0	0	6	8	12	3
	2330	"	1002·1	959·4	...	88 5	67·9	42·5	14·0	31	...	0·9	..	1·9	0	0	11	1	2	0	0	0	4	4	0	20

(a) Mean of 30 days.

TABLE III—SUMMARY OF OBSERVATIONS AT FIXED HOURS—MAY 1953.

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, miles per hour.	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
Madhya Pradesh, West—*contd.*																										
Mandla	0830	1,452	1003·9	956·2	...	91·4	68·2	53·2	13·1	28	...	1·7	...	5·2	0	2	24	9	1	0	2	1	0	2	11	5
	1730	"	998·0	951·5	...	104·0	70·0	47·0	9·7	15	...	2·4	...	5·7	0	0	30	7	1	0	0	0	2	4	16	1
Seoni	0830	2,027	...	...	...	92·8	69·5	54 8	14·0	28	−1	2·6	+1·0	7·0	0	2	25	10	3	0	0	0	0	1	13	4
	1730	"	...	...	...	103·9	72·8	53·3	13·7	21	...	4·6	...	5·3	0	0	30	6	1	0	0	0	2	8	13	1
Chhindwara	0830	2,248	897·9	931·2	...	90·4	67·4	62·4	13·6	29	...	1·8	...	6·3	0	0	28	3	1	0	0	0	0	10	14	3
	1730	"	894·8	927·4	...	100·9	69·7	49·0	12·1	18	...	3·2	...	4·5	0	0	30	4	0	0	0	1	1	13	11	1
Betul	0830	2,144	897·9	935·5	...	85·9	67·5	55·5	15·5	38	...	1·1	...	7·8	0	0	30	3	0	0	0	0	2	14	11	1
	1730	"	895·0	931·0	...	100·4	66·8	47·9	8·8	18	...	1·7	...	6·5	0	0	31	4	0	0	0	0	2	13	12	0
Nagpur	0230	1,010	1001·5	967·9	...	88·9	65·5	45·9	10·9	23	...	1·3	...	7·7	0	1	29	1	1	0	0	0	1	5	22	1
	0530	"	1002 6	968·8	...	87·1	65·8	48·8	12·1	28	...	1·5	..	9·4	0	7	23	3	1	0	0	0	0	3	23	1
	0830	"	1004·1	970·9	0	96·3	71·0	54·1	14·6	25	−4	1·6	−0·5	13·0	0	13	18	7	1	1	0	0	0	0	22	0
	1130	"	1003·0	970·3	...	106·6	73·7	52·6	13·7	18	...	1·6	...	9·6	0	6	25	7	5	1	0	0	1	4	13	0
	1730	"	998·5	966·0	...	108·3	73·8	49·8	12·8	16	...	3·1	...	9·9	0	8	22	1	0	0	0	1	2	14	12	1
	2330	"	1002·1	968·7	...	92·8	67·2	46·6	10·3	21	...	1·4	...	6·0	0	0	30	1	1	0	0	0	1	15	12	1
Gujarat																										
Deesa	0830	444	1007·5	992·3	+1·0	82·3	76·2	73·5	28·1	74	...	2·7	..	...	0	0	31	0	0	0	0	2	28	1	0	0
	1730	"	1002·3	987·7	...	101·7	76·3	62·0	19·4	29	...	1·1	...	...	0	0	30	0	0	0	0	1	24	5	0	1
Sura	0330	39	1007·4	1006·1	...	80·5	76·1	74·1	28·7	81	...	1·8	...	4·3	0	1	28	2	0	0	0	6	17	2	2	2
	0830	"	1009·4	1008·1	+1·5	85·4	77·4	73·8	28·5	68	+2	3·4	+0·4	4·4	0	0	30	0	1	0	0	3	19	1	6	1
	1130	"	1009·2	1007 9	...	91·8	78·4	72·2	27·0	54	...	2·4	...	6·7	0	0	31	1	0	0	0	3	19	7	1	0
	1730	"	1005·5	1004 2	...	91·4	78·8	73·1	27·8	56	...	0·5	...	10·1	0	3	28	0	0	0	0	5	24	1	1	0
	2330	"	1007·9	1006·6	...	83·1	77·7	75·3	30·0	78	...	1·1	...	8·3	0	2	29	0	0	0	0	6	23	2	0	0
Ahmedabad	0230	182	1005·8	999·6	...	83·0	76·2	72·8	27·8	72	...	0·5	...	9·2	0	3	28	0	0	0	0	0	10	19	2	0
	0530	"	1006·4	1000·2	...	80·1	75·9	74·0	28·6	82	...	1·6	...	7·5	0	0	31	0	0	0	0	0	9	19	3	0
	0830	"	1008·4	1002·1	+1·0	83·5	78·2	75·8	30·5	78	+8	3·2	+1·6	8·8	0	3	28	0	0	0	0	0	13	13	5	0
	1130	"	1008·0	1001·9	...	92·8	79·3	73·2	28·1	54	...	1·0	...	9·0	0	3	28	0	0	0	0	0	12	14	5	0
	1730	"	1002·9	996·9	...	103·8	78·0	63·9	21·0	29	...	0·9	...	11·9	0	10	21	0	0	0	0	0	9	17	5	0
	2330	"	1006·2	1000·0	...	87·9	77·2	71·7	27·0	61	...	0·2	...	8·8	0	2	29	0	0	1	0	3	12	13	2	0
Dohad	0830	1,093	1007·9	970·9	...	82·7	73·3	68·3	23·7	62	+2	1·5	+0·1	17·7	0	29	2	0	0	0	0	0	12	19	0	0
	1730	"	1002·7	967·1	...	99·8	72·1	53·6	14·3	22	...	0·1	...	12·5	0	12	19	0	0	0	0	0	14	17	0	0
Baroda	0530	115	1006·9	1002·9	...	80·3	76·1	74·1	28·8	82	...	1·0	...	3·0	0	0	24	0	0	0	0	1	20	3	0	7
	0830	"	1008·7	1004 8	...	84·7	77·0	73·2	28·2	69	+5	1·7	+0·3	4·7	0	0	30	0	0	0	0	0	19	7	4	1
	1130	"	1008·3	1004·4	...	94·6	77·3	68·7	24·2	43	...	0·6	...	5·2	0	0	30	0	0	0	0	2	18	6	4	1
	1730	"	1003 8	1000·0	...	102·5	77·8	64·5	21·3	31	...	0·1	...	5·9	0	0	29	1	0	0	0	0	16	10	2	2
	2330	"	1006·7	1002·8	...	85·7	78·3	75·0	29·8	71	...	0	...	7·4	0	0	31	0	0	0	0	0	29	2	0	0
Baroda (Aerodrome)	0530	124	1007·0	1002·7	...	80·9	75·4	72·7	27·6	76	...	0·8	...	4·6	0	0	29	0	0	0	0	0	26	3	0	2
	0830	"	1008·9	1004·7	...	84·8	75·5	71·1	25·9	64	...	1·9	...	6·3	0	0	31	1	0	0	0	2	17	9	2	0
	1730	"	1003·5	999·4	...	101·4	74·9	59·0	17·5	26	...	0·1	..	8·2	0	4	27	0	0	0	0	0	14	14	3	0
	2330	"	1006·8	1002·6	...	85·5	76·6	72 5	27·2	65	...	0	...	10·8	0	9	22	0	0	0	0	1	27	2	1	0
Broach	0830	57	1008·4	1006·4	...	82·9	77·4	75·0	29·6	77	...	1·3	...	3·8	0	0	31	0	0	0	1	1	21	2	6	0
	1730	"	1004·2	1002·3	...	98·2	79·5	70·2	25·9	43	...	0	...	6·5	0	0	31	0	0	0	0	0	26	0	5	0
Saurashtra and Kutch																										
Bhuj	0830	343	1007·6	995·8	+1·3	82·3	75·8	72·5	27·5	72	+8	1·3	+0·3	10·3	0	9	22	0	0	0	0	0	16	14	1	0
	1730	"	1004·6	993·0	...	93·3	76·4	67·7	23·4	44	...	0·1	...	15·5	0	23	8	0	0	0	0	0	15	16	0	0
Bhuj (P. B. O.)	0230	347	1005 8	993·9	...	79·3	75·1	73·3	27·8	82	...	0·6	...	9·6	0	8	23	0	0	0	0	0	26	5	0	0
	0530	"	1005 9	994·0	...	78·6	74·7	73·0	27·6	83	...	1·7	...	6·7	0	3	25	0	0	0	0	0	25	3	0	3
	0830	"	1007·2	995·3	...	83·1	75·1	72·0	26·1	69	...	1·9	...	9·2	0	3	28	0	0	0	0	0	21	10	0	0
	1130	"	1006·9	995·3	...	92·9	76 3	69·3	23·4	47	...	0·9	...	10·5	0	4	27	0	0	0	0	0	24	6	1	0
	1730	"	1004·5	992·9	...	93·5	75·9	68·3	22·6	45	...	0·3	...	13·2	0	14	17	0	0	0	0	0	23	8	0	0
	2330	"	1006·7	994·8	...	80·9	75·7	73·6	28·0	78	...	0·4	...	9·7	0	3	28	0	0	0	0	0	24	7	0	0
Dwarka	0830	37	1008·7	1007·4	+1·4	82·5	78·5	76·8	31·5	83	0	3·2	+0·9	11·9	0	10	21	0	0	0	0	0	12	17	2	0
	1730	"	1006·6	1005·3	...	85·0	80·0	77·8	32·7	79	...	3·1	...	16·4	0	30	1	0	0	0	0	0	12	17	2	0
Porbander	0830	23	1008·9	1008·1	..	82·0	77·7	75·7	30·5	82	...	3·7	...	11·8	0	10	21	0	0	0	0	0	13	15	3	0
	1730	"	1006·7	1005·9	...	86·0	79·7	76 9	31·8	74	...	3·4	...	14·1	0	22	9	0	0	0	0	0	11	19	1	0
Jamnagar	0530	74	1006·8	1004·2	...	78·7	74·8	72·9	27·7	83	...	3·6	...	9·5	0	8	23	0	0	0	0	0	19	12	0	0
	0830	"	1008·3	1005·8	+1·5	83·7	76·3	73·0	27·6	70	+4	4·0	+2·4	12·4	0	16	15	0	0	0	0	0	13	17	1	0
	1130	"	1008·4	1005·9	...	91·6	78·1	72·7	26·7	53	...	1·0	..	17·0	0	26	5	0	0	0	0	0	0	29	2	0
	1730	"	1005·4	1002·9	..	90·6	78·5	73·2	27·8	57	...	0·3	...	22·4	0	31	0	0	0	0	0	0	0	29	2	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, miles per hour.	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
ashtra and Kutch—*contd.*																										
jkot	0830	432	1008·6	993·8	+1·5	81·1	75·8	73·2	28·1	77	+8	2·8	+0·6	14·8	0	24	7	0	0	0	0	0	12	15	4	0
	1730	"	1004·2	989·9	...	99·7	75·4	61·6	19·0	29	...	1·2	...	21·7	0	28	3	1	0	0	0	0	7	15	8	0
jkot (Aerodrome)	0530	439	1006·9	991·8	...	77·3	73·6	71·8	26·6	83	...	3·5	...	13·0	0	17	14	0	0	0	0	0	24	7	0	0
	0830	"	1008·7	993·6	...	82·2	75·5	72·3	27·1	72	...	2·6	...	16·3	0	28	3	0	0	0	0	0	18	11	2	0
	1130	"	1007·9	993·3	...	94·3	75·5	65·7	21·6	39	...	0·7	...	15·6	0	24	7	0	0	0	0	0	15	13	3	0
raval	0230	26	1007·5	1006·6	...	80·5	76·9	75·4	29·9	85	...	2·9	...	13·4	0	14	17	0	0	0	0	0	3	19	9	0
	0530	"	1007·5	1006·6	...	79·7	76·3	74·8	29·4	85	...	3·1	...	11·3	0	12	19	1	0	0	0	0	2	20	8	0
	0830	"	1009·4	1008·5	+1·2	82·7	77·7	75·5	30·2	79	−3	4·0	+1·6	10·8	0	9	22	1	0	0	0	0	2	20	8	0
	1130	"	1009·8	1008·9	...	86·3	79·0	75·8	30·5	71	...	2·1	..	12·7	0	14	17	0	0	0	0	0	6	19	6	0
	1730	"	1006·9	1006·0	...	84·9	79·1	76·6	31·3	76	...	2·2	...	16·1	0	26	5	0	0	0	0	0	3	22	6	0
	2330	"	1008·7	1007·8	...	81·4	77·8	76·2	30·9	84	...	2·6	...	12·3	0	11	20	0	0	0	0	0	2	20	9	0
ahuva	0930	51	1009·0	1007·2	...	82·6	75·8	72·5	27·4	72	...	1·9	...	5·1	0	1	30	1	2	0	0	0	25	0	3	0
	1730	"	1005·2	1003·5	...	89·8	80·7	77·0	31·6	66	...	0·1	...	31·0	0	31	0	0	0	0	0	0	31	0	0	0
avnagar	0830	55	1009·5	1007 6	+1·9	82·4	76·7	74·0	28·8	76	+15	1·6	−0·2	5·5	0	0	31	0	0	0	0	2	10	15	4	0
	1730	"	1004·0	1002·2	...	100·6	84·6	78·0	33·3	51	...	1·4	...	9·0	0	0	31	0	0	0	2	18	5	5	1	0
avnagar (Aerodrome)	0930	35	1009·1	1007·9	...	84·5	76·0	71·8	26·8	66	...	1·9	...	11·2	0	11	20	0	0	0	0	0	19	7	5	0
	1130	"	1008·5	1007·3	..	94·7	77·1	68·2	23·9	43	...	0·9	...	8 3	0	1	29	2	3	4	0	0	14	5	2	1
kan																										
ahanu	0830	15	1009·3	1008·8	...	85·1	81·2	79·6	34·6	84	...	5·5	...	10·6	0	7	24	4	0	1	1	0	10	12	3	0
	1730	"	1006·9	1006·4		88·4	84·7	83·5	39·0	85	..	2·4	...	14·9	0	24	7	0	0	0	0	0	6	22	3	0
mbay (Colaba)	0830	35	1010·0	1008·8	+1·1	85·6	77·7	74·1	28·9	69	−5	3·1	−0·2	3·1	0	0	26	4	1	0	0	1	0	11	9	5
	1130	"	1010·1	1008·9	...	90·1	79·1	74·4	28·9	60	...	1·8	...	7·4	0	1	30	1	0	0	0	0	2	13	15	0
	1730	"	1007·4	1006·2	...	88·6	79·5	75·8	30·3	66	...	2·0	...	10·3	0	3	28	0	0	0	0	0	1	22	8	0
mbay (Santa Cruz Aerodrome).	0230	27	1008·2	1007·3	...	82·4	76·1	72·9	27·9	74	...	3·0	...	4·4	0	0	26	6	0	0	0	0	3	12	5	5
	0530	"	1008·3	1007·4	...	80·2	75·0	72·6	27·3	78	...	3·0	...	1·5	0	0	14	3	1	0	1	0	3	4	2	17
	0830	"	1010·1	1009·2	+1·2	85·3	76·4	72·2	27·0	65	−7	3·7	+0·4	5·4	0	0	27	5	2	0	0	0	2	10	8	4
	1130	"	1010·1	1009 2	...	88·7	77·1	71·6	26·5	57	...	1·8	...	11·0	0	3	28	1	0	0	0	0	1	20	9	0
	1730	"	1007·3	1006·4	...	87·3	77·6	73·1	27·9	63	...	2·4	..	13·7	0	16	15	1	0	0	0	0	0	17	13	0
	2330	"	1009·5	1008·6	...	83·7	76·7	73·5	28·2	71	...	3·2	...	6·1	0	1	29	2	0	0	0	0	5	16	7	1
ihag	0830	23	1010·3	1009·5	+1·7	84·8	79·8	77·8	32·7	81	+19	3·5	0	2·1	0	0	18	2	1	0	0	1	3	0	11	13
arnai	0830	66	1010·1	1007·8	...	83·6	78·1	75·5	30·4	77	...	3·6	...	6·8	0	2	27	13	4	3	0	0	0	0	9	2
	1730	"	1007·6	1005·3	...	84·7	79·6	77·4	32·2	79	...	3·3	...	16·5	0	21	10	1	0	0	0	0	1	13	16	0
atnagiri	0830	116	1009·9	1005·9	+0·8	84·3	77·2	74 0	28·7	71	...	3·3	...	...	0	0	31	8	2	1	0	0	0	0	20	0
	1730	"	1007·2	1003·3	...	87·5	78·9	74·7	29·9	67	...	2·3	...	...	0	13	18	0	0	0	0	0	0	6	25	0
evgad	0830	117	1010·1	1006·1	...	83 7	77·5	74·8	29·4	74	...	3·2	...	7·1	0	3	28	10	6	1	0	0	0	1	13	0
	1730	"	1007·4	1003·4	...	87·7	79·5	75·9	30·7	68	...	2·0	...	14·9	0	23	8	2	0	0	0	0	0	3	26	0
engurla	0230	29	1008·2	1007·2	...	80·9	76·2	74 1	28·7	80	...	2·7	...	...	0	0	7	0	1	0	0	0	0	0	6	24
	0530	"	1008·5	1007·5	...	79·4	75·6	73·8	28·5	83	...	2·3	...	..	0	0	2	1	0	0	0	0	0	1	0	29
	0830	"	1010·5	1009·5	...	85·1	76·8	73·2	27·7	67	...	3 7	..	...	0	0	11	2	4	1	0	0	0	1	3	20
	1130	"	1010 4	1009·4	...	88·9	77·8	72·8	27·5	60	...	2·7	...	..	0	1	29	2	0	0	0	0	1	13	14	1
	1730	"	1007·6	1006·6	...	87·6	78·0	73·6	28·4	63	...	1·7	...	...	0	0	11	2	4	1	0	0	0	1	3	20
	2330	"	1009·6	1008·6	...	82 5	76·7	74 1	28·7	76	...	1·5	...	...	0	1	12	2	0	0	0	0	0	1	10	18
armagao	0830	202	1010·4	1003·4	+1·3	83·8	77·6	73·0	29·5	75	0	3·7	−0·6	3·7	0	0	31	8	6	2	0	0	0	7	8	0
	1730	"	1007 4	1000·5	...	85·9	78·6	75·6	30·1	71	...	3·1	...	6·6	0	0	31	0	0	0	0	0	0	18	13	0
arwar	0830	13	1010·2	1009·8	+1·1	83·8	78·7	76·5	31·2	79	...	2 4	..	...	0	0	18	0	0	0	1	0	0	3	14	13
	1730	"	1007·3	1006·9	...	86·2	80·2	77·6	32·5	76	...	1 9	...	...	0	0	31	0	0	0	0	0	1	3	27	0
onavar	0830	85	1010·6	1007·7	...	84·1	78·4	75·7	30·6	76	...	4 8	...	1·6	0	0	23	0	0	11	2	0	0	5	5	8
	1730	"	1007·6	1004·7	...	87·6	79·5	75·8	30·8	70	...	4·5	...	4·0	0	0	31	0	0	0	0	0	0	20	11	0
ona (Deoh)																										
lgaon	0830	660	1007·9	985·5	...	84·9	75·0	69·9	25 2	62	..	0·4	...	19·0	0	28	3	0	0	0	0	0	0	16	15	0
	1730	"	1001·2	979 8	...	107·1	76·2	58·1	16·8	21	..	0·5	.	19·0	0	29	2	3	0	0	0	0	1	12	15	0
falegaon	0830	1,432	1007·7	960·1	+1·0	87·5	71·4	61·1	19·1	42	−5	0	−1·4	2·8	0	0	31	2	0	0	0	0	1	16	12	0
	1730	"	1001·4	955 2	...	101·0	71·5	51·2	13·0	21	...	0 9	...	3·4	0	0	31	1	0	0	0	0	0	11	19	0
olali	0830	1,875	898·6	946·1	...	78·7	70·6	66·5	21·9	66	...	1 3	...	8·5	0	5	25	0	1	0	0	0	15	9	5	1
hmednagar	0830	2,154	899·5	936·7	+0 9	82·9	67·9	59·3	17·2	46	+5	0 7	−0·7	5·6	0	0	29	5	1	0	0	0	0	1	22	2
	1730	"	896·6	932·5	...	99 9	69 5	46·1	12·2	19	...	2·1	...	5·1	0	0	29	1	1	0	0	0	0	1	26	2
oona	0530	1,835	896·5	946·1	...	72·1	67 2	64·5	20.8	77	...	0·8	...	1·4	0	0	15	0	0	0	0	0	1	13	1	16
	0830	"	898·8	947 7	+0·9	79 9	69·2	63 5	20·0	58	0	1·1	−0·9	3·0	0	0	29	0	0	0	0	0	2	21	6	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 %.	Departure from normal.	Cloud amount (Oktas).		Mean wind speed, miles per hour.	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
Deccan (Desh)—*contd.*																										
Poona—*contd.*	1130	1,835	899·4	947·1	...	92·5	69·4	55·0	15·2	30	...	0·6	...	6·5	0	0	30	0	1	1	0	0	0	23	5	1
	1730	"	896·8	944·1	...	94·8	71·4	58·3	16·7	31	...	1·0	...	5·9	0	0	30	1	0	0	0	0	0	22	7	1
	2330	"	897·9	946·9	..	77·8	69·6	65·3	21·4	66	...	0·5	...	2·3	0	0	20	0	0	0	0	0	1	17	2	11
Poona (Lohagaon Aerodrome)	0230	1,947	896·8	942·0	...	73·6	67·4	63·9	20·4	72	...	0·1	...	8·0	0	4	24	0	0	0	0	0	0	8	20	3
	0530	"	896·8	942·2	...	71·4	66·3	63·5	20·0	77	...	0·6	...	7·0	0	5	21	0	0	0	0	0	0	12	14	5
	0830	"	899·0	943·8	...	78·9	68·4	62·9	19·4	59	...	1·0	...	14·2	0	19	12	0	0	0	0	0	0	13	18	0
	1130	"	899·6	943·4	...	91·7	68·0	52·0	13·8	28	...	0·6	...	15·1	0	19	12	3	0	1	0	0	0	4	23	0
	1730	"	896·8	940·3	...	94·1	69·9	55·4	15·2	28	...	1·2	...	22·1	0	31	0	2	0	0	0	0	0	9	20	0
	2330	"	898·2	943·1	...	77·3	68·8	64·2	20·6	65	...	0·4	...	12·9	0	15	16	1	0	0	0	0	0	9	21	0
Jeur	0830	1,709	897·7	950·8	...	82·5	71·1	64·8	21·3	57	...	1·3	...	12·1	0	11	20	3	0	0	0	0	0	12	16	0
	1730	"	895·0	945·9	...	102·4	74·3	58·5	17·5	25	...	2·8	...	11·5	0	10	21	5	1	0	0	0	0	11	14	0
Sholapur	0530	1,570	1006·6	953·7	...	78·6	66·6	59·3	17·4	53	...	1·7	...	6·1	0	0	30	5	1	0	0	0	1	9	14	1
	0830	"	1007·8	955·4	+0·7	84·7	69·3	60·4	18·2	45	−3	1·0	−1·2	2·8	0	0	27	4	18	0	0	0	1	2	2	4
	1130	"	1005·9	954·8	...	97·8	69·8	52·1	13·4	23	...	0·9	...	7·5	0	2	26	16	1	0	0	0	0	1	10	3
	1730	"	1000·6	950·2	...	104·0	69·9	46·2	11·1	15	...	3·5	...	4·7	0	0	27	0	9	0	0	0	8	1	9	4
	2330	"	1005·2	953·5	...	90·5	68·9	55·6	15·4	31	...	2·1	...	9·7	0	6	22	5	2	0	0	0	0	10	11	3
Miraj	0830	1,817	898·6	948·2	+1·1	78·5	70·6	66·5	22·3	67	−5	1·4	−1·3	7·5	0	1	29	2	1	0	0	0	0	11	16	1
	1730	"	896·7	944·4	...	97·2	74·3	62·4	19·6	33	...	3·0	...	13·1	0	15	16	0	1	0	0	1	1	18	10	0
Kolhapur	0530	1,870	896·7	944·7	...	73·1	69·1	67·3	22·7	82	...	1·5	...	6·5	0	3	27	1	0	0	0	0	1	27	1	1
	0830	"	898·6	946·3	..	78·5	70·3	66·0	22·0	66	...	1·4	...	8·6	0	3	28	1	1	0	0	0	0	25	4	0
	1130	"	899·5	946·0	...	91·2	70·4	58·2	16·9	35	...	1·3	...	9·3	0	4	26	1	2	1	0	0	1	20	5	1
	1730	"	896·4	942·7	...	91·8	73·5	64·1	20·7	41	...	1·8	...	16·1	0	27	3	0	0	0	0	0	1	26	3	1
Bijapur	0830	1,950	898·9	943·3	+0·7	82·4	68·4	60·2	18·0	48	−11	2·3	−0·1	7·9	0	1	30	7	1	0	0	0	1	7	15	0
	1730	"	895·5	938·1	...	102·0	68·0	42·8	9·6	14	...	3·2	...	6·2	0	1	26	5	1	1	0	0	1	7	12	4
Belgaum	0830	2,562	900·8	924·6	+1·1	71·8	68·3	66·1	22·2	82	+7	2·0	−1·2	0·8	0	0	11	2	1	0	0	1	2	2	3	20
	1730	"	898·7	921·7	...	89·7	71·8	61·6	19·3	41	...	2·0	...	3·5	0	0	30	5	1	0	1	7	10	3	3	1
Belgaum (Sambre Aerodrome)	0530	2,497	898·7	924·8	...	70·0	67·4	65·9	21·9	88	...	3·1	...	5·0	0	1	24	1	0	0	0	0	3	19	2	6
	0830	"	900·7	926·3	...	78·5	69·4	64·6	20·9	63	...	2·1	...	10·2	0	10	20	2	0	0	0	0	2	18	8	1
	1130	"	900·9	926·0	...	89·8	69·5	57·3	16·3	35	...	1·6	...	12·1	0	17	13	5	3	0	0	0	0	12	10	1
	1730	"	898·3	923·5	...	88·1	74·2	67·3	23·2	52	...	2·5	...	21·0	0	30	1	0	1	0	0	0	1	29	0	0
Gadag	0830	2,131	899·8	938·1	+1·2	77·8	72·0	69·1	24·4	75	+1	4·0	+1·0	7·7	0	0	31	0	0	0	0	1	4	24	2	0
	1730	"	896·6	933·4	...	97·0	75·7	64·0	21·6	38	...	4·6	...	7·4	0	1	30	1	0	2	1	0	2	20	5	0
Gadag (P. B. O.) . .	0530	2,167	897·5	934·8	...	73·7	69·7	67·9	23·2	83	...	3·1	...	...	0	10	17	0	0	0	0	0	10	17	0	4
	0830	"	899·9	936·7	...	79·3	71·6	68·4	23·3	70	...	2·9	...	...	0	6	24	0	0	0	0	0	15	15	0	1
	1130	"	900·0	936·1	...	90·3	70·6	61·6	17·6	39	...	1·8	...	...	0	0	27	2	0	0	0	0	4	16	5	4
	1730	"	896·4	932·1	...	95·3	71·1	59·3	16·2	32	...	3·4	...	...	0	2	22	0	1	0	1	0	0	17	5	7
	2330	"	898·3	935·2	...	78·5	72·2	69·8	24·5	75	...	2·6	...	...	0	8	23	0	0	0	0	0	5	25	1	0
Hyderabad, North																										
Aurangabad . . .	0830	1,905	898·4	944·5	+0·5	81·6	68·0	59·8	17·9	49	+5	0·5	−1·2	9·7	0	7	23	2	0	0	0	0	6	18	4	1
	1730	"	896·0	940·1	...	102·5	70·5	49·9	12·5	18	...	2·0	...	14·7	0	20	11	1	0	0	0	0	1	17	12	0
Aurangabad (Chikalthana Aerodrome)	0230	1,898	895·9	942·3	...	79·8	64·4	53·4	14·4	42	...	0	...	11·7	0	12	16	1	0	0	0	0	0	17	10	3
	0530	"	896·0	942·8	...	75·6	63·3	55·0	14·9	51	...	0·1	...	9·3	0	2	27	0	0	0	0	0	0	23	6	2
	0830	"	898·6	944·5	...	86·1	68·6	57·7	16·8	40	...	0·3	...	11·9	0	12	19	5	0	0	0	0	0	10	16	0
	1130	"	898·9	944·0	...	95·9	69·6	52·7	13·9	25	...	0·4	...	12·3	0	14	17	6	1	0	0	0	0	5	19	0
	1730	"	895·7	940·1	...	101·1	68·5	45·1	10·6	16	...	1·5	...	12·0	0	12	19	4	0	0	0	0	0	11	16	0
	2330	"	897·4	943·3	...	85·3	66·8	54·7	14·9	36	...	0·2	...	11·4	0	11	20	0	0	0	0	0	0	11	20	0
Parbhani	0830	1,393	1006·6	960·6	...	87·5	69·6	55·9	16·6	34	...	0·7	...	...	0	14	17	4	0	0	0	0	0	24	3	0
	1730	"	1000·2	955·6	...	106·1	71·9	46·6	11·2	14	...	1·9	...	...	0	7	23	4	0	0	0	0	0	25	1	1
Ramagundam . . .	0830	513	1004·9	987·8	...	96·1	72·6	57·1	16·7	29	...	0·8	...	4·0	0	0	30	2	2	0	1	7	4	5	9	1
	1730	"	999·2	982·7	...	110·3	74·5	50·8	12·9	15	...	2·8	...	3·6	0	0	31	8	6	1	0	1	3	2	10	0
Nizamabad . . .	0830	1,250	1005·8	964·7	+0·6	92·8	68·0	49·0	12·1	24	−17	1·5	−0·7	2·4	0	0	19	1	0	0	0	0	1	0	17	12
	1730	"	999·6	959·5	...	106·2	72·7	48·3	12·3	16	...	2·3	...	2·0	0	0	18	1	1	0	0	0	0	2	14	13
Bidar	0830	2,178	898·6	934·6	...	87·3	66·5	52·4	13·7	31	−16	1·2	−1·2	14·4	0	19	12	3	0	0	0	0	0	2	26	0
	1730	"	895·4	930·3	...	101·9	70·2	48·9	12·3	17	...	3·1	...	7·2	0	1	30	3	6	0	1	0	3	7	11	0
Hyderabad, South																										
Gulbarga	0830	1,503	1006·9	957·3	+0·8	87·6	68·0	55·3	15·5	35	−16	1·8	−0·3	9·5	0	3	28	5	2	0	0	0	1	12	11	0
	1730	"	999·7	951·7	...	101·0	69·7	44·9	11·8	14	...	3·1	...	8·8	0	2	29	4	4	2	0	0	2	7	12	0
Raichur	0830	1,311	1007·5	963·7	+0·6	86·4	74·4	68·3	23·6	57	+1	3·0	+0·7	11·2	0	7	24	2	1	0	0	0	4	10	14	0
	1730	"	1000·3	958·3	...	105·3	75·2	56·5	16·2	22	...	4·3	...	6·0	0	1	29	6	4	1	0	2	0	4	13	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).		Mean wind speed, miles per hour.	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
Ierabad, South—*contd.*																										
hbubnagar	0830	1,657	897·3	951·6	...	88·6	75·4	68·2	24·6	54	...	2·5	...	11·7	0	11	19	4	0	0	1	0	3	6	16	1
	1730	"	894·4	946·9	...	103·1	78·4	66·4	23·1	34	...	4·0	...	8·0	0	2	29	4	8	3	1	1	4	4	6	0
yderabad (Nizamiah)	0830	1,778	897·3	947·0	+0·3	90·4	68·4	54·2	14·8	31	−19	2·1	−0·9	14.1	0	19	12	5	0	1	0	1	1	2	21	0
	1730	"	894·8	943·1	...	104·0	71·4	51·0	13·0	18	...	3·0	...	7·9	0	2	27	6	11	0	0	1	1	1	9	2
yderabad (Begumpet Aerodrome).	0230	1,787	894·6	944·2	...	87·3	66·5	51·9	14·3	31	...	2·4	...	7·4	0	6	20	1	2	1	2	1	2	10	7	5
	0530	"	895·3	945·3	...	84·7	66·1	53·3	14·4	36	...	3·5	...	8·5	0	5	23	1	0	2	0	1	3	10	11	3
	0830	"	897·5	946·9	+0·5	90·1	67·8	53·0	14·2	30	−21	2·4	−0·6	15·5	0	23	8	2	0	1	0	0	2	9	17	0
	1130	"	897·9	946·4	...	99·9	69·5	49·4	11·6	19	...	1·6	...	13·3	0	16	15	15	1	0	1	1	0	1	12	0
	1730	"	894·7	943·1	...	103·3	69·2	45·0	10·5	14	...	3·5	...	9 6	0	2	29	8	2	0	0	2	1	7	11	0
	2330	"	895·6	945·0	...	89·5	67·1	52·2	13·6	29	...	2·3	...	5·9	0	0	27	2	1	3	5	0	4	7	5	4
lakimpet	0530	2,012	895·8	937·8	...	83·0	66·2	54·9	15·1	40	...	2·8	...	8.0	0	4	27	5	2	0	1	2	1	9	11	0
	0830	"	897·8	939·4	...	89·6	68·9	55·9	15·8	34	...	1·4	...	15·8	0	23	8	11	0	0	1	0	1	4	14	0
	1130	"	898·1	939·0	...	98·3	71·1	54·6	14·9	24	...	1·0	...	15·2	0	21	9	18	6	0	0	1	0	0	5	1
	1730	"	895·0	935·5	...	101·7	71·1	51·8	13·6	20	...	2·3	...	7·6	0	4	26	14	6	1	0	0	0	3	6	1
lanamkonda	0830	881	1005·3	976·0	−0·1	92·7	74·5	62·9	20·9	41	−6	1·3	−1·7	9·6	0	8	22	3	0	1	5	10	2	0	9	1
	1730	"	999·9	971·6	...	107·8	73·2	48·3	12·2	15	...	1·6	...	3·8	0	0	31	11	3	1	0	2	0	2	12	0
hadrachallam	0830	364	1005·6	993·4	...	91·4	78·0	70·9	26·6	54	...	1·3	...	5·3	0	0	31	0	2	1	12	7	5	1	3	0
	1730	"	999·9	988·0	...	106·7	74·4	53·1	14·4	19	...	5·6	...	6·6	0	1	28	0	3	6	4	3	5	2	6	2
hammameth	0830	367	1005·5	993·2	...	91·2	81·1	76·7	31·6	65	...	1·4	...	4·1	0	1	24	2	0	4	15	1	0	2	1	6
	1730	"	999·9	988·1	...	108·3	80 2	66·6	22·3	28	...	3·5	..	4·3	0	1	27	7	0	6	4	1	0	9	1	3
astal Andhradesa																										
ellore	0530	65	1003·9	1001·7	...	86·2	77·4	73·2	24·1	66	...	3·0	...	3·6	0	0	28	0	0	2	4	15	1	5	1	3
	0830	"	1005·8	1003·7	−0·2	94·8	77·8	69·7	24·8	46	—14	3·5	−0·3	4·9	0	0	28	0	0	0	2	7	3	13	3	3
	1130	"	1005·1	1002·9	...	103·7	78·1	64·8	21·5	29	...	2·1	...	6·2	0	0	31	0	0	1	2	1	2	19	6	0
	1730	"	1002·0	999 8	...	98·5	79·3	69·4	25·4	41	...	4·1	...	6·2	0	0	31	0	0	14	12	0	0	3	2	0
	*2330	"	1004·5	1002·3	...	88·5	78·7	74·2	29·1	63	...	2.0	...	5·5	0	0	29	0	0	4	5	19	1	0	0	1
ngole	0830	38	1005·3	1004·0	...	94·2	82·3	77·5	32·3	59	...	1·3	...	5·4	0	0	31	1	0	1	7	3	5	12	2	0
	1730	"	1001·4	1000·1	...	97·1	82·7	76·6	31·6	35	...	2·5	...	7·7	0	1	30	0	0	0	27	0	1	2	1	0
annavaram	0530	88	1004·1	1001·1	...	84·1	78·1	75·0	20·1	75	...	2·6	...	4·3	0	2	25	1		6	10	5	2	1	1	4
	0830	"	1005 9	1002·9	...	91·7	80·3	75·0	30·2	60	...	1·8	...	6·7	0	3	26	0	0	1	9	9	4	3	3	2
	1130	"	1004·7	1001·8	...	101·5	79·7	68·4	24·6	37	...	0·9	...	6·9	0	5	24	4	2	2	4	4	6	2	5	2
	1730	"	1001·2	998·3	...	100·7	78·6	67·4	23·4	38	...	3·1	...	11·3	0	13	17	2	1	3	9	8	3	1	3	1
	2330	"	1004·6	1001·5	...	87·9	78·1	73·3	28·4	64	...	2·2	...	7·0	0	5	25	0	1	2	8	13	5	0	1	1
Masulipatam	0230	10	1003·4	1003·1	...	85·3	81·3	79·5	34·7	84	...	2·5	...	8 3	0	3	27	0	0	0	3	18	8	0	1	1
	0530	"	1003·9	1003·5	...	84·6	81·1	79·7	35·7	86	...	3·6	...	5·3	0	1	27	0	0	0	0	22	4	0	2	3
	0830	"	1005·7	1005·4	−0·4	90·6	82·0	77·8	33 4	69	−3	2·6	−1·1	7·5	0	4	26	0	0	0	3	16	5	4	2	1
	1130	"	1004·9	1004·6	...	97·9	82·8	75·8	31·4	53	...	2·0	...	9·9	0	7	24	1	0	2	7	9	5	3	4	0
	1730	"	1001·7	1001·4	..	93·6	82·3	77·5	32·5	64	...	1·3	...	6·5	0	0	31	0	0	0	3	23	4	0	1	0
	2330	"	1004·5	1004·2	...	86·3	82·1	80·4	35·5	83	...	2·4	...	8·3	1	1	28	0	0	0	2	23	5	0	0	1
Kakinada	0830	26	1006·3	1005·4	0	90·5	82·0	78·3	33·5	69	—2	3·6	−0·8	5·8	0	0	31	0	2	0	4	0	24	0	1	0
	1730	"	1002·8	1001·2	...	94·0	82·3	76·3	32·4	62	...	1·6	...	6·6	0	1	30	0	0	0	17	1	10	2	1	0
Visakhapatnam	0230	11	1003·5	1003·1	..	83·7	80·7	79·8	34·4	87	...	5·0	...	4·6	0	1	19	1	0	1	0	3	13	2	0	11
	0530	"	1004·0	1003·6	...	83·3	80·3	78·9	34·0	88	...	5·5	...	4·0	0	0	16	0	0	0	0	2	8	5	1	15
	0830	"	1005·8	1005·4	0	90·1	81·8	78·3	33·3	70	—4	4·2	−0·5	10·0	0	8	20	0	0	0	0	1	16	9	2	3
	1130	"	1004 8	1004·4	...	93·3	84·7	79·8	37·2	62	...	2·0	...	14·8	0	22	8	0	0	0	1	10	16	2	1	1
	1730	"	1002·3	1001·9	...	89·7	83·4	81·1	36·2	78	...	4·3	...	12·9	0	16	15	0	0	1	0	12	18	0	0	0
	2330	"	1004·5	1004·1	...	85·1	81·6	80·3	35·1	86	...	4·5	...	5·6	0	1	21	0	0	0	1	6	14	1	0	9
Calingapatam	0830	19	1005·5	1004·8	−0·1	85·4	80·7	78·9	33·7	81	+9	5·3	+1·8	7·1	0	0	31	0	0	0	0	15	16	0	0	0
	1730	"	1001·9	1001·3	...	88·0	82·3	80·1	35·1	78	...	4·9	..	11·2	0	0	31	0	0	0	0	15	16	0	0	0
Rentachintala	0830	348	1005·4	993·8	...	93·9	75·2	64·5	21·4	40	−13	2·3	−1·9	2·9	0	0	20	0	0	3	1	2	0	13	1	11
	1730	"	1000·0	988·8	...	108·8	75·9	55·2	15·6	19	..	3·0	...	3·5	0	0	27	8	1	5	2	1	0	10	0	4
yalaseema																										
Arogyavaram	0830	2,299	899·5	931·6	...	84·1	70·3	62·5	19·6	49	...	4·1	...	6·7	0	1	27	4	0	0	0	0	0	9	15	3
	1730	"	896·5	927·8	...	95·2	69·4	53·0	14·0	25	...	4·4	...	4·9	0	0	31	10	2	1	3	1	0	1	13	0
Cuddapah	0830	428	1007·4	993·2	+0 4	93·2	75·0	65·0	21·4	40	−14	1·9	−1·3	3·3	0	0	27	0	0	0	0	0	0	27	0	4
	1730	"	1001·2	987·3	...	105·9	84·0	74·8	29·9	39	...	1·9	...	1·5	0	0	18	0	0	1	1	1	0	15	0	13
Bellary	0830	1,473	1007·7	958·5	+0·4	84·8	70 6	62·0	19·2	47	−8	3·2	−0·2	4·1	0	0	28	0	0	0	0	0	2	3	23	3
	1730	"	1000·7	953·3	...	102·2	70·2	45·5	10·8	15	...	4·1	...	4·3	0	0	30	0	7	0	0	1	1	2	19	1

*Observations for 30 days.

Division and station.	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet.	Mean pressur in millibars.			Mean temperature in °F.			Vapour pressure in mb.	Relative humidity %.		Cloud amount (Oktas).		Mean wind speed, miles per hour.	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
Rayalaseema—*contd.*																										
Kurnool	0830	923	1007·2	976·3	+0·3	88·2	73·8	65·9	21·9	49	−6	1·8	−1·3	13·9	0	18	12	0	0	0	0	0	2	22	6	1
	1730	"	1000·2	970·5	...	105·8	73·7	52·2	13·8	18	...	3·0	...	3·6	0	1	14	0	0	0	0	0	0	11	4	16
Anantapur	0530	1,147	1005·9	967·1	...	80·9	72·8	68·5	23·9	66	...	2·9	...	8·6	0	7	17	0	0	0	0	0	6	18	0	7
	0830	"	1007·7	969·1	...	85·0	73·9	68·2	23·6	59	...	2·9	...	11·6	0	11	19	0	0	0	0	0	5	24	1	1
	1130	"	100·1	968·3	...	94·2	74·4	62·9	21·1	35	...	1·4	...	7·7	0	2	26	1	0	0	0	0	0	23	4	3
	1730	"	1000·7	963·6	...	103·3	74·0	55·3	15·4	21	...	2·9	...	4·6	0	0	25	3	2	1	0	1	0	7	11	6
	2330	"	1004.5	966·4	...	89·0	72·7	63·0	20·1	44	...	3·3	...	9·8	0	12	12	1	0	1	0	0	1	19	2	7
Tamilnad																										
Palayamcottai	0830	167	1008·2	1002·5	...	91·2	76·5	69 0	24·5	50	...	1·1	...	3·1	0	0	28	0	0	0	0	5	4	15	4	3
	1730	"	1004·2	998 6	...	97·5	78·9	70·7	25·3	43	...	3·2	...	6·8	0	1	28	2	1	3	0	0	1	19	3	2
Pamban	0830	37	1008·4	1007·1	+0·4	86·1	80·8	78·5	33·5	78	0	0·9	−1·8	9·8	0	5	26	0	0	0	0	22	8	1	0	0
	1730	"	1005·2	1004·0	...	86·1	80·8	78·9	33·5	78	...	0·9	...	14·0	0	20	11	0	0	0	2	29	0	0	0	0
Mathurai	0830	437	1008·1	993·3	+0·2	88·2	76·7	71·0	26·1	58	−5	2·6	−1·7	3·2	0	0	26	4	0	1	0	0	1	5	15	5
	1730	"	1003·5	989·1	...	98·7	78·7	69·1	24·5	40	...	4·8	...	2·1	0	0	18	1	2	2	5	3	1	2	2	13
Nagapattinam	0830	31	1008·0	1007·0	+0·4	88·9	79·4	75·2	30·0	65	−4	3 3	−0·5	8·7	0	1	30	0	0	0	0	5	17	9	0	0
	1730	"	1004·2	1003·2	...	90·8	81·1	76·8	31·8	64	...	3·1	...	11·7	0	6	25	0	0	1	9	14	7	0	0	0
Tiruchirapalli	0230	289	1005·9	995·9	...	83·6	76·3	72·7	27·6	69	...	2·1	...	9·6	0	8	20	0	0	1	0	2	8	14	3	3
	0530	"	1006·2	996·3	...	81·6	75·6	72·9	27·5	75	...	2·8	...	9·6	0	8	22	0	0	1	0	3	3	18	5	1
	0830	"	1007·9	998·0	−0·1	86·6	78·3	71·6	29·3	68	+3	2·8	−0·6	16·4	0	22	9	0	0	0	0	2	1	20	8	0
	1130	"	1007·0	997·3	...	95·4	81·0	74·5	29·6	52	...	2·3	...	16·5	0	24	7	0	0	0	0	2	0	20	9	0
	1730	"	1002·9	993·4	...	101·2	82·4	74·4	29·3	43	...	3·1	...	10·6	0	8	23	2	1	2	2	2	2	13	7	0
	2330	"	1007·2	997·6	...	86·4	78·0	74·1	28·9	68	...	2·1	...	7·3	0	6	20	1	1	0	0	2	5	13	4	5
Coimbatore	0830	1,341	1009·5	964·3	+1·2	80·9	74·2	70·6	25·8	71	−7	3·2	−0 2	8·4	0	0	31	0	0	0	0	0	15	16	0	0
	1730	"	1004·6	960·3	...	89·5	75·3	67·5	23·5	50	...	3·3	...	10·4	0	0	31	0	0	0	0	0	15	16	0	0
Coimbatore (Peelamedu Aerodrome).	0530	1,307	1007·1	962·7	...	75·7	73·1	72·1	26·7	89	...	3·0	...	9·5	0	8	20	0	0	0	0	14	14	0	0	3
	0830	"	1008·8	964·7	...	80·3	74·1	71·2	26·0	74	...	2·0	...	8·5	0	4	25	0	0	0	13	15	1	0	0	2
	1130	"	1007·2	964·1	...	89·4	75·1	67·6	23·3	50	...	1·9	...	10·5	0	9	21	0	0	1	0	15	11	3	0	1
	1730	"	1003·6	960 5	...	90·1	75·2	67·3	14·2	48	...	2·7	...	19·2	0	27	4	0	0	0	15	15	0	1	0	0
	2330	"	1008·4	964·1	...	78·5	73 9	71·9	27·5	80	...	3·3	...	15·5	0	21	10	0	2	1	1	13	14	0	0	0
Salem	0530	913	1006·1	975·2	...	79·3	73·5	70·5	25·6	75	...	2·8	...	2·1	0	0	21	0	1	1	3	3	13	0	0	10
	0830	"	1008·3	977·5	+0·3	83·6	75·0	70·7	25·8	66	−5	2·9	−0·5	4·2	0	0	30	0	0	0	0	0	28	2	0	1
	1130	"	1007·1	976·7	...	91·5	75·7	67·3	23·2	46	...	1·3	...	3·3	0	0	30	1	0	1	2	1	15	9	1	1
	1730	"	1002·5	972·5	...	96·6	76·9	66·6	22·6	39	...	2·9	...	2·3	0	0	22	1	0	1	1	10	6	3	0	9
	2330	"	1007·4	976·6	...	83.9	74·0	68·8	24·1	63	...	3·8	...	2·6	0	0	25	0	0	0	6	2	17	0	0	6
Kallakurichi	0830	416	1006·9	992·9	...	88·7	76·3	70·4	25·3	56	...	2·7	...	1·0	...	...	...	...	...	...	...	...	...	...	...	...
	1730	"	1002·0	988·3	...	100·7	76·8	63·5	20·6	33	...	3·3	...	2.7	...	...	...	...	...	...	...	...	...	...	...	...
Cuddalore	0530	39	1005·5	1004·2	...	82·4	76·6	73·5	28·6	76	...	1·9	...	4·6	0	0	28	0	0	0	1	14	12	1	0	3
	0830	"	1007·5	1006·2	+0·2	89·4	77·7	72·3	27·8	57	−11	1·9	−1·4	4 6	0	0	29	0	0	0	2	4	23	0	0	2
	1130	"	1006·7	1005·4	...	97·5	78·8	69·7	25·1	42	...	2·2	...	6·5	0	0	31	0	0	0	7	8	9	7	0	0
	1730	"	1003·2	1001·9	...	88·4	81·9	79·4	34·3	75	...	3·2	...	5·4	0	0	31	0	0	9	18	4	0	0	0	0
	2330	"	1006·7	1005·4	...	86·0	78·7	75·5	30·2	71	...	1·5	...	9·1	0	6	23	0	0	0	8	9	11	1	0	2
Vellore	0530	703	1005·4	981·6	...	82·3	73·3	68·5	24·0	64	...	3·3	...	3·6	0	0	23	3	2	0	0	3	3	5	7	8
	0830	"	1006·9	983·3	+0·6	88·9	74·8	67·3	23·1	50	−13	2·7	+0·1	3·7	0	0	28	0	0	0	1	1	1	15	10	3
	1130	"	1005·5	982·3	...	97·6	76·1	64·2	21·0	35	...	2·8	...	6·9	0	2	29	3	0	0	1	3	4	12	8	0
	1730	"	1002·4	979·2	...	97·2	74·6	61·1	19·0	35	...	4·3	...	6·3	1	1	29	5	7	2	3	4	3	1	6	0
	2330	"	1005·7	982·0	...	86·9	74·9	68·7	24·1	56	...	2·5	...	1·5	0	1	11	3	0	1	1	3	1	3	0	19
Madras	0230	51	1004·6	1002·9	...	85·7	81·3	79·4	34·5	82	...	2·3	...	11·0	0	16	15	0	0	0	0	21	9	1	0	0
	0530	"	1005·2	1003·5	...	84·5	80·5	78·6	33·7	83	...	4·0	...	8·3	0	2	28	0	0	0	1	16	12	1	0	1
	0830	"	1006·9	1005·2	+0·2	90·9	81·5	77·6	32·4	66	+6	3·2	−0·2	10·1	0	6	25	0	0	0	0	9	15	6	1	0
	1130	"	1005·8	1004·1	...	100·6	84·4	78·3	32·9	51	...	2·9	...	9·5	0	6	24	1	0	0	1	6	6	14	2	1
	1730	"	1003·1	1001·4	...	93·1	84·8	81·6	37·2	70	...	3·3	...	11·8	0	10	21	0	0	0	20	10	1	0	0	0
	2330	"	1005·9	1004·2	...	86·6	82·9	81·5	36·8	85	...	1·6	...	11·2	0	12	18	0	0	0	2	27	1	0	0	1
Madras (Nungambakkam)	0830	21	1006·3	1005·6	...	91·5	78·7	72·9	27·7	55	...	2·5	...	5·2	0	0	31	0	0	0	3	7	19	1	1	0
Malabar and South Kanara																										
Mangalore	0230	72	1008·4	1005·9	...	82·9	77·5	75·1	29·7	77	...	5·3	...	3·9	0	0	25	10	1	1	0	0	0	3	10	6
	0530	"	1008·7	1006·2	...	81·3	77·0	74·9	29·7	81	...	5 3	...	3·0	0	0	25	4	11	1	0	0	0	1	8	6
	0830	"	1010·5	1008·0	+0·9	85·0	77·8	74·8	29·4	72	−2	5·3	+0·4	3·3	0	0	27	8	8	2	0	1	0	1	7	4
	1130	"	1010·3	1007·9	...	87·7	78·4	74·0	29·0	65	...	4·0	..	6·2	0	0	31	7	0	0	0	0	0	3	21	0
	1730	"	1007·4	1004·9	...	87·0	78·7	74·8	30·0	67	...	3·3	...	8 3	0	0	31	1	0	0	0	0	0	8	22	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).		Mean wind speed, miles per hour.	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
ıbar and South Kanara— *ontd.*																										
angalore—*contd.* . .	2330	72	1009·8	1007·3	...	83·9	77·8	75·2	29·7	75	...	4·1	...	5·0	0	1	26	9	0	0	1	0	0	1	16	4
ozhikode. . . .	0530	27	1008·3	1007·4	...	80·7	77·4	75·9	30·7	86	...	5·3	...	2·8	0	0	19	4	5	1	0	0	0	0	9	12
	0830	"	1010·0	1009·1	+0·7	83·9	78·4	75·9	30·7	77	−3	4·6	−0·4	4·3	0	0	28	1	3	0	0	0	2	3	19	3
	1130	"	1010·1	1009·2	...	89·4	81·1	77·6	32·5	69	...	3·8	...	9·9	0	0	31	0	0	0	0	0	1	14	16	0
	1730	"	1006·9	1006·1	...	88·0	81·6	78·6	34·0	74	...	4·4	...	11·2	0	5	26	0	0	0	0	0	1	15	15	0
	2330	"	1009·7	1008·8	...	85·6	79·6	78·0	32·7	83	...	5·3	...	8·7	0	5	23	1	0	0	0	0	0	3	24	3
ghat	0830	319	1010·1	999·2	...	82·8	76·9	74·2	28·9	75	...	3·0	...	9·2	0	0	31	0	0	0	0	0	1	30	0	0
	1730	"	1005·9	995·1	...	90·5	77·6	71·8	26·3	54	...	3·5	...	13·6	0	16	15	0	0	0	0	0	5	23	3	0
ore																										
italdrug	0830	2,405	900·0	928·9	+0·6	76·4	70·4	67·5	23·0	74	+3	4·2	0	6·2	0	0	31	0	0	0	0	0	10	21	0	0
	1730	"	897·0	924 7	...	96·4	70·9	55·9	15·5	26	...	3·9	...	4·4	0	0	29	0	0	1	0	0	3	19	6	2
imoga	0830	1,872	899·4	947·5	...	78·2	72·2	69·3	24·6	74	...	5·2	...	2·8	0	0	28	0	0	0	0	4	13	10	1	3
	1730	"	896·4	942·6	...	91·7	73·7	64·8	21·0	43	...	3·6	...	4·8	0	0	28	1	0	0	0	4	11	9	3	3
ssan	0830	3,149	901·4	905·7	...	73·4	69·1	67·2	22·5	80	+5	4·4	+0·6	8·2	0	1	29	1	0	0	0	0	4	25	0	1
	1730	"	898·2	902·5	...	84·6	72·3	66·0	22·0	55	...	4·8	...	11·4	0	10	21	1	0	0	0	0	8	21	1	0
ngalore (Central Observatory)	0230	3,021	898·7	907·2	...	73·7	68·3	65·3	21·3	76	...	3·5	...	10·1	0	9	21	0	1	1	0	0	7	18	3	1
	0830	"	901·0	909·4	+0·7	76·8	69·3	65·4	21·4	68	−5	3·7	−0·2	9·2	0	4	27	0	0	0	0	0	2	19	10	0
	1130	"	900·6	908·9	...	87·1	70·2	60·5	18·3	42	...	2·3	...	8·3	0	3	28	4	0	0	0	1	1	13	12	0
	1730	"	897·5	905·8	...	88·9	68·3	55·2	15·3	35	...	4·3	...	6·8	0	2	28	5	2	1	0	1	2	8	11	1
ngalore (Aerodrome). .	0530	2,942	899·2	910·3	...	72·1	68·0	65·6	21·8	81	...	4·6	...	...	...	...	...	1	1	0	0	0	1	20	7	1
	0830	"	901·0	912·0	...	77·2	69·6	65·5	21·7	68	...	3·8	...	...	...	...	...	0	0	0	0	0	0	19	12	0
	1130	"	900·7	911·5	...	87·3	70·4	61·4	18·4	44	...	2·5	...	...	...	...	...	4	1	0	0	0	1	9	16	0
	1730	"	897·6	908·3	...	89·2	68·8	56·3	15·8	36	...	4·5	...	...	...	...	...	13	1	0	0	2	1	5	9	0
	2330	"	900·2	911·2	...	78·3	68·6	62·4	19·6	60	...	3·8	...	..	...	...	...	2	0	0	1	4	6	14	4	0
sore	0830	2,518	900·9	926·0	+0·8	75·9	71·3	68·9	24·2	79	+4	4·2	−0·4	6·5	0	0	30	0	0	1	0	1	4	17	7	1
	1730	"	897·9	922·2	...	90·7	75·9	67·7	24·5	53	...	5·1	...	8·9	0	4	27	0	2	1	0	1	7	18	2	0
lehonnur . . .	0830	...	...	...	...	71·5	68·7	67·5	22·8	87	+1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
ancore-Cochin																										
rt Cochin . . .	0830	10	1010·4	1010·1	+0·7	84·6	79·2	76·8	31·7	77	−3	6·5	+1·5	5·0	0	0	29	4	10	9	0	0	0	3	3	2
	1730	"	1007·4	1007·1	...	85·8	80·3	77·5	32·9	77	...	5·9	...	12·0	0	11	20	1	0	0	0	0	0	14	16	0
chin (Willingdon Island Aerodrome).	0230	6	1008·4	1008·2	...	81·2	77·8	76·5	31·0	86	...	5·1	...	4·5	0	2	19	5	7	1	0	0	1	0	7	10
	0530	"	1008·6	1008·4	...	79·8	77·4	76·3	30·9	89	...	6·3	...	2·4	0	0	17	5	6	2	1	0	0	0	3	14
	0830	"	1010·4	1010·2	...	83·9	78·6	76·3	31·0	78	...	5·5	...	3·8	0	0	22	7	8	3	1	0	1	1	1	9
	1130	"	1010·1	1009·9	...	88·2	79·5	76·1	30·5	68	...	4·0	...	7·5	0	0	31	1	0	0	0	1	0	7	22	0
	1730	"	1007·4	1007·2	...	86·1	78·9	76·2	30·5	72	...	4·9	...	8·8	0	0	31	0	0	0	0	0	1	9	21	0
	2330	"	1010·0	1009·8	...	83·0	78·5	76·5	31·3	81	...	3·5	...	3·9	0	0	24	6	0	2	1	0	0	4	11	7
eppey	0830	12	1010·0	1009·6	...	84·9	79·9	77·7	32·6	79	...	6·2	...	9·3	0	4	27	4	6	4	1	0	1	4	11	0
	1730	"	1007·5	1007·1	...	87·4	81·0	78·5	33·2	75	...	5·2	...	11·7	0	26	5	0	0	0	0	0	0	8	23	0
ivandrum . . .	0230	211	1003·6 (a)	1001·3 (a)	...	80·7	77·5	76·0	30·8	86	...	3·3	...	4·1	0	0	31	7	1	0	0	0	0	0	23	0
	0530	"	1008·7	1001·2	...	79·6	77·1	76·0	30·7	89	...	3·8	...	3·0	0	0	29	9	1	0	0	0	0	1	18	2
	0830	"	1010·2	1003·0	+0·8	83·4	78·1	76·0	30·9	79	−2	4·6	−0·8	3·8	0	0	31	3	2	0	0	0	0	0	26	0
	1130	"	1009·7	1002·5	...	88·7	78·8	74·3	29·2	63	...	4·3	...	8·1	0	1	30	1	0	0	0	0	5	3	22	0
	1730	"	1007·3	1000·1	...	86·2	78·3	74·8	29·3	69	...	4·5	...	9·8	0	2	29	0	1	0	0	0	0	5	25	0
	2330	"	1010·1	1002·8	...	82·1	77·6	75·9	30·5	82	...	3·6	...	4·8	0	0	30	1	1	0	0	0	0	1	27	1
Stations excluding shmir—																										
hima	0830	4,614	...	...	...	70·9	64·4	61·5	18·1	72	...	7·0	...	4·0	0	0	31	8	2	4	5	3	3	2	4	0
	1730	"	...	...	...	70·5	61·6	57·3	15·0	69	...	3·9	...	2·6	0	0	26	3	1	2	6	3	2	7	2	5
al	0830	3,599	896·4	886·7	...	71·1	67·3	65·2	21·1	82	...	5·5	...	3·5	0	0	27	0	0	10	3	3	11	0	0	4
	1730	"	893·4	883·7	...	71·6	67·7	65·6	21·5	82	...	5·3	...	4·1	0	0	26	1	0	0	2	8	18	6	1	5
illong	0830	4,921	896·3	847·5	−0·4	70·2	63·5	59·3	17·5	69	+1	5·2	+0·2	3·8	0	1	19	0	1	2	0	3	13	1	0	11
	1730	"	894·5	844·8	...	69·3	63·9	60·7	18·0	74	..	5·3	...	3·9	0	0	17	0	0	0	1	1	15	0	0	14
erapunji . . .	0830	4,309	898·0	866·3	−0·6	66·9	64·3	62·9	19·6	88	+9	6·7	+0·9	7·7	0	6	25	0	10	1	3	2	12	2	1	0
	1730	"	895·2	863·5	...	67·6	65·6	64·4	20·7	90	...	6·7	...	6·3	0	4	26	3	2	0	4	4	12	3	2	1
rjiling . . .	0830	7,432	798·8	774·8	−0·4	61·3	58·9	57·8	16·1	89	+3	6·3	+0·7	4·9	0	0	29	0	2	14	3	0	0	9	1	2
	1730	"	796·5	772·4	...	58·7	57·4	56·7	15·4	93	...	5·8	...	7·8	0	4	27	0	1	1	2	0	2	28	2	0
rjiling (Raj Bhawan) .	0830	6,980	802·1	790·6	...	62·9	59·0	56·4	15·5	81	...	5·9	...	0·9	0	0	13	2	1	1	2	0	3	2	2	18
	1730	"	799·3	787·7	...	62·2	58·6	56·4	15·6	82	...	6·0	...	2·1	0	0	26	0	1	0	0	0	18	7	0	5
limpong . . .	0830		895·1	874·0	−2·9	67·8	65·0	63·2	19·7	85	+6	2·5	−1·7	0·6	0	0	7	0	0	0	0	0	0	0	7	24
	1730	"	892·1	870·5	...	70·8	67·1	64·5	21·4	83	...	2·8	...	1·5	0	0	16	0	0	0	15	0	0	0	1	15

(a) Mean of 30 days.

TABLE III—SUMMARY OF OBSERVATIONS AT FIXED HOURS—MAY 1953.

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. 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.	Mean wind speed, miles per hour.	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
Hill Stations excluding Kashmir—*contd.*																										
Katmandu	0830	4,388	897·8	864·2	...	75·7	64·5	57·3	16·4	55	−12	2·2	−2·3	1·4	0	0	19	3	3	6	3	2	0	1	1	12
	1730	"	894·8	861·5	...	78·4	65·3	56·7	16·1	50	...	3·6	...	2·1	0	0	21	5	0	0	1	1	3	5	6	10
Mukteswar (Kumaon)	0830	7,592	800·4	771·9	+0·2	63·4	51·3	40·3	7·6	45	0	0·5	−1·5	6·6	0	4	23	0	0	0	0	0	4	14	9	4
	1730	"	798·4	770·3	...	70·8	54·8	40·7	7·6	37	...	2·6	...	14·2	0	19	11	0	0	1	0	0	4	15	10	1
Nainital	0830	6,409	798·3	802·6	...	69·6	56·8	45·1	11·1	41	...	0·5	...	5·0	0	0	31	3	2	18	2	0	1	3	2	0
	1730	"	797·2	801·8	...	72·9 (n)	56·7 (n)	42·9	9·9	37	...	1·2	...	4·9	0	0	31	7	2	8	1	0	0	8	5	0
Lokpal	0830	...	...	...	...	29·0	25·0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mussooree	0830	6,699	798·9	795·3	−1·7	68·3	56·0	46·6	10·9	48	+3	0·8	−1·4	1·5	0	0	13	0	1	0	3	5	3	0	1	18
	1730	"	797·7	794·1	...	72·1	56·4	43·8	9·9	38	...	0·3	...	3·2	0	0	30	1	9	5	6	2	5	2	0	1
Simla	0830	7,224	799·0	780·8	+0·2	68·8	52·6	37·8	7·7	33	−2	0·9	−1·2	1·1	0	0	17	5	3	2	2	3	1		1	14
	1730	"	797·9	779·9	...	71·4	53·6	37·5	7·7	30	...	2·8	...	2·0	0	0	31	2	1	1	1	10	9	3	4	0
Dalhousie	0830	6,426	793·3	797·3	...	68·3	62·0	57·2	16·0	72	...	1·1	...	4·2	0	1	15	1	9	0	3	1	2	0	0	15
	1730	"	793·8	797·6	...	72·8	65·6	60·0	18·4	70	...	2·4	...	4·4	0	4	12	1	12	0	0	0	3	0	0	15
Dharamshala	0830	3,975	900·5	879·4	...	80·4	61·6	48·7	10·6	34	...	1·1	...	1·6	0	0	18	7	0	2	3	1	2	0	3	13
	1730	"	898·7	877·8	...	87·7	64·8	49·2	11·7	30	...	2·0	...	6·6	0	1	29	0	2	0	0	0	16	9	3	1
Pachmarhi	0830	3,528	899·6	892·2	+0·6	83·6	63·7	49·0	12·1	32	−3	0·8	−1·2	3·5	0	0	30	4	2	0	0	0	0	10	14	1
	1730	"	896·2	889·1	...	94·9	65·4	41·5	8·9	18	...	2·6	...	3·8	0	0	30	5	0	0	1	1	2	10	11	1
Abu	0830	3,921	899·3	879·8	+0·6	76·5	59·5	42·7	10·5	36	0	0·5	−0·3	4·6	0	0	27	1	0	0	0	5	8	10	3	4
	1730	"	897·3	878·1	...	84·9	64·1	48·9	12·0	30	...	0·8	...	3·2	0	0	29	7	1	0	0	3	6	6	6	2
Mahabaleshwar	0830	4,534	901·3	863·0	+1·0	72·2	60·2	49·6	13·1	51	−2	2·6	−0·3	9·0	0	5	26	14	5	0	0	0	1	1	10	0
	1730	"	899·3	861·4	...	76·9	68·7	64·1	20·6	65	...	2·1	...	4·8	0	0	31	1	1	0	0	0	2	3	24	0
Nandi Hills*	0830	——																								
Mercara	0830	3,781	901·7	886·3	+1·3	69·2	66·8	65·3	21·5	88	+4	4·5	−0·6	4·8	0	0	28	0	0	0	0	0	1	14	13	3
	1730	"	898·2	884·0	...	77·8	70·5	66·2	22·5	69	...	4·4	...	4·5	0	0	31	0	0	0	0	0	1	15	15	0
Kodaikanal	0830	7,688	803·6	772·7	+1·8	63·9	56·3	50·7	12·9	63	0	3·5	−0·1	4·0	0	0	28	4	8	1	3	1	0	0	11	3
	1130	"	803·5	772·8	...	68·9	58·6	51·5	13·1	55	...	4·1	...	5·2	0	0	28	5	5	6	4	0	0	0	8	3
	1730	"	801·8	770·9	...	63·5	59·2	56·3	15·4	79	...	6·1	...	4·4	0	0	29	6	5	2	7	0	0	0	9	2
Ootacamund	0830	7,378	803·2	780·7	+1·3	63·9	56·1	51·0	12·6	63	−1	3·0	−0·9	2·3	0	0	22	6	12	3	0	0	0	0	1	9
	1730	"	801·4	779·0	...	66·7	59·1	54·8	14·4	66	...	3·9	...	2·5	0	0	21	7	10	3	0	0	0	1	0	10
Coonoor	0830	...	...	...	...	72·1	61·8	55·5	15·2	57	0	1·8	−2·4	3·3	0	1	26	7	1	0	2	4	1	3	9	4
Sikkim																										
Lachen (R)	0830																									
Tibet																										
Yatung (Chumbi)	0830	...	...	...	...	58·7	56·8	55·8	15·1	92	+9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lhasa	0830	12,090	627·5	652·8	...	57·5	55·9	54·8	9·1	92	...	3·0	...	0·2	0	0	5	0	5	0	0	0	0	0	0	26
Gyantse	0830	13,110	624·2	624·9	...	54·0	41·3	26·8	5·0	36	−12	2·0	−0·6	0·1	0	0	1	0	0	0	0	0	0	0	1	30
Ceylon																										
Colombo	0830	24	1010·6	1009·8	+0 7	84·1	78·8	76·4	31·3	78	−7	5·9	0	7·2	0	0	31	0	0	0	1	1	23	6	0	0
	1730	"	1008·0	1007·2	...	85·4	79·1	76·0	31·2	74	...	5·6	...	8·6	0	5	26	0	0	0	0	0	26	5	0	0
Trincomalee**	0830	24	1008·7	1007·8	+1·0	85·1	77·6	73·9	28·9	70	−9	3·9	+0·5	11·4	0	19	11	0	0	0	0	3	27	0	0	0
	1730	"	1005·6	1004·8	...	90·1	80·3	75·2	30·9	64	...	4·2	...	9·3	0	10	21	0	0	4	9	1	13	4	0	0
Batticoloa	0830	20	1008·8	1008·5	...	84·6	78·9	76·1	31·4	76	...	1·5	...	4·1	0	0	26	0	0	1	1	7	6	8	3	5
	1730	"	1005·6	1005·4	...	87·2	82·0	79·9	35·1	79	...	2·5	...	10·5	0	6	25	0	1	6	23	1	0	0	0	0
Hambantota	0830	50	1009·9	1008·2	+1·2	83·6	78·6	76·4	31·2	79	−7	2·4	−1·5	14·1	0	26	5	0	0	0	0	0	28	3	0	0
	1730	"	1006·8	1005·1	...	83·7	79·0	76·9	31·7	80	...	2·9	...	21·9	0	27	4	0	0	0	0	0	30	1	0	0
Mannar	0830	12	1008·9	1008·5	...	86·1	81·2	79·3	34·2	80	...	3·7	...	11·7	0	17	14	0	0	0	0	7	24	0	0	0
	1730	"	1006·3	1005·8	...	86·1	81·2	79·3	34·2	81	...	4·4	...	11·7	0	13	18	0	0	0	0	10	21	0	0	0
HYDROMETEOROLOGICAL OBSERVATORIES																										
Damodar Catchment																										
Bokaro	0530	784	1002·1	975·4	...	79·5	69·8	63·3	20·5	61	...	4·0	...	2·6	0	0	20	0	0	0	7	1	2	1	9	11
	0830	"	1003·3	977·1	...	89·7	73·1	62·9	20·3	45	...	3·7	...	4·6	0	0	27	0	0	0	9	2	9	7	0	4
	1130	"	1002·0	976·4	...	100·5	72·9	52·7	15·1	26	...	3·8	...	7·4	0	0	31	1	0	0	9	1	7	6	7	0
	1730	"	998·2	972·6	...	99·7	71·5	49·0	13·6	24	...	3·6	...	6·7	0	0	31	3	1	2	8	1	2	1	13	0
	2330	"	1001·8	975·5	...	86·0	70·9	61·0	19·0	47	...	1·5	...	2·3	0	0	17	4	1	0	6	0	1	2	3	14
Hazaribagh	0530	2,019	892·9	934·9	...	78·8	66·0	57·1	16·6	52	...	2·9	...	1·9	0	0	19	0	6	2	2	5	4	5	1	12
	0830	"	895·3	936·3	...	90·2	68·7	53·8	15·3	34	...	1·2	...	6·7	0	0	30	3	0	3	2	1	7	7	7	1
	1130	"	895·4	936·1	...	97·2	69·0	48·7	12·8	23	...	1·9	...	8·3	0	3	28	3	1	3	1	2	1	11	9	0
	1730	"	892·4	932·8	...	96·1	68·4	48·1	12·5	23	...	1·3	...	7·3	0	3	27	3	1	3	1	1	1	8	12	1
	2330	"	893·4	935·0	...	83·5	66·7	55·0	15·5	43	...	0·7	...	2·9	0	0	22	2	0	3	3	3	2	6	3	9

* Data not reliable. **Observations for 30 days. (R) Register not received. (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, miles per hour.	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
YDROMETEOROLOGICAL BSERVATORIES—*contd.*																										
modar Catchment—*contd.*																										
Barhi	0830	...	...	...	...	93·9	70·2	51·8	14·5	30	...	...	...	...	...	...	...	0	0	4	5	0	4	8	9	1
	1730	...	...	...	...	99·1	69·9	45·6	11·8	20	...	...	...	...	...	...	...	1	2	3	1	0	0	3	19	2
Ramgarh	0830	...	...	...	...	92·2	72·4	59·4	18·2	38	...	...	...	3·5	0	0	29	1	3	4	8	2	2	3	6	2
	1730	...	...	...	...	99·4	72·0	51·8	13·0	26	...	...	...	3·2	0	0	25	3	3	3	2	0	2	2	10	6
Dhanbad	0530	839	1001·9	973·5	...	81·1	72·4	66·5	23·2	66	...	2·1	...	3·0	0	0	28	5	4	7	1	2	3	3	3	3
	0830	"	1003·0	975·1	...	91·6	74·0	62·5	20·7	44	...	1·7	...	4·1	0	1	28	1	2	3	3	5	3	10	2	2
	1130		1001·8	974·4	...	100·4	74·5	57.4	17·4	29	...	1·9	...	5·2	0	0	31	1	5	4	2	2	5	8	4	0
	1730	"	998·2	970·8	...	99·6	73·2	54·4	15·9	28	...	2·5	...	7·0	0	3	28	2	3	5	1	3	4	6	7	0
	2330	"	1001·5	973·4	...	87·3	73·1	64·2	21·4	51	...	1·0	...	4·1	0	0	30	1	3	5	2	7	5	5	2	1
Subarnarekha Catchment																										
Baramul	0830	210	1004·1	997·0	...	92·1	79·3	73·3	28·3	55	...	...	...	0·7	0	0	10	2	0	2	1	1	3	1	0	21
	1730	"	999·8	992·9	...	98·3	79·4	67·7	25·7	42	...	...	...	1·0	0	0	15	0	1	0	1	1	4	5	3	16
Hirakud	0830	522	1007·1	989·7	...	95·6	76·7	67·0	22·7	41	...	...	...	1·0	0	0	16	2	1	2	3	1	3	1	3	15
	1730	"	1001·2	984·3	...	107·4	76·2	58·4	16·6	21	...	...	...	0·5	0	0	7	0	0	0	2	1	1	1	2	24
Sarkachhar	0830	...	...	...	...	94·3	75·0	64·2	20·9	38	...	1·0	...	7·4	0	3	27	1	2	1	2	1	13	8	2	1
	1730	...	...	...	...	106·1	76·2	59·0	18·2	23	...	2·7	...	6·5	0	1	30	4	5	0	0	1	4	12	5	0
Sonepur	0830	...	...	...	...	95·7	79·0	71·7	26·3	47	...	...	...	3·7	0	0	26	0	2	6	5	1	1	9	2	5
Sinabahar	0830	...	...	...	...	92·5	72·0	62·0	17·5	37	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...
Tapi Catchment																										
Topoban	0830	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Badrinath *	0830	...	...	...	...	40·4	39·6	38·4	8·0	98	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Narbada Catchment																										
Punasa	0830	...	...	...	...	87·8	74·1	66·7	22·5	51	...	0·1	...	8·5	0	2	27	0	0	0	0	0	16	12	1	2
	1730	...	...	...	...	106·3	76·0	58·2	16·9	21	...	0·4	...	11·7	0	11	20	0	0	0	0	0	19	10	2	0
Nagra Tawa	0830	...	...	...	...	93·6	70·8	55·5	15·4	29	...	0·9	...	4·7	0	0	31	0	1	0	0	1	18	7	4	0
	1730	...	...	...	...	105·2	71·5	46·8	11·2	15	...	2·3	...	4·4	0	0	31	2	0	0	0	1	15	7	6	0
Chikri	0830	...	...	...	...	88·6	77·4	71·9	26·9	61	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Purti Catchment																										
Nandurbar	0830	...	...	...	...	82·7	75·4	71·8	26·4	70	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sabarmati Catchment																										
Chadol	0830	...	...	...	...	83·4	71·9	65·4	21·5	55	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kharoi † . . .	0830	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

* Observations for 21 days.

† Data not reliable.

RADIOSONDE DATA

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

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

MAY 1953

Standard pressure surface mbs.	ALLAHABAD (Sur. Pr. 989 mb.)						CALCUTTA (1002 mb.)						JODHPUR (978 mb.)					
	No. of Obs.	Ht. gpm.	Temperature °A				No. of Obs.	Ht. gpm.	Temperature °A				No. of Obs.	Ht. gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point			Mean	Max.	Min.	Dew Point			Mean	Max.	Min.	Dew Point
Surface	31	098	309·1	313	303	286·3	30	005	302·5	304	298	298·4	31	218	308·8	312	306	287·2
1000	31	000	...	...	...	...	30	026	...	...	...	...	31	021	...	...	...	...
900	31	958	305·7	310	301	281·2	30	967	300·5	304	295	289·3	31	972	303·1	307	299	284·8
850	31	1467	301·2	305	298	278·5	30	1470	299·1	305	292	283·9	31	1478	298·3	303	294	282·9
800	31	2002	296·3	301	293	277·0	30	2001	295·3	302	289	281·8	31	2007	293·3	297	288	281·3
700	31	3143	285·1	289	279	273·3	30	3141	285·7	291	282	274·5	30	3143	284·3	289	280	273·0
600	31	4410	275·0	281	271	264·7	30	4411	276·3	280	269	267·3	30	4405	273·5	278	269	262·3
500	31	5854	265·7	270	260	...	29	5866	268·2	272	261	...	30	5843	264·1	270	258	...
400	30	7558	255·3	263	249	...	28	7582	259·5	265	249	...	30	7532	252·4	258	245	...
300	29	9662	243·5	249	239	...	25	9719	246·8	261	235	...	26	9600	238·4	244	231	...
250	29	10939	234·8	240	229	...	23	10967	237·7	243	232	...	23	10853	231·6	237	223	...
200	28	12441	225·0	230	210	...	18	12536	226·7	232	215	...	22	12338	223·2	233	213	...
175	21	13266	219·4	226	206	...	14	13402	220·7	230	209	...	7	13193	219·0	226	215	...
150	17	14277	212·9	221	207	...	6	14391	213·8	223	207	...	5	14157	213·2	217	211	...
125																		
100																		
80																		

	MADRAS (1003 mb.)						NAGPUR (968 mb.)						NEW DELHI (977 mb.)					
Surface	30	015	304·1	305	303	298·9	12	307	309·6	312	307	281·3	30	206	307·8	312	303	285·9
1000	30	045	...	..	...	...	12	014	...	...	...	...	30	004	...	...	...	...
900	30	989	302·2	306	297	288·1	12	968	306·0	310	302	280·3	30	959	305·6	310	301	282·4
850	30	1492	298·7	303	295	285·0	12	1477	301·1	307	296	278·3	30	1469	301·1	306	297	280·4
800	30	2022	294·5	297	291	282·8	12	2010	295·9	303	291	277·2	30	2504	296·1	302	292	279·2
700	29	3166	285·4	290	281	275·7	12	3150	285·7	291	281	272·7	30	3145	285·0	290	282	275·5
600	28	4436	275·1	282	269	268·5	12	4418	274·2	278	271	270·4	30	4412	273·2	280	269	267·1
500	27	5887	267·6	271	265	...	10	5859	265·4	269	264	...	30	5855	264·8	272	258	...
	23	7608	257·5	261	253	...	6	7580	257·2	259	254	...	30	7532	253·4	261	237	...
	16	9706	243·4	249	237	...							29	9640	241·4	251	232	...
	8	10980	234·5	237	230	...							27	10984	233·5	241	222	...
	6	12497	223·7	225	221	...							22	12401	226·1	236	216	...
													19	13281	221·9	231	214	...
													16	14248	215·4	226	209	...
													6	15307	210·0	221	203	...

RADIOSONDE DATA
MEAN DYNAMIC HEIGHT, TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACES
(From Ascents at 15 hrs. G. M. T.)
MAY 1953

ndard ssure rface ıbs.	POONA (Sur. Pr. 946 mb.)						PORT BLAIR (1000 mb.)						SHILLONG (839 mb.)					
	No. Obs.	Ht. gpm.	Temperature °A				No. of Obs.	Ht. gpm.	Temperature °A				No. of Obs.	Ht. gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point			Mean	Max.	Min.	Dew Point			Mean	Max.	Min.	Dew Point
rface	31	557	301·6	305	299	292·1	29	081	300·1	301	299	297·3	31	1599	291·1	293	289	290·2
1000	31	068	...	...	...	...	29	079	...	...	...	...	...	...	...	...	...	...
900	31	1001	298·4	303	294	287·6	29	1006	295·2	297	293	290·6	...	...	...	...	...	...
850	31	1499	296·8	302	291	279·7	29	1501	292·5	295	290	287·2	27	1477	...	...	...	...
800	31	2028	294·1	298	289	274·1	29	2022	289·5	291	286	283·2	27	1987	290·4	293	287	287·6
700	31	3166	286·2	289	281	272·0	28	3149	284·0	287	279	275·4	27	3115	283·3	285	280	279·8
600	31	4439	276·1	279	271	262·3	27	4418	276·5	281	271	267·5	23	4387	274·7	277	271	272·8
500	31	5893	268·1	271	263	...	25	5872	268·7	274	261	...	22	5836	267·3	273	261	...
400	31	7613	257·8	265	250	...	23	7595	259·1	265	251	...	22	7550	257·7	263	253	...
300	29	9727	243·8	249	233	...	18	9705	244·3	251	235	...	17	9674	245·2	250	234	...
250	27	11001	234·0	239	226	...	16	10979	234·9	243	229	...	16	10962	236·7	241	223	...
200	25	12495	223·7	227	210	...	13	12504	224·9	234	219	...	16	12486	227·7	235	207	...
175	23	13370	217·0	223	202	...	7	13351	218·1	225	212	...	8	13326	219·9	233	198	...
150	21	14346	210·1	217	204	...	6	14324	210·3	221	203	...	6	14333	206·2	225	209	...
125	12	15433	203·7	209	200	...							5	15322	213·0	224	205	...
100	8	16761	197·9	201	195	...							5	16864	209·8	220	203	...
80																		

	TRIVANDRUM (1002 mb.)						VERAVAL (1007 mb.)						VISAKHAPATNAM (998 mb.)					
rface	30	063	301·6	303	298	297·2	30	008	300·7	301	300	298·4	29	048	303·1	306	300	298·8
1000	18	079	...	...	...	...	30	067	...	...	...	...	27	029	...	...	...	...
900	18	1009	294·9	297	293	291·3	30	997	298·4	303	291	281·3	27	972	300·8	307	294	291·0
850	17	1504	291·9	294	289	288·7	30	1495	296·4	300	286	277·3	27	1476	298·8	303	291	286·6
800	16	2028	290·1	294	288	285·3	30	2023	292·6	296	287	275·4	27	2007	294·3	298	285	283·3
700	14	3157	284·3	287	282	277·5	30	3158	284·9	289	281	269·3	26	3150	286·2	289	280	276·6
600	14	4428	276·3	279	275	269·2	30	4432	276·9	285	273	261·7	22	4418	275·5	282	270	267·5
500	13	5881	267·8	271	266	...	30	5889	267·6	277	263	...	14	5873	265·6	275	251	...
400	12	7599	258·5	261	255	...	30	7601	255·5	259	251	...	5	7571	255·6	260	248	...
300	9	9716	244·9	249	242	...	28	9699	241·9	246	236	...						
250	7	11003	235·3	239	233	...	27	10971	233·0	239	221	...						
200	6	12506	224·0	228	221	...	19	12476	223·6	228	216	...						
175							16	13362	218·2	224	209	...						
150							13	14311	212·1	222	202	...						
125																		
100																		
80																		

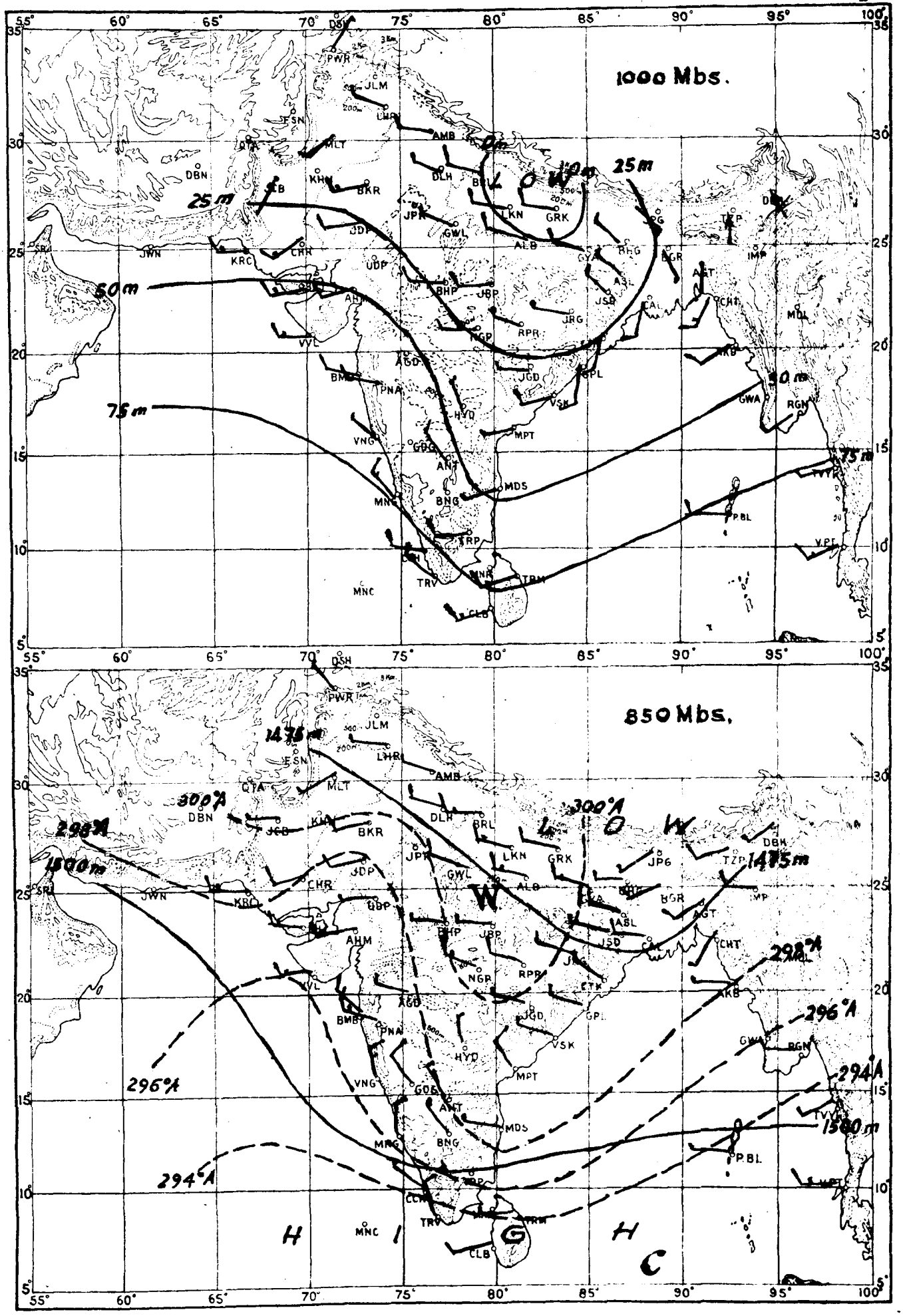
NOTE:—Number of observations refer to those of dynamic height.
Means are not worked out for temperature and dew point for the 1000 mb. surface and for dew point for standard pressure surfaces with temperatures less than 273 °A.
Means are not worked out for less than five observations at standard pressure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

N.—S1—2DDG. Obs. Poona—4-10-54—260.

MONTHLY MEAN CONSTANT PRESSURE CHARTS.

MAY 1953

Plate I



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

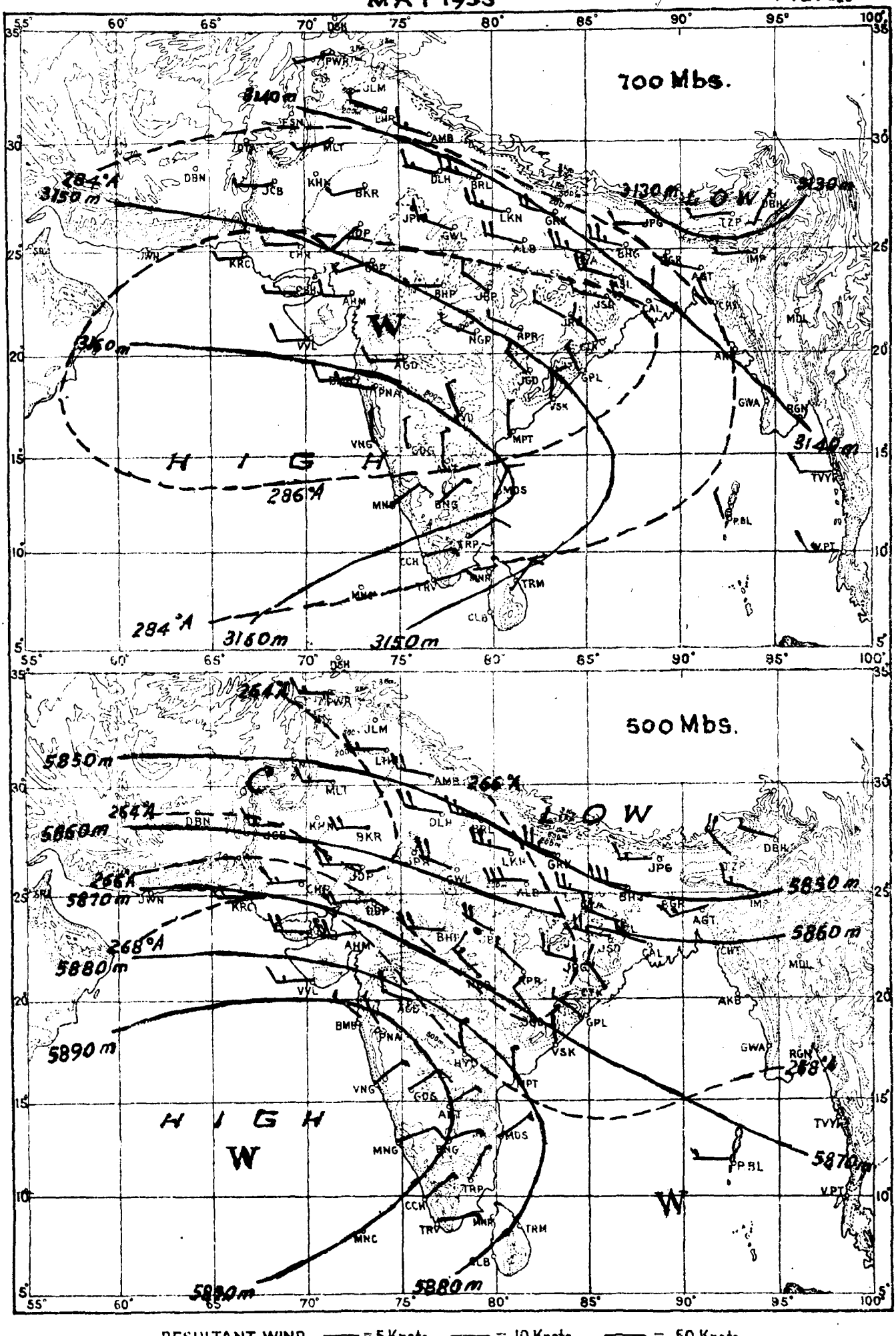
------ Isotherms in degrees absolute. ——— Contours in geopotential metres.

G.PZ.P. POONA, 53.

MONTHLY MEAN CONSTANT PRESSURE CHARTS.

MAY 1953

Plate II



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

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

G.PZ.P.POONA,58.

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INDIA WEATHER REVIEW, 1953

Monthly Weather Report

June

Published by authority of the Government of India

Chief features.—(1) Advance of the Southwest monsoon in the southeast Arabian Sea and Travancore-Cochin about 7 days after the normal date, (2) one depression and a cyclonic storm in the Bay of Bengal.

The Arabian Sea branch of the monsoon advanced into the southeast Arabian Sea and Travancore-Cochin on the 7th, about a week later than the usual date. Its further advance into Malabar-south Kanara and the south Konkan took place by the 10th and 11th respectively. The Bay of Bengal branch of the monsoon also advanced into the head Bay by the second week of the month.

A depression formed in the west central Bay of Bengal on the 15th morning. Moving northwestwards initially and then in a northeasterly direction, it lay as a deep depression, centred about 50 miles east of Puri on the 18th morning. Recurving slowly and intensifying at the same time, it became a cyclonic storm of small core by the 19th morning, when it was centred close to the coast near Puri. The storm crossed coast on the 19th afternoon and then weakened into a deep depression, with its centre about 40 miles north-northwest of Gopalpur at 1730 hrs. I.S.T. of the same day. The deep depression then moved westwards, and after weakening further, lay as a depression near Nagpur on the 21st morning. The depression became unimportant by the next day. Under its influence the monsoon advanced into the remaining parts of the Peninsula, northeast India and east Uttar Pradesh between the 14th and 16th. Vigorous monsoon conditions prevailed in the Konkan between the 18th and 21st; Dahanu (north Konkan) had 24″ of rain during 48 hours ending at 0830 hrs. I.S.T. on the 19th, while Santacruz (Bombay) recorded 19″ of rain during the same period. Heavy rainfall during the period caused floods in many parts of north Konkan, which dislocated rail communications between Gujarat and Bombay. Fairly widespread rain also occurred in north coastal Andhradesa between the 18th and 21st, and in Madhya Pradesh between the 20th and 22nd, with locally heavy to very heavy falls in Berar on the 21st.

The monsoon advanced into Rajasthan, west Uttar Pradesh, and the Punjab (I) by the 24th, causing locally heavy falls of rain in Uttar Pradesh. Thereafter, for a time, the monsoon weakened generally over the country, outside northeast India and Konkan. Heavy to very heavy rainfall occurred locally in sub-Himalayan west Bengal, and at a few stations in Assam and north Bihar on the 26th, Cherrapunji recording about 30″ of rain during the 48 hours ending at 0830 hrs. I.S.T. of that date. According to newspaper reports, the river Kosi rose in spate and inundated about 20 villages in the Darbhanga district of Bihar.

A second depression formed in the northwest Bay of Bengal on the 29th afternoon, with its centre near Sandheads. Moving northwestwards, it crossed the coast on the 30th evening and rapidly weakened into a trough which lay over Chota Nagpur and adjoining areas on the next day. Widespread and locally heavy to very heavy rain occurred in Chota Nagpur on the 29th and 30th in association with this depression. The monsoon was also vigorous in the south Konkan on the 30th when Ratnagiri recorded 12″ of rain.

Total rainfall of the month was in large excess in the Punjab (I), north Hyderabad and Tamilnad; in moderate excess in Chota Nagpur, the Konkan, Deccan (Desh) and coastal Andhradesa and in slight excess in Bihar, Gujarat and south Hyderabad. It was normal in Assam and east Uttar Pradesh; in slight defect in the Bay Islands, West Bengal, Orissa, west Uttar Pradesh and Mysore; in moderate defect in east Rajasthan, Madhya Bharat, east Madhya Pradesh, Saurashtra and Kutch, Rayalaseema, Malabar-south Kanara and Travancore-Cochin and in large defect in west Rajasthan, Vindhya Pradesh and west Madhya Pradesh. Averaged over the plains of India, rainfall was 7% in defect.

The mean maximum temperature was above normal in Chota Nagpur, west Uttar Pradesh, Vindhya Pradesh, Madhya Pradesh, Deccan (Desh), Hyderabad, Malabar-south Kanara, Mysore and Travancore-Cochin and was normal elsewhere over the country.

The mean minimum temperature was above normal in west Uttar Pradesh, west Rajasthan, Vindhya Pradesh, Madhya Pradesh, Hyderabad, Malabar-south Kanara and Travancore-Cochin and was normal in the remaining divisions.

The mean relative humidity in the morning was above normal in Saurashtra and Kutch and below normal in Vindhya Pradesh and west Madhya Pradesh. Elsewhere it was normal.

The mean cloud amount in the morning was above normal in Tamilnad and below normal in Vindhya Pradesh. Over the rest of the country it was normal.

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 the 24 hours ending at 0830 hrs. I.S.T. of the date given in the succeeding column.

POONA 5:
Dated the 6th March 1954.

A. K. ROY,
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
ivision								
Assam (including Manipur & Tripura).	15·17	91	88·9	75·9	84	78	6·1	5·3
	−1·43	..	+0·6	+0·1	0	..	−0·2	..
West Bengal .	12·49	89	93·0	77·8	81	77	5·6	5·8
	−1·47	..	+0·4	−0·8	+2	..	0	..
Orissa. . .	7·22	85	94·6	80·7	79	71	6·1	5·9
	−1·27	..	+1·0	+0·9	+3	..	+0·7	..
Bihar . . .	9·35	128	96·2	79·3	71	63	5·5	5·3
	+2·07	..	+1·0	+0·6	+1	..	+0·7	..
Uttar Pradesh .	4·14	85	102·6	83·1	59	42	3·2	3·1
	−0·72	..	+1·8	+1·9	−1	..	0	..
Punjab (I) (including PEPSU & Delhi).	4·39	226	105·5	81·1	52	37	2·0	1·1
	+2·45	..	+0·9	+1·3	+4	..	+0·1	..
Rajasthan . .	1·25	56	104·0	83·3	53	30	2·1	1·7
	−0·99	..	+0·8	+1·5	−3	..	−0·1	..
b-division								
Bay Islands . .	18·94	87	84·8	75·5	87	89	7·5	7·2
	−2·81	..	+0·5	+0·5	+5	..	+0·8	..
Assam (including Manipur & Tripura).	15·17	91	88·9	75·9	84	78	6·1	5·3
	−1·43	..	+0·6	+0·1	0	..	−0·2	..
West Bengal .	12·49	89	93·0	77·8	81	77	5·6	5·8
	−1·47	..	+0·4	−0·8	+2	..	0	..
Orissa. . .	7·22	85	94·6	80·7	79	71	6·1	5·9
	−1·27	..	+1·0	+0·9	+3	..	+0·7	..
Chota Nagpur .	11·40	149	98·3	79·3	66	59	5·7	6·3
	+3·75	..	+2·5	+1·0	−1	..	+0·7	..
Bihar . . .	8·22	116	94·5	79·4	75	66	5·3	4·6
	+1·13	..	−0·1	+0·4	+2	..	+0·6	..
Uttar Pradesh, East	4·79	93	101·6	82·5	66	47	3·6	3·3
	−0·34	..	+1·2	+1·1	+3	..	+0·2	..
Uttar Pradesh, West	3·41	75	103·7	83·6	51	36	2·6	2·9
	−1·13	..	+2·4	+2·7	−5	..	−0·3	..
Punjab (I) (including PEPSU and Delhi).	4·39	226	105·5	81·1	52	37	2·0	1·1
	+2·45	..	+0·9	+1·3	+4	..	+0·1	..
Jammu and Kashmir.	(Data incomplete)							
Rajasthan, West .	0·42	27	106·7	84·3	53	29	1·8	1·2
	−1·11	..	+1·7	+2·2	−4	..	−0·1	..
Rajasthan, East (including Ajmer).	2·09	71	101·8	82·5	53	31	2·4	2·3
	−0·87	..	+0·2	+0·9	−3	..	−0·1	..
Madhya Bharat .	3·33	67	101·4	81·0	58	41	3·6	4·3
	−1·61	..	+1·6	+1·8	−3	..	+0·2	..
Vindhya Pradesh .	0·59	10	105·3	84·5	45	34	3·4	3·6
	−5·45	..	+4·9	+3·2	−10	..	−1·0	..

—	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 & Vindhya Pradesh.	2·30	43	102·9	82·3	53	38	3·5	4·0
	−3·05	..	+2·8	+2·3	−6	..	−0·2	..
9. Madhya Pradesh .	4·14	54	101·7	81·5	54	40	5·0	5·3
	−3·50	..	+4·5	+3·6	−7	..	+0·4	..
10. Bombay (including Saurashtra & Kutch). . .	11·42	122	94·0	77·1	78	61	5·2	4·9
	+2·05	..	+1·4	+0·4	+2	..	0	..
11. Hyderabad . .	7·39	148	98·3	77·5	64	43	5·1	5·3
	+2·41	..	+3·1	+2·4	−4	..	+0·3	..
12. Madras (including Travancore-Cochin).	5·05	76	95·0	79·9	70	61	5·8	6·0
	−1·61	..	+0·7	+1·5	0	..	+0·6	..
13. Mysore . .	4·98	87	85·7	69·0	81	57	6·0	6·3
	−0·74	..	+2·8	+1·5	−1	..	−0·2	..
Mean of India .	6·27	93	98·3	80·0	65	51	4·6	4·5
	−0·49	..	+1·8	+1·5	−1	..	+0·2	..
Sub-division—*contd.*								
15. Madhya Pradesh, East.	5·99	66	100·8	81·5	58	47	5·5	5·9
	−3·03	..	+5·4	+4·0	−5	..	+0·5	..
16. Madhya Pradesh, West.	2·98	44	102·3	81·5	52	35	4·7	4·9
	−3·79	..	+4·0	+3·3	−9	..	+0·3	..
17. Gujarat . .	6·26	113	98·1	80·1	77	57	5·1	4·0
	+0·70	..	+0·7	+0·3	+1	..	−0·1	..
18. Saurashtra and Kutch.	1·84	59	96·9	80·5	80	66	4·8	4·3
	−1·27	..	+0·5	+0·3	+6	..	+0·3	..
19. Konkan . .	30·71	128	87·9	78·2	84	77	5·9	5·5
	+6·71	..	+0·7	+0·2	+4	..	−0·1	..
20. Deccan (Desh) .	9·58	131	93·3	72·9	74	55	5·1	5·5
	+2·26	..	+2·8	+0·7	−1	..	−0·2	..
21. Hyderabad, North	9·61	180	97·7	76·5	65	43	5·1	5·0
	+4·27	..	+3·0	+2·3	−5	..	+0·2	..
22. Hyderabad, South	5·17	112	98·7	78·3	64	43	5·2	5·5
	+0·55	..	+3·2	+2·5	−3	..	+0·4	..
23. Coastal Andhradesa.	5·36	142	96 9	82·2	71	63	5·9	5·8
	+1·59	..	−0·5	+1·1	+1	..	+0·2	..
24. Rayalaseema .	1·75	72	98·1	79·4	60	41	5·6	6·0
	−0·67	..	+0·9	+1·6	−2	..	+0·3	..
25. Tamilnad . .	2·44	156	96·1	79·7	66	57	5·3	5·8
	+0·88	..	+0·5	+1·5	+1	..	+0·9	..
26. Malabar and South Kanara.	17·73	51	87·7	77·3	86	83	7·2	6·7
	−17·35	..	+3·1	+2·3	−2	..	+0·4	..
27. Mysore . .	4·98	87	85·7	69·0	81	57	6·0	6·3
	−0·74	..	+2·8	+1·5	−1	..	−0·2	..
28. Travancore-Cochin	11·05	53	86·7	77·0	85	80	7·2	7·3
	−9·79	..	+2·0	+2·1	−1	..	+0·7	..

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								
	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
Bay Islands.																											
Table Island (R)																											
Maya Bandar	85·4	..	89	13	74·7	..	71	26	10·87	23·99	..	3·83	7	22	..	10·0	7·5	..	23	0	0	8	0	0	0	0	2
Long Island	86·1	..	91	2	76·7	..	73	2,17	10·06	16·90	..	2·49	8	22	..	3·9	2·6	..	25	0	0	2	0	0	0	0	0
Port Blair	84·8	+0·5	88	2·6	75·5	+0·5	72	14	6·73	18·94	−2·81	3·36	10	25	+3·5	13·1	10·9	−2·8	27	0	0	10	0	0	0	0	5
Kondul	86·1	..	88	22,23,24	77·1	..	73	8	4·84	13·43	..	2·73	4	17	..	6·6	5·7	..	19	0	0	1	0	0	0	0	0
Car Nicobar	87·2	..	90	4	81·8	..	72	2	4·34	14·13	..	3·49	2	15	..	4·5	3·4	..	19	0	0	0	0	0	0	0	0
Noncowry	85·7	..	90	6	78·4	..	74	10,15	6·58	11·44	..	2·12	3	15	..	10·8	9·8	..	20	0	0	3	0	0	0	0	0
Assam.																											
Mawsynram	..	..	..	..	..	..	..	..	..	116·70	..	15·70	25	27	..	..	..	..	..	..	..	..	..	..	..	..	..
Dibrugarh	88·7	+1·7	100	21	75·8	+1·7	69	2	3·84	22·52	+2·85	3·69	26	17	−2·6	1·0	0·7	−0·5	21	0	0	10	0	0	0	0	0
Dibrugarh (Mohanbari Aerodrome)	89·2	..	98	21	75·5	..	70	1,10	3·61	21·82	..	3·03	26	15	..	3·4	2·5	..	22	0	0	15	0	0	0	0	0
Sibsagar	87·5	−1·1	97	21	77·2	+1·1	72	1,2	5·26	11·34	−3·79	2·81	12	16	−1·1	3·7	3·1	+0·9	22	0	0	18	0	0	0	0	0
Tezpur	90·5	+1·9	98	20,21	77·5	+1·0	70	1	1·03	3·59	−8·55	0·85	23	9	−7·0	1·1	1·0	−0·9	13	0	1	4	0	0	0	0	0
Tezpur (P.B.O.)	90·1	..	97	20	77·1	..	70	1	0·68	3·47	..	0·92	23	9	..	3·3	1·9	..	15	0	0	12	0	0	0	0	0
Gauhati	89·3	+0·4	96	20	75·1	−1·4	70	1,2,8	2·68	13·69	+1·39	3·25	6	15	+0·3	3·1	1·8	+0·4	22	0	0	14	0	0	0	0	0
Gauhati (Kaikuchi Aerodrome).	88·9	..	97	22	76·7	..	71	1,8	5·87	21·77	..	6·84	28	19	..	..	..	..	24	0	0	22	0	0	0	0	0
Dhubri	86·4	+0·7	94	20	76·6	+0·5	67	8	7·74	27·48	+3·37	5·02	7	20	+1·9	4·2	3·6	−0·7	22	0	0	0	0	0	0	0	0
Silchar	87·4	−1·8	97	20	75·4	−0·8	70	1,2	6·20	23·54	+0·37	2·99	7	21	−0·3	2·0	1·2	−0·5	25	0	0	12	0	0	0	0	0
Tura	84·6	..	89	1	73·0	..	67	8	8·31	32·26	..	3·90	4	23	..	4·1	3·5	..	25	0	0	0	0	0	0	0	0
Lumding	92·2	+2·4	99	20,24	73·8	−1·4	68	1	2·76	4·03	−5·62	1·18	28	7	−6·7	3·6	2·5	..	13	0	0	0	0	0	0	0	0
Agartala	88·5	..	94	19	75·9	..	70	2	7·92	17·80	..	2·53	25	20	..	..	..	..	24	0	0	14	0	0	0	0	0
Imphal	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0	0	4	0	0	0	0	0
West Bengal.																											
Dum Dum	92·4	..	98	1,9	78·9	..	71	3	9·45	17·19	..	3·28	25	16	..	11·9	10·3	..	22	0	0	17	0	0	0	0	1
Calcutta	92·9	+0·5	98	1,8,9	79·7	+1·1	73	3	6·73	12·13	+0·44	2·09	16	15	+1·8	7·3	5·5	+1·2	20	0	0	16	0	0	0	0	1
Barrackpore	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0	0	15	0	0	0	0	1
Saugor Island	89·3	−0·3	93	8	80·8	−0·1	73	22	2·39	11·46	−0·17	2·14	22	18	+5·9	19·6	18·2	+5·0	22	0	0	8	0	0	0	0	
Sandheads	..	..	..	..	..	..	..	..	2·35	13·78	+5·91	4·42	29	11	+1·6	..	..	..	14	0	0	4	0	0	0	0	2
Midnapore	94·9	+0·7	107	1	78·3	−0·9	71	9	7·18	13·46	+3·25	2·03	29	21	+8·6	10·9	5·6	+2·2	21	0	0	7	0	0	0	0	0
Contai	90·1	...	96	26	80·0	..	72	10	7·87	18·45	..	4·00	16	18	..	13·3	10·2	..	20	0	0	1	0	0	0	0	0
Bankura	..	..	..	..	..	..	..	..	..	7·14	−3·39	1·78	25	14	+2·9	..	..	..	..	..	..	..	..	..	..	..	..
Burdwan	95·7	+2·2	109	1	72·1	−6·7	68	4 days	5·32	13·33	+2·81	3·06	29	11	−1·4	5·1	5·0	+1·9	11	0	0	0	0	0	0	0	0
Krishnagar	94·9	+2·1	106	1	77·7	−0·8	71	7	3·37	10·94	+0·61	2·01	25	11	−1·7	8·0	5·9	+0·9	21	0	0	13	0	2	0	0	1
Asansol	97·3	−0·6	116	2	79·4	+0·3	72	10	4·55	7·76	−1·75	1·61	28	13	+1·3	..	(h) 6·1	+0·8	17	0	0	15	0	1	0	0	2
Berhampore	93·4	+0·7	112	1	78·0	−0·5	73	9	6·25	11·66	+1·99	2·50	26	15	+2·7	5·1	4·2	+0·5	17	0	0	5	0	1	0	0	0
Malda	91·4	−0·1	112	1	77·8	−0·4	73	9,11	5·34	9·90	+0.08	3·35	11	9	−2·5	7·6	6·2	+0·8	16	0	0	10	0	0	0	0	0
Cooch-Behar	87·8	..	96	19,20	76·7	..	69	8	4·67	21·39	−12·40	5·18	7	17	−3·6	5·7	3·2	..	21	0	0	1	0	0	0	0	0
Jalpaiguri	87·4	−1·2	94	20	76·4	+0·7	72	2	3·91	18·26	−7·68	5·10	26	19	−0·1	7·5	5·4	+3·3	22	0	0	15	0	0	0	0	0
Bagdogra	88·9	..	93	16,17	76·3	..	71	8	4·04	13·74	..	3·25	26	15	..	6·3	4·4	..	21	0	0	9	0	0	0	0	0
Orissa.																											
Balasore	93·8	+0·6	108	7	79·5	+0·4	74	10,11	1·88	11.20	+2·03	1·97	30	14	+2·9	10·1	8·7	+3·9	20	0	0	14	0	1	0	0	0
Chandbali	93·5	−0·4	100	1	79·8	+0·1	71	4	0·11	6·82	−1·92	2·50	30	9	−2·3	13·6	10·9	+2·9	14	0	0	8	0	0	0	0	0
Puri	88·5	−0·5	95	29	81·5	+0·6	73	13	2·05	6·43	−1·03	1·63	19	10	+1·9	19·0	17·6	+5·5	12	0	0	2	0	0	0	0	0
Bhubaneswar	95·0	..	105	8	80·1	..	73	13	0·68	4.39	..	1·23	4	8	..	19·6	17·4	..	14	0	0	8	0	0	0	0	0
Cuttack	96·4	+0·9	111	8	81·0	+1·4	74	13	2·07	6·27	−3·68	1·78	13	11	−0·4	8·4	7·0	+4·0	15	0	0	8	0	0	0	0	0
Cuttack (P.B.O.)	..	..	..	..	..	..	..	..	1·94	5·95	..	0·53	4	11	..	6·0	5·0	..	17	0	0	3	0	0	0	0	0
Gopalpur	88·3	−1·5	97	29	80·3	0	73	4	6·36	12·87	+7·41	4·10	18	10	+2·4	15·1	13·4	+2·8	12	0	0	8	0	0	0	0	0
Koraput	89·1	..	104	3,12	74·0	..	66	15	6·35	17·05	..	5·63	20	10	..	..	..	..	13	0	0	0	0	0	0	0	0
Angul	98·3	+2·4	112	4	80·9	+2·0	74	4	2·00	4·98	−3·56	1·05	4	11	−0·6	8·7	7·7	+2·5	12	0	0	9	0	2	0	0	0
Sambalpur	103·2	+5·7	116	1,2	82·1	+1·6	74	21,27	0.82	1.95	−8·14	0·55	27	6	−4·7	..	(e) 6·2	+2·2	10	0	0	6	0	2	0	0	0
Jharsuguda	103·1	..	115	2	81·8	..	73	23	0·51	3·02	..	0·96	26	7	..	9·0	7·0	..	9	0	0	8	0	0	0	0	0
Titilagarh	102·2	..	117	3	81·9	..	74	15,30	2·35	6·15	..	1·77	19	8	..	5·9	4·6	..	8	0	0	8	0	2	0	0	0
Chota Nagpur.																											
Purulia (R)																											
Jamshedpur	98·3	+1·3	114	1,2	80·6	+0·6	72	10	14·44	22·75	+15·24	8·43	30	11	+0·3	8·3	6·4	+1·8	15	0	0	6	0	4	0	0	0
Jamshedpur (P.B.O.)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	9·6	7·3	..	..	0	0	9	0	2	0	0	0
Chaibasa	100·1	+3·2	115	2,3	80·7	+1·5	73	13	4·05	9·47	+1·68	2·54	29	10	−0·7	4·3	3·0	+0·3	12	0	0	7	0	0	0	0	0
Ranchi	95·7	+3·7	109	2	75·6	+0·3	71	13,14,30	5·54	9·93	+1·34	2·81	29	11	−0·4	6·4	4·9	−0·6	13	0	1	2	0	0	0	0	0

(e) Mean of 26 days. (h) Mean of 23 days. (R) Register not received.

ivision 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
ta Nagpur—*contd.*																												
azaribagh	94·4	+1·3	109	2	76·3	+0·2	71	13	7·23	10·96	+2·63	3·05	13	12	+1.3	7·3	7·7	+0·9	15	0	0	10	0	0	0	0	2	0
azaribagh (C.W.)	94·3	..	110	1,2	76·1	..	72	23	7·08	11·03	..	3·02	13	12	..	4·1	3 0	..	13	0	1	12	0	1	0	0	3	0
altonganj	103·1	+2·8	115	2,3,9	83·1	+2·2	75	26	0·91	3·87	−2·15	1·22	26	4	−4·2	5·9	5·6	+1·0	7	0	0	5	0	0	0	0	0	0
ar.																												
irnea	90·4	−1·0	102	1	77·6	+0·2	66	8	2·38	11·23	+1·00	5·80	27	8	−3·8	7·3	5·5	+2·5	11	0	0	6	0	0	0	0	0	0
orbesganj (R)																												
arbhanga	91·8	−1·1	108	1	79·1	+0·6	74	8	5·38	8·21	+0·63	2·09	27	10	+1·2	5·9	4·4	+0·1	10	0	0	0	0	0	0	0	0	0
Motihari	94·8	+1·3	109	1	77·9	+0·1	73	3	2·86	10·70	+1·99	5·40	26	6	−3·4	4·5	4·3	−0•5	9	0	0	6	0	0	0	0	0	0
Muzaffarpur (R)																												
hapra	..	..	..	..	..	..	..	..	..	6·85	+0·92	1·84	27	6	−1·2	..	..	..	..	..	..	..	..	..	..	..	..	..
rrah	..	..	..	..	..	..	..	..	..	11·39	+5·19	4·15	16	10	+2·5	..	..	..	..	..	..	..	..	..	..	..	..	..
atna	95·8	−0·4	113	1	80·0	+0·1	75	14,16	3·83	9·83	+2·69	2·74	27	8	0	7·8	7·2	+2·2	10	0	0	6	0	0	0	0	0	0
atna (Aerodrome)	96·3	..	114	1	79·4	..	72	15	5·87	13·52	..	3·56	27	9	..	5·5	7·5	..	13	0	0	7	0	2	0	0	0	0
ehri	101·9	..	115	1,2,9	82.8	..	76	16	2·04	2·34	−3·03	1·08	26	4	−2·9	7·4	5·5	..	5	0	0	0	0	0	0	0	0	0
aya	100·1	+0·6	116	2	82·8	+1·5	76	16	4.90	6·63	+0·18	2·00	23	9	+1·5	11·1	10·3	+4·2	13	0	0	10	2	1	0	0	3	0
amui	97·1	..	114	1	80 4	..	77	9	3·49	5·23	..	1·44	27	10	..	8·7	6·1	..	15	0	0	0	0	0	0	0	0	0
umka (R)																												
abour	94·2	−0·3	113	1	78·9	−0·3	74	9	1·95	6·81	+0·63	3·30	26	11	+3·2	10·0	8·1	+2·4	13	0	0	14	0	0	0	0	1	0
hagalpur	94·6	..	111	1	78·9	..	75	8	1·52	5·45	..	2·61	26	7	..	4·7	7·2	..	13	0	0	10	0	0	0	0	0	0
P., East.																												
onda	99·0	+1·2	115	2	81·2	+1·2	73	15	2·00	6·66	−0·65	2·06	24	8	−0·3	8·3	6·1 (c)	+1·1	8	0	0	3	0	0	0	0	0	0
orakhpur	97·2 (l)	+0·3	..	..	79·5	+0·3	69	15	1·45	10·19	+2·64	4·92	27	8	- 0·3	6·9	5·5 (c)	+2·7	8	0	0	0	0	0	0	0	0	0
zamgarh	99·5	..	116	2	80·7	..	75	4 days	1.19	6·66	..	2·21	23	6	..	5·5	4·4	..	10	0	0	0	0	0	0	0	0	0
anaras	102·7	+1·8	115	1,2	82·6	+0 6	76	24	1·45	3·52	−1·04	0·80	18	7	+1·0	9·0	7·6	+3·6	10	0	0	3	0	0	0	0	0	0
anaras (Babatpur Aerodrome).	101·8	..	115	1,2	82·1	..	76	27	1·17	5·16	..	1·63	23	6	..	11·3	9·1	..	8	0	0	1	0	1	0	0	0	0
llahabad (Bamrauli)	103·5	+0·8	115	2,9	84·2	+1·3	75	24	1·09	6·19	+1·15	3·45	24	6	+1·7	8·2	6·1	+0·8	8	0	0	7	0	0	0	0	0	0
tehpur	104·6	+1·6	115	2,7,9	84·3	+1·3	74	16	0·58	4·06	+0·62	2·52	23	5	−2·8	5·0	4·9	+0·4	5	0	0	3	0	0	0	0	0	0
nda	107·4	..	116	9,10	85·6	..	77	24	0·50	3·57	..	3·17	24	3	..	6·6	5·0	..	3	0	0	0	0	0	0	0	0	0
rai	102·5	..	116	9	85·4	..	75	23	1·33	2·34	.	1·04	30	4	..	..	..	..	4	0	0	0	0	0	0	0	0	0
anpur	104·1	+1·4	114	2	84·6	+1·6	74	15	0·06	1·26	−1·93	0·46	24	4	−0·5	13·0	9·8	..	6	0	0	0	0	0	0	0	0	0
cknow	102·3	+2·1	115	2	82·7	+1·0	74	15,16	1·05	3·93	−0·53	1·43	24	5	−0·5	5·5	3·8	+1·2	6	0	0	1	0	0	0	0	0	0
cknow (Amausi Aerodrome).	101 0	+0·8	114	1	82·0	+1·0	71	15	1·67	2·78	−1·68	0·69	23	5	−0·5	8·4	7·3	..	9	0	0	3	0	0	0	0	0	0
rdoi	104·0	..	114	2,6,13	81·5	..	71	16	2·75	4·15	..	2·75	24	4	..	5·5	4·5	..	4	0	0	0	0	0	0	0	0	0
khimpur Kheri	100·8	..	113	1	81·5	..	71	15	0·35	4·63	..	1·35	15	5	..	5·5	4·1	..	7	0	0	6	0	0	0	0	0	0
hraich	99·7	+1·0	116	9	81·8	+1·8	72	15	0·66	4·52	−1·68	1·97	27	6	−0·1	8·3	7·1	+3·7	6	0	0	2	0	0	0	0	0	0
P., West.																												
ansi	106·2	+2·2	115	11	88 2	+3·7	77	24	0·88	1 05	−3·12	1·00	24	1	−4·5	4·7	4·2	−0·8	2	0	0	0	0	0	0	0	0	0
ra	107·1	+3·1	115	10	89·7 (b)	+6·2	..	..	0·15	0·15	−2·29	0·15	23	1	−2·8	5·0	4·3	−0·7	1	0	0	0	0	0	0	0	0	0
ainpuri	106·5	+1·8	115	6,8,9	84·8	+2·0	77	24	1·18	3·62	+0·98	2·57	24	3	−0·8	7·2	4·9	+2·1	3	0	0	3	0	2	0	0	0	0
igarh	106·3	+4·1	114	8,9	84 9	+2·3	74	15	0	0·84	−4·55	0·41	25	2	−2·6	..	..	..	3	0	0	7	0	0	0	0	0	0
reilly	103 6 (c)	+3·4	..	..	82·9	+2·5	72	15	0·39	3·39	−1·84	2·12	15	3	−2·4	6·7	5·0	+2·1	6	0	0	1	0	0	0	0	0	0
eerut	103·3 (b)	+2·0	..	..	83·1	+2·5	71	16	..	4·47	+1.07	1·56	20	4	−0·1	..	..	..	4	0	0	0	0	0	0	0	0	0
jibabad	101·8 (g)	..	..	..	79·5	..	71	15,28	1·31	4·90	..	1·50	24	7	..	7·0	5·1	..	7	0	0	1	0	0	0	0	0	0
orkee	101·2	+1·0	112	8 days	79·6	+0·8	70	15	1·11	7·32	+2·82	2·57	24	6	+0·6	6·1	4·8	+1·6	7	0	0	6	0	0	0	0	0	0
hra Dun	95·1	+1·4	107	2,3	75·9	+1 8	70	28	1 65	6·41	−2·14	0·76	20	12	+2·6	3·8	2·6	+0·7	12	0	0	6	0	0	0	0	0	0
jab (I).																												
w Delhi	104·2	−0.1	111	9,11,12	85·2	+1·6	76	24	0·93	1·78	−1·25	1·63	24	1	−3·2	11·4	9·5	..	5	0	0	2	0	2	0	0	1	0
ssar	106·1	+0·6	115	9	80·0	+2·2	73	1,14	0·16	1·98	+0 72	1·84	16	1	−1·9	8·5	7·8	+1·9	3	0	0	1	0	0	0	0	0	0
rnal	102·3	..	111	4 days	84·3	..	70	16	2·24	5·51	..	1·16	16	7	..	6.0	4·4	..	9	0	0	2	0	0	0	0	0	0
nbala	104·6	+1·0	115	10,11	82·4	+1·7	69	19	0·65	6·40	+3·36	3·83	19	5	+0·6	7·2	5·7	+1·8	6	0	0	0	0	0	0	0	0	0
tiala	103·7	..	115	10	80·7	..	71	16	0·33	3·46	+2·28	1·01	28	7	..	7·4	6·0	..	8	0	0	6	0	7	0	0	0	0
dhiana	105.7	+1·0	117	11	80·8	−0.1	71	19	2·65	5·74	+3·46	3·36	24	5	−1·5	1·6	0·9	−1·5	5	0	0	5	0	0	0	0	0	0
rozepur	106·5	..	114	10,11	81·4	..	73	29	1 55	1·97	..	1·67	29	3	..	3·1	2·1	..	3	0	0	2	0	4	0	0	5	0
ritsar	105·2	..	116	11	79·3	..	70	8	0·35	0·41	..	0 25	24	2	..	11·5	9·2	..	2	0	0	4	0	0	0	0	0	0
thankot	104·3	..	114	10,11	78·9	..	71	22	0·61	0 80	..	0·36	22	3	..	4·1	2·9	..	3	0	0	0	0	8	0	0	0	0
mu & Kashmir.																												
nagar	86·1	+0·7	96	12,13,22	59·2	+1·9	50	2	0·13	0·64	−0·76	0·38	15	3	-0·4	2·0	2·5	−0·1	5	0	0	5	0	0	0	0	0	0
lmarg	68·5	+0·7	79	13	45·1	−0·1	35	3	..	2·77	−0·78	0·92	3	8	+0·2	..	3·7	0	15	0	0	16	1	0	0	0	0	0
namarg	..	..	..	..	..	..	..	..	..	4·68	+1·79	0·99	15	10	+2·8	..	..	..	..	..	..	..	..	..	..	..	..	..

TABLE II—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER—JUNE 1953.

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 w									
	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	2
Jammu & Kashmir— *contd.*																												
Dras (R)																												
Kargil (R)																												
Leh	72·6	+1·3	79	12	46·1	+1·8	41	1	0	0	−0·18	0	..	0	−0·7	5·5	4·5	+2·0	0	0	0	1	0	0	0	0	0	
Skardu (R)																												
Gurez	..	..	..	..	..	..	..	..	..	0·34	−2·07	0·20	15	1	−4·8	..	..	..	..	..	..	..	..	..	..	..	..	..	
Gilgit (R)																												
Misgar (R)																												
Jammu (R)																												
Rajasthan, West.																												
Sri Ganganagar	109 2	+2·3	115	9	84·2	+2·9	75	8	0	0·05	−2·94	0·05	19	0	−2·7	10·0	7·0	−1 5	1	0	0	0	0	10	0	0	0	
Bikaner	107·8	+1·5	114	8,9	86·3	+1·6	80	7	0	0	−1·21	0	..	0	−2·2	10·5	9·2	+1·7	0	0	0	0	0	2	0	0	0	
Jaisalmer	105·9	..	112	23	81·4	..	77	5	0	0·86	..	0·78	21	1	..	21·3	19·8	..	2	0	0	0	0	0	0	0	0	
Jodhpur	105·0	+1·4	112	7,8	84·0 (c)	+1·7	78	24	0·92	1·46	+0·04	0·83	24	4	+1·9	13·2	10·5	..	10	0	0	4	0	1	0	0	0	
Phalodi	105·0	..	112	8,18	80·5	..	..	27	0·23	0·23	−0·69	0·23	24	1	−0·6	22·3	16·5	..	1	0	0	0	0	0	0	0	0	
Barmer	104·8	+1·4	112	7,22	82·9	+2·6	77	24	0·01	0·34	−0·76	0·23	24	2	+0·5	11·4	10·7	+2·5	3	0	0	3	0	2	0	0	0	
Rajasthan, East.																												
Sikar	102 0	..	109	8,9	82·5	..	70	16	1·40	3·18	..	0·28	24	3	..	10·8	9·5	..	3	0	0	0	0	0	0	0	0	
Jaipur	103·7	+0·6	112	8,9	82·1	+1·7	74	16,17	0·20	0·59	−1·65	0·40	16	2	−1·9	10·9	8·8	+2·9	3	0	0	6	0	0	0	0	0	
Jaipur (Sanganer Aerodrome).	103·5	..	111	8,9	82·5	..	73	16	0·37	0·51	..	0·37	30	4	..	14·1	12·1	..	5	0	0	4	0	1	0	0	0	
Ajmer	101·0	+0·6	108	8	83·4	+1·3	70	17	1·39	1·46	−0·97	0·85	17	2	−0·7	12·1	10·3	+3·0	5	0	0	4	0	1	0	0	0	
Kotah	104·8	·0	113	8,9	86·6	+1·5	80	24	0·77	1·38	−1·26	0·65	24	3	−1·1	9·0	8·1	+3·1	4	0	0	2	0	3	0	0	0	
Jhalawar	103·0	+1·4	112	8	82·3	+1·1	72	15	1·59	2·70	−1·74	0·79	19	5	−2·1	8·7	7·0	+0·7	5	0	0	5	0	0	0	0	0	
Udaipur	96 5	−1·4	106	7	78·1	−0·9	71	18	3·28	4·30	+1·26	1·17	23	6	+1·4	6·8	5·4	..	8	0	0	7	0	0	0	0	0	
Madhya Bharat.																												
Gwalior (P.B.O.)	105·8	−0·4	115	9	87·9	+1·4	72	16	0·43	3·39	+1·58	0·97	15	5	+1·2	9·3	7·2	..	6	0	0	4	0	0	0	0	0	
Sheopur Kalan	105·8	..	113	8,9	83·9	..	77	16	1·17	1·32	..	0·35	15,16	5	..	8·7	6·2	..	5	0	0	2	0	0	0	0	0	
Guna	103·5	+3 2	112	8	81·6	+2·4	75	15,18	1·41	1·88	−4 15	0·93	24	6	−1·2	11·7	8·6	+1·4	7	0	0	4	0	0	0	0	0	
Neemuch	99·2	+0·8	109	7	79·1	+1·3	69	19	1·20	5·08	+0·85	3·16	19	5	+0·2	11·8	10·3	+0·9	5	0	0	6	0	0	0	0	0	
Ratlam	97·9	..	108	6	77·4	..	71	18	0·96	3·15	..	0·92	19	6	..	11·4	8·8	..	9	0	0	5	0	0	0	0	0	
Indore	97·4	+1·0	109	6	76·2	+0·9	70	18	1·64	2·93	−2·87	0·77	18	8	+0·7	15·0	12·9	+0·5	16	0	0	8	0	0	0	0	0	
Bhopal (Bairagarh)	101·0	+3·3	110	6	80·2	+3·2	75	26,29	3·11	3·39	−3·44	2·94	19	2	−7·4	12·1	12·7	+3·9	3	0	0	3	0	0	0	0	0	
Vindhya Pradesh.																												
Nowgong	106·7	+3·9	115	9	85·9	+3·2	79	23,24	0·24	0·52	−4·92	0·30	23	2	−4·1	8·6	6·3	+2·7	2	0	0	4	0	0	0	0	0	
Sutna	105·4	+4·9	114	2,9	85·1	+3·3	77	23	0·85	0·33	−5·21	0·13	30	2	−4·3	10·2	7·6	+1·9	4	0	0	4	0	0	0	0	0	
Umaria	103·8	+5·9	113	9	82·6	+3·0	76	30	0·79	0·91	−6·21	0·43	26	2	−8·0	7·2	4·8	+0·4	4	0	0	2	0	3	0	0	0	
Madhya Pradesh, East.																												
Gondia	104·1	..	114	6 days	83·6	..	75	20,22,23	0·73	1·71	..	1·08	20	3	..	6·3	4·6	..	6	0	0	0	0	4	0	0	0	
Pendra	100·2	+7·1	110	3,9	80·5	+4·8	72	21,22,30	1·18	3·39	−4·54	1·18	30	8	−3·7	9·5	6·8	+1·9	11	0	0	8	0	0	0	0	0	
Raigarh	104·9	..	117	3	83·6	..	73	15	0·71	2·44	..	0·53	15	7	..	6 3	4·9	..	10	0	0	0	0	0	0	0	0	
Ambikapur	98·4	..	110	10	77·9	..	70	15	1·54	4·70	..	1·91	22	5	..	10·1	7·1	..	8	0	0	4	0	0	0	0	0	
Champa	105·2	..	117	3	83·7	..	75	16,21	1·99	3·90	..	1·30	16	7	..	7·9	6·9	..	9	0	0	4	0	1	0	0	0	
Raipur	102·9	+5·0	114	5 days	84·2	+5·1	72	30	2·14	4·90	−4·16	1·34	20	6	−3·7	8·1	6·6	−1·7	8	0	0	7	0	0	0	0	0	
Kanker	99·3	+4·5	112	1,2,3	82·2 (e)	+4·3	71	19	2·45	6·81	−3 59	2·17	19	9	−1·3	9·8	7·4	+2·1	9	0	0	3	0	0	0	0	0	
Chanda	104·8	+5·1	116	7	82·7	+2·8	..	..	1·29	4·64	−3·41	1·91	19	7	−2·8	10·1	7·0	+1·7	10	0	0	5	0	0	0	0	0	
Sironcha	103·0	..	116	4,8	83·3	..	74	21	2·59	7·14	..	3·20	20	9	..	7·7	5·5	..	12	0	0	1	0	0	0	0	0	
Jagdalpur (P.B.O.)	96·8	+5·1	112	3	77·9	+3·2	71	19	2·69	10·22	+0·55	4·86	20	7	−4·3	8·1	5·5	..	15	0	0	7	0	0	0	0	0	
Madhya Pradesh, West.																												
Buldhana	96·1	..	107	7	75·4	..	71	4 days	1·24	7·25	..	2·79	21	7	..	12·0	12·0	..	8	0	0	3	0	0	0	0	0	
Akola	102·2	+3·2	114	6,7	80·6	+2·3	75	20,26	0·36	5·29	−0·24	1·83	21	6	−2·1	12·5	11·2	+4·5	6	0	0	10	0	0	0	0	0	
Amravati	102·3	+4·1	114	5,6,7	79·9	+2·2	70	15	0·40	4·84	−1·71	1·68	15	6	−2·7	13·9	11·8	+4·1	8	0	0	9	0	0	0	0	0	
Yeotmal	101·7	..	114	7	80·5	..	71	19	2·23	6·94	..	4·11	21	5	..	14·7	12·5	..	6	0	0	0	0	0	0	0	0	
Khandwa	99·9	+1·1	113	5,6,7	80·5 (c)	+1·7	74	15,16	0·15	3·13	−2·47	1·30	15	6	−1·0	11·0	12·0	+3·8	8	0	0	2	0	0	0	0	0	
Hoshangabad	103·0	+4·3	114	6,7	83·2	+3·5	..	..	1·61	1·86	−4·01	0·82	23	4	−4·2	7·0	5·4	+1·5	7	0	0	3	0	0	0	0	0	
Sagar	101·9	+3·5	111	8	82·1	+4·0	76	23	0·61	0·50	−5·69	0·30	23	1	−7·1	10·5	9·2	−2·8	4	0	0	5	0	0	0	0	0	
Jabalpur	104·8	+6·7	114	6	82·2	+3·6	76	22,23	0·50	0·71	−6·32	0·30	22	3	−5·8	9·2	7·1	+3·5	7	0	0	2	0	0	0	0	0	
Mandla	102·1	..	112	8	79·9	..	73	4 days	0·48	1·96	..	0·75	22	6	..	7·9	5·0	..	7	0	0	5	0	2	0	0	0	
Seoni	100·3	+5·3	112	9	79·6	+4·3	73	22	2 42	2·46	−6·10	1·38	18	6	−5·1	8·0	6·1	+1·7	7	0	0	2	0	0	0	0	0	

(c) Mean of 28 days. (e) Mean of 26 days. (R) Register not received.

sion 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
hya Pradesh, et—*contd.*																												
indwara	97·9	..	108	6,8	80·1	..	72	22,23	0·64	2·92	..	1·35	20	4	..	9·9	7·6	..	5	0	0	1	0	0	0	0	0	0
l	97·8	..	108	6,7	77·3	..	71	22	0·26	2·42	..	1·05	22	3	..	8·8	6·6	..	8	0	0	3	0	0	0	0	0	0
pur	104·2	+4·7	116	6	83·5	+3·9	74	20	3 11	5·03	−3·79	1·84	20	6	−4·2	11·1	8·8	..	8	0	0	7	0	0	0	0	0	0
rat.																												
sa	102·4	..	110	6,22	80·9	..	75	17	1·85	3·38	..	1·44	17	3	..	..	..	..	5	0	0	0	0	2	0	0	0	0
at	93·5	+0·7	108	6	80·8	+0·9	76	21,27	8·32	10·60	+1·98	3·73	27	9	+1·0	9·4	8·5	+1·1	11	0	0	4	0	0	0	0	0	0
nedabad	101·9	+0·1	111	6	81·1	+0·3	73	16	0·83	3·39	−0·27	1·36	16	6	+1·3	7·5	7·4	+0·4	8	0	0	4	0	0	0	0	0	0
ad	97·4	+0·2	109	6	78·2	−0·3	72	18	1·41	3·43	−0·10	1·36	21	6	+1·0	16·9	17·1	+7·0	11	0	0	9	0	0	0	0	0	0
oda	99·4	+1·7	111	6	80·2	+0·4	73	16	3·25	7·61	+1·20	3·61	16	5	−1·7	6·2	5·9	−0·7	8	0	0	2	0	0	0	0	0	0
oda (Aerodrome)	98·8	..	110	6	80·5	..	73	16	2·95	5·67	..	2·17	16	5	..	9·4	9·5	..	6	0	0	5	0	0	0	0	0	0
ach	97·1	..	112	6	80·9	..	74	16	2·13	4·88	..	1·23	27	7	..	8·9	8·0	..	12	0	0	0	0	0	0	0	0	0
ashtra and Kutch																												
j	97·8	+0·5	106	21	81·1	+1·4	77	6,7	0·12	0·62	−0·76	0·29	21	2	+0·1	15·0	12·5	+0·8	6	0	0	3	0	1	0	0	0	0
j (P.B.O.)	..	..	..	..	..	..	..	..	0·12	0·62	..	0·29	21	2	..	10·9	9·8	..	6	0	0	4	0	1	0	1	0	0
arka	88·8	−0·5	92	23	81·6	−0·8	75	21	0·07	0·58	−1·43	0·29	26	2	−0·3	16·0	15·7	+2·6	5	0	0	0	0	0	0	0	0	0
bandar	89·7	..	93	18	81·3	..	75	21	0·30	4·81	..	2·30	22	6	..	14·6	13·3	..	10	0	0	0	0	0	0	0	0	0
nnagar	97·0	+0·4	107	14	80·9	+0·5	75	21	0·13	1·30	−1·27	0·71	21	3	0	..	..	..	6	0	0	3	0	0	0	2	0	0
jkot	100·3	+0·9	107	6,7,8	78·7	+0·5	74	17	0·59	3·40	−0·70	1·16	21	6	+1·2	8·8	8·4	−3·3	9	0	0	7	0	0	0	0	0	0
jkot (Aerodrome)	100·6	..	108	6,8	78·9	..	75	7,17	..	3·22	..	1·12	21	8	..	..	20·0	..	13	0	0	7	0	1	0	0	0	0
raval	88·1	..	93	14	80·4	..	74	17	1·01	2·84	−1·82	1·30	21	6	+2·1	17·0	16·8	+6·4	10	0	0	2	0	0	0	3	0	0
huva	94·0	..	105	6	79·1	..	75	6	3·09	3·80	..	2·45	18	6	..	19·6	15·7	..	11	0	0	0	0	0	0	4	0	0
avnagar	100·8	+1·0	111	6,8	80·2	0	73	17	1·10	2·29	−1·61	0·70	21	6	+1·3	11·7	10·7	+2·8	9	0	0	3	0	0	0	0	0	0
avnagar (Aero-drome).	99·2	..	110	5	80·2	..	70	1	..	2·37	..	0·90	16	5	..	..	18·8	..	10	0	0	5	0	0	0	7	0	0
ikan.																	(c)											
hanu	89·4	..	97	14	79·4	..	73	29	20·17	37·35	..	12·05	18	14	..	11·9	11·9	..	16	0	0	1	0	0	0	0	1	0
mbay (Colaba)	89·2	+0·7	95	12	78·8	+0·2	74	20	9·55	32·59	+13·53	6·84	19	16	+1·4	10·3	8·9	−0·5	18	0	0	8	0	0	0	0	8	0
mbay (Santac ruz Aerodrome).	88·8	+0·3	95	14	77·1	−1·5	73	18,19,20	12·03	39·31	+20·25	12·03	19	15	+0·4	11·8	9·9	..	19	0	0	10	0	0	0	0	1	0
bag	87·3	+0·2	92	8,10	79·0	+0·5	73	18	..	20·92	−2·67	3·80	18	17	+0·3	..	14·9	+2·4	18	0	0	0	0	0	0	0	0	0
rnai	86·0	..	94	26	78·7	..	71	18	12·47	36·62	..	6·25	30	17	..	11·1	10·3	..	18	0	0	0	0	0	0	2	0	0
tnagiri	87·9	..	93	8,9,11	78·2	..	72	17,19,30	13·99	42·23	..	12·20	30	16	..	..	..	..	18	0	0	0	0	0	0	0	0	0
vgad	88·2	..	95	10	79·0	..	73	18,30	9·26	29·04	..	4·72	21	15	..	15·0	14·2	..	16	0	0	0	0	0	0	0	0	0
ngurla	87·8	..	93	13	77·1	..	70	17	9·53	37·04	..	6·45	21	15	..	..	..	..	21	0	0	10	0	0	0	0	0	0
armagao	86·1	+1·5	90	9,10,11	77·9	+1·7	71	18	11·12	24·86	+7·23	5·01	21	13	−10·0	14·0	13·4	+5·3	16	0	0	4	0	0	0	0	0	0
rwar	86·3	..	90	4 days	77·7	..	73	17,18,30	11·47	33·77	..	7·85	30	16	..	..	..	..	21	0	0	0	0	0	0	0	0	0
navar	86·8	..	92	9	76·9	..	72	17,30	11·91	35·88	−4·80	5·90	15	18	−5·9	4·4	3·7	..	20	0	0	2	0	0	0	0	0	0
can (Desh).																												
andala	..	..	..	..	..	..	..	..	..	42·28	+9·15	10·52	19	17	−3·3	..	..	..	18	0	0	0	0	0	0	0	0	0
lgaon	102·8	..	115	6,7	79·5	..	75	14,16,20	0·79	3·97	−1·13	1·31	20	5	−2·3	16·8	14·8	..	9	0	0	2	0	0	0	0	0	0
alegaon	99·7	+3·4	110	6,7,13	75·3	+0·2	72	10,15,23	1·21	6·04	+1·69	2·30	18	6	−0·7	10·1	8·1	−1·3	13	0	0	3	0	0	0	0	0	0
olali	91·1	..	104	6,13	73·2	..	71	4 days	..	5·40	..	1·80	17	10	..	..	10·8	..	13	0	0	4	0	0	0	0	0	0
mednagar	95·2	+2·9	108	6	73·3	+1·3	70	4 days	1·26	4·06	−1·17	1·21	22	5	−2·5	9·3	7·6	−0·7	10	0	0	0	0	0	0	0	0	0
ona	91·5	+2·1	104	13	73·0	−0·5	68	13,30	2·04	5·94	+1·45	1·98	13	13	+5·7	6·0	4·5	−5·3	18	0	0	4	0	0	0	0	0	2
ona (Lohagaon Aerodrome).	90·6	..	103	4,5,6	71·5	..	66	13	2·45	6·59	..	1·82	13	11	..	..	..	..	16	0	0	4	0	0	0	0	0	0
ur	96·5	..	110	6	74·8	..	69	24	0·10	3·89	..	3·21	14	4	..	15·1	13·5	..	8	0	0	6	0	0	0	0	0	0
olapur	98·5	+3·3	112	4	75·5	+1·7	70	22	0·65	3·35	−1·00	0·78	21	7	+0·5	13·2	9·0	+0·4	11	0	0	0	0	0	0	0	0	0
iraj	92·1	+3·9	105	3,4,6	72·8	+0·9	70	4 days	1·42	2·34	−0·37	0·82	21	8	+2·1	13·3	(f) 10·9	+1·1	14	0	0	6	0	0	0	0	0	0
olhapur	88·2	..	103	4,5	72·0	..	68	30	3·19	7·89	..	1·44	19	11	..	14·9	12·8	..	17	0	0	3	0	0	0	0	1	0
japur	93·9	+1·8	..	..	73·2	+1·1	69	23,30	1·12	2·79	−0·23	0·67	17	7	+1·6	10·4	9·6	+1·0	9	0	0	1	0	0	0	0	0	0
lgaum	84·6	+2·5	99	5	68·8	+0·5	64	30	7·49	19·99	+11·89	4·94	30	15	+2·1	7·0	6·5	+0·6	18	0	0	2	0	0	0	0	0	0
lgaum (Sambre Aerodrome).	85·8	..	101	4	69·3	..	65	30	5·16	12·80	..	2·92	30	14	..	20·9	18·2	..	18	0	0	2	0	0	0	1	0	0
adag	90·7	+2·8	105	4	71·3	+0·1	67	18	2·03	5·00	+2·33	0·91	26	10	+4·4	13·6	12·2	+1·4	16	0	0	4	0	0	0	0	0	0
derabad, North.																												
urangabad	95·9	+1·7	109	6	74·5	+1·5	70	14,24	1·29	12·85	+7·41	7·17	18	11	+3·3	13·9	13·1	+1·9	15	0	0	7	0	0	0	0	0	0
urangabad (Chikal-thana Aerodrome).	96·1	..	108	6,7	74·4	..	70	14,18,20	1·14	8·56	..	2·59	18	12	..	15 0	13·8	..	14	0	0	6	0	0	0	0	0	0
rbhani	101·2	..	114	7	77·8	..	72	16,20,22	0·62	7·20	+1·69	2·73	20	6	−1·8	13·7	(l) 12·3	..	7	0	0	8	0	0	0	0	0	0
amagundam	103·7	..	117	2,3,8	84·5	..	72	18	0·90	12·17	..	5·54	20	8	..	7·3	6·7	..	11	0	0	0	0	0	0	0	0	0
izamabad	101·2	+4·2	114	5	79·7	+2·3	70	17	1·90	10·63	+4·82	4·64	20	10	+1·3	7·5	6·3	+0·5	11	0	0	1	0	0	0	0	0	0
dar	96·1	+3·2	109	7	75·4	+3·0	69	4 days	2·68	7·76	+3·15	3·03	21	8	+0·9	15·1	13·7	+1·1	15	0	0	0	0	0	0	0	0	0

(*f*) Mean of 25 days. (*c*) Mean of 28 days. (*l*) Mean of 19 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 wi								
	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	98·2	+2·4	111	7	76·4	+2·2	70	26	0·72	4·33	−0·11	1·83	16	7	+0·1	15·4	14·2	+4·1	10	0	0	1	0	0	0	0	0
Raichur	98·0	+2·7	109	7	77·3	+2·4	71	21	0·93	1·48	−2·14	0·58	21	2	−4·0	16·0	15·2	+5·1	9	0	0	3	0	0	0	0	0
Mahabubnagar	96·1	..	110	4	76·9	..	70	21	1·38	4·91	..	1·84	21	10	..	13·0	12·5	..	15	0	0	2	0	2	0	0	0
Hyderabad (Begumpet Aerodrome).	97·1	+3·3	109	4,7,8	77·1	+2·6	69	30	1·67	3·24	−1·17	1·09	20	8	+1·5	18 2	17·1	+4·8	12	0	0	8	0	0	0	0	1
Hakimpet	96·5	..	108	4 days	75·8	..	68	21	1·68	4·19	..	1·66	20	8	..	..	..	..	14	0	0	4	0	0	0	0	0
Hanamkonda	101·7	+4·4	115	4	82·4	+2·9	70	18	3·12	11·63	+5·62	4·76	17	5	−3·2	13·4	11·3	+4·2	7	0	0	2	0	0	0	0	0
Bhadrachallam	101·3	..	115	3	82·1	..	75	4 days	1·10	5·95	..	2·09	20	11	..	8.8	7·9	..	12	0	0	2	0	0	0	0	0
Khammameth	101·9	..	116	3	81·9	..	72	17	1·00	7·96	..	3·65	17	9	..	8·7	8·0	..	14	0	0	7	0	0	0	1	0
Coastal Andhradesa.																											
Nellore	102 9	+1·5	113	3	84·3	+2·0	76	27	0·03	0·64	−0·63	0·42	27	2	−0·9	6·4	7·4	+1·6	4	0	0	0	0	0	0	0	0
Ongole	101·5	..	115	3,4	83·4	..	74	17	0·65	0 90	..	0·78	16	1	..	10·1	8·4	..	3	0	0	0	0	0	0	0	0
Gannavaram	101·3	..	116	11	82·1	..	75	15,17,20	0·79	3·19	..	0·77	15	7	..	14·7	12·9	..	14	0	0	3	0	0	0	1	0
Masulipatam	97·3	−0·9	113	11	82·1	+1·4	72	15	0·77	4·35	+0·13	1·26	15	9	+2·8	13·1	10·9	+3·4	9	0	0	3	0	0	0	0	0
Kakinada	94·7	−2·1	114	10	81·3	+0·4	73	15	1·83	5·48	+0·80	1·60	17	9	+1·9	10·7	9·6	+3·5	10	0	0	4	0	0	0	0	0
Visakhapatnam	93·5	−2·0	103	10	81·5	+0·9	75	19	1·01	5·32	+1·18	1·93	17	6	−0·5	14·6	11·4	+4·0	8	0	0	2	0	0	0	0	0
Calingapatam	89·7	−3·2	97	29	80·7	+0·3	75	19,20	2·31	12·13	+7·44	6·60	19	9	+2·7	12·7	11·0	+3·0	10	0	0	6	0	0	0	0	0
Rentachintala	93·2	+3·6	117	3	83·4	+1·4	73	17	0·84	4·23	+0·60	2·03	17	9	+2·4	12·1	10·7	+0·2	9	0	0	7	0	0	0	0	0
Rayalaseema.																											
Arogyavaram	91·4	..	99	4	74·1	..	70	11	0·90	1·61	..	0·66	11	5	..	11·0	9·3	..	8	0	0	4	0	0	0	0	0
Cuddapah	101·4	+1·5	111	4	82·7	+2·2	76	21	0·05	0·52	−2·43	0·36	4	1	−3·8	4·3	4·1	−2·7	7	0	0	0	0	0	0	0	0
Bellary	94·9	+0·3	105	4,17	77·4	+1·4	72	10	0·60	2·00	+0·30	0·70	10	5	+1·7	11·0	9·9	+2·0	10	0	0	3	0	0	0	0	0
Kurnool	98·1	+1·0	111	4	78·1	+1·2	72	21	0·09	2·09	−0·84	0·52	26	6	+0·5	14·7	15·0	+4·9	6	0	0	1	0	0	0	0	0
Anantapur	97·7	..	107	4	77·5	..	69	7	0	2·41	+0·29	1·50	11	2	−1·3	13·8	12·8	..	4	0	0	3	0	0	0	0	0
Tamilnad.																											
Palayamcottai	100·3	..	108	1	82·4	..	78	25,27	0	0·09	−0·32	0·09	17	0	−1·1	8·0	8·7	..	1	0	0	3	0	0	0	0	0
Pamban	89·9	−0·3	94	16	83·5	+3·3	78	26	0	1·06	+0·91	1·06	16	1	+0·7	18·0	12·4	+0·5	1	0	0	0	0	0	0	0	0
Mathurai	99·4	+2·3	105	2,3,13	79·5	+1·5	73	5	0·74	3·77	+2·20	2·00	5	2	−0·5	6·2	5·0	+0·1	6	0	0	5	0	0	0	0	0
Nagapattinam	98·3	+0·6	106	12	81·4	+1·6	74	14	0·03	2·70	+1·47	2·62	14	1	−1·2	11·1	9·9	+3·4	3	0	0	1	0	0	0	0	0
Tiruchirapalli	98·3	−0·4	103	4 days	79·3	+0·4	71	28	0·51	1·33	−0·29	0·64	27	4	+1·6	16·4	15·5	−0·7	5	0	0	4	0	0	0	0	0
Coimbatore	87·1	+1·7	93	3,5	73·6	+1·4	70	18	0·93	3·09	+1·57	0·69	3	6	+1·8	12·5	10·2	+4·0	9	0	0	2	0	0	0	0	0
Coimbatore (Peelamedu Aerodrome).	89·5	..	95	2,3	73·2	..	69	19	1·62	2·23	..	0·65	17	6	..	21·1	19·0	..	13	0	0	9	0	0	0	1	0
Salem	94·5	−0·8	101	13	76·4	+1·5	70	27	0·68	6·62	+3·49	2·37	25	8	+2·6	6·1	6·0	+1·6	11	0	0	9	0	0	0	0	0
Kallakurichi	99·0	..	105	4	80·0	..	76	14,25	0·17	2·68	..	1·55	10	5	..	..	..	..	8	0	0	10	0	0	0	0	0
Cuddalore	98·2	−0·4	106	2,11	81·4	+1·1	71	25	0·17	3·26	+1·87	1·51	25	5	+3·4	9·2	8·6	−3·3	6	0	0	5	0	2	0	0	0
Vellore	98·7	+1·5	108	2	80·1	+1·4	73	25	1·16	1·94	−0·83	0·75	25	6	+1·1	8·9	6·8	+1·5	8	0	0	10	0	0	0	1	0
Madras	100·3	+0·7	109	4	82·5	+1·4	73	25	0·14	0·56	−1·30	0·23	25	2	−1·7	14·9	13·0	+2·1	5	0	0	1	0	1	0	0	2
Madras (Nungambakkam).	99·1	..	108	9	82·8	..	75	25,27	..	0·37	..	0·17	27	2	..	..	7·7	..	4	0	0	0	0	0	0	0	0
Malabar & South Kanara.																											
Mangalore	87·5	+2·9	92	10	77·9	+3·0	73	15,18,20	7·13	17·35	−19·73	2·81	20	16	−8·6	7·4	6·7	+1·3	20	0	0	9	0	0	0	0	0
Kozhikode	88·0	+3·3	92	2,3	76·8	+1·7	73	18,22,23	7·30	18·11	−14·97	3·36	10	20	−4·1	9·4	7·1	+0·6	25	0	0	7	0	0	0	0	0
Palghat	87·9	..	95	1,3	75·1	..	71	18,30	4·29	7·60	..	0·75	27	18	..	11·3	9·3	..	22	0	0	8	0	0	0	0	0
Mysore.																											
Chitaldrug	89 3	+2·2	99	4	71·6	+1·4	68	18	1·02	1·20	−1·39	0·52	18	3	−2·2	10·8	9·4	+1·7	7	0	0	1	0	0	0	0	0
Shimoga	87·4	..	97	3	72·3	..	67	30	1·71	5·19	..	1·18	20	8	..	7·5	5·9	..	12	0	0	2	0	0	0	0	0
Hassan	83·3	+2·3	94	4,6	67·9	+1·5	65	30	2 24	3·06	−0·56	0·72	23	8	−1·3	12·8	10·4	+3·4	9	0	0	2	0	0	0	0	0
Bangalore (Central Observatory).	86·5	+2·1	95	4,5	68·5	+1·8	65	11	1·02	2·90	+0·04	0·82	25	9	+3·1	12·9	10·5	+2·3	13	0	0	9	0	0	0	0	0
Bangalore (Aerodrome).	87·1	..	96	3	68·2	..	65	11	0·47	4·04	..	1·72	11	7	..	..	..	..	10	0	0	10	0	0	0	0	0
Mysore	86·8	+1·9	97	3	70·1	+2·0	68	18,22	1·37	2·37	−0·09	0·97	8	8	+2·2	12·2	9·8	+1·0	10	0	0	3	0	0	0	0	0
Balehonnur	82·4	+5·5	91	6	66·8	+1·0	63	18,20,30	..	15·36	−1·68	4·51	20	11	−10·1	..	..	..	..	..	..	..	..	..	..	..	..
Travancore-Cochin.																											
Fort Cochin	86·0	+1·8	89	9	77·4	+2·3	74	18	2·54	11·40	−17·08	3·55	7	17	−7·3	7·9	6·4	+1·7	23	0	0	10	0	0	0	0	3
Cochin (Willingdon Island Aerodrome).	86·6	..	90	2	76·9	..	74	5 days	3·20	14·30	..	3·74	7	20	..	5·6	3·6		23	0	0	14	0	0	0	0	0
Alleppey	87·9	..	91	2,5	77·1	..	74	4 days	5·31	11·60	..	2·50	10	14	..	9·0	7·3	..	22	0	0	7	0	0	0	1	1
Trivandrum	87·3	+2·2	94	4	76·6	+2·0	72	10	3·43	10·69	−2·49	3·30	7	13	−4·1	9·6	6·6	+1·3	14	0	0	5	0	0	0	0	0

on 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
Stations excluded-Kashmir.																												
himа	75·7	..	83	20,21	65·7	..	59	1	8·86	14·66	..	1·75	8	19	..	2·7	2·3	..	28	0	0	6	20	0	0	0	0	0
al	77·1	..	81	5 days	65·1	..	59	2	12·23	24·80	..	3·23	18	23	..	5·6	6·2	..	28	0	0	10	0	0	0	0	0	0
illong	74·4	−0·1	80	20	63·2	+0·2	59	14,15	8·50	17·36	−0·80	2·48	25	25	+5·0	3·4	2·5	−0·3	27	0	0	13	4	0	0	0	0	0
erapunji	71·4	−0·6	79	20	63·0	−1·3	56	2	26·60	87·81	−18·24	16·26	26	26	+1·0	7·1	6·6	+0·7	27	0	0	5	17	0	0	0	0	0
rjiling	65·2	+0·3	70	20	57·1	+0·6	53	8	9·34	26·52	+2·34	4·74	7	21	0	5·1	5·1	+1·2	27	0	0	4	23	0	0	0	0	0
rjiling (Rajbawan)	67·0	..	71	23	58·8	..	54	8	8·84	24·45	..	4·17	22	19	..	1·4	1·5	..	27	0	0	10	30	0	0	0	0	0
limpong	74·9	−0·3	82	20	66 5	+0·2	63	9,10	2·83	17·56	+3·01	3·60	23,26	14	−2·4	0·5	0·2	−5·6	15	0	0	0	11	0	0	0	0	0
tmandu	84·6	−0·2	98	1	67·2	+0·5	63	2,8	4·00	7·83	−1·85	1·55	30	16	+0·2	2·5	1·5	+0·2	25	0	0	18	.	0	0	0	0	0
ikteswar (Kumaon)	75·4	+2·2	84	1	60·5	+2·5	53	15	0·83	4·51	−2·83	1·45	24	10	−0·1	12·7	12·3	+6·1	11	0	0	11	8	0	0	0	0	0
inital	75·0	..	83	1,3	63·9	..	58	17	4·05	23·27	..	5·16	27	14	..	6·8	5·4	..	15	0	0	1	0	1	0	0	0	0
kpal	49·9	..	51	12 days	35·6	..	31	1,8,9	..	7·48	..	1·20	22	13	..	..	..	..	..	..	..	..	..	..	..	..	..	..
nuna Chetty	..	..	..	..	..	..	..	..	..	5·92	..	2·00	18	9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
ssooree	76·0	+0·9	85	1	63·2	+2·2	53	15,16	2·11	9·47	+0·69	2·11	21	12	+1·8	5·0	3·8	−1·7	14	0	0	11	10	0	0	0	0	0
arsali	..	..	..	..	..	..	..	..	..	2·92	..	0·56	22	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
na	..	..	..	..	..	..	..	..	..	4·17	..	0·87	22	9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
nla	75·8	+0·7	83	4 days	62·4	+2·3	52	15	4·11	8·76	+2·72	1·54	28	14	+4·2	3·2	2·3	−0·8	15	0	0	9	8	1	0	0	0	0
arampore	..	..	..	..	..	..	..	..	..	10·13	+5·13	3·60	29	13	+6·5	..	..	..	..	..	..	..	..	..	..	..	..	..
elang	..	..	..	..	..	..	..	..	..	1·48	+0·50	0·80	14	3	+0·6	..	..	..	..	..	..	..	..	..	..	..	..	..
ndla	..	..	..	..	..	..	..	..	..	1·14	..	0·71	14	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
thi	..	..	..	..	..	..	..	..	..	4·93	..	1·70	14	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
ksar	..	..	..	..	..	..	..	..	..	3·78	..	0·80	23,24	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
lhousie	80·4	..	94	11	65 8	..	53	15	2·09	6·55	+1·44	2·13	22	10	+3·1	1·3	2·2	..	12	0	0	6	9	0	0	0	0	0
aramshala	90·1	..	100	11	73·9	..	65	15	2·92	8·64	..	1·45	19	11	..	5·3	3·6	..	12	0	0	10	0	2	0	0	0	0
chmarhi	92·0	+4·2	103	6	75·3	+3·3	68	25,27	0·41	5·21	−3·83	3·83	22	6	−4·3	5·8	5·3	−0·9	12	0	0	9	1	0	0	0	0	0
u	85·3	+1·7	94	22	70·7	+2·1	66	24,25	2·15	3·68	−0·97	1·54	24	6	+0·2	9·0	8·9	+0·9	11	0	0	0	9	0	0	0	0	0
ahabaleshwar	75·3	+4·8	90	5	..	..	..	..	20·95	57·68	+14·99	7·38	30	16	−6·2	9·9	10·7	+0·5	18	0	0	0	20	0	0	0	0	0
ndi Hills*																												
ercara	74·5	+2·3	83	6	64·4	+1·2	62	4 days	12·06	20·99	−4·51	4·80	21	16	−7·2	9·7	8·7	+3·0	18	0	0	0	0	0	0	0	0	0
odaikanal	67·9	+3·3	74	3	55·0	+1·8	52	4 days	1·69	4·46	+0·22	1·50	6	8	−1·9	9·1	9·9	+0·5	15	0	0	13	0	0	0	0	0	0
otacamund	67·0	+2·9	76	2	53·0	+0·6	48	30	5·75	13·02	+6·45	3·41	21	14	−0·1	9·1	7·3	+2·0	17	0	0	5	0	0	0	1	0	0
onoor	71·5	−1·1	82	2,3,4	59·8	+0·7	58	13,14	..	3·94	+1·13	0·73	21	8	+2·0	..	5·6	+1·2	10	0	0	4	0	0	0	0	0	0
im.																												
angu	..	..	..	..	..	..	..	..	..	3·51	..	0·45	30	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..
ungthang	..	..	..	..	..	..	..	..	..	7·35	..	1·30	28	17	..	..	..	..	..	..	..	..	..	..	..	..	..	..
chen	56·2	..	60	28	39·8	..	30	2,4	..	12 45	..	1·60	26	25	..	..	..	..	..	..	..	..	..	..	..	..	..	..
et.																												
tung (Chumbi)	68·4	+4·4	72	19,20,28	36·5	−12·3	33	5,6,9	..	2·68	−3·04	0·50	27,30	9	−4·9	..	..	..	..	..	..	..	..	..	..	..	..	..
asa	73·8	..	82	5,24	48·2	..	40	6,10	..	3·14	..	0·80	7	6	..	..	..	..	11	0	0	2	0	0	0	0	0	0
yantse	73·3	+3·5	82	25	43·2	+1·2	30	12	..	0·77	−0·80	0·34	18	2	−2·5	..	0	−3·3	8	0	0	0	0	0	0	0	0	0
lon.																												
olombo	87·0	+1·0	90	4	78·8	+1·5	75	6,24	2·08	9·88	+1·51	5·70	6	5	−9·0	..	..	..	13	0	0	0	0	0	0	0	0	0
incomalee	92·3	−0·1	101	3	81·5	+3·0	75	16	1·46	2·30	+1·36	1·41	16	3	−1·4	..	..	..	4	0	0	2	0	0	0	0	0	0
tticoloa	92·4	..	99	11	78·3	..	75	15	0	0·29	..	0·27	25	1	..	..	..	..	2	0	0	2	0	0	0	0	0	0
ambantota	88·7	+2·0	98	12	78·5	+1·6	73	18	0·84	1·46	−0·63	0·79	18	3	−2·8	..	..	..	11	0	0	1	0	0	0	0	0	0
annar	89·0	..	92	11	81·4	..	78	14	0	0·10	..	0·10	14	1	..	..	..	..	1	0	0	0	0	0	0	0	0	0
DROMETEORO-GICAL OBSER-ATORIES.																												
nodar Catchment																												
okaro	97·0	..	113	1,2	78·7	..	70	4	6·61	8·68	..	1·45	13	13	..	4·8	6·0	..	20	0	0	14	1	0	0	0	0	0
azaribagh	93·2	..	108	2	75·9	..	72	22,23,29	6·35	9·69	..	3·10	13	11	..	9·9	6·7	..	15	0	1	13	0	0	0	0	0	0
arbi	96·8	..	111	1,2	79·4	..	75	4 days	2·08	4·96	..	1·28	26	9	..	..	..	..	11	..	..	..	..	..	..	..	..	..
amgarh	97·9	..	114	2,3	78·5	..	75	23,29	5·79	9·14	..	3·00	23	12	..	5·2	3·6	..	14	..	..	..	..	..	..	..	..	..
hanbad	96·7	..	114	2	78·9	..	69	10	3·42	7·99	..	2·28	28	11	..	10·0	8·3	..	14	0	0	12	0	1	0	0	0	0
asansol	..	..	..	..	..	..	..	..	..	7·76	..	1·61	2	13	..	..	..	..	17	..	..	..	..	..	..	..	..	..
hanwar	..	..	..	..	..	..	..	..	..	8·84	..	1·80	27	12	..	..	..	..	15	..	..	..	..	..	..	..	..	..
umri	..	..	..	..	..	..	..	..	..	5·62	..	2·00	26	12	..	..	..	..	16	..	..	..	..	..	..	..	..	..
ishungarh	..	..	..	..	..	..	..	..	..	6·64	..	1·62	2	13	..	..	..	..	21	..	..	..	..	..	..	..	..	..
algunj (Giridih)	..	..	..	..	..	..	..	..	..	9·65	..	2·30	28	12	..	..	..	..	15	..	..	..	..	..	..	..	..	..
handwa	..	..	..	..	..	..	..	..	..	9·49	..	2·07	29	10	..	..	..	..	13	..	..	..	..	..	..	..	..	..
upunki (Chas Road)	..	..	..	..	..	..	..	..	..	7·80	..	2·08	23	11	..	..	..	..	16	..	..	..	..	..	..	..	..	..

* 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 wit								
	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.*																											
Mahanadi Catchment.																											
Baramul . .	99·0	..	112	7,8	81·0	..	76	13	2·79	4·13	..	1·17	19	9	..	3·0	2·5	..	12	..	..	..	..	..	..	..	..
Hirakud . . .	104·2	..	117	2,3	83·9	...	76	21,27	0·65	2·39	..	0·82	27	7	...	3·9	2·7	..	12	..	..	...	..	..	..	..	..
Barkachhar . .	101·1	..	114	2,9	81·5	..	74	15,18,19	3·70	6·86	..	2·61	20	6	..	9.0	6·6	..	6	..	..	6	..	..	..	..	..
Sonepur . . .	102·6	..	116	3	83·9	..	75	30	..	3·13	..	0·77	30	7	..	..	6·7	..	11	..	..	..	..	..	..	..	..
Ginabahar . .	98·6	..	113	2,3	78·2	..	73	4 days	..	2·96	..	1·00	26	6	..	..	..	..	7	..	..	..	..	..	..	..	..
Ganga Catchment.																											
Tapoban (R)																											
Badrinath . .	64·6	..	71	4 days	45·0	..	40	1,2,3	..	1·92	..	0·30	13,22	10	..	..	..	..	11	..	..	..	..	..	..	..	..
Narbada Catchment.																											
Punasa . . .	102·8	..	115	6,7	80·3	..	75	15,16	1·00	2·23	..	0·93	20	4	..	12·1	9·1	.	10	..	..	8	..	..	..	..	..
Bagra Tawa . .	103·6	..	115	6,7	83·1	..	74	16	1.23	2·55	..	0·90	20	4	..	8·6	6·8	..	9	..	..	3	..	3	..	..	.
Thikri . . .	102·6	..	114	6,7	80·1	..	73	20,24	..	5·28	..	3·68	20	4	..	..	..	..	10	..	..	..	..	..	..	..	..
Tapti Catchment.																											
Nandurbar . .	97·8	..	109	6,13	78·7	..	73	20,21	..	7·75	..	3·15	20	10	..	..	..	..	12	..	..	..	..	..	..	..	..
Sabarmati Catchment.																											
Jhadol . . .	100·5	..	109	6,7	77·2	..	72	4 days	..	2·82	..	0·96	18	4	..	..	..	..	4	..	..	..	..	..	..	..	..
Dharoi . . .	..	..	..	..	..	..	..	..	..	1·62	..	0·53	24	5	..	..	..	..	9	..	..	..	..	..	..	..	..

(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 %.	Departure from normal.	Cloud amount (Oktas).		Mean wind speed, miles per hour.	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
Islands.																										
ble Island . . (R)	0830	108																								
(R)	1730	"																								
aya Bandar . . .	0830	76	1007·1	1004·5	..	81·5	78·9	77·4	32·7	88	..	6·9	..	8·1	0	0	27	0	0	0	1	4	13	7	2	3
	1730	"	1005·4	1002·8	..	80·0	79·8	77·0	31·9	90	..	6·6	..	7·3	0	0	25	0	0	0	0	3	15	7	0	5
ng Island	0830	110	1007·1	1003·4	..	81·3	78·9	77·1	32·5	86	..	6·3	..	2·9	0	0	26	0	0	0	5	7	14	0	0	4
	1730	"	1005·3	1001·2	..	80·2	78·4	76·7	32·1	89	..	6·3	..	2·2	0	0	19	0	0	0	3	1	14	1	0	11
rt Blair	0530	259	1006·3	997·3	..	77·8	76·0	75·3	28·1	92	..	7·4	..	10·1	0	10	20	0	0	0	0	3	17	10	0	0
	0830	"	1007·5	998·6	0	80·8	77·7	76·4	31·2	87	+5	7·5	+0·8	13·0	0	13	17	0	0	0	0	3	18	9	0	0
	1130	"	1006·8	997·9	..	82·4	78·3	76·6	31·3	83	..	7·5	..	14·6	0	17	13	0	0	0	0	4	18	7	1	0
	1730	"	1005·6	996·7	..	79·5	77·0	75·9	30·5	89	..	7·2	..	10·9	0	8	21	0	0	0	0	2	17	10	0	1
	2330	"	1007·0	998·1	..	79·2	76·8	75·9	30·2	91	..	6·7	..	10·7	0	10	19	0	0	0	0	5	16	8	0	1
ondul	0830	30	1009·5	1008·5	..	83·5	78·3	76·2	31·0	79	..	7·4	..	6.1	0	1	27	0	4	4	8	0	2	2	8	2
	1730	"	1007·5	1006·4	..	81·4	77·6	75·9	30·3	84	..	6·9	..	4·9	0	1	21	0	1	3	9	1	1	0	7	8
ar Nicobar	0830	33	1008·3	1007·1	..	82·7	78·8	77·2	31·7	84	..	6·9	..	4·3	0	0	30	0	0	0	1	1	22	3	3	0
	1730	"	1006·4	1005·2	..	81·2	77·7	76·1	30·8	85	..	6·5	..	2·5	0	0	26	0	0	0	2	1	18	2	3	4
ncowry	0830	70	1008·6	1006·2	..	82·7	77·9	75·5	30·2	80	..	6·1	..	9·5	0	5	25	0	0	0	0	2	26	2	0	0
	1730	"	1006·8	1004·4	..	80·8	77·0	75·3	29·7	83	..	6·5	..	8·9	0	4	24	0	0	0	0	2	23	2	1	2
am.																										
brugarh	0830	348	1003·2	991·3	−0·3	81·0	77·6	76·1	30·6	86	−1	6·2	0	1·2	0	0	18	3	1	5	1	0	1	1	6	12
	1730	"	999·4	987·6	..	84·3	79·2	77·1	32·3	79	..	5·5	..	0·8	0	0	13	0	1	2	1	2	6	0	1	17
ibrugarh (Mohanbati Aerodrome).	0230	364	1001·5	989·0	..	77·3	75·9	75·3	29·8	93	..	6·4	..	0·9	0	0	10	0	7	1	0	1	1	0	0	20
	0530	"	1002·7	990·2	..	77·2	75·7	75·0	29·7	93	..	7·1	..	0·8	0	0	10	0	9	0	0	0	0	1	0	20
	0830	"	1003·5	991.0	..	81·5	77·5	75·5	30·4	83	..	6·7	..	1·4	0	0	21	0	10	7	1	1	1	1	0	9
	1130	"	1002·2	989·8	..	85·4	78·9	76·0	30·8	74	..	6·3	..	2·2	0	0	28	4	12	4	1	2	2	3	0	2
	1730	"	999·5	987·1	..	85·1	78·6	75·6	30·4	74	..	5·7	..	1·1	0	0	14	2	5	1	0	0	3	1	2	16
	2330	"	1001·8	989·3	..	78·9	76·8	76·1	30·7	91	..	6·2	..	0·7	0	0	7	0	6	0	0	1	0	0	0	23
bsagar	0830	317	1003·3	992·5	+0·1	83·1	78·7	76·9	31·4	82	−3	6.7	−0·3	2·5	0	0	26	5	7	1	2	3	4	1	3	4
	1730	"	999·3	988·5	..	85·1	79·4	77·5	32·0	79	..	6.0	..	2·0	0	0	21	4	6	1	3	2	1	0	4	9
zpur	0830	258	1003·4	994·6	+0·1	82·6	79·0	77·5	32·4	85	+1	5·0	−1·2	1·8	0	0	27	0	3	16	6	0	2	0	0	3
	1730	"	999·1	990·4	..	83·1	80·4	72·9	34·5	77	..	4·0	..	0·5	0	0	7	0	0	2	3	0	0	2	0	23
zpur (P.B.O.) . . .	0230	257	1001·4	992·5	..	78·4	77·0	76·5	30·9	94	..	5·8	..	1·7	0	0	14	2	4	5	0	2	0	1	0	16
	0530	"	1002·4	993·6	..	78·5	77·0	76·4	32·0	93	..	6·7	..	1·8	0	0	19	3	6	5	0	0	4	0	1	11
	0830	"	1003·3	994·5	..	82·7	78·3	76·7	31·0	82	..	6·5	..	2·3	0	0	24	2	6	10	2	1	1	2	0	6
	1130	"	1002·4	993·6	..	85·9	79·4	76·8	31·4	75	..	5·4	..	3·1	0	0	26	3	9	4	1	1	5	2	1	4
	1730	"	999·3	990·6	..	84·8	79·1	76·7	30·9	77	..	5·1	..	1·0	0	0	10	1	3	2	1	0	2	0	1	20
	2330	"	1001·8	992·9	..	79·9	77·9	77·2	32·8	91	..	5·0	..	1·5	0	0	14	2	5	3	1	2	0	1	0	16
auhati	0830	162	1002·8	996·3	0	81·9	78·2	76·5	31·6	83	+1	6·4	+0·2	1·9	0	0	27	3	7	4	3	3	2	3	2	3
	1730	"	998·3	992·3	..	84·8	79·5	77·3	31·7	79	..	5·9	..	1·5	0	0	22	1	5	1	7	2	4	1	1	8
auhati (Kaikuchi Aerodrome).	0230	162	1000·7	995·1	..	77·9	77·0	76·6	31·2	95	..	5·6	..	1·5	0	0	14	2	6	1	1	2	2	0	0	16
	0530	,,	1001·4	995·8	..	77·9	77·0	76·4	32·2	95	..	8·0	..	1·8	0	0	17	0	8	0	1	4	3	0	1	13
	0830	"	1002·6	997·0	..	81·9	78·5	77·0	31·6	86	..	6·8	..	3·3	0	0	23	1	13	3	0	1	2	0	3	7
	1130	"	1001·7	996·2	..	85·5	80·0	77·7	32·5	79	..	6·2	..	4·5	0	0	28	10	8	1	0	0	2	3	4	2
	1730	"	998·9	993·3	..	83·7	79·2	77·6	32·1	83	..	5·7	..	2·5	0	1	21	2	2	0	0	4	8	5	1	8
	2330	"	1001·1	995·5	..	79·7	78·0	77·4	33·4	93	..	5·6	..	1·9	0	0	13	0	5	1	1	4	1	0	1	17
hubri	0830	115	1003·2	999·0	+0·7	81·1	78.1	76·9	31·5	88	+2	6·3	+0·2	4·4	0	1	25	5	1	11	3	6	0	0	0	4
	1730	"	999·6	995·7	..	83·2	79·5	78·0	33·0	85	..	4·8	..	3·7	0	1	22	3	2	5	3	5	2	3	0	7
ilchar	0830	96	1003·8	1000·5	+0·2	80·6	77·8	76·5	31·0	88	+4	6·1	0	0·8	0	0	11	0	4	4	0	1	0	1	1	19
	1730	"	1000·1	996·8	..	84·0	79·1	76·9	31·6	80	..	5·7	..	0·9	0	0	12	0	3	1	0	2	4	2	0	18
ira	0830	1215	1003·8	962·6	..	78·0	75·3	73·7	29·0	87	..	7·5	..	2·3	0	0	17	2	4	0	0	4	5	1	1	13
	1730	"	999·4	958·6	..	81·1	77·9	76·1	31·5	86	..	6·6	..	2·3	0	0	17	0	0	0	5	3	7	2	0	13
unding	0830	488	1003·3	986·8	..	84·3	77·7	75·1	29·6	75	−6	3·6	..	1·7	0	0	19	0	5	3	5	4	1	0	1	11
	1730	"	1001·5	984·0	..	86·3	78·9	75·5	30·2	70	..	4·4	..	2·0	0	0	19	1	1	2	2	4	2	1	6	11
Agartala . . . (R)	0230	52																								
	0530	"	1001·1	999·3	..	77·5	76·5	76·1	30·7	96	..	7·0	..	6·3	0	2	24	0	1	4	16	4	1	0	0	4
	0830	"	1002·0	1000·2	..	82·7	78·7	77·1	31·7	84	..	6·8	..	9·2	0	6	23	0	0	2	18	9	0	0	0	1
	1130	"	1001·6	999·9	..	85·7	80·0	77·4	32·7	78	..	7·0	..	10·4	0	8	22	0	1	1	10	11	4	1	2	0
	1730	"	999·0	997·2	..	82·7	78·7	77·0	31·7	83	..	6·9	..	8·4	0	4	23	1	1	1	8	12	2	2	0	3
(R)	2330	"																								

(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 %.	Departure from normal.	Cloud amount (Oktas).		Mean wind speed, miles per hour.	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
Assam—*contd.*																										
Imphal	0830	2628	896·2	917·3	..	78·6	74·1	72·1	26·7	81	..	6·9	..	1·9	0	0	21	0	0	7	6	4	2	1	1	9
	1130	"	895·7	916·6	..	81·8	75·6	73·2	27·7	76	..	6·7	..	2·9	0	0	20	1	2	5	1	6	5	0	0	10
	1730	"	893·0	913·9	..	79·0	73·7	71·7	25·7	79	..	6·3	..	4·2	0	0	27	1	2	2	4	5	5	7	1	3
West Bengal.																										
Dum Dum	0230	33	998·8	997·7	..	80·8	78·2	76·9	32·0	88	..	5·2	..	7·8	0	4	24	0	1	4	7	9	5	2	0	2
	0530	"	999·1	997·9	..	80·4	78·2	77·1	32·3	89	..	6·5	..	8·1	0	3	25	1	2	10	5	5	4	1	0	2
	0830	"	1000·3	999·2	..	85·5	80·0	77·7	32·5	78	..	6·6	..	12·2	0	10	19	0	0	7	7	8	6	1	0	1
	1130	"	999·9	998·8	..	90·0	81·2	77·6	32·0	68	..	6·5	..	13·6	0	15	15	0	0	5	4	12	7	2	0	0
	1730	"	997·6	996·4	..	85·6	79·6	77·2	31·8	77	..	6·8	..	3·2	0	15	15	0	0	3	7	13	4	1	2	0
	2330	"	999·5	998.4	..	80·8	78·1	76·7	32·0	88	..	5·8	..	9·2	0	4	24	0	1	4	10	8	5	0	0	2
Calcutta	0830	21	1000·4	999·7	−0·3	85·8	81·0	79·1	33·7	81	+2	5·8	−0·3	5·7	0	0	27	0	5	4	5	3	10	0	0	3
	1730	"	997·8	997·1	..	86·0	80·7	78·4	33·1	79	..	6·2	..	6·0	0	2	26	1	2	5	6	7	5	1	1	2
Barrackpore	0530	23	999·3	998·5	..	80·8	78·9	78·1	32·7	91	..	6·4	..	3·7	0	0	26	0	1	11	6	5	2	1	0	4
	0830	"	1000·4	999·7	..	85·8	81·2	79·6	34·5	82	..	6·3	..	6 5	0	1	28	0	1	9	6	8	5	0	0	1
	1130	"	999·9	999·2	..	90·3	82·5	79·5	34·1	72	..	6·2	..	8·4	0	8	22	0	2	6	6	9	5	2	0	0
	1730	"	997·7	997·0	..	85·8	80·7	78·9	33·7	80	..	6·0	..	7·6	0	3	27	0	0	5	9	11	2	3	0	0
	2330	"	999·6	998·9	..	81·2	78·5	77·7	32·4	89	..	5·5	..	5·3	0	2	27	0	1	7	7	12	2	0	0	1
Saugor Island	0830	10	1000·0	999·7	−0·6	86·3	83·3	82·0	37·6	87	+9	6·4	−0·1	24·3	2	25	3	0	2	5	3	9	10	0	1	0
	1730	"	997·4	997·1	..	86·0	83.3	82·2	38·1	89	..	6·2	..	24·1	0	30	0	0	2	2	8	11	6	0	1	0
Sandheads	0530	32	998·5	997·4	..	84·5	81·5	80·1	33·7	87	..	7·8	..	14·0	0	19	10	0	0	1	5	6	15	2	0	1
	0830	"	1000·3	999·2	−0·8	85·3	81·8	80·4	35·5	85	+5	7·2	+1·5	14·7	0	22	7	0	0	1	4	6	16	1	1	1
	1130	"	999·9	998·8	..	86.0	81·9	80·3	35·5	83	..	6·9	..	14·1	0	19	11	0	0	1	6	6	15	2	0	0
	1730	"	997·5	996·4	..	85·4	82·0	80·6	35·6	86	..	6·6	..	16·5	0	19	11	0	0	0	6	12	11	1	0	0
	2330	"	999·4	998·3	..	83·8	80·8	79·5	34·6	87	.	5·0	..	16·6	0	23	7	0	1	0	8	10	9	1	1	0
Midnapore	0830	149	999·9	994·8	−0·6	86·1	80·3	78·3	32·4	78	0	4·5	−0·5	4·1	0	0	26	0	0	4	1	16	4	1	0	4
	1730	"	997·4	992·7	..	85·0	79·8	77·9	32·7	81	..	6·2	..	3·6	0	0	25	1	4	0	3	12	5	0	0	5
Contai	0830	35	999·9	998·7	..	85·5	81·8	80·5	35·6	85	.	6·9	..	9·4	0	7	22	0	3	3	2	4	15	1	1	1
	1730	"	997·5	996·3	..	85·3	82.0	79·8	35·4	84	.	7·1	..	13·7	0	11	18	0	0	2	5	7	14	0	1	1
Burdwan	0830	106	999·9	996·3	−0·6	84·4	80·0	77·9	32·8	79	−1	1·2	−4·7	2·7	0	0	30	0	3	3	10	3	11	0	0	0
	1730	"	997·1	993·5	..	87·7	81·0	78·1	33·4	73	.	2·1	..	3·9	0	0	28	0	2	0	14	3	8	0	1	2
Krishnagar	0830	40	1000·4	998·8	−0·6	85·3	80·6	78·9	33·9	81	+2	6·3	+0·6	4·0	0	0	30	0	0	9	7	13	1	0	0	0
	1730	"	998·1	996·5	..	86·8	80·2	77·4	32·4	75	..	6·0	..	3·0	0	0	30	0	0	7	8	13	1	1	0	0
Asansol	0230	414	998·3	984·3	..	81·2	77·9	76·4	30·8	86	..	4·7	..	5·1	0	0	27	1	1	8	10	3	1	0	3	3
	0530	,,	998·5	984·5	..	80·1	77·5	76·3	31·2	89	..	6·3	..	4·3	0	0	28	0	1	15	9	1	1	1	0	2
	0830	"	999·7	985·7	−0·4	84·9	79·1	76·6	31·0	77	+3	6·0	+0·7	5·8	0	0	28	1	0	15	5	3	0	3	1	2
	1130	"	999·0	985·2	..	91·7	79·9	74·4	29·2	60	..	5·4	..	6·3	0	0	30	3	1	14	7	0	2	1	2	0
	1730	,,	996·4	982·5	..	88·2	78·1	73·3	28·4	66	..	6·8	..	6·5	0	0	29	2	1	14	5	1	1	3	2	1
	2330	"	999·1	985·1	..	82·3	78·2	76·3	31·2	83	..	4·8	..	5·5	0	2	27	0	1	14	9	3	0	2	0	1
Berhampore	0830	62	1000·1	998·0	−0.7	83·7	79·3	77·7	32·1	83	+2	6·7	+0·6	3·6	0	0	27	1	1	16	3	5	0	1	0	3
	1730	"	997·2	995·1	..	86·0	79·7	76·5	31·5	76	..	7·1	..	3·9	0	1	25	0	0	16	3	7	0	0	0	4
Malda	0830	103	1001·1	997·6	−0·1	83·0	78·8	77·0	32·0	83	+2	7 0	+2·0	5·9	0	0	29	0	5	12	9	1	2	0	0	1
	1730	"	997·9	994·4	..	85·2	79·8	77·6	32·1	79	..	6·4	..	5·8	0	1	28	0	7	10	5	2	3	1	1	1
Cooch Behar	0830	145	1002·4	997·7	..	81·5	77·7	75·9	30·4	84	..	7·2	..	3·1	0	0	27	0	0	10	11	3	2	1	0	2
	1730	"	999·7	994·8	..	84·1	79·3	77·5	31·7	77	..	5·7 (*b*)	..	2·3 (*b*)	0	0	24	1	0	7	9	5	0	2	0	2
Jalpaiguri	0830	271	1002·6	993·2	+0·2	80·4	76·7	74·9	30·0	84	−2	6 3	+1·5	5·7	0	1	29	4	6	16	1	1	1	0	1	0
	1730	"	998·9	989·7	..	85·4	79·1	76·1	31·1	75	..	5·4	..	4·8	0	0	30	2	6	14	4	3	1	0	0	0
Bagdogra	0530	416	1000·8	986·5	..	77·3	75·6	74·8	29·8	92	..	7·2	..	2·7	0	1	15	2	11	3	0	0	0	0	0	18
	0830	"	1002·0	987·8	..	82·2	77·4	75·2	29·6	80	..	6·9	..	7·0	0	2	25	2	8	14	3	0	0	0	0	3
	1130	"	1001·4	987·3	..	85·0	78·7	75·8	30·3	75	..	6·6	..	6·9	0	2	26	1	6	16	4	1	0	0	0	2
	1730	,,	998·2	984·1	..	84·7	78·5	75·7	30·8	76	..	5·5	..	4·5	0	0	26	2	8	13	3	0	0	0	0	4
Orissa.																										
Balasore	0830	65	999·7	997·5	−0·7	84·9	80·6	78·8	34·6	83	+6	7·5	+2·1	9·5	0	12	18	0	4	2	2	11	10	1	0	1
	1730	"	996·5	994·3	..	87·9	82·1	79·9	34·5	78	..	7·4	..	9·3	0	10	19	0	1	2	7	10	6	2	1	1
Chandbali	0830	20	1000·9	1000·2	−0·1	85·8	80·7	78·9	33·7	80	+1	6·0	+0·2	3·8	0	0	30	1	1	4	9	1	13	1	0	0
	1730	"	997·8	997·1	..	88·4	81·6	79·1	33·4	74	..	4·6	..	5·1	0	0	30	0	4	0	13	2	10	0	1	0

(*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, miles per hour.	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
sa —*contd.*																										
ri	0830	20	1000·2	999·5	−1·0	84·8	81·2	79·6	34·9	85	+4	5·9	+0·6	18·7	1	22	7	1	2	2	1	5	17	2	0	0
	1730	"	997·8	997·1	..	85·5	80·3	79·6	33·3	83	..	5·7	..	18·8	1	23	6	1	1	2	1	7	16	2	0	0
ubaneswar *	0530	150	998·0	992·8	..	81·2	78·1	76·1	31·6	87	..	6·7	..	11·0	0	7	18	0	5	0	0	1	17	2	0	0
	0830	"	1000·0	994·8	..	85·6	79·8	77·4	31·8	78	..	6·2	..	15·8	0	15	15	1	4	1	1	3	17	3	0	0
	1130	"	998·9	994·1	..	90·8	80·8	76·3	31·4	65	..	5·4	..	18·6	0	20	10	1	2	2	1	3	15	6	0	0
	1730	"	997·0	991·8	..	88·5	81·0	78·0	32·7	72	..	5·7	..	17·6	0	18	12	0	2	3	0	3	18	4	0	0
†	2330	"	998·7	993·9	..	82·2	78·6	76·6	31·9	82	..	4·9	..	16·0	0	15	11	0	1	5	1	1	14	4	0	0
ittack	0830	87	999·9	997·0	−1·2	85·5	79·6	77·1	31·7	77	+2	6·2	+0·5	2·9	0	0	13	0	2	0	1	3	6	1	0	17
	1730	"	996·8	993·9	..	90·1	81·0	77·3	32·1	67	..	5·8	..	4·5	0	0	22	1	2	0	1	7	10	0	1	8
ittack (P. B. O.)	0230	87	998·1	995·2	..	82·8	79·7	78·6	33·4	87	..	6·5	..	4·6	0	1	25	0	5	1	3	7	9	1	0	4
	0530	"	998·6	995·8	..	82·7	79·3	78·3	32·5	86	..	6·8	..	3·2	0	0	24	0	5	1	2	6	9	1	0	6
	0830	"	999·9	997·1	..	86 7	81·0	78·8	33·9	79	..	6·6	..	4·0	0	0	27	0	6	0	2	7	10	1	1	3
	1130	"	999·0	996·3	..	91·9	82·5	79·2	33·5	68	..	6 0	..	5·0	0	0	29	0	6	0	1	9	6	6	1	1
	1730	"	996·7	993·9	..	89·4	81·7	79·3	33·8	73	..	6·1	..	4·7	0	0	29	0	4	0	4	13	6	1	1	1
	2330	"	998·9	996·1	..	83·6	79·6	78·4	33·9	84	..	5·7	..	3·4	0	0	27	0	7	1	1	5	12	1	0	3
opalpur	0530	56	998·9	997·7	..	81·5	79·5	77·9	33·3	89	..	5·8	..	9·4	0	8	21	2	0	0	0	9	11	3	4	1
	0830	"	1000·4	998·5	−0·8	83·9	80·0	78·3	33·1	84	+3	5·8	+1·3	9·6	0	19	8	2	1	0	0	8	13	1	2	3
	1130	"	999·8	997·9	..	86·8	81·2	78·9	34·0	78	..	5·1	..	12·4	0	14	14	2	1	1	0	8	12	1	3	2
	1730	"	997·7	995·8	..	84·6	81·2	79·9	34·7	86	..	5·6	..	13 9	0	9	21	0	1	1	0	10	16	0	2	0
	2330	"	999·7	997·8	..	32·4	79·9	78·9	33·7	88	..	4·7	..	11·3	0	11	18	2	1	1	0	8	15	1	1	1
oraput	0830	2,996	894·1	903·2	..	75·7	71·0	66·9	24·3	73	..	5·7	..	7·0	0	0	30	1	0	1	0	3	8	12	5	0
	1730	"	891·3	900·4	..	83·6	72·8	67·8	22·8	64	..	6·2	..	7·6	0	0	30	4	0	0	1	2	7	11	5	0
ngul	0830	455	999·9	984·6	−0·6	85·0	78·7	75·9	30·3	75	+3	6·2	+0·4	6·5	0	5	22	3	4	4	5	4	3	3	1	3
	1730	"	996·0	980·9	..	93·8	77·9	70·2	25·3	52	..	6·4	..	9·0	0	6	24	2	2	6	4	4	4	6	2	0
ımbalpur	0830	486	999·0	982·7	−1·6	90·3	81·4	77·7	32·4	68	+2	4·8	−0·4	4·7	0	9	26	1	1	3	4	3	9	4	1	4
	1730	"	995·3	979·3	..	97·8	83·1	77·6	30·7	56	..	5·6	..	6·7	0	3	27	2	2	3	3	3	8	6	3	0
ıarsuguda	0230	754	997·5	972·2	..	85·0	75·9	71·5	26·6	67	..	5·1	..	5·6	0	1	28	1	4	3	8	5	4	3	1	1
	0530	"	998·1	972·8	..	82·7	76·3	73·4	27·9	75	..	5·3	..	4·7	0	0	28	1	3	2	9	5	3	4	1	2
	0830	"	999·2	974·1	..	88·4	77·3	72·2	27·1	60	..	5·2	..	5·9	0	2	27	0	4	5	5	5	6	3	1	1
	1130	"	998·1	973·4	..	95·3	77·9	69·3	24·6	48	..	4·6	..	5·7	0	1	28	0	4	1	4	4	4	9	3	1
	1730	"	994·6	969·9	..	96·4	76·7	65·1	22·7	44	..	5·9	..	6·6	0	2	26	0	2	3	3	4	3	9	4	2
	2330	"	998·1	973·0	..	87·1	75·8	69·9	25·0	61	..	5·4	..	5·9	0	1	26	0	4	5	7	4	4	2	1	3
itilagarh	0830	691	999·5	976·9	..	88·5	73·8	66·0	22·1	61	..	4·9	..	3·2	0	0	29	2	2	0	3	7	13	1	1	1
	1730	"	995·5	972·7	..	97·0	76·1	64·2	21·1	42	..	5·2	..	1·8	0	0	27	2	2	2	4	5	6	5	1	3
ota Nagpur.																										
urulia (R)	0830	835																								
(R)	1730	"																								
mshedpur	0830	423	999·3	985·1	−0·8	86·7	79·2	75·8	30·7	71	+1	5·0	−0·4	6·6	0	4	24	1	2	8	5	0	3	6	3	2
	1730	"	996·0	981·9	..	89·0	77·5	71·6	27·0	63	..	6·6	...	7·1	0	4	25	1	3	8	5	1	5	3	3	1
mshedpur (P.B.O.)	0530	477	998·5	982·4	..	82·7	78·7	77·4	31·7	84	..	5·4	..	4·1	0	1	21	0	3	12	2	0	1	3	1	8
	0830	"	999·5	983·4	..	87·9	80·7	78·3	32.8	75	..	5·4	..	5·6	0	0	28	0	2	10	2	0	7	7	0	2
	1130	"	998·8	982·8	..	93·5	81·7	77·9	31·3	64	..	4·9	..	6·4	0	0	30	0	1	4	8	3	5	9	0	0
	1730	"	997·0	980·9	..	89·2	79·7	76·3	30·3	70	..	6·4	..	6·3	0	1	27	1	1	11	6	2	1	4	2	2
	2330	"	998·9	982·8	..	84·6	79·0	77·2	31.6	79	..	5·0	..	4·2	0	0	23	0	0	16	2	1	0	4	0	7
haibasa	0830	742	999·3	974·6	−0·3	86·3	78·5	75·0	29·4	71	+2	6·3	+1·2	2·2	0	0	21	0	4	1	0	0	12	4	0	9
	1730	"	996·3	971·6	..	90·1	76·9	72·1	25·9	62	..	7·3	..	2·6	0	0	20	1	7	1	5	2	2	1	1	10
lan ni	0830	2,150	891·7	928·7	0	82·8	74·8	71·5	26·2	72	+4	5·3	+0·3	2·6	0	0	19	0	0	5	2	8	2	2	0	11
	1730	"	889·6	926·1	..	85·7	76·3	72·6	27·0	69	..	5·6	..	2·1	0	0	14	1	1	8	1	1	1	1	0	16
lazaribagh	0830	2,006	891·1	933·0	−0·7	83·7	74·5	70·1	25·7	67	+2	7·6	+1 9	8·7	0	3	26	0	0	5	3	7	9	2	3	1
	1730	"	888·8	930·4	..	87·2	75·0	68·9	24·9	63	..	7·2	..	10·1	0	7	23	2	3	10	5	1	2	3	4	0
lazaribagh (C.W.)	0530	2,008	889·2	931·6	..	76·6	72·4	70·2	25·5	83	..	4·5	..	3·6	0	0	23	0	2	3	3	7	3	3	2	7
	0830	"	891·0	932·8	..	83·7	75·1	71·2	26 4	70	..	4·4	..	5·1	0	1	27	0	1	5	3	9	4	6	0	2
	1130	"	891·3	932·6	..	90·3	76·4	69·7	25·2	57	..	4·8	..	5·8	0	0	28	1	1	4	3	4	3	10	2	2
	1730	"	888·6	930·1	..	85·3	74·8	9·7	25·2	65	..	5·9	..	3·3	0	0	22	0	3	6	4	2	5	5	1	8
	2330	"	890·3	932·4	..	78·9	73·5	70·8	26·8	79	..	4·2	..	5·1	0	2	19	0	2	4	4	7	0	3	1	9
Daltonganj	0830	725	998·0	974·0	−1·1	93·2	76·3	66·8	23·1	47	−13	4·1	+0·6	4·0	0	0	23	0	3	8	0	1	2	7	2	7
	1730	"	994·3	970·6	..	97·2	76·2	62·3	21·3	41	..	5·2	..	5·9	0	1	28	5	2	5	3	1	0	5	8	1
ar, urnea	0830	124	1001·0	996·8	−0·1	83·0	78·5	76·5	31·3	81	−1	6·1	+0·7	2·9	0	0	28	0	2	22	2	0	1	1	0	2
	1730	"	997·6	993·4	..	86·1	79·7	77·0	31·6	74	..	4.8	..	2·9	0	0	28	0	2	17	4	0	2	3	0	2

(R) Register not received.

* Observations for 25 days.

† 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.			Mean temperature in °F.			Vapour pressure in mbs.	Relative humidity %.	Departure from normal.	Cloud amount (Oktas.).		Mean wind speed, miles per hour.	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
Bihar—*contd.*																										
Forbesganj (R)	0830	199																								
(R)	1730	"																								
Darbhanga	0830	161	1000·7	995·1	0	85·4	79·3	76·9	31·6	76	−1	6·1	+1·3	5·3	0	1	28	1	12	10	3	0	3	0	0	1
	1730	"	997·0	991·6	..	90·2	81·0	77·1	32·2	67	..	4·1	..	4·1	0	0	29	0	8	15	1	0	4	0	1	1
Motihari	0830	218	1000·7	993·4	0	85·1	79·2	76·2	31·2	76	−1	5·0	+0·9	3·5	0	0	30	0	0	25	0	0	0	5	0	0
	1730	"	996·8	989·5	..	88·9	80·5	77·2	31·6	69	..	4·0	..	1·7	0	0	22	0	0	19	1	0	0	2	0	8
Patna	0830	173	999·7	993·8	−0·3	85·7	78·9	76·1	30·4	74	+2	4·1	−0·4	6·3	0	0	30	1	18	4	2	1	2	1	1	0
	1730	"	996·4	990·6	..	91·8	79·4	73·8	28·5	60	..	4·1	..	5·9	0	0	30	0	13	8	1	2	2	3	1	0
Patna (Aerodrome)	0330	196	998·0	991·3	..	80·8	77·6	76·2	31·2	86	..	4·2	..	5·3	0	1	26	0	1	21	0	1	0	4	0	3
	0830	,,	999·2	992·5	..	85·3	79·3	76·7	31·5	77	..	4·6	..	8·4	0	3	27	0	0	22	3	0	1	3	1	0
	1130	"	998·9	992·3	..	90·4	80·3	76·0	30·9	65	..	1·8	..	9·3	0	7	22	0	3	17	3	1	1	3	1	1
	1730	"	995·6	989·0	..	91·8	79·5	73·2	28·5	61	..	4·4	..	7·6	0	1	29	0	3	18	2	0	0	4	3	0
Dehri	0830	352	998·4	986·6	..	87·5	78·3	73·7	29·2	67	..	5·0	..	4·0	0	0	30	0	10	8	3	3	3	2	1	0
	1730	"	995·0	983·4	..	94·9	77·3	65·9	24·2	45	..	5·5	..	4·0	0	0	29	0	13	7	1	1	1	0	6	1
Gaya	0230	373	996·8	984·2	..	84·3	76·8	72·8	28·1	72	..	3·5	..	7·4	0	5	20	0	7	12	1	4	1	0	0	5
	0530	"	997·4	984·7	..	83·1	76·4	72·6	28·3	74	..	5·0	..	6·8	0	3	21	1	7	10	2	2	2	0	0	6
	0830	"	998·7	986·2	−0·6	89·5	78·2	72·7	27·5	63	+10	5·0	+1·3	8·8	0	7	19	1	5	10	4	1	2	2	1	4
	1130	"	998·3	985·9	..	94·0	78·2	69·6	25·5	53	..	5·5	..	11·5	0	12	16	3	7	9	2	0	2	3	2	2
	1730	"	995·0	982·7	..	94·4	78·0	68·6	25·1	51	−1	5·7	..	9·5	0	7	20	1	11	5	2	0	2	3	3	3
	2330	"	997·8	985·2	..	85·8	78·2	74·8	29·7	71	..	3·7	..	8·5	0	5	21	0	6	13	4	1	2	0	0	4
Jamui	0830	270	999·5	990·2	..	86·8	79·7	76·4	31·6	72	..	4·7	..	4·9	0	0	28	0	0	21	4	0	0	0	3	2
	1730	"	996·7	987·5	..	89·8	80·8	76·8	31·8	69	..	5·4	..	4·7	0	0	28	0	1	14	4	0	1	0	8	2
Dumka (R)	0830	489																								
(R)	1730	"																								
Sabour	0830	122	1000·3	996·1	−0·4	84·2	79·3	76·7	31·8	81	+4	5·8	0	9·5	0	5	25	0	1	21	3	2	0	3	0	0
	1730	"	996·8	992·7	..	87·8	80·6	77·5	32·6	73	..	5·1	..	8·8	0	3	27	0	1	21	2	0	3	3	0	0
Bhagalpur	0530	160	999·1	993·4	..	80·2	77·9	76·9	31·3	90	..	5·4	..	4·3	0	0	25	0	0	20	2	1	1	1	0	5
	0830	"	1000·6	995·0	..	85·5	79·8	77·3	32·5	78	..	5·9	..	6·8	0	0	28	0	0	23	2	0	1	2	0	2
	1130	"	1000·2	994·5	..	89·7	80·7	77·9	31·7	70	..	6·5	..	6·5	0	1	29	0	0	21	3	1	1	4	0	0
	1730	"	996·9	991·3	..	88·4	80·5	77·3	31·8	71	..	5·3	..	6·1	0	2	25	0	0	18	4	1	1	3	0	3
	2330	"	999·8	994·1	..	82·6	79·1	77·5	32·4	85	..	3·2	..	4·6	0	0	23	0	1	15	4	1	1	1	0	7
U. P., East.																										
Gonda	0830	360	999·6	987·5	..	86·0	77·9	75·0	27·9	72	+3	3·9	−0·5	4·7	0	0	27	0	0	24	0	0	0	2	1	3
	1730	"	995·4	983·4	..	95·5	79·4	72·0	27·0	52	..	3·1	..	2·4	0	0	19	0	0	14	0	0	0	3	2	11
Gorakhpur	0830	254	999·6 (b)	990·9 (b)	−0·7	85·1	79·4	77·0	31·7	78	+5	3·5	+0·1	5·7	0	0	30	1	4	19	1	1	0	3	1	0
	1730	"	996·7 (g)	988·1 (g)	..	93·6	80·9	73·7	27·1	59	..	3·0	..	4·3	0	0	26	0	3	14	2	1	0	6	0	4
Gorakhpur (P.B.O.)	0230	257	997·6	988·8	..	83·0	77·1	74·0	29·1	77	..	3·3	..	6·3	0	1	27	0	10	13	1	1	1	2	0	2
	0530	"	998·2	989·5	..	80·5	76·8	74·9	29·8	84	..	4·5	..	5·3	0	0	26	2	13	9	0	0	1	1	0	4
	1130	"	999·0	990·4	..	90·4	79·7	75·0	29·8	63	..	4·6	..	6·4	0	2	27	1	6	15	2	2	2	1	0	1
	2330	,,	998·1	989·4	..	84·8	78·2	75·0	30·0	75	..	2·7	..	6·8	0	2	26	1	10	12	1	1	2	0	1	2
Azamgarh	0830	255	998·5	990·3	..	86·3	79·9	76·5	32·0	75	..	3·4	..	1·4	0	0	20	1	2	15	0	1	0	1	0	10
	1730	"	995·0 (c)	986·8 (c)	..	94·6	80·4	72·5	29·1	57	..	2·7	..	2·4	0	0	21	1	2	12	1	1	3	1	0	9
Banaras	0830	250	998·4	990·2	−0·7	87·9	79·1	74·8	30·0	68	+7	4·8	+0·8	3·7	0	3	26	3	7	11	1	1	4	1	1	1
	1730	"	994·6	986·3	..	98·5	79·5	69·7	25·7	45	..	4·9	..	3·6	0	1	29	9	5	4	1	1	1	4	5	0
Banaras (Babatpur Aerodrome)	0530	280	997·2	987·7	..	83·2	76·4	73·0	28·7	74	..	4·4	..	5·9	0	3	25	0	8	15	1	0	3	1	0	2
	0830	"	998·7	989·3	..	88·5	77·8	72·9	27·8	62	..	4·7	..	7·8	0	2	28	1	7	13	2	0	3	4	0	0
	1130	"	998·3	989·2	..	95·4	78·7	69·9	25·8	48	..	5·0	..	7·6	0	6	23	1	8	12	0	0	1	6	1	1
	1730	"	995·2	985·6	..	97·7	77·9	66·3	24·8	45	..	4·7	..	8·0	0	4	25	3	10	8	0	0	0	4	4	1
	2330	"	997·2	987·9	..	88·1	77·4	72·7	27·2	63	..	3·3	..	7·0	0	2	22	1	6	14	0	0	2	1	0	6
Allahabad (Bamrauli)	0230	322	996·2	985·6	..	87·4	76·5	70·6	25·7	61	..	2·4	..	6·1	0	2	24	1	4	10	1	0	2	5	3	4
	0530	"	996·7	986·0	..	85·5	76·2	71·2	26·2	65	..	3·5	.	6·1	0	1	27	1	11	7	1	0	3	5	0	2
	0830	"	998·4	987·7	−0·6	90·7	78·3	72·1	27·6	58	+2	3·8	0	9·8	0	10	20	1	8	8	1	2	2	6	2	1
	1130	"	998·1	987·4	..	97·7	79·6	70·4	26·8	46	..	4·4	..	10·5	0	9	21	3	5	9	0	0	1	6	6	1
	1730	"	994·5	984·0	..	99·7	79·2	68·2	24·1	43	..	3·9	..	9·7	0	5	25	5	8	4	2	0	1	4	6	1
	2330	"	997·5	986·3	..	89·8	77·7	71·1	27·3	59	..	2·5	..	6·3	0	4	19	0	6	10	2	0	2	2	1	
Fatehpur	0830	375	998·7	986·2	..	91·6	79·4	72·3	29·5	60	−2	3·8	+0·2	3·3	0	0	26	1	1	11	0	3	4	3	3	
	1730	"	994·7	982·8	..	99·5	81·8	71·8	27·9	47	..	3·7	..	3·7	0	0	28	2	5	10	0	0	1	3	7	
Banda	0830	398	998·4	985·2	..	94·2	78·1	69·9	25·6	50	..	1·6	..	3·9	0	0	25	0	2	3	2	0	5	10	3	
	1730	"	994·3	981·3	..	103·1	80·3	69·4	24·9	40	..	1·8	..	4·2	0	0	25	0	1	4	2	0	3	11	4	

(R) Register not received. (b) Mean of 29 days. (c) Mean of 28 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.			Mean temperature in °F.			Vapour pressure in mbs.	Relative humidity %.	Departure from normal.	Cloud amount (Oktas).		Mean wind speed, miles per hour.	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
East—*contd.*																										
. . . . .	0830	463	998·8 (c)	983·5 (c)	..	94·3	76·4	65·8	23·8	46	..	3·6	..	6·9	0	1	28	2	0	7	1	1	1	7	10	1
	1730	"	995·8 (c)	980·7 (c)	..	102·6	78·1	63·4	22·7	35	..	3·1	..	6·7	0	1	29	3	2	6	1	0	3	7	8	0
pur	0830	414	998·4	984·6	−0·5	90·8	76·7	63·7	25·0	53	−5	3·0	+0·8	7·7	0	4	25	2	5	13	1	1	1	4	2	1
	1730	"	994·2	980·4	..	101·1	77·6	63·3	22·5	37	..	2·3	..	8·3	0	5	24	1	4	8	1	0	1	6	8	1
know	0830	371	998·0	986·2	−0·6	87·6	79·6	75·3	31·0	70	+9	3·0	−0·8	2·1	0	0	30	0	2	12	7	0	3	5	1	0
	1730	"	994·2	982·6	..	97·4	80·1	74·3	28·4	49	..	2·4	..	2·1	0	0	29	2	2	10	2	0	0	8	5	1
know (Amausi Aerodrome).	0530	419	997·1	982·8	..	83·4	75·5	71·2	26·0	71	..	3·2	..	5·7	0	0	27	0	15	6	1	0	3	1	1	3
	0830	"	998·6	984·7	−0·5	87·8	78·0	73·2	28·8	65	+9	3·1	−0·2	0·7	0	7	23	0	5	10	8	0	2	4	1	0
	1130	"	998·2	984·3	..	94·9	79·2	74·6	27·0	49	..	3·2	..	10·4	0	10	20	0	9	4	5	0	5	4	3	0
	1730	"	994·6	980·1	..	98·3	78·0	66·0	23·3	43	..	3·4	..	10·5	0	7	23	0	7	4	2	0	2	3	12	0
doi	0830	467	998·0	982·5	..	90·5	76·5	68·4	25·3	58	..	2·2	..	1·9	0	0	28	0	2	4	16	1	0	4	1	2
	1730	"	994·9	979·5	..	100·8	81·6	65·3	28·7	30	..	1·5	..	1·7	0	0	22	3	2	2	5	0	4	3	3	8
himpur Kheri . . .	0830	483	998·9	982·7	..	87·9	78·5	73·5	29·0	64	..	3·6	..	5·7	0	0	29	0	2	6	16	0	1	2	2	1
	1730	"	994·8	978·9	..	96·8	79·0	69·0	24·5	48	..	3·4	..	2·9	0	0	22	1	0	7	5	0	2	5	2	8
raich	0830	407	999·5	985·8	+0·1	86·9	76·5	73·6	26·4	67	0	3·9	+1·1	4·5	0	0	28	0	0	13	12	0	1	1	1	2
	1730	"	994·9	981·4	..	95·6	78·6	69·2	25·5	48	..	3·3	..	2·6	0	0	25	0	3	7	8	0	2	4	1	5
West.																										
nsi	0830	823	998·5	971·4	−0·7	95·1	75·4	63·9	21·2	40	−10	1·8	−0·9	5·5	0	0	28	2	0	1	2	0	4	16	3	2
	1730	"	994·0	967·4	..	102·9	77·2	61·5	20.2	32	..	3·1	..	5·5	0	0	30	0	1	1	1	0	2	21	4	0
a	0830	553	998·5	980·2	−0·2	93·4	77·7	69·9	25·4	48	+3	1·4	−1·2	2·1	0	0	15	1	2	3	1	4	3	1	0	15
	1730	"	993·8	976·6	..	104 5	80·2	68·7	24 3	34	..	1·9	..	1·6	0	0	11	0	1	2	1	3	3	1	0	19
inpuri	0830	516	998·6	981·4	−0·1	93·2	76·6	66·3	23·7	46	−7	4·3	+1·0	5·4	0	0	29	1	1	5	5	1	3	8	5	1
	1730	"	994·4	977·6	..	102·5	79·0	63·8	23·1	34	..	4·5	0	5·0	0	0	28	1	3	4	1	0	3	10	6	2
garh	0530	615	996·9	970·6	..	86·6	73·3	63·7	22·5	54	..	3·1	..	1·9	0	0	12	0	0	6	0	0	1	2	3	18
	0830	"	998·3	977·8	..	93·2	76·2	58·9	22·9	49	−7	1·7	−0·6	5·2	0	1	23	1	0	8	0	0	1	4	10	6
	1130	"	998·0	977·9	..	100·9	78·0	65·0	22·3	36	..	2·8	..	12·4	0	14	16	0	3	4	4	0	1	2	16	0
	1730	"	994·0	974·0	..	103·6	77·3	57·8	20·5	31	..	2·4	..	7·9	0	4	24	1	3	4	2	0	0	6	12	2
	2330	"	996·5	976·0	..	90·5	75·1	65·5	22·6	47	..	1·8	..	5·3	0	3	19	1	1	9	2	0	1	8	0	8
eilly	0830	568	998·3	979·4	−0·9	90·0	76·6	69·1	25·2	56	−8	3·6	+0·3	5·3	0	1	27	0	1	11	9	1	1	4	1	2
	1730	"	994·1	976·2	..	100·5	77·3	62·0	21·4	37	..	3·2	..	4·2	0	0	27	3	0	9	2	0	0	9	4	3
eilly (P. B. O.) . . .	0230	565	996·5	977·5	..	86·6	76·6	72·3	27·1	66	..	2·8	..	5·4	0	1	25	0	2	6	10	1	0	3	4	4
	0530	"	997·2	978·1	..	84·1	76·6	73·1	27·8	72	..	3·3	..	4·0	0	0	25	1	1	14	6	0	0	1	2	5
	1130	"	998·1	979·4	..	96·6	78·1	67·8	24·9	45	..	3·5	..	5·3	0	2	27	0	4	10	8	0	0	3	4	1
	2330	"	996·6	977·6	..	89·7	78·5	73·6	28·2	63	..	2·4	..	4·9	0	1	25	0	2	6	11	0	0	5	1	4
erut	0830	728	998·4	974·1	−0·8	89·9	74·5	64·6	22·1	50	−6	2·1	−1·0	2·5	0	0	24	0	0	9	2	0	3	6	1	6
ibabad	0830	885	999·0	969·6	..	87·2	76·1	67·8	25·7	60	..	1·7	..	4·3	0	2	19	0	1	0	15	0	1	0	1	9
	1730	"	995·3	966·5	..	99·7	80·0	70·3	26·0	45	..	1·2	..	3·4	0	0	29	0	2	0	10	0	1	0	1	1
orkee	0830	899	998·6	968·6	−0·7	87·6	74·3	67·0	23·3	57	0	3·3	+0·4	1·9	0	0	25	0	0	0	19	0	0	0	1	5
	1730	"	994·1	964·5	..	98·9	76·1	61·3	20·6	39	..	2·9	..	1·5	0	0	22	0	0	0	5	0	1	0	1	8
ra Dun	0530	2,239	889·9	924·0	..	78·5	68·7	61·9	19·6	62	..	3·6	..	1·1	0	0	15	6	5	1	0	1	1	1	1	15
	0830	"	891·4	925·3	−0·7	85·3	71·5	60·7	20·1	58	−2	2·9	−0·5	1·5	0	0	22	0	1	0	4	5	7	4	1	8
	1130	"	892·0	925·4	..	90·4	72·7	61·6	19·5	47	..	3·5	..	2·3	0	0	27	0	0	1	6	6	10	3	1	3
	1730	"	889·0	922·2	..	93·5	73·1	60·2	17·9	42	..	2·6	..	2·1	0	0	26	1	2	1	1	3	8	5	5	4
	2330	"	890·0	924·2	..	82·3	70·7	63·3	19·7	59	..	2·6	..	1·6	0	0	19	8	6	0	1	1	0	3	0	11
b (I).																										
w Delhi	0230	710	995·3	972·0	..	90·0	74·6	64·8	22·1	48	..	0·9		7·6	0	5	22	0	1	6	5	0	1	12	2	3
	0530	"	996·9	972·8	..	86·5	73·3	64·7	22·1	53	..	1·6	..	8·1	0	4	25	1	0	6	4	0	1	16	1	1
	0830	"	998·0	974·3	−1·0	91·6	76·2	67·3	23·6	50	−3	1·9	−0·9	14·0	0	15	15	2	1	3	4	2	1	14	3	0
	1130	"	999 5	974·2	..	98·1	78·8	68·0	24·4	43	..	2.2	..	13·1	0	16	14	1	2	2	3	1	5	7	9	0
	1730	"	993·5	970·4	..	102·7	78·7	65·0	22·3	35	..	1·6	..	9·7	0	8	21	0	2	6	2	0	4	6	9	1
	2330	"	995·9	972·4	..	92·5	76·0	66·2	23·2	47	..	1·0	..	6·7	0	3	23	0	0	8	2	0	5	6	5	4
ner	0830	725	998·4	974·2	+0·2	89·4	75.1	67·4	23·0	51	+3	0·8	−0·7	5·9	0	0	30	0	2	3	2	2	7	8	6	0
	1730	"	994·1	970·6	..	104·1	78·4	64·2	21·3	31	..	0·4	..	5·7	0	0	26	1	3	2	1	1	5	7	6	4
rnal	0830	818	997·7	971·0	..	85·6	73·2	62·9	22·8	54	..	2·4	..	5·7	0	0	27	1	4	2	2	4	1	9	4	3
	1730	"	994·4	967·7	..	99·3	76·3	59·7	20·2	37	..	2·2	..	3·8	0	0	23	2	1	3	2	0	2	8	5	7
mbala	0830	892	997·5	967·8	−1·1	88·3	74·2	64·9	22·6	53	+6	2·7	+0·5	2·9	0	0	26	2	0	7	7	0	1	5	4	4
	1730	"	993·5	964·8	..	101·0	79·9	69·3	26·3	42	..	1·5	..	2·5	0	0	20	0	3	0	6	0	2	1	8	10

(c) Mean of 28 days.

TABLE III—SUMMARY OF OBSERVATIONS AT FIXED HOURS—JUNE 1953

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, miles per hour.	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.								Calm.
																	N	NE	E	SE	S	SW	W		
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
Punjab (I)—*contd.*																										
Ambala (P. B.O.)	0230	906	995·5	965·4	..	88·6	72·2	62·1	19·6	49	..	1·5	..	5·8	0	3	22	3	0	11	3	0	0	1	7	5
	0530	"	996·6	966·4	..	85·2	70·9	62·0	19·4	53	..	2·9	..	6·1	0	4	21	1	0	11	1	0	1	5	6	5
	1130	"	997·6	967·8	..	95·8	74·7	62·9	19·8	42	..	2·2	..	7·1	0	3	23	0	0	9	6	0	0	6	5	4
	2330	"	995·7	965·7	..	91·4	73·6	63·0	20·4	48	..	1·5	..	5·6	0	2	21	0	0	9	1	1	0	3	9	7
Patiala	0830	822	997·4	970·1	..	89·0	73·8	64·4	21·6	50	..	1·8	..	4·5	0	0	30	2	2	2	11	0	3	3	7	0
	1730	"	993·5	966·8	..	100·5	76·2	59·3	19·8	35	..	1·4	..	2·9	0	0	25	1	1	2	7	1	1	0	12	5
Ludhiana	0830	810	997·7	970·6	−0·8	88·7	75·8	66·8	24·7	51	+2	2·4	+0·5	1·6	0	0	13	1	1	5	1	1	2	2	0	17
	1730	"	993·8	967·7	..	100·1	78·3	64·8	22·9	39	..	1·3	..	1·1	0	0	13	0	2	2	1	0	1	3	4	17
Ferozepur	0830	657	997·2	975·5	..	90 3	75·1	66·1	22·8	48	..	1·4	..	3·7	0	0	23	3	3	0	3	2	9	0	3	7
	1730	"	993·7	972·0	..	102·9	76·9	62·0	19·9	31	..	0·8	..	3·3	0	0	29	5	4	1	2	2	8	0	7	1
Amritsar	0530	769	996·2	970·3	..	80·7	70·8	64·4	21·4	60	..	1·0	..	6·1	0	1	26	1	3	6	7	2	3	2	3	3
	0830	"	997·2	971·7	..	90·9	74·6	65·0	22·1	46	..	1·2	..	10·9	0	8	22	2	2	3	7	2	9	2	3	0
	1130	"	997·0	971·9	..	98·3	76·9	64·9	21·4	38	..	0·9	..	10·5	0	12	16	2	0	1	7	3	7	7	1	2
	1730	"	993·5	968·6	..	102·6	77·4	61·9	21·4	31	..	0·5	..	10·1	0	10	18	1	2	1	7	3	2	8	4	2
Pathankot	0830	1,128	997·6	960·3	..	89·8	73·2	62·3	20·7	41	..	3·1	..	1·7	0	0	20	0	6	5	5	3	0	1	0	10
	1730	"	994·5	958·1	..	101·5	75·7	59·7	18·7	30	..	4·0	..	2·9	0	0	26	1	1	0	1	3	5	7	8	4
Jammu and Kashmir.																										
Srinagar	0830	5,205	795·6	836·1	−0·4	69·8	61·7	56·9	15·7	64	−11	2·8	+0·6	2·1	0	0	15	2	0	0	8	0	1	0	4	15
	1130	"	795·8	836·4	..	78·6	64·5	56·5	16·3	48	..	3·1	..	2·9	0	0	22	1	0	1	7	1	2	1	9	8
	1730	"	793·9	834·1	..	82·8	65·3	55·7	14·9	41	..	3·7	..	2·9	0	0	19	2	2	0	1	1	2	2	9	11
Gulmarg	0830	8,709	706·7	734·7	−2·8	59·1	56·1	47·7	14·2	66	−2	2·7	0	3·9	0	0	29	3	15	3	2	1	3	1	1	1
Dras (R)	0830	10,059																								
(R)	1730	"																								
Kargil (R)	0830	8,790																								
Leh *	0530	11,529	708·0	662·3	..	48·3	38·0	23·0	4·5	38	..	2·2	..	1·4	0	0	21	0	20	0	1	0	0	0	0	8
	0830	"	707·4	666·0	+0·2	57·5	42·1	24·9	4·3	29	−13	2·5	−0·6	0·8	0	0	6	0	0	0	1	1	4	0	0	24
	1730	"	703·0	662·7	..	68·9	48·5	28·0	6·1	24	..	3·1	..	4·9	0	0	26	0	3	0	1	2	9	4	7	4
Skardu (R)	0830	7,505																								
(R)	1730	"																								
Gilgit (R)	0830	4,890																								
(R)	1730	"																								
Misgar (R)	0830	10,190																								
(R)	1730	"																								
Jammu (R)	0830																									
Rajasthan, West.																										
Sri Ganganagar	0830	580	997·1	977·5	..	93·0	75·8	64·0	22·2	41	−5	1·0	+0·3	5·5	0	2	27	1	1	5	3	4	12	3	0	1
	1730	"	992·6	973·6	..	101·8	75·9	56·2	17·4	24	..	0·6	..	3·1	0	1	27	1	3	2	2	4	7	6	3	2
Bikaner	0830	734	998·1	973·7	−0·4	90·9	74·5	64·0	21·7	45	−6	0·2	−1·1	9·2	0	4	26	0	1	1	2	1	16	2	7	6
	1730	"	993·6	969·7	..	105·8	74·9	53·9	15·7	23	..	0·3	..	8·5	0	4	26	1	4	0	2	1	16	0	6	0
Bikaner (P. B. O.)	0530	735	997·2	972·0	..	87·2	78·8	74·6	29·3	67	..	0·9	..	5·9	0	3	20	1	0	0	0	3	12	7	0	-
	1130	"	997·8	973·7	..	100·2	83·4	75·2	31·4	49	..	0·9	..	8·7	0	4	25	1	1	1	0	4	11	10	1	-
	2330	"	996.3	972·0	..	95·1	82·7	76·4	32·2	57	..	0·5	..	6·7	0	2	25	0	2	0	0	9	12	3	1	-
Jaisalmer	0830	793	998·1	971·8	..	86·8	76·2	70·7	22·2	61	..	1·3	..	22·6	1	24	5	0	1	0	1	0	27	0	1	-
	1730	"	993·5	967·9	..	102·8	78·1	63·6	22·2	34	..	1·0	..	18·9	2	21	7	0	1	0	2	0	25	0	2	-
Jodhpur	0230	736	997·6	973·0	..	88·7	74·4	66·0	23·0	50	..	1·8	..	9·7	0	8	20	0	1	0	0	0	17	8	2	-
	0530	"	998·4	973·7	..	85·5	74·4	68·1	24·2	58	..	2·3	..	9·5	0	4	24	0	2	1	0	0	18	7	0	-
	0830	"	1000·1	975·5	+1·3	88·2	75·8	68·8	24·5	56	−4	2·4	−0·4	11·3	0	10	18	0	1	1	0	0	15	10	1	-
	1130	"	999·5	975·2	..	96·6	77·1	66·4	22·8	40	..	2·6	..	12·8	0	10	20	0	1	2	0	0	18	8	1	-
	1730	"	995·3	971·4	..	102·6	76·9	61·3	24·7	30	..	2·1	..	11·5	0	9	19	0	1	2	1	1	14	8	1	-
	2330	"	997·7	973·3	..	92·2	75·4	65·7	21·9	45	..	1·6	..	7·3	0	4	23	0	1	1	0	1	17	6	1	-
Phalodi	0830	767	998·7	972·8	..	84·2	75·8	71·7	26·6	70	..	1·3	..	15·3	0	16	14	0	0	2	0	5	20	3	0	-
	1730	"	995·7	970·8	..	104·4	80·8	68·2	25·1	35	..	0·4	..	17·7	0	21	8	0	1	2	0	2	19	5	0	-
Barmer	0530	638	998·1	976·6	..	84·4	77·5	74·1	29·1	73	..	2·3	..	8·4	0	6	23	0	0	0	0	3	15	9	2	-
	0830	"	999·8	978·3	−0·3	86·4	78·4	74·5	29·5	70	0	3·6	+0·6	7·3	0	3	27	1	0	0	0	11	13	5	0	-
	1130	"	999·5	978·4	..	96·0	80·6	73·8	28·7	51	..	2·4	..	9·2	0	6	24	0	0	0	2	7	16	4	1	-
	1730	"	995·4	974·7	..	103·3	81·5	71·6	26·8	38	..	1·8	..	9·1	0	6	23	1	0	1	0	6	15	5	1	-
	2330	"	997·5	976·5	..	92·9	79·3	73·1	28·0	55	..	1·8	..	8·9	0	5	24	0	0	0	0	3	16	9	1	-

(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, miles per hour.	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
ithan, East																										
ar	0830	1,419	999·5	951·2	..	87·8	77·2	72·1	27·9	62	..	2·7	..	4·6	0	0	29	1	1	2	5	5	5	6	4	1
	1730	"	994·5	948·9	..	99·7	80·2	70·7	26·2	43	..	2·3	..	3·6	0	0	30	0	1	3	3	3	8	11	1	0
ur	0830	1,431	999·2	952·1	−0·5	89·1	74·8	66·2	22·9	52	−1	2·6	+0·4	9·8	0	6	23	0	0	4	1	0	2	16	6	1
	1130	"	998·3	951·8	..	97·3	76·1	62·8	21·1	39	..	2·0	..	9·3	0	4	26	1	1	3	1	0	3	14	7	0
	1730	"	994·4	948·4	..	100·3	76·1	60·9	19·7	33	..	2·4	..	8·5	0	4	26	1	2	4	1	0	4	14	4	0
ur (Sanganer Aerodrome)	0230	1,282	997·0	954·5	..	88·9	72·9	64·4	20·4	52	..	1·4	..	8·0	0	6	19	1	2	1	0	0	1	12	8	5
	0530	"	997·6	954·7	..	84·1	75·7	64·7	27·0	59	..	2·3	..	9·0	0	6	22	1	3	1	0	1	3	10	9	2
	0830	"	998·8	956·5	..	90·4	76·1	68·1	24·3	53	..	2·5	..	16·3	0	20	10	0	3	1	1	0	1	15	9	0
	1130	"	998·0	956·2	..	97·3	77·8	67·1	23·6	42	..	2·4	..	15·7	0	22	8	1	1	3	0	1	2	13	9	0
	1730	"	994·4	952·9	..	100·3	77·7	63·5	22·1	37	..	2·9	..	13·9	0	16	13	0	3	2	1	1	2	12	8	1
	2330	"	997·2	954·9	..	89·2	74·6	66·1	22·6	56	..	1·5	..	8 1	0	5	21	1	3	1	0	0	4	11	6	4
ier	0830	1,593	999·6	947·0	−0·7	87·0	73·2	65·7	21·8	52	−4	2·3	+0·1	12·9	0	17	13	0	1	2	0	0	14	13	0	0
	1730	"	994·8	943·5	..	98·4	73·1	57·0	20·0	30	..	1·9	..	5·4	0	2	24	0	0	3	1	0	10	10	2	4
ah	0530	843	997·8	969·7	..	87·6	73·1	64·1	21·2	50	..	1·6	..	5·7	0	1	26	0	0	1	0	1	5	19	1	3
	0830	"	999·4	971·5	−0·4	91·7	75·2	65·4	22·6	47	0	2·2	−0·4	6·3	0	0	29	0	1	2	0	0	7	19	0	1
	1130	"	998·9	971·2	..	98·8	76·1	62·1	20·4	36	..	3·2	..	5·5	0	0	25	1	1	1	1	0	1	14	6	5
	1730	"	994·8	967·5	..	102·4	76·5	58·9	19·0	29	..	3·1	..	5·9	0	1	27	1	0	1	2	1	3	10	10	2
	2330	"	997·8	969·9	..	92·0	73·6	62·0	19·8	42	..	2·0	..	7·1	0	3	26	0	1	2	0	0	4	18	4	1
lawar	0830	1,053	1000·0	965·0	−0·3	88·0	74·9	67·3	23·7	54	−9	1·7	−1·4	5·9	0	1	26	0	2	0	0	0	11	12	2	3
	1730	"	995·4	961·3	..	100·4	75·7	60·0	19·2	33	..	1·8	..	4·7	0	1	27	1	3	0	0	2	3	12	7	2
ipur	0230	1,910	890·9	936·3	..	81·9	73·4	68·0	24·3	66	..	2·9	..	6·1	0	3	20	0	0	0	0	4	15	4	0	7
	0530	"	890·9	936·6	..	80·1	72·0	68·0	23·2	68	..	2·7	..	4·4	0	1	18	0	0	0	0	2	12	5	0	11
	0830	"	892·2	937·6	−0·9	84·9	74·1	68·7	24·1	61	−2	3·0	+0·6	5·3	0	0	25	1	1	0	0	2	15	4	2	5
	1130	"	893·0	937·8	..	90·5	75·7	68·4	24·1	52	..	3·1	..	6·2	0	1	28	2	2	0	1	5	12	5	2	1
	1730	"	890·4	935·0	..	92·4	75·8	67·7	22·7	50	..	3·5	..	5·5	0	0	28	2	1	1	0	1	17	5	1	2
	2330	"	891·6	936 9	..	84·8	73·5	67·7	23·4	60	..	2·7	..	4·7	0	1	19	0	0	2	0	3	8	7	0	10
ya Bharat.																										
alior (P.B.O.)	0230	688	996·2	973·4	..	91·6	72·9	59·7	20·6	42	..	2·0	..	6·8	0	4	23	1	2	2	0	1	9	7	5	3
	0530	"	996·8	973·9	..	89·6	72·6	60·2	20·8	46	..	2·6	..	5·8	0	2	22	2	2	1	0	0	4	10	5	6
	0830	"	998·2	975·5	−0·3	93·2	74·3	61·1	20·4	43	0	2·1	−0·4	7·8	0	2	27	1	2	5	1	1	3	6	10	1
	1130	"	997·9	975·1	..	99·5	75·4	59·1	19·8	35	..	2·5	..	9·3	0	5	25	4	0	3	0	1	5	5	12	0
	1730	"	994·3	971·9	..	98·5	75·4	56·3	19·4	30	..	3·7	..	8·3	0	3	27	0	3	2	1	2	6	5	11	0
	2330	"	996·3	973·9	..	93·5	74·1	61·3	21·2	42	..	2·4	..	4·8	0	1	23	1	3	1	1	2	7	6	3	6
opur Kalan.	0830	771	999·0	973·2	..	91·1	75·7	66·2	23·2	48	..	2·4	..	6·8	0	4	21	0	0	1	0	6	9	7	2	5
	1730	"	994·7	969·5	..	100·5	77·6	61·6	22·1	35	..	3·7	..	6·3	0	1	26	1	2	4	0	6	3	4	7	3
ia	0530	1,571	998·7	946·6	..	82·7	73·2	68·2	24·0	65	..	4·2	..	5·5	0	3	17	0	0	2	0	0	10	6	2	10
	0830	"	999·3	947·7	−0·7	88·3	76·6	71·5	26·5	60	+4	3·6	+1·0	7·9	0	2	27	2	0	1	0	3	5	16	2	1
	1130	"	998·6	947·7	..	96·9	79·3	70·8	27·0	48	..	3·6	..	9·7	0	4	25	3	2	1	0	0	7	11	5	1
	1730	"	995·1	944·5	..	97·8	79·1	69·5	26·3	47	..	4·3	..	8·6	0	0	30	3	4	1	0	0	6	14	2	0
	2330	"	998·3	946·6	..	87·8	75·3	69·1	24·8	59	..	3·1	..	6·1	0	4	13	0	1	1	0	0	9	5	1	13
much	0830	1,626	1001·0	947·1	−0·3	84·4	73·7	68·4	24·0	62	−5	3·8	+0·5	10·5	0	8	22	0	2	0	0	1	12	14	1	0
	1730	"	996·5	944·0	..	96·5	73·4	58·9	18·7	36	..	3·7	..	11·0	0	7	23	0	4	0	0	0	11	13	2	0
lam	0830	1,596	1001·2	948·6	..	80·8	75·4	72·8	27·4	78	..	5·7	..	9·6	0	6	24	0	0	1	1	0	6	20	2	0
	1730	"	997·3	945·3	..	93·6	76·9	68·9	24·0	50	..	4·6	..	8·4	0	6	24	0	2	1	0	0	7	15	5	0
ore	0530	1,861	890·6	938·4	..	77·0	71·3	68·1	23·9	77	..	4·6	..	9·0	0	7	21	0	0	0	0	0	2	24	2	2
	0830	"	892·4	939·7	−0·7	82·2	74·1	70·1	25·5	70	−5	4·3	−0·3	12·3	0	12	17	0	0	0	0	1	3	16	9	1
	1130	"	892·9	939·5	..	90·2	75·1	67·9	23·6	52	..	4·2	..	12·7	0	12	18	3	1	0	1	1	2	12	10	0
	1730	"	890·3	936·7	..	91·5	73·5	63·1	20·8	46	..	4·3	..	11 5	0	9	20	2	1	1	0	1	5	12	7	1
	2330	"	891·4	938·7	..	81·9	71·5	65·0	22·1	64	..	4·5	..	6·7	0	5	22	3	2	0	0	0	4	11	7	3
pal (Bairagarh)	0230	1,715	889·5	941·9	..	83·5	69·6	60·4	19·3	52	..	3·8	..	12·5	0	12	18	0	1	0	0	1	3	18	7	0
	0530	"	889·8	942·5	..	81·1	69·1	61·1	19·4	56	..	4·2	..	11·7	0	9	21	0	0	1	0	1	2	15	11	0
	0830	"	891·8	944·0	−0·4	86·2	74·4	64·8	24·3	53	−10	4·4	+0·3	17·7	0	27	3	0	1	1	0	0	2	11	15	0
	1130	"	892·1	943·6	..	94·0	73·8	62·4	20·5	40	..	4·7	..	13·3	0	18	12	4	0	1	2	0	2	11	10	0
	1730	"	889·2	940·4	..	95·9	73·0	59·6	18·9	37	..	4·8	..	14·6	0	21	9	2	1	1	1	0	7	13	5	0
	2330	"	890·4	942·5	..	86·3	70·5	60·2	18·5	48	..	3·9	..	12·9	0	14	16	1	0	2	1	0	3	16	7	0
kya Pradesh.																										
ngong	0830	750	998·6	973·8	−0·7	93·9	75·1	63·9	20·6	41	−13	2·5	−1·5	7·7	0	5	25	3	2	4	0	1	11	6	3	0
	1730	"	993·8	969·5	..	100·2	76·4	60·5	19·1	30	..	3·1	..	7·7	0	5	25	7	3	5	0	0	8	3	4	0
na	0930	1,041	998·0	963·8	−0·8	92·8	77·9	70·8	25·8	51	−1	3·5	−0·5	7·1	0	3	27	0	4	2	0	2	6	14	2	0
	1730	"	994·0	960·3	..	100·7	79·5	68·8	24·8	40	..	3·5	..	9·3	0	4	26	4	2	3	1	1	3	10	6	0

TABLE III—SUMMARY OF OBSERVATIONS AT FIXED HOURS—JUNE 1953.

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, miles per hour.	Wind speed (m.p.h.).			No. of observations.								
			At mean sea or nearest s. 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	1,506	998·6	949·0	..	91·1	72·8	60·8	20·1	42	−16	4·1	−1·0	6·7	0	3	26	2	1	2	0	0	5	13	6	1
	1730	"	993·7	945·4	..	102·6	74·6	57·7	17·8	33	..	4·3	..	4·2	0	0	29	4	2	1	1	0	2	8	11	1
Madhya Pradesh, East																										
Gondia	0830	1,026	1000·1	966·1	..	90·3	76·3	69·0	24·6	55	..	4·0	..	2·9	0	0	25	4	1	0	1	2	8	1	8	5
	1730	"	994·8	961·7	..	99·3	77·6	65·3	22·5	38	..	3·8	..	3·1	0	0	29	9	2	1	1	3	3	7	3	1
Pendra	0530	2,048	890·1	930·7	..	81·3	69·0	59·7	19·3	57	..	7·1	..	4·3	0	1	19	1	1	0	0	9	1	3	5	10
	0830	"	891·3	931·9	−0·8	87·5	72·1	63·1	20·6	51	−11	6·7	+2·4	6·3	0	2	25	2	1	1	0	11	1	4	7	3
	1130	"	891·9	931·5	..	95·0	73·7	61·7	19·7	40	..	7·2	..	9·1	0	4	26	8	5	1	0	0	4	4	8	0
	1730	"	889·0	928·5	..	93·6	73·0	60·0	19·3	39	..	7·1	..	7·7	0	3	25	7	3	1	1	1	3	6	6	2
	2330	"	890·6	930·9	..	84·5	71·0	62·6	20·5	55	..	5·9	..	3·5	0	2	21	2	1	2	2	5	3	4	4	7
Raigarh	0830	723	999·1	975·0	..	90·0	77·4	71·4	26·4	58	..	4·8	..	5·1	0	0	29	1	4	2	5	4	4	6	3	1
	1730	"	994·4	970·8	..	98·5	76·3	62·1	20·7	40	..	5·2	..	1·9	0	0	15	1	2	1	2	2	5	2	0	15
Ambikapur	0830	2,005	891·4	933·3	..	85·6	72·4	64·5	21·8	56	.	2·1	..	5·9	0	0	30	2	2	3	1	3	9	9	1	0
	1730	"	888·8	929·9	..	93·1	73·1	60·5	19·7	44	..	3·2	..	9·7	0	5	25	7	4	1	1	0	5	6	6	0
Champa	0830	805	999·1	972·3	..	90·5	75·9	68·8	23·9	53	..	5·6	..	6·8	0	4	26	3	5	4	2	2	7	6	1	0
	1730	"	994·3	968·1	..	100·1	77·2	63·8	21·5	38	..	6·6	..	10·0	0	7	23	5	2	4	1	1	2	8	7	0
Raipur	0530	979	998·1	965·4	..	85·1	71·3	61·7	19·9	53	.	5·7	..	2·8	0	0	21	1	1	1	1	4	10	1	2	9
	0830	"	999·3	966·9	−1·1	90·6	73·6	62·7	20·6	47	−1·4	4·8	−0·2	5·5	0	1	24	4	1	0	1	2	6	9	2	5
	1130	"	998·5	966·5	..	96·7	74·6	59·9	19·3	38	..	4·9	..	4·7	0	0	25	2	2	2	0	1	5	6	7	5
	1730	"	994 9	962·9	..	97·8	73·5	55·0	17·1	35	..	5·4	..	4·6	0	1	25	4	2	0	1	2	5	7	5	4
	2330	"	998·0	965·5	..	88·7	73·0	61·5	20·7	51	..	5·6	..	3·9	0	0	27	3	0	1	1	8	10	2	2	3
Kanker	0830	1,318	1000·1	956·7	−0·8	88·0	74·6	66·5	23·1	54	−9	5·2	−0·8	3·6	0	0	25	1	0	1	0	0	8	12	3	5
	1730	"	995·8	952·8	..	95·3	78·0	69·7	24·9	50	..	5·4	..	1·8	0	0	17	1	1	0	0	1	7	3	4	11
Chanda	0830	634	1000·9	979·8	−1·2	90·6	83·2	80·0	34·7	75	+16	4·7	0	9·4	0	6	23	0	0	0	0	0	13	1	15	
	1730	"	996·0	975·3	..	99·0	87·0	79·8	38·3	64	..	5·0	..	9·7	0	4	26	2	3	0	2	0	6	1	16	
Sironcha	0830	405	1001·7	988·1	..	88·6	77·1	71·3	26·6	61	..	4·8	..	5·9	0	0	29	2	2	1	3	3	2	9	7	
	1730	"	996·8	983·5	..	99·8	77·8	65·8	22·5	41	..	5·3	..	3·1	0	0	28	6	1	1	1	1	3	6	9	
Jagdalpur (P.B.O.)	0530	1,813	890·1	939·3	..	78·3	71·6	68·2	23·8	73	..	5·8	..	4·1	0	1	20	0	0	1	0	3	10	7	0	
	0830	"	892·0	940·9	−1·1	83·5	73·6	68·5	24·2	65	−6	5·9	+0·9	7·1	0	1	28	0	0	0	1	3	15	8	2	
	1130	"	892·2	940·4	..	90·5	73·8	65·1	21·8	50	..	5·7	..	8·5	0	4	26	3	0	0	0	1	9	10	7	
	1730	"	889·5	937·4	..	90·9	73·6	64·0	21·2	48	..	6·6	..	6·5	0	2	28	0	2	0	2	5	5	11	5	
	2330	"	890·7	939·7	..	81·4	72·1	67·4	23·1	67	..	4·9	..	4·2	0	1	23	0	1	2	5	1	11	3	1	
Madhya Pradesh, West																										
Buldhana	0830	2,133	893·3	931·3	..	78·2	71·2	67·7	23·3	71	..	4·8	..	6·3	0	0	30	1	0	0	0	0	3	8	18	
	1730	"	891·4	928·4	..	92·7	73·8	64 6	20·7	44	..	4·8	..	5·3	0	1	29	4	0	0	0	0	5	4	17	
Akola	0830	925	1001·7	970·9	−0·8	85·3	74·9	69·2	24·8	62	−2	5·8	+1·1	12·1	0	11	19	1	0	0	0	0	3	11	15	
	1130	"	1000·7	970·1	..	93·1	75·7	66·3	22·4	45	..	4·2	..	10·8	0	4	26	0	1	0	0	0	2	10	17	
	1730	"	996.6	966·5	..	99·4	75·8	62·0	19·7	35	..	4·1	..	10·5	0	7	23	3	0	1	0	0	2	7	17	
Akola (Aerodrome)	0530	1,015	1000·2	966·0	..	80·8	71·2	65·5	22·2	64	..	4·7	..	11·1	0	11	18	0	0	0	0	0	2	17	10	
	2330	"	999·8	965·9	..	86·4	71·7	61 4	19·9	51	..	3·6	..	10.4	0	9	18	0	0	0	0	0	5	13	9	
Amravati	0830	1,213	1001·1	960·7	−1·0	85·9	73·4	65 9	22·4	55	−10	4·6	0	6·9	0	0	30	1	0	0	0	0	11	8	10	
	1730	"	995·8	956·5	..	97·9	74·2	58·0	18·1	35	..	5·2	..	10·3	0	6	24	4	1	0	0	2	5	14	4	
Yeotmal	0830	1,481	1000·9	951·8	..	85·2	73·5	67·4	22·9	61	..	7·0	..	16.0	0	24	5	0	0	0	0	0	10	2	17	
	1730	"	995·8	948·0	..	96·3	76·5	66·5	22·2	45	..	6·5	..	13·7	0	16	14	0	2	0	0	0	12	4	12	
Khandwa	0830	1,044	1001·5	966·9	−0·4	85·0	74·6	69·1	24·5	61	−4	4·8	+0·6	10·8	0	8	22	1	0	0	0	2	7	18	2	
	1730	"	996·3	962·3	..	97·5	74·3	59·2	19·3	35	..	5·3	..	10·1	0	5	25	3	0	0	0	3	4	15	5	
Hoshangabad	0830	992	1000·5	967·4	−1·1	86·9	73·1	64·1	21·6	53	−10	5·1	+0·7	5·3	0	1	27	1	0	0	0	1	10	14	2	
	1730	"	995·2	963·0	..	99·7	74·3	56·4	17·4	31	..	5·2	..	6·7	0	2	28	2	1	1	0	1	6	17	2	
Sagar	0830	1,808	891·1	939·8	−0·5	88·0	71·4	61·0	19·5	46	−11	3·1	−0·6	12·2	0	14	16	1	2	2	0	0	4	11	10	
	1730	"	888·6	936·3	..	97·3	72·5	57·7	17·2	33	..	4·1	..	10·5	0	5	25	1	3	1	0	0	8	3	14	
Jabalpu	0530	1,289	998·1	955·3	..	84·3	71·5	63·1	20·5	54	..	3·9	..	3·7	0	2	16	0	0	1	1	1	12	3	0	
	0830	"	999·2	956·8	−0·6	91 2	74·1	63·3	21·0	45	−10	4·1	+0·2	6·3	0	1	29	0	3	0	1	0	13	10	3	
	1130	"	998·2	956·4	..	98·2	75·8	61·8	20·3	37	..	4·6	..	6·0	0	0	29	0	4	1	1	0	12	4	7	
	1730	"	994·2	952·7	..	100·8	76·0	59·8	19·4	33	..	4·9	..	6·6	0	1	28	0	6	1	1	0	11	6	4	
	2330	"	997·5	955·2	..	89·1	73·6	63·7	21·3	48	..	3·6	..	4·3	0	1	18	0	6	0	0	0	7	3	3	
Mandla	0830	1,452	999·4	651·5	..	87·9	75·7	69·0	23·3	58	..	4·2	..	5·5	0	0	27	5	1	2	4	4	1	3	7	
	1730	"	994·2	947·4	..	97·6	78·7	69·4	24·7	47	..	4·7	..	7·5	0	2	28	4	1	0	1	3	2	7	12	
Seom[illegible]	0830	2,027	891·9	932·8	−1·1	88·0	71·8	62·1	19·3	47	−13	4·8	+0·5	8·6	0	3	27	10	3	1	0	2	1	7	6	
	1730	"	889·5	929·6	..	95·8	73·7	60 1	18·4	39	..	5·7	..	6·9	0	1	28	7	1	2	1	2	4	10	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, miles per hour.	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
adhya Pradesh, West—*contd.*																										
Chhindwara	0830	2,248	893·0	926·5	..	85·6	72·9	66·5	22·5	57	..	3·6	..	7·0	0	0	29	3	1	1	0	0	1	12	9	1
	1730	,,	890·4	923·3	..	94·8	75·1	65·1	21·7	42	..	4·4	..	5·0	0	0	28	3	1	0	1	1	1	15	6	2
Betul	0830	2,144	893·2	930·5	..	82·5	70·7	64·0	20·9	58	..	6·1	..	8·4	0	1	29	4	1	0	0	0	6	9	10	0
	1730	,,	890·9	927·4	..	94·3	72·5	59·3	18·4	38	..	5·6	..	8·6	0	0	30	3	1	1	0	0	5	11	9	0
Nagpur	0230	1,010	997·8	964·2	..	86·5	71·0	59·4	18·9	51	..	3·7	..	9·6	0	7	21	2	0	0	0	0	4	8	14	2
	0530	,,	998·8	965·0	..	84·6	71·0	61·1	19·7	53	..	4·4	..	7·6	0	4	22	2	0	2	0	0	2	10	10	4
	0830	,,	1000·0	966·5	−1·3	90·7	73·7	62·4	20·7	47	+9	5·1	+0·3	12·0	0	17	11	6	1	1	0	0	5	5	10	2
	1130	,,	998·9	966·0	..	98·5	75·4	60·9	19·6	36	..	5·0	..	12·3	0	13	17	4	4	1	1	0	2	7	11	0
	1730	,,	995·4	962·5	..	98·3	75·0	60·0	19·1	38	..	5·3	..	10·3	0	7	22	2	2	0	0	0	4	13	8	1
	2330	,,	998·6	965·1	..	88·0	71·8	60·0	19·3	48	..	3·9	..	8·4	0	5	24	2	0	0	0	1	7	10	9	1
ujarat																										
Deesa	0830	444	1001·6	986·6	−0·4	84·9	78·8	76·1	30·8	75	..	3·8	..	..	0	0	24	0	0	0	0	0	24	0	0	6
	1730	,,	996·9	982·3	..	99·9	79·2	68·5	24·7	41	..	3·3	..	..	0	0	27	0	2	0	0	0	20	5	0	3
Surat	0530	39	1002·0	1000·7	..	81·6	78·1	76·6	31·3	85	..	5·3	..	5·3	0	2	25	0	1	0	2	7	10	5	2	3
	0830	,,	1003·2	1001·9	−0·4	85·3	79·2	76·6	31·3	76	+2	6·0	+0·3	6·0	0	0	30	1	0	0	4	6	15	2	2	0
	1130	,,	1003·3	1002·0	..	89·9	79·7	75·0	30·0	64	..	5·8	..	8·6	0	4	26	2	0	0	1	5	15	6	1	0
	1730	,,	1000·4	999·1	..	89·3	80·7	77·0	31·9	68	..	4·5	..	9·4	0	5	25	0	0	0	0	6	20	4	0	0
	2330	,,	1002·6	1001·3	..	83·5	79·4	77·6	32·5	83	..	3·5	..	8·9	0	4	25	0	0	0	1	8	17	3	0	1
Ahmedabad	0230	182	1000·6	994·5	..	84·4	77·9	74·6	29·7	74	..	3·1	..	9·7	0	1	29	0	0	1	1	2	11	14	1	0
	0530	,,	1000·9	994·7	..	82·3	78·0	76·3	30·8	82	..	4·1	..	8·1	0	1	28	0	0	0	2	3	14	9	1	1
	0830	,,	1002·2	996·0	−0·8	85·1	79·1	76·4	31·2	76	−3	4·7	−0·1	9·6	0	4	26	0	0	0	2	2	15	8	3	0
	1130	,,	1001·9	995·8	..	92·4	80·9	74·3	30·8	58	..	4·0	..	10·5	0	9	21	1	0	1	2	3	13	6	4	0
	1730	,,	997·7	991·7	..	98·6	80·1	70·0	26·7	46	..	3·9	..	11·2	0	9	21	0	1	0	2	4	14	6	3	0
	2330	,,	1000·9	994·8	..	86·5	78·5	74·5	29·7	70	..	3·4	..	9·1	0	3	27	0	0	0	1	8	17	4	0	0
Dohad	0830	1,093	1002·1	965·4	..	82·3	75·8	72·4	27·5	74	−1	4·7	−0·7	15·8	0	21	8	0	0	0	0	1	11	16	1	1
	1730	,,	998·0	962·2	..	93·7	76·0	65·5	22·6	47	..	4·4	..	13·6	0	11	19	0	0	0	0	2	18	10	0	0
Baroda	0530	115	1001·6	997·6	..	80·9	78·8	77·8	32·7	91	..	4·1	..	2·9	0	0	22	0	0	1	0	4	16	1	0	8
	0830	,,	1002·8	998·9	..	84·4	79·5	77·3	32·2	80	+4	4·9	+0·3	4·1	0	0	24	1	0	0	0	1	17	4	1	6
	1130	,,	1002·5	998·6	..	92·0	81·1	76·3	31·3	63	..	4·2	..	4·8	0	0	29	0	0	0	0	3	15	6	5	1
	1730	,,	998·8	995·0	..	96·6	82·2	75·6	31·0	56	..	3·6	..	6·1	0	0	29	0	0	0	1	3	19	4	2	1
	2330	,,	1002·0	997·4	..	84·8	80·0	78·1	32·8	81	..	3·2	..	7·0	0	3	26	0	0	0	1	4	23	1	0	1
Baroda (Aerodrome)	0530	124	1001·6	997·3	..	81·5	77·9	76·3	31·0	85	..	3·8	..	4·3	0	0	27	0	0	0	0	2	24	1	0	3
	0830	,,	1002·9	998·7	..	84·9	78·5	75·5	30·2	75	..	4·6	..	6·7	0	4	23	1	0	1	0	1	16	7	1	3
	1730	,,	998·6	994·5	..	95·9	79·2	70·4	26·4	50	..	3·7	..	9·7	0	8	22	0	0	0	0	3	16	8	3	0
	2330	,,	1001·7	997·5	..	85·0	78·6	75·5	30·5	75	..	3·7	..	8·1	0	5	25	0	0	0	0	1	26	2	1	0
Broach	0830	57	1002·7	1000·7	..	83·6	79·0	76·9	31·8	81	..	4·6	..	5·6	0	1	29	1	0	0	0	7	17	4	1	0
	1730	,,	999·0	997·1	..	93·4	81·5	75·9	31·2	60	..	3·3	..	8·6	0	2	28	0	1	0	0	0	26	2	1	0
aurashtra and Kutch																										
Bhuj	0830	343	1001·2	989·6	−0·2	85·1	78·4	75·6	30·1	73	+3	3·8	−0·3	8·9	0	3	27	0	0	1	0	2	11	14	2	0
	1730	,,	998·3	986·9	..	93·5	79·0	72·1	27·3	53	..	3·5	..	15·6	0	23	7	0	0	1	1	2	14	11	1	0
Bhuj (P. B. O.)	0230	347	999·7	988·0	..	82·3	77·9	76·0	30·6	82	..	3·2	..	11·7	0	11	19	0	0	0	1	2	21	6	0	0
	0530	,,	999·9	988·1	..	81·8	77·7	76·2	30·6	83	..	4·1	..	7·8	0	4	25	0	0	0	2	2	19	6	0	1
	0830	,,	1000·8	989·1	..	85·3	78·1	75·2	29·5	73	..	4·5	..	9·5	0	6	24	0	0	0	1	0	20	7	2	0
	1130	,,	1000·6	989·0	..	92·8	78·3	72·5	26·5	53	..	4·1	..	12·7	0	11	19	0	0	1	1	2	16	8	2	0
	1730	,,	998·0	986·5	..	93·9	79·0	73·0	27·1	53	..	3·9	..	12·6	0	10	20	0	3	0	0	2	20	4	1	0
	2330	,,	1000·3	988·6	..	83·9	78·4	76·1	30·7	78	..	3·7	..	11·8	0	10	20	0	0	0	1	1	23	5	0	0
Dwarka	0830	37	1002·2	1000·9	−0·2	84·4	81·2	80·0	34·8	87	+5	4·2	−0·1	15·3	0	17	13	0	0	1	1	2	10	14	2	0
	1730	,,	1000·0	998·7	..	86·5	82·4	80·8	35·9	83	..	4·3	..	16·3	0	23	7	1	0	0	0	3	10	14	2	0
Porbander	0830	23	1002·5	1001·7	..	83·9	80·4	79·4	33·9	85	..	5·8	..	13·2	0	12	18	1	0	1	2	1	8	12	5	0
	1730	,,	1000·2	999·4	..	87·3	81·5	79·3	34·1	77	..	6·1	..	17·4	0	23	7	0	0	0	1	2	11	14	2	0
Jamnagar	0530	74	1000·8	998·2	..	81·4	77·9	76·3	31·0	84	..	4·0	..	13·9	1	12	17	0	0	0	2	2	16	9	1	0
	0830	,,	1001·9	999·4	0	85·9	79·6	77·0	31·7	75	+8	5·4	+1·6	15·2	0	23	6	0	0	0	2	1	12	12	2	1
	1130	,,	1001·9	999·4	..	92·8	80·4	74·9	29·9	57	..	4·7	..	18·0	0	25	5	0	0	1	1	1	7	17	3	0
	1730	,,	999·2	996·7	..	92·1	80·6	75·7	30·4	60	..	4·2	..	24·0	2	28	0	0	0	1	1	1	2	24	1	0
Rajkot	0830	432	1002·5	987·4	−0·4	83·0	79·0	77·1	32·0	83	+9	5·4	+0·4	7·7	0	1	28	1	0	0	2	2	10	11	3	1
	1730	,,	998·6	984·3	..	95·5	79·4	71·4	26·9	50	..	4·7	..	10·4	0	6	24	0	0	0	2	3	9	11	5	0
Rajkot (Aerodrome)	0530	439	1000·9	985·9	..	79·7	77·4	76·4	31·0	90	..	4·7	..	17·3	0	20	10	0	0	0	1	4	17	6	2	0
	0830	,,	1002·3	987·4	..	83·9	79·6	77·9	32·6	82	..	4·4	..	18·1	0	25	5	0	0	0	3	3	14	9	1	0
	1130	,,	1001·8	987·2	..	92·5	80·2	74·6	29·6	58	..	3·9	..	18·8	0	26	4	0	0	1	1	4	11	11	2	0

TABLE III—SUMMARY OF OBSERVATIONS AT FIXED HOURS—JUNE 1953.

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, miles per hour.	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
Saurashtra and Kutch—*contd.*																										
Veraval	0230	26	1001·5	1000·6	..	82·4	79·6	78·4	33·1	88	..	4·6	..	17·3	0	14	16	1	0	0	1	4	8	11	5	0
	0530	,,	1001·5	1000·6	..	81·9	79·1	77·8	32·6	87	..	5·1	..	17·7	0	17	13	0	1	0	2	3	10	9	5	0
	0830	,,	1002·9	1002·0	−0·6	83·8	80·0	78·4	33·3	84	+2	5·6	+0·9	15·6	0	12	18	0	0	0	1	5	7	10	7	0
	1130	,,	1003·3	1002·4	..	86·4	81·0	78·7	33·6	78	..	5·2	..	15·3	0	17	13	0	0	0	1	5	7	13	4	0
	1730	,,	1000·8	999·9	..	85·2	80·5	78·6	33·4	81	..	5·2	..	18·7	0	22	8	1	0	0	1	4	8	12	4	0
	2330	,,	1002·6	1001·7	..	82·8	79·7	78·5	33·2	87	..	4·1	..	16·1	0	14	16	1	0	0	0	4	6	13	6	0
Mahuva	0830	51	1002·8	1001·1	..	83·4	78·5	76·5	31·1	80	..	5·0	..	8·6	0	8	22	0	3	0	1	1	17	2	6	0
	1730	,,	1000·1	998·4	..	88·2	81·2	78·1	33·1	73	..	3·6	..	25·5	0	24	1	0	0	0	0	3	26	1	0	0
Bhavnagar	0830	55	1003·1	1001·3	0	84·2	78·6	76·2	30·8	78	+11	4·5	−0·5	7·1	0	0	30	0	1	0	1	5	10	11	2	0
	1730	,,	999·1	997·3	..	95·2	83·1	78·3	33·1	61	..	3·9	..	9·3	0	5	25	0	0	0	5	12	7	5	1	0
Bhavnagar (Aerodrome)	0830	35	1002·8	1001·6	..	85·8	79·1	76·0	31·0	74	..	4·8	..	14·4	0	14	16	1	1	0	1	8	11	6	2	0
	1130	,,	1002·4	1001·2	..	92·9	80·6	74·9	30·1	59	..	4·8	..	17·8	2	14	14	4	0	3	1	6	11	4	1	0
Konkan																										
Dahanu	0830	15	1003·7	1003·2	..	83·2	80·8	79·7	34·8	90	..	7·3	..	13·6 (b)	0	15	15	2	0	3	3	3	6	13	0	0
	1730	,,	1001·6	1001·1	..	86·4	83·4	82·2	37·7	88	..	5·5	..	15·0 (b)	0	21	9	0	0	0	0	1	11	17	1	0
Bombay (Colaba)	0830	35	1004·6	1003·4	−0·5	83·4	78·7	76·4	31·4	81	+2	5·6	−0·2	9·6	0	9	21	1	0	0	5	3	9	10	2	0
	1130	,,	1004·8	1003·6	..	86·6	79·7	76·7	31·6	74	..	4·6	..	9·3	0	8	22	0	2	0	1	5	9	10	3	0
	1730	,,	1002·4	1001·2	..	86·1	79·7	77·1	31·8	76	..	5·5	..	10·9	0	9	21	0	0	0	1	5	10	11	3	0
Bombay (Santacruz Aerodrome)	0230	27	1003·2	1002·3	..	81·2	77·5	75·9	30·5	84	..	5·4	..	8·2	0	8	18	1	0	1	2	5	8	6	3	4
	0530	,,	1003·1	1002·3	..	80·8	77·1	75·4	30·1	84	..	5·4	..	6·7	0	6	19	1	1	1	4	4	8	5	1	5
	0830	,,	1004·6	1003·7	−0·5	83·5	78·4	76·3	30·9	80	+3	6·1	+0·3	9·1	0	6	24	2	0	0	2	7	7	8	4	0
	1130	,,	1004·8	1003·9	..	85·9	78·5	75·1	30·0	72	..	5·4	..	11·2	0	10	20	1	1	1	0	6	8	10	3	0
	1730	,,	1002·2	1001·3	..	85·7	78·9	75·9	30·7	73	..	5·7	..	13·4	0	17	13	0	0	0	0	3	11	12	4	0
	2330	,,	1004·5	1003·6	..	82·8	78·3	76·3	31·1	81	..	5·4	..	9·2	0	7	23	3	0	0	0	6	12	7	2	0
Alibag	0830	23	1005·1	1004·3	−0·5	83·0	80·6	79·6	34·6	90	+10	6·2	−0·2	10·7	0	10	19	0	0	2	2	6	11	6	2	1
Harnai	0830	66	1005·4	1003·1	..	82·1	78·9	77·5	32·3	86	..	5·3	..	10·3	1	8	18	2	1	0	4	6	3	6	5	3
	1730	,,	1003·2	1000·9	..	83·5	80·0	78·6	33·4	85	..	4·9	..	14·3	0	14	16	1	0	0	3	5	5	10	6	0
Ratnagiri	0830	116	1005·9	1001·9	..	82·5	78·3	76·4	31·1	83	..	5·7	..	..	0	3	27	1	0	4	3	0	10	4	8	0
	1730	,,	1003·6	999·6	..	84·3	79·1	76·9	31·6	79	..	5·3	..	..	0	9	21	0	0	0	0	3	13	4	10	0
Devgad	0830	117	1006·1	1002·1	..	81·8	78·2	76·7	31·3	85	..	5·8	..	12·7	0	13	16	2	1	2	5	1	6	5	7	1
	1730	,,	1004·0	1000·0	..	84·2	79·1	77·1	31·6	80	..	5·4	..	18·5	0	26	4	2	0	0	0	2	9	8	9	0
Vengurla	0230	29	1005·3	1004·3	..	79·5	76·8	75·5	30·3	88	..	5·9	..	..	0	2	13	0	0	1	1	1	5	4	3	15
	0530	,,	1005·3	1004·3	..	79·0	76·4	75·2	29·9	88	..	5·9	..	..	0	4	5	0	0	2	0	0	0	6	1	21
	0830	,,	1006·8	1005·8	..	82·0	77·4	75·4	30·0	81	..	6·3	..	..	0	2	12	2	0	2	1	1	2	5	1	16
	1130	,,	1006·9	1005·9	..	85·7	78·7	75·7	30·4	73	..	5·6	..	..	0	4	17	0	0	0	0	3	2	12	4	9
	1730	,,	1005·0	1004·0	..	83·9	78·0	75·3	30·1	77	..	5·8	..	..	0	5	18	0	0	1	0	5	3	11	3	7
	2330	,,	1006·7	1005·7	..	80·4	77·1	75·6	30·3	86	..	5·4	..	..	0	4	11	2	0	0	0	2	3	6	2	15
Marmagao	0830	202	1006·7	999·8	0	81·9	78·2	76·7	31·3	84	0	5·8	−0·4	8·4	0	4	26	1	3	1	2	4	7	8	4	0
	1730	,,	1004·5	997·6	..	83·0	78·0	76·0	30·5	79	..	5·6	..	10·1	0	6	24	1	0	0	0	6	8	11	4	0
Karwar	0830	13	1006·8	1006·3	−0·5	81·8	78·4	76·9	31·7	86	..	6·0	..	..	0	1	11	0	0	0	0	0	7	2	3	18
	1730	,,	1005·0	1004·5	..	83·0	78·8	77·2	31·7	83	..	6·0	..	..	0	1	26	0	0	0	1	0	17	0	9	3
Honavar	0830	85	1007·5	1004·5	..	80·8	77·9	76·5	31·4	87	..	6·7	..	3·1	0	0	25	0	1	7	2	1	6	4	4	5
	1730	,,	1005·4	1002·5	..	82·8	78·7	77·2	31·7	84	..	6·7	..	3·7	0	0	27	0	1	2	1	3	7	10	3	3
Deccan (Desh)																										
Jalgaon	0830	660	1002·6	980·2	..	83·5	76·4	72·9	27·9	72	..	4·3	..	14·2	0	15	15	1	0	0	1	1	4	16	7	9
	1730	,,	997·3	975·6	..	99·7	78·7	67·5	24·0	41	..	3·7	..	18·1	1	21	8	2	0	0	0	1	3	9	15	9
Malegaon	0830	1,432	1002·8	955·1	−0·4	83·9	74·2	68·8	24·5	64	−4	3·2	−1·3	2·2	0	0	24	0	0	0	0	1	6	12	5	6
	1730	,,	998·3	951·5	..	91·8	75·6	66·5	22·9	50	..	3·6	..	3·4	0	0	27	2	0	0	0	0	4	15	6	3
Deolali	0830	1,875	893·8	941·1	..	78·1	72·0	68·9	24·4	76	..	5·4	..	10·1	0	8	21	1	0	0	0	0	19	8	1	2
Ahmednagar	0830	2,154	894·8	932·1	−0·7	79·2	70·4	65·4	21·8	67	−4	4·8	+0·3	8·2	0	1	29	0	1	0	2	0	12	1	14	1
	1730	,,	892·4	928·9	..	89·9	71·5	60·2	18·8	44	..	5·3	..	7·5	0	2	27	0	2	0	2	0	11	1	13	2
Poona	0530	1,835	892·6	941·7	..	73·8	70·2	68·3	23·8	83	..	4·5	..	2·3	0	0	16	0	0	0	0	0	4	9	3	14
	0830	,,	894·3	943·1	−0·3	78·4	72·1	68·9	24·4	75	+2	5·4	0	3·1	0	0	24	0	0	0	0	0	3	15	6	6
	1130	,,	894·7	942·8	..	85·3	73·4	67·2	23·2	59	..	4·7	..	6·2	0	1	26	0	0	0	0	0	6	19	2	3
	1730	,,	892·3	940·3	..	85·1	73·3	67·3	23·2	61	..	5·3	..	5·1	0	0	30	0	0	0	0	0	5	20	5	5
	2330	,,	893·9	942·9	..	76·2	71·3	68·9	24·2	79	..	4·2	..	3·2	0	0	23	0	0	0	0	0	4	19	0	2
Poona (Lohagaon Aerodrome)	0230	1,947	893·0	938·1	..	74·2	70·1	68·0	23·5	82	..	4·5	..	8·2	0	6	21	0	0	0	0	1	3	17	6	3
	0530	,,	892·3	937·9	..	72·9	69·3	67·5	23·0	84	..	4·9	..	6·7	0	5	21	0	0	0	1	0	2	15	8	4
	0830	,,	894·4	939·2	..	77·7	71·0	67·2	23·2	72	..	5·2	..	10·0	0	10	19	0	0	0	1	0	3	18	7	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.			Mean temperature in °F.			Vapour pressure in mbs.	Relative humidity %	Departure from normal.	Cloud amount (Oktas).		Mean wind speed, miles per hour.	Wind speed (m. p. h.)			No. of observations.								
			Reduced to 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
n (Desh)—*contd.*																										
na (Lohagaon Aerodrome) *contd.*	1130	1,947	894·8	939·0	..	84·4	72·3	65·8	22·2	58	..	4·7	..	16·2	0	21	9	0	0	0	1	1	6	16	6	0
	1730	,,	892·4	936·4	..	84·5	72·7	66·5	22·7	60	..	5·4	..	20·2	0	27	3	0	0	0	0	0	6	18	6	0
	2330	,,	894·2	939·2	..	75·4	70·5	68·0	23·5	79	..	4·3	..	10·4	0	9	20	0	0	0	1	1	3	17	7	1
. . . . .	0830	1,709	893·5	946·5	..	80·1	73·3	70·5	25·2	73	..	5·1	..	14·1	0	19	11	0	0	0	0	2	5	12	11	0
	1730	,,	891·1	942·7	..	93·1	76·0	68·2	23·7	46	..	5·5	..	16·5	0	19	11	2	1	0	0	2	5	11	9	0
lapur	0530	1,570	1003·7	950·7	..	76·4	70·3	67·2	22·9	75	..	4·9	..	3·9	0	0	23	1	0	0	0	1	11	7	3	7
	0830	,,	1004·3	952·1	−0·1	80·5	71·4	66·6	22·6	65	−3	4·6	−0·4	2·6	0	0	28	1	3	1	0	0	20	2	1	2
	1130	,,	1002·9	951·2	..	89·4	73·0	64·1	21·0	48	..	5·9	..	9·0	0	2	28	4	1	0	0	0	13	8	4	0
	1730	,,	998·8	947·4	..	94·1	72·6	60·0	18·6	39	..	5·4	..	7·1	0	3	25	4	0	0	0	0	20	1	3	2
	2330	,,	1003·8	951·3	..	81·1	71·4	66·5	22·3	65	..	5·1	..	7·9	0	6	18	1	0	0	0	0	14	6	3	6
aj	0830	1,817	895·8	944·7	−0·4	76·9	71·5	68·9	24·1	77	−3	5·8	−0·5	9·8 (f)	0	9	20	0	0	0	0	1	12	13	3	1
	1730	,,	893·2	941·9	..	85·3	73·1	67·4	22·9	58	..	6·4	..	14·5 (g)	0	24	6	1	0	0	0	0	9	15	5	0
hapur	0530	1,870	893·4	941·3	..	73·3	70·3	68·7	24·1	86	..	4·9	..	10·9	0	13	15	0	0	0	0	0	2	25	1	2
	0830	,,	895·0	942·6	..	76·5	71·8	69·3	24·7	79	..	5·7	..	10·9	0	12	18	0	0	1	0	1	3	24	1	0
	1130	,,	895·4	942·4	..	82·8	72·6	67·6	23·3	64	..	5·1	..	14·6	0	18	12	1	0	0	0	1	1	25	2	0
	1730	,,	892·9	940·0	..	81·5	72·3	67·9	23·4	66	..	5·8	..	17·7	0	26	4	0	0	0	0	0	1	28	1	0
ipur	0830	1,950	894·9	939·5	−0·6	77·8	71·1	67·8	23·3	73	0	5·0	0	8·9	0	5	25	1	0	0	0	1	9	13	6	0
	1730	,,	892·5	936·0	..	88·9	72·1	63·5	20·0	52	..	5·9	..	5·7	0	2	28	2	3	1	1	0	6	12	5	0
gaum	0830	2,562	897·8	921·6	+0·6	71·6	69·1	67·7	23·3	88	+2	6·3	−0·1	1·3	0	0	12	1	0	0	1	0	0	8	2	18
	1730	,,	895·8	919·3	..	78·1	71·8	68·3	24·3	74	..	6·0	..	2·9	0	0	27	2	0	0	0	1	2	14	8	3
gaum (Sambre Aerodrome) .	0530	2,497	895·8	921·8	..	70·7	68·8	67·9	23·3	91	..	6·1	..	13·9	0	14	16	0	0	0	0	1	9	20	0	0
	0830	,,	896·9	922·7	..	74·6	70·4	68·5	23·7	82	..	6·0	..	17·1	0	23	6	0	0	0	1	0	8	19	1	1
	1130	,,	897·4	922·9	..	80·7	71·8	67·0	23·0	67	..	5·4	..	17.8	0	21	9	1	0	0	0	0	9	16	4	0
	1730	,,	895·4	921·0	..	78·4	71·9	68·8	24.1	74	..	6·0	..	20·3	0	27	3	0	0	0	0	0	9	20	1	0
dag	0830	2,131	896·4	934·8	−0·5	76·1	71·9	69·8	25·0	81	0	5·9	+0·5	9·1	0	3	27	0	0	0	0	0	5	24	1	0
	1730	,,	894·1	931·7	..	84·9	73·9	68·8	24·1	63	..	6·4	..	9·8	0	3	27	0	0	0	0	1	7	21	1	0
dag (P.B.O.)	0530	2,167	894·8	~~931·6~~ 932·1	..	73·1	70·3	69·4	24·2	88	..	5·8	..	..	0	9	17	0	0	0	0	0	12	14	0	4
	0830	,,	896·1	933·6	..	76·9	71·8	69·8	24·6	80	..	6·0	..	..	0	11	19	0	0	0	0	0	16	13	1	0
	1130	,,	896·3	~~932·6~~ 933·3	..	83·8	73·6	70·0	24·1	65	..	5·2	..	..	0	9	18	0	0	0	0	1	13	13	0	3
	1730	,,	~~894·3~~ ~~893·9~~ 894·7	930·3	..	85·3	74·0	68·9	24·1	62	..	6·1	..	..	0	10	20	1	0	0	0	2	14	12	1	0
	2330	,,	896·2	933·2	..	75·1	71·1	69·6	24.4	84	..	5·4	..	..	0	12	18	0	0	0	0	1	15	14	0	0
erabad, North																										
rangabad	0830	1,905	893·9	940·0	−0·9	78·6	71·2	66·8	23·0	72	0	5·5	0	10·9	0	8	22	0	0	0	0	1	5	19	5	0
	1730	,,	891·6	936·4	..	92·7	73·4	62·6	20·2	45	..	4·8	..	17·1	0	20	10	2	1	1	0	0	3	20	3	0
rangabad (Chikalthana Aerodrome)	0230	1,898	892·1	938·5	..	76·9	70·6	67·3	22·9	75	..	3·5	..	10·9	0	9	21	0	0	0	1	0	3	20	6	0
	0530	,,	892·0	938·6	..	75·2	69·7	66·6	22·6	77	..	4·6	..	8·5	0	1	29	0	0	0	0	0	3	21	6	0
	0830	,,	893·8	939·9	..	80·8	72·4	68·0	23·7	69	..	4·8	..	10·4	0	6	24	2	0	0	1	1	2	13	11	0
	1130	,,	894·1	939·6	..	88·4	74·0	66·8	22·8	53	..	4·8	..	11·9	0	9	21	2	0	0	1	0	4	13	11	0
	1730	,,	891·3	936·3	..	91·7	73·5	63·6	20·7	45	..	5·3	..	13·6	0	14	16	3	2	0	1	0	3	11	10	0
	2330	,,	893·2	939·4	..	79·8	71·1	66·4	22·5	69	..	4·2	..	10·9	0	8	22	2	0	0	0	0	3	11	14	0
rbhani	0830	1,389	1002·9	956·5	..	83·9	73·2	67·6	33·0	62	..	4·7	..	12·6 (k)	0	10	20	0	0	0	0	2	3	24	1	0
	1730	,,	997·5	952·1	..	96·8	74·5	60·0	19·0	38	..	5·1	..	13·9 (k)	0	12	18	4	2	0	0	1	5	14	4	0
magundam	0830	513	1001·2	984·0	..	88·5	74·9	67·4	23·4	55	..	4·0	..	6·1	0	2	28	1	0	0	2	4	5	13	5	0
	1730	,,	996·3	979·5	..	101·3	78·2	66·5	22·4	39	..	4·4	..	4·7	0	0	30	3	3	1	2	1	4	11	5	0
zamabad	0830	1,250	1002·3	960·7	−1·1	85·8	72·8	64·9	21·6	56	−10	4·5	−0·1	4·3	0	1	21	0	0	0	0	0	10	0	12	8
	1730	,,	996·9	966·6	..	97·3	75·4	62·7	20·1	39	..	4·2	..	2·3	0	0	15	0	1	0	0	0	2	0	12	15
lar	0830	2,178	894·5	930·8	..	79·6	70·3	64·9	21·5	66	−5	5·2	+0·6	17·6	0	26	3	0	1	0	0	0	8	11	9	1
	1730	,,	891·8	927·3	..	90·0	72·3	61·8	19·9	44	..	6·1	..	14·1	0	15	15	1	3	1	1	0	6	13	5	0
erabad, South																										
ilbarga	0830	1,503	1004·2	953·8	−0·6	80·8	70·5	64·6	21·3	61	−10	5·2	+0·4	16·1	0	20	10	0	0	0	0	0	6	17	7	0
	1730	,,	998·2	949·2	..	93·5	73·0	61·2	19·3	41	..	5·6	..	15·2	0	16	14	3	3	0	0	0	5	17	2	0
lichur	0830	1,311	1004·9	960·8	−0·4	81·4	73·9	70·0	25·2	69	0	5·8	+1·8	15·0	0	18	12	0	0	0	0	0	9	13	8	0
	1730	,,	999·4	956·5	..	92·8	75·0	64·7	21·6	47	..	6·4	..	12·1	0	13	17	0	1	0	1	1	7	14	6	0
ahbubnagar	0830	1,657	894·4	948·8	..	79·9	73·3	70·5	25·3	74	..	6·2	..	15·2	0	18	12	1	1	0	0	2	11	7	8	0
	1730	,,	891·3	945·4	..	91·1	75·5	69·0	23·8	53	..	6·1	..	12·0	0	12	18	2	1	1	2	1	6	9	8	0
derabad (Begumpet Aerodrome)	0230	1,787	891·7	941·8	..	80·7	71·1	65·6	22·1	65	..	5·4	..	18·6	0	24	6	0	0	0	2	2	11	12	3	0
	0530	,,	892·3	942·2	..	78·7	70·9	66·5	21·8	70	..	5·7		16·7	0	19	11	2	0	0	0	3	9	13	3	0
	0830	,,	893·5	943·6	−0·6	81·8	72·0	66·8	22·8	64	−7	5·7	+0·3	20·7	0	28	2	1	0	0	0	1	6	16	6	0

(f) Mean of 25 days. (g) Mean of 24 days. (k) 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, miles per hour.	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	C
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	
Hyderabad, South—*contd.*																										
Hyderabad (Begumpet Aerodrome)—*contd.*	1130	1,787	893·9	943·5	..	89·3	73·5	65·2	21·8	51	..	5·6	..	19·4	0	24	6	2	0	0	0	1	6	14	7	
	1730	,,	891·1	939·9	..	93·2	73·5	62·3	20.2	44	..	5·8	..	15·8	0	17	11	1	1	2	0	0	7	12	5	
	2330	,,	892·8	942·8	..	83·1	72·2	66·3	22·5	63	..	5·0	..	16·9	0	20	9	0	0	1	3	2	14	8	1	
Hakimpet	0530	2,012	892·2	934·5	..	77·5	69·9	65·9	21·9	70	..	5·1	..	15·2	0	18	12	1	1	1	1	0	4	19	3	
	0830	,,	893·6	935·7	..	81·3	71·4	66·3	22·2	64	..	5·1	..	20·2	0	26	4	3	1	0	0	1	2	19	4	
	1130	,,	894·1	935·6	..	88·4	72·5	63·8	20·8	49	..	4·8	..	20·2	0	26	4	4	0	0	0	1	3	17	5	
	1730	,,	891·1	932·3	..	91·1	72·4	61·6	19·6	45	..	5·2	..	15·4	0	20	10	4	3	1	1	0	3	13	5	
Hanamkonda	0830	881	1002·0	972·5	−1·2	86·5	75·9	70·4	25·8	62	+3	4·1	−1·0	11·1	0	9	21	2	0	0	1	6	1	12	8	
	1730	,,	997·5	968·7	..	98·7	76·9	64·4	21·7	40	..	4·1	..	5·5	0	1	29	5	0	0	1	0	2	18	4	
Bhadrachallam	0830	364	1002·0	989·8	..	87·5	78·2	73·8	28·7	66	..	5·3	..	8·3	0	2	27	1	1	1	3	2	6	10	5	
	1730	,,	997·4	985·4	..	97·1	78·2	68·4	24·4	46	..	6·5	..	7·9	0	3	27	3	2	1	1	3	8	8	4	
Khammameth	0830	367	1002·5	990·1	..	86·7	79·9	77·2	31·8	74	..	4·4	..	5·9	0	1	28	1	0	4	1	2	2	18	1	
	1730	,,	997·8	985·6	..	97·7	84·0	78·9	33·5	57	..	6·1	..	7·5	0	1	28	3	0	3	1	0	3	18	1	
Coastal Andhradesa																										
Nellore	0530	65	1002·0	999·8	..	85·5	75·0	69·9	24·9	60	..	5·2	..	4·3	0	0	26	0	0	0	0	3	5	13	5	
	0830	,,	1003·8	1001·6	−0·9	90·4	76.6	69·8	25·0	52	−4	6·1	+0·5	5·2	0	0	28	0	0	0	0	0	5	15	8	
	1130	,,	1003·3	1001·1	..	97·0	77·7	68·1	23·6	41	..	5·4	..	7·3	0	1	29	2	1	0	0	0	5	16	6	
	1730	,,	1000·1	997·9	..	95·3	78·5	70·6	25·6	46	..	6·1	..	6·7	0	0	29	0	0	1	8	3	3	11	3	
	2330	,,	1002·8	1000·6	..	87·6	76·4	71·1	26·0	59	..	4·8	..	4·9	0	1	26	1	0	0	2	11	5	7	1	
Ongole	0830	38	1002·8	1001·5	..	89·6	79·8	75·7	30·3	65	..	4·9	..	6·7	0	2	25	0	0	1	3	0	8	14	1	
	1730	,,	999·2	997·9	..	95·6	81·1	74·8	29·6	55	..	5·2	..	7·9	0	1	28	0	0	0	10	2	4	11	2	
Gannavaram	0530	88	1001·3	998·3	..	83·7	77·5	74·7	29·4	75	..	5·8	..	8·5	0	7	19	0	0	0	2	5	6	12	1	
	0830	,,	1002·8	999·8	..	87·3	78·2	74·0	28·8	67	..	5·2	.	13·2	0	15	14	1	0	0	3	2	5	13	5	
	1130	,,	1002·1	999·1	..	94·9	79·1	71·8	26·8	50	..	5·2	..	14·7	0	17	13	1	0	0	0	3	3	14	9	
	1730	,,	998·5	995·6	..	94·4	79·5	72·3	27·6	51	..	5·3	..	12·9	0	12	18	1	1	2	3	4	5	10	4	
	2330	,,	1001·9	998·9	..	85·7	78·3	75·0	29·8	72	..	5·1	..	10·3	0	6	23	0	0	1	1	11	5	10	1	
Masulipatam	0230	10	1000·8	1000·5	..	83·7	79·8	78·5	33·0	85	..	5·2	..	9·4	0	6	23	0	0	0	1	11	8	7	2	
	0530	,,	1001·2	1000·9	..	83·1	79·2	77·7	32·3	84	..	6·4	..	7·4	0	4	24	0	0	0	0	12	3	9	4	
	0830	,,	1002·7	1002·4	−1·0	86·9	79·6	76·4	31·2	73	+2	5·6	+0·8	10·7	0	11	19	2	0	1	1	9	2	8	7	
	1130	,,	1002·1	1001·8	..	92·7	79·9	74·0	29·1	55	..	4·8	..	11·3	0	11	18	1	0	0	0	6	3	9	10	
	1730	,,	998·9	998·6	..	91·7	80·4	75·4	30·3	63	..	5·0	..	9·5	0	2	28	0	0	0	3	10	3	8	6	
	2330	,,	1002·0	1001·7	..	85·1	80·7	79·0	33·8	83	..	4·7	..	10·0	0	6	24	2	0	0	1	12	6	4	5	
Kakinada	0830	26	1002·3	1001·4	−0·8	87·5	80·7	77·8	32·7	74	+2	5·3	−0·3	5·9	0	0	29	0	1	0	5	0	20	2	1	
	1730	,,	999·2	998·3	..	89·5	81·7	78·4	33·4	72	..	4·4	..	6·2	0	0	30	0	0	0	10	0	20	0	0	
Visakhapatnam	0230	11	999·7	999·3	..	83·0	80·5	79·5	34·4	88	..	6·5	..	8·1	0	4	21	1	0	0	1	3	14	6	0	
	0530	,,	1000·0	999·6	..	82·4	80·1	79·0	34·1	90	..	6·6	..	6·8	0	3	22	0	0	0	1	2	12	6	4	
	0830	,,	1001·2	1000·8	−1·0	86·4	81·4	79·3	34·3	80	−1	6·6	+0·2	9·8	0	9	14	1	0	0	0	1	12	6	3	
	1130	,,	1000·7	1000·3	..	90·4	84·0	81·2	36·9	75	..	5·5	..	13·9	0	16	13	0	0	1	3	5	13	5	2	
	1730	,,	998·3	997·9	..	87·8	82·1	79·3	34·9	78	..	6·4	..	12·6	0	14	16	0	0	0	4	8	10	6	2	
	2330	,,	1000·9	1000·5	..	84·0	81·1	79·9	35·0	88	..	6·3	..	7·6	0	6	17	0	0	0	3	1	10	8	1	
Calingapatam	0830	19	1001·0	1000·3	−0·7	83·9	80·2	78·8	33·6	85	+10	6·5	+1·5	8·3	0	3	27	0	0	2	3	7	11	5	2	
	1730	,,	997·9	997·2	..	86·0	81·8	80·1	35·3	83	..	6·5	..	10·2	0	6	24	0	0	1	1	10	12	5	1	
Rentachintala	0830	348	1003·4	991·6	..	87·1	76·3	70·2	26·1	60	−3	5·3	−1·3	4·3	0	1	23	1	0	0	0	0	1	17	5	
	1730	,,	997·9	986·4	..	98·8	76·9	64·7	21·6	38	..	6·5	..	4·2	0	0	27	1	0	2	0	1	0	23	0	
Rayalaseema.																										
Arogyavaram	0830	2,299	896·8	929·1	..	79·3	69·7	64·7	21·0	61	..	6·2	..	9·9	0	5	24	1	0	0	0	0	5	11	12	
	1730	,,	894·5	926·3	..	85·6	70·6	62·5	19·4	50	..	6·9	..	9·7	0	6	23	3	0	0	0	1	6	10	9	
Cuddapah	0830	428	1005·2	990·7	−0·6	88·3	74·3	66·8	22·6	50	−9	5·3	+0·2	2·3	0	0	24	0	0	0	0	0	0	24	0	
	1730	,,	1000·5	986·3	..	96·7	75·2	63·2	20·1	36	..	6·0	..	2·2	0	0	21	0	0	1	0	0	0	20	0	
Bellary	0830	1,473	1005·0	955·7	−0·6	81·5	72·2	67·4	22·8	64	+3	5·8	+0·5	6·1	0	4	24	0	2	0	0	0	2	10	14	
	1730	,,	1003·8	954·9	..	90·9	73·5	62·8	20·3	44	..	6·2	..	6·9	0	3	27	0	0	1	0	1	5	5	18	
Kurnool	0830	923	1004·8	973·6	−0·7	82·6	74·0	69·6	24·8	66	0	5·6	+0·3	16·2	0	19	11	0	0	0	0	0	10	17	3	
	1730	,,	999·4	969·0	..	94·8	76·1	66·2	22·1	43	..	5·7	..	13·9	0	14	11	0	0	0	0	0	9	14	2	
Anantapur	0530	1,147	1003·8	964·9	..	79·0	72·4	68·9	24·2	72	..	6·5	..	8·8	0	6	23	1	0	0	0	0	2	26	0	
	0830	,,	1005·0	966·4	..	82·1	73·3	68·5	24·0	64	..	5·9	..	13·1	0	14	15	0	0	0	0	0	7	20	2	
	1130	,,	1004·0	966·0	..	89·7	74·1	65·8	21·7	46	..	5·6	..	13·5	0	12	18	0	0	0	0	0	3	24	3	
	1730	,,	999·8	962·2	..	93·6	74·1	62·9	19·9	39	..	6·1	..	14·9	0	17	11	0	0	0	0	0	4	16	6	2
	2330	,,	1004·1	965·6	..	83·4	73·1	67·4	23·1	60	..	5·5	..	14·9	0	18	10	0	0	0	0	0	4	20	4	

vision 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, miles per hour.	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
d																										
ncottai	0830	167	1006·9	1001·1	..	89·5	75·6	68·5	23·9	51	..	5·2	..	4·9	0	1	26	0	0	1	0	1	4	16	5	3
	1730	,,	1003·8	998·2	..	92·4	76·8	68·5	24·4	47	..	6·0	..	7·3	0	3	27	0	0	1	1	0	6	17	5	0
n	0830	37	1006·7	1005·4	−0·6	84·9	79·8	77·7	32·7	79	+4	4·3	+1·4	8·0	0	4	26	0	0	0	0	10	15	5	0	0
	1730	,,	1003·7	1002·5	..	85·7	79·9	77·5	32·5	76	..	4·4	..	15·3	0	19	11	0	0	0	0	17	13	0	0	0
rai	0830	437	1006·2	991·4	−0·9	86·3	76·3	71·3	26·4	62	+5	5·5	+0·3	2·9	0	0	21	0	0	0	0	1	3	5	12	9
	1730	,,	1003·2	988·6	..	91·6	77·1	70·3	25·2	52	..	6·4	..	5·8	0	3	26	0	1	1	3	2	5	12	5	1
attinam . . .	0830	31	1006·1	1005·0	−0·7	86·7	76·8	72·1	27·0	63	0	5·8	+1·6	9·7	0	3	27	0	0	0	0	1	20	8	1	0
	1730	,,	1002·7	1001·7	..	90·6	79·2	74·0	28·9	60	..	5·0	..	12·0	0	11	18	0	0	1	6	10	8	3	1	1
irapali . . .	0230	289	1004·6	994·7	..	81·7	73·7	69·8	24·8	68	..	4·5	..	13·9	0	14	13	0	0	0	0	1	7	18	1	3
	0530	,,	1004·6	994·6	..	80·5	73·6	69·9	25·2	71	..	5·2	..	10·0	0	8	18	0	0	0	0	1	4	18	3	4
	0830	,,	1005·8	996·0	−1·1	85·3	75·2	70·2	25·3	61	+3	5·5	+1·2	15·3	0	15	15	0	0	0	0	1	5	23	1	0
	1130	,,	1005·1	995·4	...	93·2	76·5	68·0	23·6	44	..	5·7	..	17·2	0	19	10	0	0	0	1	0	1	25	2	1
	1730	,,	1002·3	992·6	..	93·7	76·8	68·1	23·8	46	..	6·3	..	17·7	0	16	13	1	1	0	1	1	2	18	5	1
	2330	,,	1006·0	996·1	..	83·5	74·6	69·9	25·2	65	..	4·4	..	12·1	1	10	16	0	0	0	0	1	5	18	3	3
atore	0830	1,341	1007·2	961·9	−0·2	78·9	72·8	70·1	24·8	74	−4	5·6	+1·1	10·8	0	3	27	0	0	0	0	3	15	12	0	0
	1730	,,	1004·3	959·4	..	83·2	73·7	68·6	24·1	63	..	6·6	..	12·6	0	12	18	0	0	0	0	3	15	12	0	0
atore (Peelamedu Aero-me).	0530	1,307	1005·6	961·2	..	74·5	71·7	70·2	25·3	86	..	5·4	..	12·5	0	12	18	0	0	0	12	16	1	1	0	0
	0830	,,	1006·5	962·4	..	78·6	72·8	69·8	24·9	75	..	5·6	..	13·1	1	12	17	0	0	0	0	11	17	2	0	0
	1130	,,	1005·7	962·1	..	85·0	74·1	68·3	23·8	58	..	5·1	..	16·9	0	20	10	0	0	0	0	13	14	3	0	0
	1730	,,	1003·5	959·9	..	82·9	73·4	68·4	23·8	63	..	5·8	..	18·3	0	23	7	0	0	0	1	11	16	2	0	0
	2330	,,	1006·9	962·6	..	76·1	72·3	70·2	25·4	82	..	4·7	..	15·9	0	16	14	0	1	0	0	13	16	0	0	0
. . . . .	0530	913	1004·8	973·7	..	77·2	72·9	70·7	25·7	81	..	4·8	..	2·4	0	0	19	0	0	0	0	0	19	0	0	11
	0830	,,	1006·2	975·3	−0·9	80·6	74·5	71·5	26·5	74	0	5·2	+0·3	4·7	0	0	29	0	0	0	0	0	25	4	0	1
	1130	,,	1005·4	974·9	..	87·5	75·9	70·0	25·3	57	..	4·5	..	4·6	0	0	29	0	0	0	0	2	17	9	1	1
	1730	,,	1002·1	972·0	..	91·1	76·0	68·3	23·8	49	..	5·8	..	4·0	0	0	24	1	0	0	0	2	13	6	2	6
	2330	,,	1006·0	975·1	..	80·9	73·2	69·1	24·4	68	..	5·1	..	3·7	0	0	25	0	0	0	0	2	19	4	0	5
urichi	0830	416	1004·9	990·8	..	85·7	75·9	71·2	26·1	62	..	4·8	..	..	...	...	..	..	..	..	..	..	..	..	..	..
	1730	,,	1001·4	987·5	..	93·9	77·5	69·1	24·7	46	..	5·3	..	..	...	...	..	..	..	..	..	..	..	..	..	..
lore	0530	39	1003·8	1002·5	..	81·8	74·8	71·0	27·3	71	..	4·7	..	4·8	0	1	24	0	0	0	1	3	18	3	0	5
	0830	,,	1005·4	1004·1	−0·8	87·2	76·7	71·6	26·6	61	−3	4·5	+0·2	4·2	0	0	27	0	0	0	0	3	23	1	0	3
	1130	,,	1004·9	1003·6	..	94·1	77·8	70·0	25·1	47	..	4·6	..	7·5	0	3	26	1	0	1	4	3	12	7	1	1
	1730	,,	1002·0	1000·7	..	89·9	79·0	74·0	26·9	62	..	5·5	..	6·2	0	2	26	0	0	4	9	3	7	5	0	2
	2330	,,	1005·2	1003·9	..	84·7	76·1	71·8	26·9	67	..	4·1	..	7·6	0	3	22	0	0	0	1	6	15	3	0	5
e	0530	703	1003·7	979·7	..	80·6	72·7	68·5	21·7	67	..	5·5	..	5·1	0	0	26	1	0	0	0	0	7	10	8	4
	0830	,,	1005·0	981·3	−0·8	85·0	74·2	68·4	24·0	59	−4	5·2	+1·2	4·7	0	0	27	1	0	0	0	0	4	18	4	3
	1130	,,	1004·1	980·7	..	92·0	75·8	68·3	23·1	46	..	5·2	..	8·6	0	1	29	2	0	0	0	0	4	17	7	0
	1730	,,	1001·3	978·0	..	92·3	75·7	67·0	22·8	46	..	6·5	..	7·5	0	2	27	1	3	0	0	3	6	11	5	1
	2330	,,	1004·7	980·9	..	83·8	74·1	69·0	24·4	62	..	5·6	..	5·3	0	2	23	1	0	0	1	2	7	12	2	5
is	0230	51	1002·9	1001·2	..	84·6	77·7	74·6	29·3	73	..	5·2	..	11·5	0	8	22	0	0	0	0	12	10	8	0	0
	0530	,,	1003·1	1001·3	..	83·9	76·8	73·6	28·3	72	..	5·9	..	10·4	0	8	22	0	0	0	0	9	11	10	0	0
	0830	,,	1004·8	1003·1	−0·6	88·2	77·7	72·7	27·6	61	+5	5·9	+1·1	11·1	0	8	22	0	0	1	0	3	13	13	0	0
	1130	,,	1004·1	1002·4	..	95·2	79·6	72·5	27·4	50	..	5·3	..	11·8	0	11	17	0	1	0	0	1	8	16	2	2
	1730	,,	1001·5	999·8	..	92·6	80·3	74·7	29·7	58	..	5·6	..	12·8	0	13	16	0	0	1	7	9	3	7	2	1
	2330	,,	1004·2	1002·5	..	85·5	78·7	75·7	30·5	73	..	5·1	..	10·3	0	4	25	0	0	0	1	11	10	7	0	1
is (Nungambakkam) .	0830	21	1004·3	1003·6	..	89·3	76·2	69·8	24·9	55	..	5·2	..	6·5	0	0	30	0	1	0	0	5	13	8	3	0
r and South Kanara																										
dore	0230	72	1006·5	1004·0	..	80·0	77·4	76·4	30·9	89	..	6·4	..	5·4	0	2	20	1	2	1	4	1	4	5	4	8
	0530	,,	1006·5	1004·0	..	79·3	77·1	76·1	30·8	90	..	7·2	..	4·1	0	1	22	1	2	3	2	2	6	6	1	7
	0830	,,	1007·9	1005·4	−0·5	81·6	77·9	76·2	31·0	84	−3	7·3	+0·5	4·5	0	1	26	1	1	2	4	5	3	6	5	3
	1130	,,	1008·1	1005·7	..	83·9	78·9	76·3	31·5	78	..	6·6	..	5·5	0	1	29	0	0	1	1	4	9	8	7	0
	1730	,,	1005·9	1003·4	..	83·4	78·5	76·5	31·0	80	..	6·5	..	5·6	0	0	28	0	0	0	0	5	6	7	10	2
	2330	,,	1008·0	1005·5	..	80·6	77·7	76·5	31·1	88	..	6·0	..	4·4	0	0	20	0	0	0	3	1	6	7	3	10
kode	0530	27	1006·8	1005·9	..	78·0	76·5	75·8	30·5	93	..	7·1	..	3·1	0	2	11	0	1	3	0	1	0	5	3	12
	0830	,,	1008·1	1007·2	−0·8	80·4	77·6	76·4	31·0	88	−1	7·1	+0·3	8·6	0	0	23	4	1	2	1	3	6	3	3	7
	1130	,,	1008·4	1007·5	..	83·7	79·0	77·5	31·9	81	..	6·1	..	4·8	0	0	28	2	0	0	2	0	7	10	7	2
	1730	,,	1006·1	1005·2	..	83·4	79·8	78·1	33·1	85	..	7·0	..	7·5	0	0	30	2	3	0	0	2	4	12	7	0
	*2330	,,	1008·5	1007·6	..	80·2	78·1	77·2	31·8	91	..	7·0	..	4·2	0	1	21	1	4	0	1	0	3	8	5	7
it	0830	319	1008·0	997·2	..	79·5	76·0	74·7	29·1	86	..	5·9	..	7·9	0	1	28	0	0	0	0	0	0	29	0	1
	1730	,,	1005·4	994·5	..	83·1	77·0	74·1	28·9	75	..	6·3	..	11·1	0	8	22	0	0	0	0	0	4	24	2	0

* 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, miles per hour.	Wind speed (m.p.h.).			No. of observations.								
			At mean sea or nearest s. 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
Mysore																										
Chitaldrug	0830	2,405	897·1	926·1	−0·1	75·3	69·8	66·8	22·6	75	−2	5·8	−0·4	7·3	0	1	29	0	0	0	0	0	11	18	1	0
	1730	,,	895·2	923·5	..	84·6	71·1	64·2	20·5	53	..	5·8	..	5·3	0	0	30	0	2	0	0	0	4	24	0	0
Shimoga	0830	1,872	896·3	944·0	..	76·6	72·2	69·9	25·1	81	..	6·5	..	3·3	0	0	27	0	0	0	0	4	15	8	0	3
	1730	,,	894·6	941·6	..	82·3	72·7	67·7	23·6	64	..	5·8	..	4·5	0	0	29	1	0	0	0	2	9	14	3	1
Hassan	0830	3,149	898·7	902·9	..	71·4	68·1	66·0	22·1	84	+2	6·0	−0·2	10·5	0	7	23	0	0	0	0	0	9	20	1	0
	1730	,,	896·7	901·0	..	78·0	70·1	65·8	21·9	68	..	6·3	..	14·2	0	19	11	0	0	0	0	0	9	21	0	0
Bangalore (Central Observatory)	0230	3,021	896·9	905·5	..	70·4	67·4	65·9	21·7	85	..	5·4	..	10·3	0	5	24	0	1	0	0	0	7	19	2	1
	0830	,,	898·4	906·8	−0·4	73·4	68·8	66·5	22·2	79	−1	6·3	0	10·7	0	5	25	0	0	0	0	0	8	19	3	0
	1130	,,	898·3	906·6	..	80·5	70·4	65·2	21·3	60	..	5·7	..	12·9	1	12	17	0	0	0	0	0	8	18	4	0
	1730	,,	895·8	904·2	..	82·1	70·1	63·6	20·3	56	..	6·5	..	11·5	0	9	21	1	0	0	0	1	8	15	5	0
Bangalore (Aerodrome)	0530	2,942	896·9	907·9	..	69·6	67·2	65·9	21·8	88	..	5·4	..	...	...	...	...	0	0	0	0	0	3	22	5	0
	0830	,,	898·3	909·4	..	73·9	69·1	66·6	22·3	78	..	5·9	..	...	...	...	..	1	0	0	0	0	3	20	6	0
	1130	,,	898·3	909·2	..	81·1	70·4	64·7	21·1	58	..	5·6	..	...	...	...	...	1	0	0	0	0	2	21	6	0
	1730	,,	895·9	906·7	..	83·1	70·8	63·2	20·7	54	..	6·5	..	...	...	...	...	2	0	0	0	0	4	18	6	0
	2330	,,	898·4	909·5	..	72·7	68·4	65·3	20·3	79	..	5·7	..	...	...	...	...	2	0	0	0	0	3	20	5	0
Mysore	0830	2,518	898·3	923·4	−0·4	74·3	69·9	67·0	23·2	79	+1	5·9	−0·3	9·4	0	6	24	1	0	2	1	2	10	12	2	0
	1730	,,	896·5	921·2	..	81·9	71·4	66·7	22·0	62	..	6·5	..	13·1	0	17	13	0	0	0	1	0	13	16	0	0
Bhlehonnur	0830	—	..	..	..	71·2	68·3	66·9	22·6	86	−6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Travancore-Cochin																										
Fort Cochin	0830	10	1008·6	1008·3	−1·3	81·8	78·6	76·6	31·2	84	−2	7·5	+1·1	4·7	0	2	25	0	5	10	3	1	4	3	1	3
	1730	,,	1006·5	1006·2	..	82·7	78·4	76·7	31·3	82	..	7·6	..	8·5	0	5	24	2	0	0	1	1	5	12	8	1
Cochin (Willingdon Island Aerodrom).	0230	6	1007·2	1007·0	..	78·8	76·8	75·9	30·6	91	..	6·0	..	4·0	0	0	22	1	6	2	1	1	6	4	1	8
	0530	,,	1007·3	1007·1	..	77·9	75·8	75·4	29·5	92	..	7·1	..	3·4	0	0	19	1	3	7	1	0	3	1	3	11
	0830	,,	1008·6	1008·4	..	80·7	77·4	75·9	30·5	86	..	6·9	..	4·1	0	0	21	2	6	3	3	0	3	3	1	9
	1130	,,	1008·7	1008·5	..	84·3	78·6	76·2	30·8	77	..	6·4	..	6·3	0	1	27	2	1	0	0	1	12	5	7	2
	1730	,,	1006·6	1006·4	..	82·9	77·9	75·9	30·4	79	..	7·5	..	6·1	0	1	25	2	0	0	0	0	6	8	10	4
	2330	,,	1008·9	1008·7	..	79·4	77·1	76·0	30·7	89	..	6·2	..	3·5	0	1	19	1	3	6	0	0	4	5	1	10
Alleppey	0830	12	1008·7	1008·3	..	81·9	78·5	77·0	31·7	85	..	7·1	..	9·9	0	3	27	1	6	4	1	2	3	6	7	9
	1730	,,	1006·6	1006·3	..	83·2	79·0	77·2	32·0	82	..	7·4	..	12·1	0	9	20	1	1	1	1	1	1	10	13	1
Trivandrum	0230	211	1007·5	1000·2	..	78·3	76·3	75·3	30·0	91	..	5·7	..	5·5	0	2	26	4	0	0	0	1	2	4	17	2
	0530	,,	1007·5	1000·2	..	77·6	75·9	75·2	29·8	92	..	6·4	..	3·4	0	0	27	6	1	0	0	0	1	5	14	3
	0830	,,	1008·8	1001·5	−0·8	79·9	76·8	75·4	30·1	86	0	6·9	+0·3	3·7	0	0	28	3	2	0	0	0	5	1	17	2
	1130	,,	1008·6	1001·4	..	84·7	78·0	75·1	29·7	74	..	6·1	..	6·7	0	0	30	0	0	0	0	0	7	4	19	0
	1730	,,	1006·7	999·5	..	82·6	77·2	74·8	29·5	78	..	6·9	..	8·7	0	2	28	0	0	0	0	0	4	6	20	0
	*2330	,,	1009·3	1001·9	..	78·8	76·6	75·5	30·2	90	..	5·8	..	4·9	0	0	26	4	0	0	0	0	0	5	17	3
Hill Stations excluding Kashmir																										
Kohima	0830	4,614	..	..	..	72·3	68·7	65·9	22·6	81	..	7·3	..	3·4	0	0	30	6	6	3	8	1	1	1	4	0
	1730	,,	..	..	..	70·0	67·8	66·6	22·6	89	..	7·4	..	1·6	0	0	23	5	1	2	3	1	3	3	5	7
Aijal	0830	3,599	892·7	883·1	..	71·4	69·2	68·3	23·7	90	..	6·2	..	2·9	0	0	25	0	0	13	3	3	6	0	0	5
	1730	,,	890·1	880·5	..	71·1	69·7	69·2	24·1	94	...	6·8	..	3·5	0	0	25	1	0	1	1	2	15	4	1	5
Shillong	0830	4,921	895·2	845·1	+0·1	69·7	66·2	64·4	20·6	84	+6	7·0	+0·4	1·0	0	0	9	0	0	1	2	2	3	1	0	21
	1730	,,	892·2	842·7	..	69·9	66·7	65·0	21·3	84	..	6·8	..	1·1	0	0	12	0	0	2	2	3	4	1	0	18
Cherrapunji	0830	4,309	895·1	863·5	−0·2	67·2	66·1	65·5	21·6	95	+7	7·2	0	5·5	0	3	27	0	10	5	3	3	7	1	1	0
	1730	,,	892·5	861·0	..	68·8	67·1	66·1	22·2	92	..	6·5	..	4·8	0	0	29	0	4	2	4	6	9	3	1	1
Darjiling	0830	7,432	796·8	772·7	−0·1	61·7	60·9	60·4	17·8	95	+2	7·1	+0·2	6·2	0	3	26	0	1	21	5	0	0	2	0	1
	1730	,,	794·9	771·0	..	60·7	60·0	59·5	17·6	96	..	6·5	..	4·4	0	2	22	0	0	9	7	0	1	7	0	6
Darjiling (Raj Bhawan)	0830	6,980	800·4	788·8	..	63·5	61·8	60·2	18·4	90	..	7·4	..	0·9	0	0	14	5	1	0	2	2	1	0	1	16
	1730	,,	798·3	786·9	..	63·3	62·1	61·1	18·8	93	..	7·7	..	0·7	0	0	10	1	2	0	0	0	6	1	0	20
Kalimpong	0830	3,965	892·8	871·8	−1·6	68·8	66·9	65·8	21·6	90	+2	3·7	−2·5	0·7	0	0	8	0	0	0	0	0	0	0	8	22
	1730	,,	888·7	867·9	..	71·8	69·4	67·8	23·4	89	..	3·3	..	0·7	0	0	9	0	0	0	9	0	0	0	0	21
Katmandu	0830	4,388	894·7	861·1	..	74·4	68·9	65·8	21·9	76	+3	6·2	+0·8	1·3	0	0	12	1	0	6	4	1	0	0	0	18
	1730	,,	891·9	858·6	..	76·9	70·1	66·6	22·1	71	...	6·3	..	2·1	0	1	14	3	1	3	1	1	0	3	3	15
Mukteswar (Kumaon)	0830	7,592	797·5	769·1	+0·1	64·6	56·8	49·9	13·0	67	−1	4·0	−0·1	8·6	0	6	22	0	2	2	1	0	2	14	7	3
	1730	,,	795·5	767·6	..	70·2	60·4	52·7	14·4	62	..	3·9	..	13·3	0	17	13	0	1	2	1	0	4	14	8	0
Naini Tal	0830	6,490	795·5	800·1	..	70·2	65·0	50·9	19·1	59	..	4·0	..	5·9	0	0	30	4	0	15	2	0	0	8	1	0
	1730	,,	794·2	798·7	..	72·5	62·6	55·2	15·7	59	..	4·0	..	4·9	0	0	29	3	4	13	3	0	0	4	2	
Lohpati	0830	..	..	..	..	37·6	34·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Mussoorie	0830	6,989	796·1	792·5	−1·1	68·2	60·8	56·0	14·1	69	+1	4·2	+0·2	1·7	0	0	17	2	2	0	5	6	1	1	0	13
	1730	,,	794·5	790·9	..	73·1	63·7	58·1	15·7	66	...	3·9	..	2·0	0	0	21	1	3	2	4	5	3	2	1	5

* 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, miles per hour.	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
tions excluding nir—*contd.*																										
. . . . .	0830	7,224	796·2	778·0	−0·3	68·8	58·4	50·0	13·0	60	+5	3·5	0	1·1	0	0	17	2	5	2	3	3	1	0	1	13
	1730	,,	794·9	776·9	..	72·5	60·7	51·4	13·9	57	..	4·0	..	1·6	0	0	24	1	0	1	1	11	9	0	1	6
usie	0830	6,426	794·5	795·1	..	71·6	66·0	63·6	19·8	77	..	1·5	..	1·0	0	0	8	0	2	0	3	0	3	0	0	22
	1730	,,	790·1	794·1	..	76·5	71·1	67·7	24·0	79	..	2·5	..	0·6	0	0	2	0	2	0	0	0	0	0	0	28
mshala	0830	3,975	896·9	875·8	..	80·5	65·5	56·3	15·3	50	..	2·8	..	2·4	0	0	23	7	3	4	3	0	4	0	2	7
	1730	,,	895·0	874·2	..	87·7	68·0	56·2	15·9	41	..	2·4	..	6·3	0	1	27	1	1	2	1	1	9	9	4	2
narhi	0830	3,528	894·8	887·3	−0·3	79·2	67·7	60·2	18·5	60	−8	5·3	+0·4	4·9	0	0	30	5	1	1	0	0	1	8	14	0
	1730	,,	892·0	884·7	..	88·9	69·5	56·1	16·7	42	..	4·6	..	3·6	0	0	29	2	4	0	1	1	1	9	11	1
. . . . .	0830	3,921	894·7	875·2	+0·2	75·1	65·8	57·5	17·9	66	−5	3·9	−0·6	7·7	0	5	24	1	2	1	1	6	13	4	1	1
	1730	,,	892·9	873·7	..	83·0	69·1	60·0	18·6	52	..	(*b*) 4·1	..	4·6	0	3	25	4	1	0	0	7	10	6	0	1
baleshwar	0830	4,534	897·3	858·9	−0·7	67·6	64·7	62·7	19·7	87	−7	6·3	−0·8	8·3	0	4	25	4	3	0	2	1	10	5	4	1
	1730	,,	895·2	857·0	..	69·8	66·7	65·0	21·1	87	..	6·4	..	7·9	0	5	25	1	0	0	0	1	17	3	8	0
i Hills*	0830	..																								
ara	0830	3,781	899·1	883·7	+0·1	66·9	65·9	65·2	21·3	95	+2	6·9	−0·2	4·9	0	0	28	0	0	0	0	0	1	14	13	2
	1730	,,	898·1	882·8	..	70·5	67·7	66·1	22·0	87	..	6·6	..	4·9	0	0	30	0	0	0	0	0	4	15	11	0
ikanal	0830	7,688	801·1	770·1	+0·9	60·7	54·9	50·8	12·7	71	−1	6·0	+0·8	11·9	0	11	14	1	2	0	4	0	1	2	15	5
	1130	,,	801·1	770·3	..	65·0	58·3	53·8	14·2	68	..	7·0	..	9·8	0	10	19	3	5	1	1	0	0	3	16	1
	1730	,,	799·7	768·7	..	60·4	56·5	53·7	14·2	79	..	7·3	..	10·5	0	8	20	0	3	0	2	1	2	3	17	2
amund	0830	7,378	800·5	777·7	0	59·0	55·9	53·4	14·1	83	−1	5·2	−1·0	7·5	1	5	14	3	1	1	0	1	9	5	0	10
	1730	,,	799·3	776·7	..	60·6	57·1	54·7	14·7	81	..	6·2	..	8·0	1	5	20	4	3	0	0	2	8	8	1	4
oor	0830	..	..	..	..	67·8	61·7	57·8	16·3	72	+12	4·9	−0·8	4·5	0	2	25	2	0	0	7	5	5	0	8	3
en	0830	..	..	..	..	57·6	56·1	55·6	14·9	92	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
ag (Chumbi) . . .	0830	..	..	..	..	59·5	57·6	56·5	15·8	92	+6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
. . . . .	0830	12,090	626·8	652·0	..	60·8	59·5	58·8	15·3	95	..	3·8	..	0	0	0	0	0	0	0	0	0	0	0	0	30
tse	0830	13,110	624·3	625·0	..	59·5	47·3	36·3	7·5	44	−10	2·4	−1·1	0	0	0	0	0	0	0	0	0	0	0	0	30
nbo	0830	24	1009·2	1008·4	−0·7	82·1	77·4	75·2	30·0	80	−4	6·6	+0·4	7·3	0	4	24	0	0	0	5	2	14	7	0	2
	1730	,,	1007·1	1006·3	..	83·5	77·5	74·7	29·5	75	..	6·9	..	8·4	0	2	28	0	0	0	1	4	17	7	1	0
omalee	0830	,,	1006·9	1006·1	0	83·8	76·5	72·8	27·9	70	−7	7·0	+2·8	11·4	0	15	15	0	0	0	0	3	25	2	0	0
	1730	,,	1004·3	1003·5	..	84·5	75·0	72·6	25·3	63	..	7·2	..	11·5	0	14	16	1	1	3	6	1	17	1	0	0
coloa	0830	20	1007·1	1006·8	..	83·5	77·7	74·8	29·9	76	..	5·1	..	5·1	0	1	26	0	0	1	1	8	6	7	4	3
	1730	,,	1004·4	1004·1	..	88·2	80·5	76·2	31·9	70	..	6·0	..	9·6	0	13	17	0	1	3	12	7	2	5	0	0
bantota	0830	50	1008·5	1006·8	0	82·1	77·6	75·3	30·3	81	−5	6·3	+2·0	12·6	0	18	12	0	0	0	0	2	23	5	0	0
	1730	,,	1006·2	1004·4	..	84·1	77·8	74·3	29·7	74	..	6·5	..	18·0	0	29	1	0	0	0	0	3	23	4	0	0
nar	0830	12	1007·2	1006·8	..	84·4	80·4	78·5	33·6	83	..	7·0	..	10·4	0	7	23	0	0	0	0	10	20	0	0	0
	1730	,,	1004·8	1004·4	..	84·9	80·4	78·0	33·4	81	..	7·0	..	11·7	0	16	14	0	0	0	0	10	20	0	0	0
OMETEOROLOGICAL RVATORIES																										
dar Catchment																										
ro	0530	784	998·2	971·7	..	79·8	76·1	74·1	29·1	84	..	5·9	..	3·6	0	0	22	0	0	9	10	0	1	0	2	8
	0830	,,	999·1	972·8	..	84·9	78·0	74·8	29·6	73	..	6·6	..	6·7	0	2	26	0	1	4	15	1	4	1	2	2
	1130	,,	998·3	972·4	..	91·7	78·1	70·9	26·7	56	..	6·1	..	8·7	0	3	26	2	0	6	14	0	4	2	1	1
	1730	,,	995·8	969·7	..	88·0	76·1	69·0	25·3	61	..	7·0	..	8·0	0	3	27	1	1	7	10	1	2	4	4	0
	2330	,,	998·7	972·3	..	82·5	76·8	74·1	28·9	77	..	5·1	..	4·7	0	1	22	2	0	6	12	0	2	1	0	7
aribagh	0530	2,019	888·9	930·7	..	77·1	72·2	69·4	25·0	80	..	5·0	..	4·9	0	1	25		1	7		6	5	5	1	4
	0830	,,	890·5	932·0	..	83·1	74·0	69·4	25·0	67	..	4·6	..	·2	0	2	27	0	1	5	3	7	7	4	2	1
	1130	,,	890·8	931·8	..	89·2	74·2	65·3	22·7	55	..	4·6	..	7·9	0	3	27	2	0	9	3	3	2	5	6	0
	1730	,,	888·2	929·3	..	85·6	73·7	67·2	23·5	62	..	5·8	..	6·1	0	0	29	2	2	11	4	1	3	2	4	1
	2330	,,	889·7	931·4	..	79·2	72·7	69·3	24·8	75	..	4·1	..	4·3	0	0	25	1	1	9	3	6	5	0	0	5
i	0830	..	..	..	..	86·8	76·4	70·8	26·3	64	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1730	..	..	..	..	89·3	75·5	67·4	23·9	56	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
ngarh	0830	..	..	..	..	86·7	77·6	73·1	28·2	67	..	..	..	4·5	0	0	30	2	12	0	7	0	1	2	6	0
	1730	..	..	..	..	89·3	76·5	69·3	25·3	59	..	..	..	3·8	0	0	25	1	8	0	6	0	1	2	7	5
nbad	0530	839	998·2	969·8	..	80·7	77·5	76·0	30·8	89	..	4·8	..	5·6	0	1	29	1	5	11	4	3	6	0	0	0
	0830	,,	999·2	971·1	..	85·0	78·3	75·1	30·0	74	..	4·7	..	7·0	0	4	25	1	3	10	2	6	5	2	0	1
	1130	,,	998·4	970·6	..	91·6	79·4	73·9	28·8	60	..	4·5	..	7·2	0	4	26	0	6	7	3	5	4	3	2	0
	1730	,,	996·0	968·1	..	88·8	76·8	67·6	26·0	60	..	6·0	..	9·4	0	6	24	3	3	11	2	2	3	4	2	0
	2330	,,	998·6	970·4	..	82·1	77·7	75·6	30·4	82	..	3·5	..	6·6	0	5	22	1	4	12	4	0	4	2	0	3

*Data not reliable.

(*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, miles per hour.	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.*																										
Mahanadi Catchment																										
Baramul	0830	210	999·8	992·7	..	88·1	79·7	76·2	31·9	69	..	..	..	1·2	0	0	15	1	1	1	4	3	4	0	1	15
	1730	,,	996·7	989·6	..	90·5	79·1	74·0	29·0	62	..	..	..	1·3	0	0	14	0	0	0	0	4	5	2	3	11
Hirakud	0830	522	1002·5	985·0	..	90·4	78·5	73·4	27·9	59	..	..	..	2·7	0	0	24	0	5	0	7	1	10	0	1	1
	1730	,,	998·1	980·9	..	96·7	76·9	66·0	22·6	44	..	..	..	2·1	0	0	20	0	8	0	1	0	10	0	1	11
Barkachhar	0830	..	..	..	..	90·0	75·3	67·3	23·3	53	..	5·3	..	9·9	0	9	21	2	1	0	1	1	13	8	4	0
	1730	..	..	..	..	95·3	75·5	63·3	21·2	45	..	5·4	..	6·3	0	2	28	5	2	0	0	2	8	7	6	0
Sonepur	0830	..	..	..	..	90·4	70·5	74·8	29·5	62	..	..	..	7·0	0	6	22	3	3	5	6	0	1	9	1	2
Ginabahar	0830	..	..	..	..	86·3	72·1	64·3	20·5	48	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Ganga Catchment																										
Tapoban(R)	0830																									
Badrinath	0830	..	..	..	..	48·6	47·1	45·5	10·5	91	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Narbada Catchment																										
Punasa	0830	..	..	..	..	84·9	75·8	71·0	26·3	66	..	4·3	..	8·3	0	2	28	0	0	0	0	2	19	8	1	0
	1730	..	..	..	..	97·8	77·2	65·9	22·5	41	..	4·3	..	11·1	0	12	18	1	3	0	0	1	13	8	4	0
Bagra Tawa	0830	..	..	..	..	89·0	74·8	66·4	23·0	54	..	4·6	..	4·9	0	0	29	3	2	0	0	1	20	1	4	1
	1730	..	..	..	..	98·7	74·9	59·4	18·7	34	..	4·8	..	5·1	0	0	30	3	3	1	0	0	14	4	5	0
Thikri	0830	..	..	..	..	87·9	77·8	73·1	27·9	68	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Tapti Catchment																										
Nanduribar	0830	..	..		..	83·2	76·7	73·4	28·4	72	..	..	..	..	..	..	..	..	..	—	—	—	..	..	..	..
Sabarmati Catchment																										
Jhadol	0830	..	..	..	..	82·7	75·9	72·7	27·5	72	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Dharoi*	0830																									

(R) Register not received. *Data not reliable.

RADIOSONDE DATA
MEAN DYNAMIC HEIGHT, TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACES
(From Ascents at 15 hrs. G. M. T.)
JUNE 1953

	ALLAHABAD (Sur. Pr. 985 mb.)						CALCUTTA (999 mb.)						JODHPUR (973 mb.)					
	No. of Obs.	Ht. Gpm.	Temperature °A.				No. of Obs.	Ht. Gpm.	Temperature °A.				No. of Obs.	Ht. Gpm.	Temperature °A.			
			Mean	Max.	Min.	Dew Point			Mean	Max.	Min.	Dew Point			Mean	Max.	Min.	Dew Point
face	30	96	307·1	313	300	294·4	30	5	300·6	304	298	298·2	30	218	309·2	314	302	291·0
000	23	−41	..	..	..	..	30	−1	..	..	..	..	30	−31	..	..	..	..
900	23	915	304·1	311	295	289·4	30	936	297·7	305	296	293·0	30	924	303·8	308	300	288·4
850	23	1426	300·1	306	293	287·0	30	1431	296·1	302	292	289·6	30	1433	299·3	303	295	286·7
800	23	1959	295·8	300	290	285·1	29	1965	292·8	300	287	286·9	30	1936	294·9	298	290	284·2
700	23	3106	287·0	290	285	279·1	29	3103	286·6	295	281	281·9	30	3110	287·0	293	282	276·4
600	22	4389	277·4	281	272	270·2	29	4385	278·7	286	272	278·7	30	4390	278·3	283	273	268·4
500	22	5852	269·6	273	263	..	29	5859	271·5	278	264	271·0	30	5855	269·9	275	264	..
400	22	7584	260·9	265	254	..	28	7603	262·2	267	254	..	30	7585	259·0	265	251	..
300	20	9731	248·3	252	241	..	27	9766	250·5	261	238	..	30	9711	245·4	251	240	..
250	18	10989	238·9	244	232	..	26	11090	242·0	253	228	..	30	10998	236·8	244	228	..
200	15	12588	229·8	234	224	..	20	12613	231·1	242	217	..	30	12511	226·1	232	219	..
175	13	13481	224·2	229	218	..	12	13466	222·6	233	210	..	19	13401	218·9	228	209	..
150	9	14468	218·0	223	212	..	8	14488	216·9	230	207	..	12	14399	214·0	221	205	..
125	..	..	..	..	..	..	..	..	..	..	..	..	9	16536	208·9	215	202	..
100	..	..	..	..	..	..	..	..	..	..	..	..	8	16883	204·5	211	197	..
80																		

	MADRAS (1002 mb.)						NAGPUR (965 mb.)						NEW DELHI (974 mb.)					
face	30	15	303·8	307	301	296·7	20	307	306·9	314	299	288·1	29	206	303·3	309	299	298·1
000	30	39	..	..	..	..	20	−17	..	..	..	..	29	−30	..	..	..	..
900	30	970	299·1	305	293	290·1	20	931	303·2	311	297	287·3	29	918	301·9	308	294	291·7
850	30	1470	295·6	301	290	287·6	19	1438	299·4	307	291	285·3	29	1425	299·0	304	292	289·8
800	30	1996	291·3	296	286	285·3	19	1970	295·3	303	288	283·3	29	1961	294·8	300	286	287·8
700	30	3129	284·2	288	279	278·3	18	3108	288·6	293	283	277·8	29	3107	286·5	291	283	282·4
600	29	4401	275·7	278	269	270·0	16	4386	277·0	279	274	270·5	29	4392	277·7	283	270	275·2
500	27	5853	267·9	271	261	..	20	5844	268·5	273	265	..	28	5859	269·9	276	264	..
400	25	7580	258·0	266	250	..	17	7558	258·8	263	254	..	28	7595	259·9	266	252	..
300	19	9682	245·6	250	238	..	12	9679	245·0	249	242	..	27	9736	247·8	255	241	..
250	13	11000	237·2	240	233	..	8	10978	237·9	241	235	..	26	11051	240·2	250	231	..
200	7	12496	225·3	230	218	..	5	12515	227·0	233	225	..	21	12561	229·8	237	221	..
175													16	13462	225·4	233	214	..
150													11	14502	222·8	229	212	..
125																		
100																		
80																		

TE.—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.

RADIOSONDE DATA
MEAN DYNAMIC HEIGHT, TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACES
(From Ascents at 15 hrs. G. M. T.)
JUNE 1953

	POONA (942)						PORT BLAIR (998)						SHILLONG (837)					
	No. of Obs.	Ht. Gpm.	Temperature °A.				No. of Obs.	Ht. Gpm.	Temperature °A				No. of Obs.	Ht. Gpm.	Temperature °A.			
			Mean	Max.	Min.	Dew Point			Mean	Max.	Min.	Dew Point			Mean	Max.	Min.	Dew Point
Surface	28	557	299·4	305	296	293·4	27	81	299·2	300	298	296·9	30	1599	292·1	294	290	292·1
1000	28	35	..	..	..	..	27	62	..	..	..	..	20	43	..	..	..	..
900	28	967	296·3	303	291	290·9	26	987	295·0	297	294	291·6	20	969	..	..	..	..
850	28	1460	294·5	301	290	287·4	26	1482	292·7	295	291	288·4	20	1468	..	..	..	..
800	28	1955	291·2	299	288	283·3	26	2006	290·3	293	288	284·7	30	1985	291·1	294	287	290·2
700	28	3127	286·0	291	278	276·6	26	3134	284·1	286	281	277·5	30	3120	284·7	290	276	284·2
600	27	4406	278·2	282	275	269·8	26	4444	277·1	279	274	272·0	30	4401	278·4	284	273	277·5
500	24	5879	269·8	273	267	..	24	5870	269·0	272	266	..	30	5868	271·1	277	263	273·7
400	23	7612	260·4	263	257	..	21	7597	259·6	262	257	..	30	7618	262·5	269	256	..
300	21	9750	247·6	253	244	..	15	9722	246·3	250	243	..	28	9791	250·5	258	245	..
250	20	11054	238·9	243	235	..	11	11016	237·2	240	234	..	26	11110	243·0	249	236	..
200	18	12569	227·4	235	222	..	9	12526	225·7	228	222	..	26	12656	232·7	243	224	..
175	13	13445	219·9	223	215	..	7	13399	220·4	223	213	..	18	13560	225·4	235	217	..
150	11	14417	212·3	216	207	..	7	14388	213·9	218	203	..	14	14630	220·0	232	209	..
125	8	15550	205·9	210	202	..							9	15823	217·8	232	208	..
100													8	17259	213·9	227	207	..
80													5	18484	211·4	223	202	..

	TRIVANDRUM (1001)						VERAVAL (1001)						VISAKHAPATNAM (994)					
Surface	30	63	300·0	302	297	297·1	30	8	301·5	303	299	299·0	30	48	302·5	305	299	299·1
1000	30	75	..	..	..	..	29	15	..	..	..	..	30	−4	..	..	..	..
900	30	1002	294·3	297	292	291·1	29	952	296·7	301	294	290·7	30	932	298·8	307	293	292·4
850	30	1495	291·7	295	289	288·1	29	1447	295·0	300	291	286·1	30	1434	296·7	305	291	289·5
800	30	2017	289·0	294	286	284·0	28	1975	292·5	298	288	283·3	30	1964	293·4	301	287	286·8
700	30	3144	283·7	282	266	275·0	27	3116	286·5	291	283	275·6	30	3102	285·4	291	279	280·0
600	30	4416	276·4	277	262	270·8	26	4399	279·0	284	275	270·3	30	4376	276·8	280	272	272·7
500	30	5873	268·5	271	265	..	23	5874	270·4	273	268	..	30	5836	268·2	273	264	..
400	30	7598	258·7	263	254	..	21	7615	260·2	265	256	..	29	7567	259·7	265	255	..
300	24	9722	245·0	249	242	..	13	9758	246·0	253	242	..	23	9718	247·6	257	241	..
250	19	11002	236·1	242	232	..	12	11050	236·8	244	233	..	22	11012	239·7	251	234	..
200	18	12516	226·7	232	220	..	10	12576	227·4	233	223	..	18	12544	228·9	243	222	..
175	7	13350	216·9	220	215	..	9	13459	223·0	227	219	..	10	13445	222·1	235	213	..
150	6	14301	208·0	213	205	..	6	14458	218·8	224	212	..	9	14422	213·3	229	203	..
125													5	15467	203·2	209	195	..
100																		
80																		

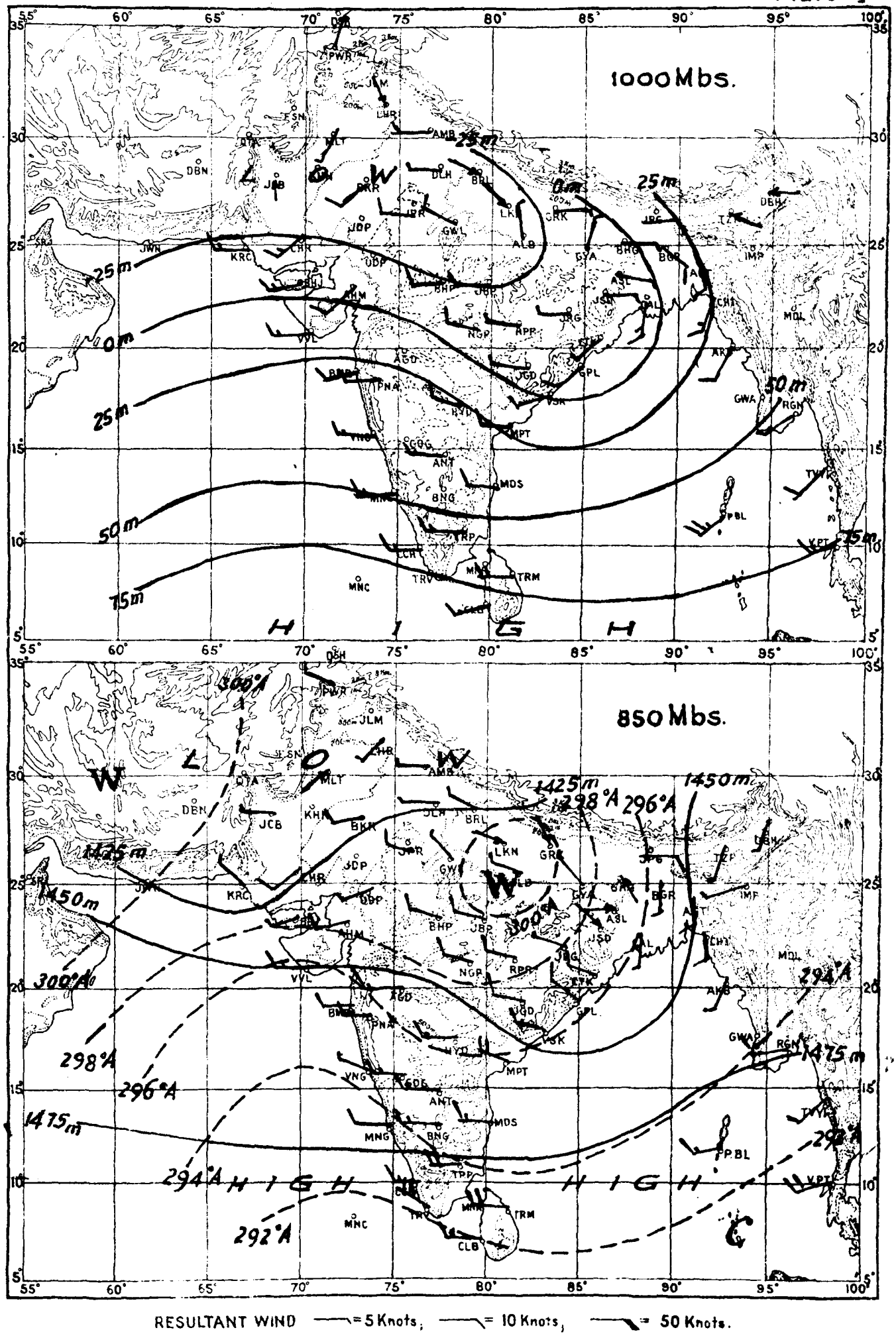
NOTE.—Number of observations refer to those of dynamic height.
Means are not worked out for temperature and dew point for the 1000 mb. surface and for dew point for standard pressure surfaces with temperatures less than 273°A.
Means are not worked out for less than five observations at standard pressure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

GIPN—S1—3DDG Obs. Poona—10-12-54—260.

MONTHLY MEAN CONSTANT PRESSURE CHARTS.

JUNE 1953

Plate I



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

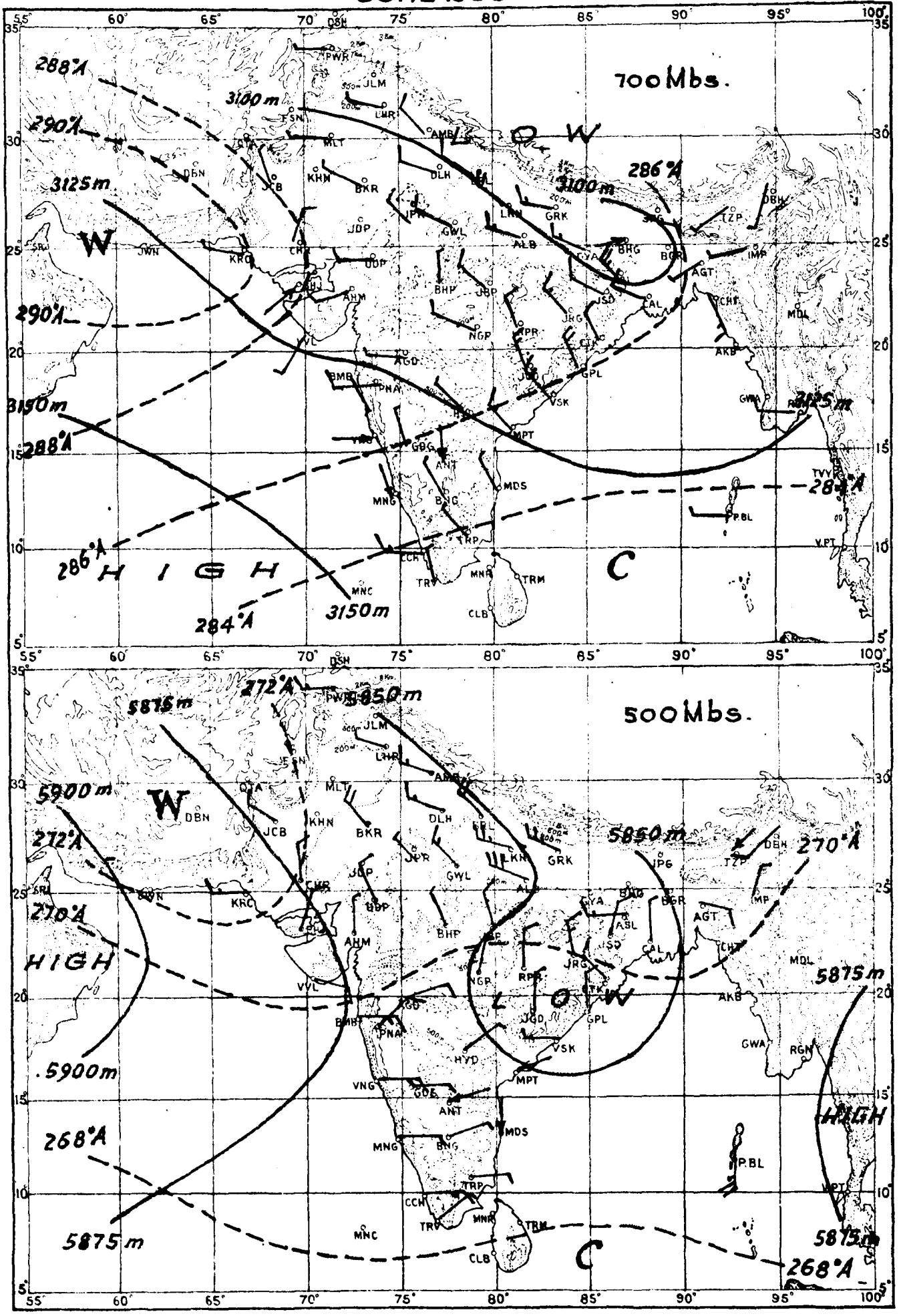
------ Isotherms in degrees absolute. ——— Contours in geopotential metres.

G.PZ.P.POONA.51.

MONTHLY MEAN CONSTANT PRESSURE CHARTS.

JUNE 1953

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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INDIA WEATHER REVIEW, 1953

Monthly Weather Report

July

Published by authority of the Government of India

The chief features of the month were : (1) well distributed rainfall over the country as a whole, although no depressions formed in the Bay of Bengal, and, (2) floods in many parts of the Konkan, Deccan (Desh) and Bihar, which caused considerable damage to crops.

Under the influence of a 'low' over north Madhya Bharat, the monsoon strengthened in Chota Nagpur and east Madhya Pradesh between the 2nd and 7th. Widespread rain also occurred in Gangetic West Bengal on the 5th and 6th, in east Uttar Pradesh on the 4th and 5th, in northwest Madhya Pradesh and Gujarat on the 7th and 8th and in Rajasthan on the 8th. Surat recorded 9″ of rain on the 7th.

The monsoon revived over Uttar Pradesh on the 8th and remained active over the whole of north India, outside Rajasthan, between the 10th and 15th. Locally heavy to very heavy rain fell in northwest Uttar Pradesh during this period, and in the Punjab (I) between the 10th and 12th. A rapid rise in the level of the Imphal river also caused floods in Manipur valley in Assam. Floods were also reported from the Muzaffarpur district in Bihar during this period, which caused considerable damage to life and property.

In the Peninsula, monsoon was markedly active in Malabar-south Kanara and Travancore-Cochin during the first week of the month, after which it showed signs of slight weakening. Vigorous monsoon conditions again prevailed over the south Konkan between the 9th and 15th and over the north Konkan between the 13th and 15th. Very heavy rain was reported from south Deccan (Desh) on the first two days of the month. According to newspaper reports, this heavy rainfall was responsible for floods in the Kolhapur district of Deccan (Desh) and the Ratnagiri district of the south Konkan. During this period the river Krishna also rose in spate and inundated many low-lying areas in the vicinity of Vijayawada.

Fairly widespread rain occurred in Vindhya Pradesh and north Hyderabad between the 10th and 14th, and in Madhya Pradesh on the 14th with locally heavy to very heavy rain in north Madhya Pradesh on that date. Thereafter, the monsoon generally weakened throughout the country with the exception of Assam.

By the 22nd, the monsoon again strengthened over north India. Widespread and heavy to very heavy rain fell in east Uttar Pradesh on the 22nd and in north Uttar Pradesh, the Punjab (I) and the south Konkan on the 23rd. Marmagao recorded 10″ of rain on the 23rd. Fairly widespread rain was reported from northeast India between the 25th and 28th. During this period the rivers Kosi, Kamala, Balan and Jiwach in Bihar rose in spate and inundated about 200 villages in Darbhanga district.

Under the influence of a low pressure wave, which moved across the south Peninsula between the 24th and 27th the monsoon revived over the interior of the Peninsula and the central parts of the country. Vigorous monsoon conditions prevailed over the Konkan between the 28th and 31st and in Malabar-south Kanara on the 30th and 31st. Bombay (Santacruz) recorded 12″ of rain on the 28th.

The total rainfall for the month was in large excess in east Uttar Pradesh, the Punjab (I), the Konkan, Rayalaseema, Malabar-south Kanara, Mysore and Travancore-Cochin; in moderate excess in the Bay Islands, Bihar west Uttar Pradesh and in slight excess in Chota Nagpur, Vindhya Pradesh, north Hyderabad and Tamilnad. It was normal in Assam, West Bengal, Madhya Pradesh, Deccan (Desh), south Hyderabad and coastal Andhradesa; in slight defect in east Rajasthan and Madhya Bharat and in moderate defect in Orissa, west Rajasthan, Gujarat and Saurashtra and Kutch. Averaged over the plains of India, the rainfall was 17% in excess.

The mean maximum temperature was normal throughout the country except in east Uttar Pradesh where it was below normal. The mean minimum temperature was normal all over the country.

The mean relative humidity in the morning was normal every where in the country except in Bihar, Uttar Pradesh, the Punjab (I), the Konkan and north Hyderabad where it was above normal.

The mean cloud amount in the morning was above normal in east Uttar Pradesh and the Punjab (I), below normal in west Rajasthan 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 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 :
Dated the 23rd March 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								
Assam (including Manipur & Tripura).	17·10	108	88·5	77·0	87	83	6·7	6·2
	+1·33	..	−0·5	−0·3	+2	..	+0·3	..
West Bengal .	17·13	104	88·8	78·1	87	83	6·2	6·3
	+0·68	..	−0·5	−0·6	+3	..	−0·3	..
Orissa .	8·53	65	89·1	78·7	84	80	6·3	6·7
	−4·61	..	+0·9	+0·4	+2	..	+0·2	..
Bihar . . .	16·31	126	87·9	77·8	87	83	6·9	6·8
	+3·34	..	−1·3	−0·1	+5	..	+0·7	..
Uttar Pradesh .	19·81	165	90·1	78·4	87	78	6·5	6·1
	+7·82	..	−2·2	−0·6	+8	..	+1·1	..
Punjab (I) (Including PEPSU & Delhi).	12·50	162	95·8	79·8	82	63	5·2	4·4
	+4·78	..	−1·2	−0·5	+9	..	+1·1	..
Rajasthan . .	3·76	70	95·7	80·4	72	52	4·4	5·0
	−1·62	..	+0·6	+1·2	0	..	−0·4	..
Sub-Division								
Bay Islands .	22·09	143	84·6	74·6	84	89	6·9	6·9
	+6·66	..	+0·8	−0·5	0	..	+0·3	..
Assam (Including Manipur & Tripura).	17·10	108	88·5	77·0	87	83	6·7	6·2
	+1·33	..	−0·5	−0·3	+2	..	+0·3	..
West Bengal .	17·13	104	88·8	78·1	87	83	6·2	6·3
	+0·68	..	−0·5	−0·6	+3	..	−0·3	..
Orissa. . .	8·53	65	89·1	78·7	84	80	6·3	6·7
	−4·61	..	+0·9	+0·4	+2	..	+0·2	..
Chota Nagpur .	17·00	125	87·1	76·3	85	82	6·9	7·3
	+3·37	..	−0·8	0	+3	..	+0·5	..
Bihar . . .	16·00	126	88·6	78·8	87	84	6·8	6·4
	+3·32	..	−1·7	−0·1	+6	..	+0·9	..
Uttar Pradesh, East.	22·46	180	89·0	78·6	87	81	6·9	6·1
	+10·00	..	−3·1	−0·8	+7	..	+1·4	..
Uttar Pradesh, West.	16·82	147	91·4	78·1	86	75	6·1	6·1
	+5·37	..	−1·1	−0·3	+8	..	+0·7	..
Punjab (I) (including PEPSU and Delhi).	12·50	162	95·8	79·8	82	63	5·2	4·4
	+4·78	..	−1·2	−0·5	+9	..	+1·1	..
Jammu & Kashmir.		(Data incomplete)						
Rajasthan, West .	1·69	55	100·0	82·8	67	44	3·1	3·8
	−1·40	..	+0·8	+1·8	−1	..	−0·9	..
Rajasthan, East (including Ajmer).	5·84	76	92·3	78·5	76	60	5·4	6·2
	−1·84	..	+0·5	+0·7	+1	..	0	..
Madhya Bharat .	11·88	89	88·1	75·7	85	73	7·2	7·2
	−1·40	..	0	+0·5	+2	..	−1·0	..
Vindhya Pradesh .	18·86	124	88·6	76·6	85	78	7·1	7·3
	+3·59	..	−0·1	−0·4	+4	..	+0·6	..

	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—contd.								
8. Madhya Bharat & Vindhya Pradesh.	14·50	103	88·3	76·1	85	75	7·2	7·2
	+0·47	..	−0·1	+0·1	+3	..	+0·8	..
9. Madhya Pradesh .	14·04	97	86·7	74·8	85	75	7·3	7·2
	−0·43	..	+0·4	+0·6	+3	..	+0·8	..
10. Bombay (including Saurashtra & Kutch).	17·33	117	87·3	75·2	86	73	6·8	6·9
	+2·53	..	+0·6	+0·1	+5	..	+0·2	..
11. Hyderabad . .	7·70	107	88·0	73·0	83	64	6·5	6·8
	+0·48	..	+0·4	+0·5	+4	..	+0·7	..
12. Madras (including Travancore-Cochin).	11·03	157	90·7	76·7	75	67	6·1	6·6
	+4·01	..	−0·7	−0·2	+2	..	+0·3	..
13. Mysore . .	16·52	166	78·7	66·8	90	70	7·1	7·1
	+6·54	..	−0·7	+0·3	+5	..	+0·2	..
Mean of India .	13·06	117	89·5	76·7	83	71	6·4	6·4
	+1·85	..	−0·2	+0·2	+4	..	+0·4	..
Sub-Division—contd.								
15. Madhya Pradesh, East.	14·90	97	85·8	74·4	85	78	7·2	7·2
	−0·47	..	+0·7	+0·6	+3	..	+0·7	..
16. Madhya Pradesh, West.	13·51	97	87·2	75·6	85	73	7·3	7·2
	−0·41	..	+0·3	+0·6	+3	..	+0·9	..
17. Gujarat . .	7·84	62	90·2	77·7	88	72	7·0	6·9
	−4·88	..	+0·9	+0·5	+3	..	+0·1	..
18. Saurashtra and Kutch.	4·38	55	91·3	79·3	84	72	6·3	6·5
	−3·57	..	+0·9	+0·6	+3	..	+0·2	..
19. Konkan . .	30 98	172	84·0	75·8	91	87	7·3	7·1
	+21·35	..	−0·5	−0·7	+7	..	+0·2	..
20. Deccan (Desh) .	12·07	98	84·9	71·0	84	71	6·8	7·1
	−0·27	..	+0·8	+0·1	+5	..	+0·4	..
21. Hyderabad, North.	9·17	113	86·5	72·1	86	65	6·7	6·8
	+1·09	..	+0·2	+0·5	+6	..	+0·7	..
22. Hyderabad, South	6·24	98	89·2	73·7	80	63	6·4	6·9
	−0·13	..	+0·6	+0·5	+3	..	+0·6	..
23. Coastal Andhradesa	5·44	107	92·6	79·3	75	68	6·2	6·2
	+0·37	..	+0·3	+0·5	0	..	−0·1	..
24. Rayalaseema .	7·12	224	91·9	75·2	72	57	6·3	6·7
	+3·94	..	−0·7	−0·9	+5	..	+0·2	..
25. Tamilnad . .	2·65	115	92·7	77·0	69	61	5·4	6·5
	+0·35	..	−1·2	−0·1	+1	..	+0·5	..
26. Malabar and South Kanara.	56·54	158	82·3	72·9	93	89	7·7	7·7
	+20·86	..	−0·7	−1·3	+1	..	+0·7	..
27. Mysore . .	16·52	166	78·7	66·8	90	70	7·1	7·1
	+6·54	..	−0·7	+0·3	+5	..	+0·2	..
28. Travancore-Cochin	32·01	206	82·9	73·4	89	85	7·7	7·5
	+16·47	..	−0·7	−0·9	+3	..	+0·9	..

N.—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. 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																												
Table Island	81·7	...	86	7 days	77·3	...	73	8 days	6·75	14·13	...	2·37	7	13	...	16·1	16·0	...	21	0	0	3	0	0	0	0	0	0
Maya Bandar	85·2	...	89	14,20	73·9	...	71	7,10	7·41	20·42	...	1·95	27	22	...	8·9	7·1	...	26	0	0	7	0	0	0	0	0	0
Long Island	86·6	...	92	21	75·4	...	71	17	10·08	21·37	...	4·38	28	18	...	3·9	2·7	...	19	0	0	0	0	0	7	0	0	0
Port Blair	84·6	+0·8	88	21	74·6	+0·5	71	11	8·36	22·09	+6·66	2·42	8	20	−0·5	13·7	10·1	−5·8	29	0	0	10	0	0	0	0	0	0
Kondul	84·6	...	87	6 days	77·9	...	73	20	3·76	10·33	...	2·06	16	18	...	5·1	5·1	...	21	0	0	1	0	0	0	0	0	0
Car Nicobar	86·9	...	89	12,15,16	78·7	...	71	22	8·86	13·76	...	2·95	16	17	...	4·0	2·7	...	17	0	0	0	0	0	0	0	4	0
Noncowry	85·5	...	88	4 days	78·1	...	74	17,30	4·33	7·16	...	1·17	13	14	...	8·9	7·7	...	20	0	0	3	0	0	0	0	1	0
Assam																												
Mawsynram	...	...	...	...	...	...	...	...	...	159·30	...	13·90	14	30	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dibrugarh	86·5	−0·8	92	5,7,31	76·2	+0·8	74	11	1·00	21·25	+0·13	2·79	8	22	+0·7	1·2	1·3	+0·3	28	0	0	6	0	0	0	0	0	0
Dibrugarh (Mohanbari Aerodrome).	87·4	...	94	7,31	76·3	...	74	9,11	1·56	23·42	...	2·76	7	21	...	3·5	2·4	...	28	0	0	17	0	0	0	0	0	0
Sibsagar	86·1	−3·1	92	31	77·9	+0·2	75	7,13	2·31	25·49	+7·50	4·77	29	25	+5·3	3·7	3·6	+1·4	29	0	0	0	0	0	0	0	0	0
Tezpur	89·8	+0·4	95	31	78·3	+0·7	76	6,11,29	1·70	9·78	−3·91	1·44	29	16	−0·9	0·6	0·9	−0·8	22	0	0	5	0	0	0	0	0	0
Tezpur (P.B.O.)	89·5	...	97	31	78·1	...	75	6,29	1·99	10·24	...	1·45	11	15	...	2·5	1·6	...	26	0	0	19	0	0	0	0	0	0
Gauhati	89·3	−0·4	93	20,31	76·4	−1·8	75	8 days	1·44	11·24	−1·04	3·94	10	16	+0·7	3·0	1·7	+0·3	24	0	0	0	0	0	0	0	0	0
Gauhati (Kaikuchi Aerodrome).	88·5	...	94	31	78·4	...	77	6 days	5·78	13·27	...	2·40	27	22	...	...	...	...	26	0	0	20	0	0	0	0	0	0
Dhubri	86·2	+0·2	91	2,9,31	78·1	−0·1	76	16	10·96	27·00	+9·81	4·33	16	21	+4·9	3·3	3·2	−0·5	21	0	0	0	0	0	0	0	0	0
Silchar	88·7	−1·5	99	31	76·7	−0·5	75	26,27	8·19	17·34	−3·18	1·62	12	26	+3·3	1·9	1·1	−0·6	28	0	0	9	0	0	0	6	0	0
Tura	83·9	...	90	30	74·2	...	73	7 days	9·04	30·91	...	5·25	21	25	...	4·7	3·5	...	29	0	0	0	0	0	0	0	0	0
Lumding	92·8	+1·6	99	31	75·1	−1·3	72	31	1·06	7·61	+0·02	3·54	6	6	−5·5	4·3	2·7	...	8	0	0	0	0	0	0	0	0	0
Agartala	88·1	...	92	3,21,31	76·6	...	75	5 days	6·66	14·82	...	2·25	10	18	...	...	...	...	23	0	0	3	0	0	0	0	0	0
Imphal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	0	0	0	0	0	0
West Bengal																												
Dum Dum	89·3	...	95	31	79·8	...	76	26,27	3·52	14·77	...	5·40	10	15	...	8·7	8·4	...	23	0	0	8	0	0	0	0	0	0
Calcutta	90·1	+0·6	95	17	79·8	+1·2	77	17,26	2·57	5·19	−7·62	1·48	12	13	−4·5	5·2	3·9	+0·2	20	0	0	10	0	0	0	0	3	0
Barrackpore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	0	16	0	0	0	0	0	0
Saugor Island	86·3	−1·1	90	30	80·6	+0·5	75	17	1·98	8·15	−7·29	1·77	6	15	−1·5	15·5	15·7	+3·6	18	0	0	3	0	0	0	1	0	0
Sandheads	...	...	...	...	...	...	...	...	3·56	5·93	−5·02	2·76	18	12	−0·7	...	...	...	15	0	0	1	0	0	0	0	0	0
Midnapore	89·8	+0·1	95	21	78·5	−0·5	75	27	0	13·19	+0·45	2·94	3	18	+1·7	...	...	...	20	0	0	0	0	0	0	0	0	0
Contai	87·9	...	90	7 days	79·4	...	75	17	2·68	6·02	...	1·87	28	12	...	7·8	7·4	...	15	0	0	3	0	0	0	0	1	0
Bankura	...	...	...	...	...	...	...	...	...	11·21	−1·77	2·22	4	20	+4·3	...	...	...	...	...	...	...	...	...	...	...	...	...
Burdwan	89·6	−0·5	95	22	73·1	−5·9	68	6,22	5·63	15·16	+2·36	3·90	22	18	+2·0	3·5	2·7	+0·1	19	0	0	0	0	0	0	0	0	0
Krishnagar	90·5	+0·6	95	31	77·6	−1·0	74	17	6·65	19·85	+8·60	4·16	12	19	+2·7	5·0	3·8	+0·2	26	0	0	16	0	0	0	0	1	0
Asansol	89·6	−0·2	95	21,22	78·7	+0·9	76	5	3·54	12·33	−1·36	4·54	5	17	−0·7	4·7	3·3	−1·6	23	0	3	12	0	0	0	0	0	0
Berhampore	89·8	+0·1	95	31	79·1	+0·2	76	16	7·36	15·77	+4·90	3·37	5	22	+5·9	3·5	2·3	+1·1	23	0	0	2	0	0	0	0	0	0
Malda	88·3	−1·4	93	31	79·1	+0·1	77	6,22,23	12·92	19·60	+8·12	3·55	6	20	+5·2	5·9	4·3	−1·0	23	0	0	14	0	0	0	0	0	0
Cooch-Behar	87·1	...	95	30,31	78·0	...	76	23,24,25	6·54	34·17	+3·20	5·59	11	24	+3·5	4·2	3·2	...	27	0	0	0	0	0	0	0	0	0
Jalpaiguri	86·5	−2·1	93	31	76·4	−0·9	74	23,28	5·87	29·92	−2·30	6·67	9	22	−0·3	6·5	4·4	+2·4	29	0	0	6	0	0	0	0	0	0
Bagdogra	87·5	...	97	2	77·0	...	75	17,22	6·53	31·24	...	4·72	22	25	...	5·0	3·8	...	29	0	0	10	1	0	0	0	0	0
Orissa																												
Balasore	89·6	+0·5	94	22	79·0	+0·5	77	5 days	1·63	5·73	−6·07	1·67	25	9	−5·1	10·1	7·6 (b)	+3·3	17	0	0	12	0	0	0	0	0	0
Chandbali	90·6 (a)	+2·4	...	...	79·3 (a)	+1·2	...	...	2·57	8·22	−8·52	3·60	18	13	−3·8	8·9	7·0	−0·1	13	0	0	6	0	0	0	0	0	0
Puri	87·2	−0·1	91	30	80·7	+0·9	74	18	0·89	4·15	−6·17	2·04	18	5	−7·0	16·1	15·4	+4·1	9	0	0	0	0	0	0	0	0	0
Bhubaneswar	90·5	...	96	8	78·2	...	74	18	6·04	7·31	...	2·05	10	11	...	9·6	10·5	...	18	0	2	13	0	0	0	0	0	0
Cuttack	90·9	+1·4	97	25	78·6	+0·3	75	18,27,29	6·50	9·65	−3·24	2·34	26	13	−2·9	5·3	4·2	+1·6	19	0	0	10	0	0	0	0	0	0
Cuttack (P. B. O.)	...	...	...	...	...	...	...	...	7·75	10·02	...	2·03	26	15	...	3·9	2·9	...	20	0	0	11	0	0	0	0	0	0
Gopalpur	88·1	+0·4	92	4	79·1	0	74	18	1·90	3·94	−3·22	0·94	10	7	−2·7	8·7	10·3	+1·4	11	0	0	7	0	0	0	0	0	0
Koraput	79·0	...	85	25	68·6	...	66	19	4·10	8·15	...	1·12	3	17	...	...	...	...	21	0	0	0	1	0	0	0	0	0
Angul	89·8	+1·6	96	22	78·0	+0·8	74	13	8·05	10·24	−2·23	1·88	26	12	−3·2	5·9	4·7	−0·3	17	0	0	9	0	0	0	0	0	0
Sambalpur	87·5	+0·3	93	30	75·9	−1·2	72	18	4·40	17·75	−2·81	4·14	3	21	+1·4	5·2	5·2	+1·3	24	0	0	5	0	0	0	0	0	0
Jharsuguda	86·7	...	93	9	75·6	...	73	17,22	3·64	18·83	...	2·73	22	25	...	7·2	6·3	...	29	0	0	7	0	0	0	0	0	0
Titilagarh	88·4	...	94	23	76·0	...	72	19	6·06	12·27	...	2·35	11	13	...	4·4	3·0	...	17	0	0	4	0	0	0	0	0	0
Chota Nagpur																												
Purulia	87·6	...	93	21	74·2	...	64	13,14	6·58	17·67	...	2·78	14	20	...	3·7	2·9	...	26	0	0	2	0	0	0	0	0	0
Jamshedpur	89·1	−0·2	94	21	78·7	+0·1	74	17	4·14	16·53	−3·37	3·31	17	17	−0·4	6·3	4·6	+0·4	22	0	0	7	1	0	0	0	0	0
Jamshedpur (P.B.O.)	89·1 (c)	...	...	...	77·6 (c)	...	...	...	2·34	14·47	...	3·21	17	15	...	6·3	4·9	...	19	0	0	12	0	0	0	0	0	0
Chaibasa	88·2	−1·2	93	21,22	77·5	0	74	3	4·04	10·82	−2·29	2·35	19	15	−1·2	3·2	2·1	−0·4	17	0	0	2	0	0	0	0	0	0
Ranchi	84·2	−0·2	89	10	73·6	+0·3	71	9,31	11·78	21·58	+6·13	3·75	29	23	+4·5	5·7	4·6	−0·4	26	0	1	0	0	0	0	0	0	0

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

sion 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
a																												
pur—*contd.*																												
uzaribagh . .	84·9	−0·3	90	21	73·9	−0·1	70	22	9·44	21·58	+8·55	7·99	5	18	+0·2	5·7	4·7	−1·4	26	0	2	16	0	0	0	0	0	0
zaribagh (C.W.) .	84·9	...	90	9,21	73·5	...	70	22,23	9·65	23·60	...	8·73	6	20	...	...	(i) 1·7	...	25	0	0	11	0	0	0	0	0	0
ltonganj . .	89·0	−2·1	91	8,9,21	77·9	−0·2	74	9	5·54	14·48	+1·08	2·78	22	20	+4·4	4·1	2·8	−0·8	26	0	0	9	0	0	0	0	0	0
r																												
rnea . . .	87·8	−1·8	91	2,4,30	78·5	−0·2	76	12,17,29	4·69	12·13	−2·19	2·58	29	18	+1·4	4·1	3·2	+0·6	23	0	0	9	0	0	0	0	0	0
rbesganj (R) .																												
rbhanga . .	86·7	−3·0	93	2,3	79·3	−0·1	77	25,26,27	8·98	16·35	+4·23	3·96	26	21	+7·1	4·6	1·9	−1·6	22	0	0	0	0	0	0	0	0	0
otihari . .	88·3	−1·9	94	4 days	77·9	−0·7	71	12	7·38	24·25	+9·25	7·08	21	19	+4·9	3·9	3·2	−1·3	21	0	0	6	0	0	0	0	0	0
uzaffarpur . .	...	...	...	...	...	...	...	...	...	18·27	+5·49	3·20	25	16	+2·0	...	...	...	...	...	...	...	...	...	...	...	...	...
apra . . .	...	...	...	...	...	...	...	...	...	16·82	+4·75	3·03	9	18	+4·2	...	...	...	...	...	...	...	...	...	...	...	...	...
rah . . .	...	...	...	...	...	..	...	...	...	11·45	−1·57	1·70	4	22	+7·5	...	...	...	...	...	...	...	...	...	...	...	...	...
tna . . .	88·8	−1·9	93	2	79·8	−0·1	76	17	4·70	10·96	−0·62	1·74	17	14	+3·0	5·0	4·5	+0·2	18	0	0	5	0	0	0	0	0	0
tna (Aerodrome).	88·4	...	94	3	79·6	...	76	17	5·20	11·09	...	1·53	4	16	...	4·9	3·7	...	22	0	0	3	0	0	0	0	0	0
hri . . .	89·9	...	99	3	79·4	...	75	22	10·62	18·29	+6·77	4·55	9	18	+3·8	3·9	3·5	...	20	0	0	0	0	0	0	0	0	0
iya . . .	90·0	−2·1	99	17	80·5	+1·9	72	22	5·22	17·71	+4·50	4·71	4	18	+2·2	7·2	6·2	+0·5	23	0	0	17	0	0	0	0	0	0
nui . . .	89·1	...	94	21	79·2	...	72	26	7·35	11·76	...	2·58	10	15	...	4·1	2·7	...	20	0	0	0	0	0	0	0	0	0
mka . .	88·6	−0·8	93	21	76·0	−2·0	73	25	8·41	19·26	+5·44	3·30	25	21	+3·0	...	...	...	26	0	0	2	0	0	0	0	0	0
bour . .	89·7	−0·6	92	2,21	79·6	+0·2	76	26	5·51	10·48	+0·52	1·83	5	16	+0·9	5·5	4·3	−1·7	24	0	0	1	0	0	0	0	0	0
agalpur . .	90·1	...	97	1	79·1	...	76	26	6·25	12·57	...	1·77	26	15	...	4·2	3·3	...	23	0	0	13	0	0	0	0	0	0
, East																												
nda . . .	87·8	−3·5	95	1,2	78·7	−0·7	74	26	13·72	29·61	+14·91	4·85	22	24	+10·0	4·1	3·0	−0·7	25	0	0	3	0	0	0	0	0	0
rakhpur . .	87·8	−3·1	97	4	77·9	−1·2	66	27,28	10·11	21·77	+8·14	2·65	23	20	+5·7	4·2	3·3	+1·0	24	0	0	0	0	0	0	0	0	0
amgarh . .	89·6	...	97	3	79·3	...	70	17	2·16	13·11	...	3·85	22	18	.	3·5	2·8	...	22	0	0	0	0	0	0	0	0	0
naras . .	90·3	−1·9	100	3	79·6	−0·1	73	15	4·61	12·27	+0·46	6·60	22	16	+1·7	5·5	4·8	+1·3	24	0	0	1	0	0	0	0	0	0
naras (Babatpur erodrome).	89·7	...	98	3	79·5	...	77	6 days	5·37	11·51	...	2·77	22	18	...	4·6	6·0	...	22	0	0	11	0	0	0	0	0	0
ahabad (Bamrauli)	90·2	−1·9	98	1	78·1	−1·7	74	15	4·94	13·90	+1·34	3·26	22	14	−1·2	4·5	4·0	−0·8	22	0	0	8	0	0	0	0	0	0
tehpur . .	90·0	−3·1	102	2	79·3	−0·4	75	22,23	7·31	17·20	+4·67	4·73	4	16	+2·1	3·9	2·9	−0·7	20	0	0	4	0	0	0	0	0	0
nda . . .	92·1	...	101	3	79·0	...	75	12	6·24	17·31	...	2·20	23	15	...	2·3	1·5	...	15	0	0	0	0	0	0	0	0	0
ai . . .	91·0	...	102	2	76·6	...	71	18,23	10·34	23·81	...	4·33	10	20	...	7·8	5·9	...	23	0	0	0	0	0	0	0	0	0
npur . .	90·0	−2·4	102	2	78·6	−1·1	74	22,23	6·19	15·82	+5·07	4·70	22	16	+3·5	5·8	6·0	−1·3	18	0	0	5	0	0	0	0	0	0
cknow . .	88·3	−4·1	98	2	79·1	−0·4	72	22	11·26	31·66	+19·66	4·97	28	21	+7·6	2·7	1·9	−0·3	22	0	0	3	0	0	0	0	0	0
cknow (Amousi erodrome)	89·0	−3·4	98	2	78·3	−0·4	73	22	9·52	29·05	+17·05	5.24	22	20	+6·6	5·5	4·5	...	25	0	0	13	0	0	0	0	0	0
rdoi . .	89·9	...	101	2	78·2	...	74	14,15	8·52	29·57	...	6·06	23	21	...	4·1	3·4	...	23	0	0	0	0	0	0	0	0	0
khimpur Kheri .	87·7	...	95	2,7	78·0	...	75	5 days	4·63	16·82	...	3·28	24	22	...	2·3	1·5	...	25	0	0	6	0	0	0	0	0	0
hraich . .	87·4	−4·7	96	1	78·2	−0·9	75	12,26	10·52	30·87	+18·63	5·64	26	19	+7·1	5·9	4·5	+1·7	25	0	0	1	0	0	0	0	0	0
, West																												
nsi . . .	91·2	−1·5	103	2	76·5	−2·0	74	18	2·47	9·21	+2·60	2·16	7	17	+3·2	6·2	4·3	+0·1	18	0	0	0	0	0	0	0	0	0
ra . . .	95·0	+1·2	105	1,2	81·3	+0·9	77	15	3·87	6·42	−2·13	0·75	8	16	+5·0	4·2	3·1	−1·3	22	0	0	0	0	0	0	0	0	0
inpuri . .	92·7	−2·4	103	2,3	79·8	−0·5	74	23,25	3·23	14·24	+6·70	3·69	28	18	+7·6	3·6	2·3	+0·1	21	0	0	1	0	0	0	0	0	0
garh . .	94·6	+0·4	106	3	80·5	+0·5	77	4 days	2·61	6·35	−2·42	2·78	10	10	−0·3	...	...	...	15	0	0	7	0	0	0	0	0	0
eilly . .	89·6	−2·5	99	3	78·8	−0·1	74	14,22	6·53	23·63	+10·67	5·39	27	17	+4·2	3·8	2·7	+0·5	19	0	0	9	0	0	0	0	0	0
jibabad . .	90·2	...	97	2,3	78·0	...	74	4 days	8·38	22·54	...	5·00	12	15	...	7·0	5·7	...	18	0	0	2	0	0	0	0	0	0
erut . .	92·3	−1·1	100	2,3	77·8	0	75	12	...	14·90	+6·31	5·75	12	9	−1·3	...	3·9	...	10	0	0	0	0	0	0	0	0	0
orkee . .	90·6	−1·5	98	18	77·0	−1·1	71	15	6·86	15·19	+2·89	4·62	12	16	+4·1	4·3	3·7	+1·2	20	0	0	15	0	0	0	0	0	0
hra Dun . .	85·2	−1·3	91	2	73·3	−0·5	71	4 days	16·85	44·60	+18·30	5·18	12	25	+4·7	2·4	2·0	+0·4	28	0	0	14	0	0	0	0	0	0
ab (I)																												
w Delhi . .	94·6	−0·5	103	2,3	80·5	+0·1	75	12,23	2·07	9·58	+2·55	2·94	23	10	+1·0	6·0	5·6	...	14	0	0	7	0	0	0	0	0	0
tar . . .	98 3	−1·6	108	3	80·7	−0·5	73	10	3·59	4·51	−0·23	1·85	12	4	−2·0	5·8	5·6	+0·1	5	0	0	0	0	0	0	0	0	0
rnal . .	92·1	...	99	1	78·9	...	73	10	4·44	11·97	...	3·67	10	11	...	2·8	2·2	...	13	0	0	4	0	0	0	0	0	0
bala . .	93·2	−2·3	102	2,4	78·4	−0·7	73	12,14	4·19	14·59	+4·98	4·30	12	14	+3·4	4·8	4·6	+1·5	16	0	0	0	0	0	0	0	0	0
iala . .	93·1	...	102	4,5	79·0	...	71	14	6·73	13·82	+4·24	5·42	10	8	...	4·5	4·1	...	8	0	0	4	0	0	0	0	0	0
lhiana . .	94·1	−3·2	104	5	79·5	−0·8	73	13	10·60	19·99	+11·92	4·75	20	11	+2·6	0·5	0·5	−1·5	12	0	0	0	0	0	0	0	0	0
zzepur . .	97·1	...	104	5,6	81·6	...	70	12	2·25	13·20	...	4·41	12	6	...	2·0	1·6	...	7	0	0	5	0	0	0	0	0	0
ritsar . .	95·7	...	106	5	80·1	...	72	12	2·29	5·35	...	3·14	11	6	...	9·9	8·3	...	10	0	0	6	0	0	0	0	0	0
ankot . .	92·3	...	101	2	76·2	...	68	15	11·65	17·58	...	7·45	10	15	...	2·7	2·0	...	19	0	0	0	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		
Jammu and Kashmir																														
Srinagar	90·2	+2·4	100	5	68·0	+3·7	60	15	1·23	0·76	−1·57	0·17	12	4	−0·9	1·6	2·4	−0·1	8	0	0	6	6	0	0	0	0	0		
Gulmarg	70·8	+0·1	82	6	52·4	+9·8	43	16	...	3·69	−0·37	0·87	12	9	+0·1	...	3·3	+0·1	14	0	0	15	0	0	0	...	...	...		
Sonamarg									...	0·57	−3·00	0·20	23	2	−6·9	...	...	...	...	...	...	...	...	...	...	...	...	...		
Dras (R)																														
Kargil (R)																														
Leh	77·8	+1·4	86	6,7	50·6	+0·3	43	17,18	0·03	0·51	+0·04	0·33	23	1	−0·4	5·8	3·9	+2·0	4	0	0	0	0	0	0	0	0	0		
Skardu (R)																														
Gurez	...	...	...	...	...	...	...	...	...	4·00	+1·76	1·80	11	3	−2·9	...	...	...	...	...	...	...	...	...	...	...	...	...		
Gilgit (R)																														
Misgar (R)																														
Jammu (R)																														
Rajasthan, West																														
Sri Ganganagar	102·9	+0·8	108	1,2	84·7	+2·2	78	12,14	0	0·80	−1·90	0·30	7	1	−3·3	9·0	6·8	−0·6	1	0	0	0	0	1	0	0	0	0		
Bikaner	101·2	−0·1	108	2	85·4	+1·0	78	9,16,19	0·24	1·05	−2·29	0·70	17	2	−2·9	9·7	8·2	+1·2	5	0	0	1	0	0	0	0	0	0		
Jaisalmer	97·9	...	106	7	80·4	...	74	7	0·89	4·80	...	2·95	7	3	...	17·1	18·1	...	3	0	0	0	0	0	0	0	0	0		
Jodhpur	97·5	+0·6	105	31	81·8	+1·6	76	8	1·37	3·62	−0·35	2·39	8	4	−1·5	8·5	7·6	−4·8	7	0	1	2	0	0	0	0	0	0		
Phalodi	97·2	...	108	31	81·6	...	77	9	0·45	6·92	−1·79	0·67	7	2	−1·8	15·5	12·9	...	2	0	0	2	0	0	0	0	0	0		
Barmer	98·5	+2·0	105	31	81·3	+2·4	76	8	0·25	2·57	−0·68	1·88	8	3	−1·0	9·4	8·4	+1·2	9	0	0	3	0	1	0	0	0	0		
Rajasthan, East					80·0																									
Sikar	94·3	...	101	30	~~80·7~~	...	73	19	1·54	2·82	...	1·81	19	5	...	9·5	7·8	...	10	0	0	0	0	0	0	0	0	0		
Jaipur	94·3	+0·1	102	6	79·2	+1·0	74	7,15	2·68	6·29	−1·45	1·43	7	7	−3·3	7·7	5·3	+1·0	12	0	0	6	0	0	0	0	0	0		
Jaipur (Sanganer Aerodrome)	94·5	...	102	2	79·5	...	73	15,19	2·37	6·42	...	2·23	19	8	...	11·0	8·6	...	8	0	0	5	0	2	0	0	0	0		
Ajmer	93·3	+1·6	100	1,6	79·2	+0·8	73	15	0·30	6·04	−0·37	1·74	8	6	−2·9	9·2	7·7	+1·7	9	0	0	7	0	0	0	0	0	0		
Kotah	95·1	+1·2	103	1	81·5	+1·6	75	15	2·93	5·25	−4·89	1·33	31	9	−2·1	4·8	4·5	+0·5	12	0	0	10	0	0	0	0	0	0		
Jhalawar	91·1	+1·1	100	1	77·7	+1·0	75	16	2·77	6·12	−5·56	1·74	16	10	−3·5	7·8	6·5	−1·6	12	0	0	8	0	0	0	0	0	0		
Udaipur	87·7	−1·5	96	9	75·1	−0·7	72	19	2·07	5·48	+3·07	1·26	7	10	−0·4	4·7	3·6	...	17	0	0	9	0	0	0	0	0	0		
Madhya Bharat																														
Gwalior (P. B. O.)	91·8	−1·3	108	2	79·6	−0·3	76	15,24,31	6·33	11·35	−0·40	2·31	31	12	−2·8	6·1	5·1	...	18	0	0	13	0	0	0	0	0	0		
Sheopur Kalan	93·1	...	102	1	78·6	...	72	18	5·37	7·42	...	1·32	8	12	...	4·2	3·2	...	16	0	0	4	0	0	0	0	0	0		
Guna	87·7	−0·3	102	1	75·8	+0·6	73	15	9·79	15·60	+1·25	2·96	5	14	−1·5	7·5	5·4	−1·5	19	0	0	6	0	0	0	0	0	0		
Neemuch	89·4	+1·4	95	2	75·8	+1·2	72	8	3·33	6·75	−2·72	2·03	7	6	−4·6	9·9	9·0	+0·2	14	0	0	5	0	0	0	0	0	0		
Ratlam	87·0	...	93	1	74·6	...	72	17	2·04	6·54	...	1·51	20	8	...	8·3	7·0	...	16	0	0	3	0	0	0	0	0	0		
Indore	85·8	−0·1	92	1	73·3	+0·8	71	20,21	6·62	11·57	+0·45	2·39	2	15	+1·7	11·4	9·6	−2·9	20	0	0	8	0	0	0	0	0	0		
Bhopal (Bairagarh)	85·9	+0·3	98	1	74·2	+0·1	72	6 days	6·54	14·15	−5·58	3·60	14	16	−0·4	11·2	9·4	−0·6	24	0	0	13	0	0	0	0	0	0		
Vindhya Pradesh																														
Nowgong	89·7	−1·3	102	2	77·5	−1·1	73	18,19	7·43	17·44	+3·63	3·00	7	16	+1·9	5·8	4·7	+1·6	28	0	0	8	0	0	0	0	0	0		
Sutna	88·3	−0·5	97	3	76·9	−0·5	73	3,13	3·72	21·12	+6·87	2·89	4	16	+0·6	6·1	4·6	−0·5	24	0	0	8	0	0	0	0	0	0		
Umaria	87·9	+1·4	92	24	75·5	+0·3	72	5	8·68	18·01	+0·26	3·56	5	15	−5·1	5·2	3·6	−0·2	24	0	0	8	0	0	0	0	0	0		
Madhya Pradesh, East																														
Gondia	86·9	...	98	22	75·7	...	72	19	6·83	13·11	...	3·58	19	14	...	6·7	3·3	...	17	0	0	0	0	0	0	0	0	0		
Pendra	82·5	−1·0	87	22	72·8	+0·4	71	5 days	12·73	28·95	+14·24	6·56	5	23	+4·1	5·9	4·6	+0·9	27	0	0	14	0	0	0	0	0	0		
Raigarh	87·2	...	94	17,22	76·5	...	73	11	5·07	22·72	...	3·52	3	22	...	6·5	4·5	...	27	0	0	6	0	0	0	0	0	0		
Ambikapur	83·8	...	88	9,24	73·3	...	71	6,17	8·03	19·76	...	3·05	5	23	...	8·9	5·5	...	27	0	0	4	0	0	0	0	0	0		
Champa	87·7	...	95	10,22	76·5	...	74	4 days	3·96	16·18	...	2·95	3	19	...	7·3	5·8	...	25	0	0	8	0	0	0	0	0	0		
Raipur	86·4	−0·3	93	22	75·8	+0·8	73	4	5·31	16·97	+1·98	2·76	4	17	+1·0	6·9	5·1	−3·6	21	0	0	8	0	0	0	0	0	0		
Kanker	85·8	+1·8	92	22,23	75·1	+1·2	72	5	4·81	7·96	−7·76	1·68	24	16	−1·9	6·6	5·3	−0·7	19	0	0	3	0	0	0	0	0	0		
Chanda	89·2	+0·8	94	1	75·8	0	72	19	2·76	12·97	−3·34	2·52	27	18	+1·1	5·8	4·0	−1·2	21	0	0	4	0	0	0	0	0	0		
Sironcha	89·5	...	95	22	76·9	...	73	4 days	5·85	14·36	...	2·27	19	14	...	5·0	3·8	...	18	0	0	4	0	0	0	0	0	0		
Jagdalpur (P. B. O.)	84·9	+2·0	92	25,30	72·6	+0·7	69	10,19	3·79	7·66	−7·47	1·10	24	15	−4·4	5·1	3·9	...	24	0	0	6	0	0	0	0	0	0		
Madhya Pradesh, West																														
Buldhana	83·5	...	91	1	71·3	...	69	15,16	3·33	17·71	...	4·84	25	18	...	8·0	5·9	...	21	0	0	0	0	0	0	0	0	0		
Akola	89·2	+0·1	98	1	75·5	+0·7	71	19	2·19	6·37	−3·42	1·31	29	12	−0·4	8·9	6·8	−0·1	20	0	0	4	0	0	0	0	0	0		
Amravati	88·0	+0·5	96	1	74·9	+0·9	70	19	2·98	9·75	+0·34	1·33	14	15	+2·2	10·5	7·9	+0·3	22	0	0	7	0	0	0	0	0	0		
Yeotmal	86·8	...	93	1	72·2	...	68	19	3·92	10·85	...	1·90	19	15	...	10·6	5·0	...	22	0	0	0	0	0	0	0	0	0		
Khandwa	86·6	−1·3	100	1	73·9	+0·6	73	6,7,8	6·65	10·83	+1·17	3·20	7	14	+1·9	8·1	7·4	0	17	0	0	0	0	0	0	0	0	0		
Hoshangabad	87·2	+1·1	99	1	76·0	+0·9	73	6	6·75	19·14	+2·43	4·05	6	14	−1·7	4·7	3·0	−0·6	20	0	0	6	0	0	0	0	0	0		
Sagar	85·8	+0·1	96	1	74·9	+1·0	72	14	9·68	17·98	+1·81	4·81	7	20	+3·5	8·9	5·8	−6·8	25	0	0	4	0	0	0	0	0	0		
Jabalpur	87·3	+0·8	93	31	75·0	+0·3	71	23,26	8·74	19·72	+0·34	4·39	5	20	+1·9	5·1	3·4	0	25	0	0	7	0	0	0	0	0	0		
Mandla	86·3	...	92	18	73·7	...	71	11,14,18	9·25	18·41	...	5·89	6	25	...	4·1	2·5	...	29	0	0	15	0	0	0	0	0	0		

(R) Register not received.

ion 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
aya Pradesh, t—contd.																												
ni	84·5	+0·4	92	1	72·8	+0·5	70	13	4·64	18·47	+2·25	3·70	14	18	−0·3	5·4	4·0	−0·5	27	0	0	6	0	0	0	0	0	0
hindwara	83·5	...	92	1	72·6	...	70	5,14	3·69	14·01	...	2·80	14	17	...	7·3	4·8	...	20	0	0	2	0	0	0	0	0	0
ul	83·3	...	92	1	72·9	...	70	6,7	4·22	8·75	...	1·68	6	15	...	6·4	4·8	...	19	0	0	0	0	0	0	0	0	0
gpur	89·1	+0·8	96	1	75·3	−0·2	70	19	3·12	6·40	−8·20	2·06	19	12	−4·5	7·4	4·3	...	18	0	0	8	1	0	0	0	0	0
rat																												
esa	95·1	...	100	2,7	79·5	...	76	7	0·77	3·57	...	0·99	7	6	...	...	...	...	12	0	0	0	0	0	0	0	0	0
rat	88·2	+1·0	92	27,28	78·6	+0·8	75	4 days	7·69	16·23	−1·19	8·55	7	13	−3·3	7·9	6·9	−0·4	26	0	0	0	0	0	0	0	0	0
medabad	92·7	−0·4	99	1	78·4	+0·2	75	7	1·96	6·75	−5·47	1·54	7	11	−1·6	4·8	5·0	−2·0	19	0	0	7	0	0	0	0	0	0
had	89·5	+2·3	95	2	75·5	+0·1	73	6	1·73	4·04	−4·98	2·56	31	5	−8·0	14·9	14·5	+5·5	18	0	0	2	0	0	0	0	0	0
roda	90·5	+0·7	96	1	78·3	+0·7	76	8,15	2·70	4·34	−7·89	0·79	8	14	+1·3	4·9	4·4	−1·2	25	0	0	1	0	0	0	0	0	0
roda (Aerodrome)	90·0	...	95	1,2	78·6	...	76	8,15	2·02	4·59	...	1·14	30	9	...	7·7	7·6	...	16	0	0	3	0	0	0	0	0	0
oach	89·9	...	95	2	78·4	...	75	15	3·72	9·99	...	5·61	7	15	...	7·3	6·2	...	23	0	0	0	0	0	0	0	0	0
ashtra and Kutch																												
uj	93·1	+2·3	98	17	79·8	+1·7	76	7	0·51	1·89	−4·44	1·02	31	6	0	11·8	10·7	−1·0	10	0	0	3	0	0	0	0	0	0
uj (P. B. O.)	...	...	...	...	...	...	...	...	0·51	1·89	...	1·02	31	6	...	9·6	8·5	...	10	0	0	2	0	0	0	0	0	0
varka	87·7	−1·0	89	9 days	81·9	+1·2	79	9	3·09	1·24	−5·71	0·57	31	4	−2·0	15·0	15·1	+0·2	6	0	0	0	0	0	0	0	0	0
rbander	87·4	...	89	27,30	81·4	...	79	17	1·80	2·77	...	0·88	17	8	...	13·6	12·5	...	15	0	0	0	0	0	0	0	0	0
mnagar	91·9	+1·3	97	22,30	78·9	−0·7	75	17	6·00	2·69	−6·24	0·76	31	8	+0·1	...	...	...	16	0	0	4	0	0	0	0	0	0
jkot	91·9	+0·7	97	3	77·2	+0·7	74	16	4·56	9·69	−0·99	2·53	17	9	−1·5	7·7	6·5	−5·5	16	0	0	4	0	0	0	0	0	0
jkot (Aerodrome)	92·1	...	97	3	77·2	...	74	16	...	11·26	...	3·00	19	9	...	...	15·6	...	17	0	0	5	0	0	0	0	0	0
raval	86·3	...	88	10,11,30	80·1	...	...	...	4·83	5·36	−2·42	2.46	16	8	−1·2	19·3	19·7	+6·8	23	0	0	1	0	0	0	0	0	0
ahuva	88·6	...	94	3	78·2	...	76	15,17	8·01	9·24	...	2·55	16	12	...	17·2	13·1	...	21	0	0	1	0	0	0	0	0	0
avnagar	92·1	−0·8	98	1,3,4	78·7	+0·3	76	8,9	4·67	5·42	−1·59	2·71	8	9	−0·3	10·1	8·4	+1·0	13	0	0	2	0	0	0	0	0	0
avnagar (Aerodrome)	91·9	...	99	1	78·9	...	76	8,16,29	...	8·26	...	2·15	8	12	...	...	14·2	...	16	0	0	3	0	0	0	1	0	0
kan																												
hanu	86·1	...	99	3	77·0	...	72	10	18·16	32·93	...	7·34	28	22	...	14·0	12·3	...	29	0	0	0	0	0	0	0	0	0
mbay (Colaba)	85·2	−0·3	89	2	76·8	+0·1	74	5 days	15·21	39·99	+15·72	6·15	14	25	+2·9	8·9	7·9	−3·7	30	0	0	1	0	0	0	6	0	
mbay (Santa Cruz erodrome)	85·5	0	89	12	75·7	−1·0	72	28	11·40	36·36	+12·09	12·23	28	22	−0·1	10·6	8·7	...	30	0	0	0	0	0	0	0	1	6
ibag	84·0	−0·4	89	7	76·5	−1·1	73	12,15	...	40·29	+16·85	11·65	28	29	+5·7	...	13·7	−4·0	31	0	0	2	0	0	0	1	0	0
rnai	82·2	...	85	12	75·6	...	72	15	17·23	59·14	...	7·01	23	30	...	9·7	9·8	...	31	0	0	0	0	0	0	0	0	0
tnagiri	82·4	...	86	8	74·6	...	70	15	22·04	60·84	...	5·49	31	30	...	...	...	...	31	0	0	0	0	0	0	0	0	0
ygad	82·2	...	86	8,25	75·4	...	72	13,14,15	26·33	59·22	...	7·61	14	27	...	13·8	14·0	...	31	0	0	0	0	0	0	0	0	0
ngurla	82·6	...	87	3	74·4	...	71	12,15	27·54	71·23	...	8·12	30	28	...	...	...	...	29	0	0	2	0	0	0	0	0	0
rmagao	81·4	−1·2	85	5,6,7	74·2	−1·0	71	9,13,14	20·07	68·32	+37·03	10·20	23	27	+0·4	13·1	13·0	+3·1	29	0	0	0	0	0	0	0	0	0
rwar	80·9	...	85	8	74·1	...	70	20	25·75	68·99	...	6·34	23	30	...	...	...	...	31	0	0	0	0	0	0	0	0	0
navar	86·0	...	95	26	73·4	...	72	8 days	19·63	69·92	+25·08	8·95	23	31	+2·7	3·6	3·4	...	31	0	0	0	0	0	0	0	0	0
ram (Deoli)																												
andala	...	...	...	...	...	...	...	...	...	47·03	−20·49	3·76	6	28	−2·0	...	...	...	31	0	0	0	0	0	0	0	0	0
lgaon	91·0	...	101	1	75·7	...	73	15	3·61	8·78	−0·73	1·72	21	16	+1·7	10·9	8·2	...	21	0	0	1	0	0	0	0	0	0
alegaon	90·4	+2·2	96	21	73·4	−0·1	65	14	2·22	4·54	+0·12	1·24	27	7	−0·4	8·1	6·3	−3·3	16	0	0	0	0	0	0	0	0	0
olali	81·8	...	89	27	71·6	...	69	16	...	2·07	...	0·49	6	8	...	...	10·1	...	14	0	0	0	0	0	0	0	0	0
mednagar	87·5	+2·2	94	23	71·6	+1·0	69	16,17	0·83	5·39	+1·61	1·78	28	5	−1·8	8·7	6·3	−3·4	11	0	0	0	0	0	0	0	0	0
ona	84·0	+1·5	90	27	72·1	+0·4	70	5 days	1·29	2·73	−3·83	0·50	4	12	−0·7	5·1	3·6	−6·6	22	0	0	0	0	0	0	0	0	0
ona (Lohagaon Aerodrome)	84·2	...	89	26,27	70·7	...	68	12,16	0·37	1·29	...	0·29	4	4	...	...	...	...	16	0	0	0	0	0	0	0	0	0
ur	87·8	...	95	2,18,21	72·9	...	68	15	0·77	3·84	...	0·83	27	8	...	12·3	10·0	...	13	0	0	8	0	0	0	0	0	0
olapur	89·5	+0·3	95	21,22	71·8	−0·3	70	10 days	1·15	10·98	+6·80	3·52	26	13	+5·3	9·2	6·6	−3·5	17	0	0	0	0	0	0	0	0	0
raj	82·7	+0·9	90	26	70·5	−0·3	68	4 days	3·18	7·17	+3·04	1·81	28	16	+6·9	10·8	7·9 (h)	−2·6	25	0	0	1	0	0	0	0	0	0
lhapur	79·8	...	88	26	70·0	...	66	1	6·13	19·07	...	5·97	1	20	...	12·0	9·9	...	25	0	0	3	0	0	0	0	0	0
apur	86·3	−0·3	92	22,23	71·0	+0·1	68	12,14,15	0·34	9·31	+6·94	4·02	25	6	+1·7	9·7	8·5	−0·9	9	0	0	0	0	0	0	0	0	0
lgaum	76·2	0	85	26	67·6	+0·2	65	21	6·97	20·87	+3·77	3·98	1	20	−2·1	5·9	5·0	−1·2	23	0	0	1	0	0	0	0	0	0
lgaum (Sambre erodrome)	78·0	...	86	22	67·6	...	65	12,15	5·69	13·12	...	1·70	2	24	...	18·1	15·3	...	28	0	0	1	0	0	0	0	0	0
dag	82·9	−0·2	89	4 days	69·7	−0·3	67	14	1·11	2·98	+0·09	0·35	5	12	+5·1	12·0	9·7	−2·6	19	0	0	2	0	0	0	0	0	0
erabad, North																												
rangabad	86·5	+0·5	92	4 days	71·8	+0·9	69	15,16,17	1·71	9·04	+2·30	4·03	25	13	+1·7	10·7	9·5	−1·5	18	0	0	2	0	0	0	0	0	0
rangabad (Chikal-hana Aerodrome)	86·8	...	92	1,23,25	71·6	...	68	16	0·71	8·00	...	3·31	25	9	...	12·0	9·8	...	21	0	0	3	0	0	0	0	0	0
rbhani	90·6	...	97	23	73·8	...	70	1	1·15	5·94	−1·38	2·49	12	7	−4·1	9·2	7·2	...	14	0	0	1	0	0	0	0	0	0
magundam	90·5	...	95	7 days	77·1	...	73	19,24	2·42	11·72	...	1·55	11	17	...	4·4	3·7	...	18	0	0	0	0	0	0	0	0	0
zamabad	88·0	−0·2	93	22	74·5	+0·6	71	12,14	1·20	11·25	+1·10	2·40	1	18	+3·0	6·6	5·1	−0·4	22	0	0	0	0	0	0	0	0	0
lar	85·0	+0·2	90	3,25	70·1	+0·1	67	14	1·14	10·45	+2·34	3·38	25	14	+2·4	11·8	11·1	−2·7	16	0	0	0	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.	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	88·6	−0·8	96	21,22,26	72·2	+0·2	69	14,16	1·81	8·97	+3·31	2·12	14	12	+2·9	11·9	10·7	+0·1	16	0	0	0	0	0	0	0	0	0
Raichur	90·5	+0·2	96	3,18	73·5	+0·6	70	14	1·77	4·62	−0·08	1·08	30	10	+1·6	12·8	12·4	+2·8	16	0	0	0	0	0	0	0	0	0
Mahbubnagar	86·6	...	91	4 days	72·9	...	69	27	2·15	7·49	...	1·67	31	11	...	9·8	8·4	...	18	0	0	2	0	0	0	0	0	0
Hyderabad (Begumpet Aerodrome).	87·2	+0·5	94	21,22	72·6	+0·7	69	14	0·72	5.29	−0·70	3·00	25	10	−1·1	14·3	13·3	+0·6	17	0	0	6	0	0	0	0	0	0
Hakimpet	86·5	...	92	25	71·0	...	68	14	0·49	6·71	...	2·74	10	10	...	...	...	...	17	0	0	3	0	0	0	0	0	0
Hanamkonda	90·5	+2·4	97	22	76·3	+0·6	73	11,24,30	3·13	6·07	−3·07	2·27	30	10	−3·4	7·3	6·5	−0·2	16	0	0	5	0	0	0	0	0	0
Bhadrachallam	91·7	...	98	23	77·6	...	74	24	1·20	3·95	...	0·92	10	9	...	6·6	5·0	...	15	0	0	1	0	0	0	0	0	0
Khammameth	93·3	...	99	18	77·5	...	72	20	2·62	4·15	...	1·23	20	7	...	7·1	5·6	...	12	0	0	3	0	0	0	0	0	0
Coastal Andhradesa																												
Nellore	97·4	+0·5	103	24,25	79·8	+0·1	75	12,30,3	1·12	2·95	+0·20	0·63	24	7	+1·5	7·4	5·9	+0·1	12	0	0	3	0	0	0	1	0	0
Ongole	96·2	...	102	18,23	80·0	...	73	30	0.56	2·34	...	1·41	30	5	...	6·5	7·2	...	7	0	0	0	0	0	0	0	0	0
Gannavaram	93·8	...	99	18	78·0	...	71	19	1·22	9·51	...	2·94	29	12	...	11·4	9·1	...	17	0	0	6	0	0	0	0	0	0
Masulipatam	91·5	−0·9	97	3,18	79·1	+1·0	75	30	4·94	7·80	+1·41	1·74	4	11	+0·3	9·4	7·6	+1·0	16	0	0	3	0	0	0	0	0	0
Kakinada	90·9	+0·6	97	18	79·1	+0·7	75	1	5·99	7·99	+1·44	2·25	19	7	−4·1	8·8	6·9	+1·1	17	0	0	0	0	0	0	0	0	0
Visakhapatnam	91·2	+0·3	96	2	79·5	+0·8	75	6,18	1·69	3·85	−0·57	1·66	18	5	−3·5	12·4	10·4	+0·9	11	0	0	2	0	0	0	0	0	0
Calingapatam	88·1	−1·7	91	6 days	79·0	+0·1	74	4	0·94	4·57	−0·97	2·02	31	8	−0·6	11·9	9·3	+1·8	8	0	0	1	0	0	0	0	0	0
Rentachintala	96·4	+3·3	102	18	79·2	+0·5	75	1	0.58	5·50	+0·70	3·45	31	5	−4·0	10·1	7·7	−1·7	9	0	0	5	0	0	0	0	0	0
Rayalaseema																												
Arogyavaram	85·7	...	91	18	70·5	...	68	8	1·34	4·41	...	0·93	25	12	...	9·1	7·8	...	18	0	0	3	0	0	0	0	0	0
Cuddapah	95·9	+0·3	101	17	78·4	+0·3	72	22	0·79	6·47	+2·40	1·57	31	10	+3·3	5·4	3·4	−4·0	11	0	0	0	0	0	0	0	0	0
Bellary	88·7	−1·9	95	20	74·2	−0·8	70	7	0·58	8·62	+7·01	4·05	25	8	+4·6	9·0	7·7	−0·8	14	0	0	1	0	0	0	0	0	0
Kurnool	91·0	−0·6	97	20	74·7	−0·4	71	15	1·04	7·13	+2·71	1·62	26	12	+2·7	14·4	12·7	+2·3	12	0	0	2	0	0	0	0	0	0
Anantapur	91·2	...	96	18,20	74·8	...	72	5 days	0·27	6·26	+3·63	1·70	25	8	+4·1	12·0	11·0	...	10	0	0	4	0	0	0	0	0	0
Tamilnad																												
Palayamcottai	95·5	...	101	18	78·8	...	74	6,7	0·53	1·04	+0·71	0·67	6	3	+2·4	10·0	8·4	...	5	0	0	1	0	0	0	0	0	0
Pamban	88·2	−1·1	92	25	82·1	+2·8	79	7	0	0·97	+0·51	0·84	25	2	+1·2	14·4	11·6	+2·1	4	0	0	0	0	0	0	0	0	0
Mathurai	95·4	−0·5	100	24	76·6	−0·7	73	7,12,25	1.18	2·84	+0·89	0·76	27	7	+4·3	6·2	4·7	−0·2	11	0	0	3	0	0	0	0	0	0
Nagapattinam	95·8	−0·2	101	23	79·1	+0·2	76	7	0·01	06·2	−1·08	0·28	31	2	−0·9	11·8	8·9	+2·9	6	0	0	0	0	0	0	0	0	0
Tiruchirapalli	95·5	−2·2	101	18	76·8	−1·5	72	18	0·03	4·21	+2·86	2·86	13	5	+2·9	17·1	14·9	−3·8	8	0	0	1	0	0	0	0	0	0
Coimbatore	82·3	−4·4	86	26	71·1	+0·1	69	7,8	1·28	3·55	+1·90	1·33	6	6	+1·3	12·0	10·2	+3·6	12	0	0	0	0	0	0	0	0	0
Coimbatore (Peelamedu Aerodrome).	84·4	...	89	18,25,26	70·5	...	68	7,23,31	0·72	2·24	...	1·18	6	5	...	20·0	18·4	...	10	0	0	2	0	0	0	0	0	0
Salem	90·5	−2·5	98	18	73·7	−0·3	71	19,21	2·22	8·27	+4·48	2·18	19	10	+2·9	5·0	4·9	+0·7	13	0	0	9	0	0	0	0	0	0
Kallakurichi	95·8	...	101	18	76·9	...	73	26,31	0·14	3·73	...	2·61	26	4	...	...	...	...	11	0	0	9	0	0	0	0	0	0
Cuddalore	95·9	−0·5	99	3,5,24	79·3	+0·7	77	6,18,20	0·03	1·46	−1·14	0·76	20	5	−0·3	8·8	7·2	+2·6	6	0	0	3	0	0	0	0	0	0
Vellore	94·8	+0·7	99	16,18	77·8	+0·6	74	19	0·92	1·35	−3·20	0·92	19	3	−3·3	8·3	6·5	+1·5	5	0	0	6	0	0	0	0	0	0
Madras	96·2	−0·1	100	7,23	79·8	+0·5	74	30	0·24	2·17	−1·43	0·41	30	4	−2·8	12·7	10·5	+0·7	13	0	0	5	0	0	0	0	0	0
Madras (Nungambakkam).	95·2	...	99	6 days	79·4	...	74	14,30	...	3·38	...	2·09	14	4	...	...	5·7	...	9	0	0	1	0	0	0	0	0	0
Malabar & South Kanara																												
Mangalore	82·3	−1·3	85	19,20	73·0	−1·3	71	9,14	19·74	66·05	+27·15	5·15	3	31	+3·5	8·8	5·9 (d)	+0·3	31	0	0	4	0	0	0	0	0	0
Kozhikode	82·3	−0·1	88	1	72·9	−1·2	70	7	18·92	47·03	+14·57	7·46	7	28	+1·5	8·4	6·9	+2·1	30	0	0	3	0	0	0	0	0	0
Palghat	81·6	...	86	18,25	72·2	...	69	23	10·40	24·65	...	3·82	6	*22	...	9·5	8·1	...	28	0	0	2	0	0	0	0	0	0
Mysore																												
Chitaldrug	81·5	−1·1	88	21,25	69·0	+0·1	67	8,11,12	1·25	3·49	+0·62	1·03	31	8	−0·2	8·3	8·3	+0·1	16	0	0	0	0	0	0	0	0	0
Shimoga	80·5	...	88	27	69·7	...	68	4 days	5·53	16·70	...	4·37	2	21	...	5·5	4·2	...	27	0	0	0	0	0	0	0	0	0
Hassan	75·8	−1·8	86	26	65·8	+0·2	64	8,10	4·24	12·49	+6·69	2·35	6	15	+1·8	9·9	8·3	+1·3	23	0	0	2	0	0	0	0	0	0
Bangalore (Central Observatory).	81·1	−0·3	87	18	66·2	+0·5	64	7,9	1·99	6·98	+3·05	1·93	25	13	−5·0	10·9	9·7	+1·3	19	0	0	3	0	0	0	0	0	0
Bangalore (Aerodrome).	82·2	...	88	18	65·7	...	61	9	1·33	4·17	...	1·00	31	10	...	...	...	...	20	0	0	5	0	0	0	0	0	0
Mysore	80·2	−2·0	86	19,20	68·5	+1·3	65	13	1·46	4·64	+1·96	0·96	6	11	+3·7	11·0	8·4	+0·5	15	0	0	1	0	0	0	0	0	0
Balehonnur	74·7	+1·6	83	26	64·7	−0·7	61	4	...	54·99	+20·40	8·63	2	27	−1·3	...	...	...	..	0	0	..	..	..	..	..	..	..
Travancore-Cochin																												
Fort Cochin	82·4	−0·2	89	1	74·0	−0·7	71	7	9·65	42·12	+18·81	3·47	7	28	+3·8	8·4	7·5	+2·5	30	0	0	1	0	0	0	0	0	1
Cochin (Willingdon Island Aerodrome)	82·6	...	88	1	73·5	...	71	30,31	10·37	43·85	...	3·63	2	30	...	4·8	4·1	...	30	0	0	7	0	0	0	0	0	0
Alleppey	84·0	...	89	1	72·9	...	70	7	14·19	42·49	...	4·98	5	29	...	16·2	9·0	...	29	0	0	3	0	0	0	0	1	0
Trivandrum	83·3	−1·2	87	14,16,17	72·8	−1·0	70	8	5·41	21·91	+14·14	3·46	7	22	+7·7	8·7	6·8	+0·4	25	0	0	5	0	0	0	0	0	0

(d) Mean of 27 days.

ion 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
tations—Exclud-Kashmir																												
ima	75·5	...	82	31	66·4	...	65	11,19	7·11	14·07	...	1·56	9	22	...	2·3	2·1	...	28	0	0	5	26	0	0	0	0	0
l	76·9	...	85	31	65·5	...	61	6	1·99	3·18	...	0·54	11	13	...	6·5	7·1	...	20	0	0	3	0	0	0	0	0	0
long	74·7	−0·6	78	21,31	64·2	−0·4	62	5 days	6·10	16·52	+2·87	2·08	8	24	+5·8	4·1	2·8	+0·6	28	0	0	0	0	0	0	0	0	0
rrapunji	70·3	−2·0	79	31	64·6	−0·7	63	16,22	22·71	117·59	+21·25	10·50	16	30	+2·5	7·6	8·1	+2·8	30	0	0	1	25	0	0	0	0	0
jiling	64·7	−1·0	70	3	58·2	+0·2	54	6	11·86	36·79	+3·87	3·53	11	28	+2·4	1·0	4·6	+1·1	31	0	0	0	3	0	0	0	0	0
jiling (Rajawan).	66·4	...	71	3	59·9	...	58	10,30	12·67	38·76	...	4·09	11	30	...	1·3	1·5	...	31	0	0	11	31	0	0	0	0	0
mpong	74·3	−1·0	78	2	67·5	+0·3	66	26,30	5·72	36·65	+13·89	6·00	5	24	+2·1	1·1	0·4	−5·0	26	0	0	0	22	0	0	0	0	0
nandu	81·7	−2·0	87	2,4,5	67·8	−0·9	66	5,23,30	4·31	23·60	+8·91	5·00	2	22	−0·7	1·7	0·9	0	29	0	0	8	0	0	0	0	0	0
teswar (Kumaon)	68·4	−1·0	77	4	59·0	+1·0	55	24	9·70	20·35	+7·98	4·30	15	19	+1·2	8·5	8·1	+2·9	24	0	0	4	0	0	0	0	0	0
nital	69·6	...	75	23	62·5	...	66	13,24,31	18·88	36·92	...	4·65	12	27	...	6·0	5·2	...	30	0	0	0	0	0	0	0	0	0
pal	50·2	...	52	28	42·5	...	43	10 days	...	20·46	...	1·60	16	25	...													
una Chetty										27·72	...	4·73	5	21	...													
sooree	68·3	−0·9	73	2	60·6	0	58	13	15·88	45·06	+17·60	7·60	18	26	+2·8	2·8	2·7	−1·5	28	0	0	11	29	0	0	0	0	0
rsali										21·76	...	2·91	23	21	...													
a										23·54	...	3·20	28	20	...													
a	69·3	−1·6	75	25	60·3	+1·1	57	13	10·72	19·60	+3·30	2·66	6	22	+2·3	1·4	1·5	−1·0	28	0	0	2	18	0	0	0	0	0
rampore										18·65	+2·77	3·00	6	23	+5·3													
lang										4·84	+3·54	0·85	19	8	+4·2													
lla										1·28	...	0·38	19	6	...													
li										26·26	...	3·28	15	23	...													
lar (R)																												
lousie	72·5	...	79	2	62·5	...	55	15	10·02	28·29	...	5·57	15	23	+3·0	...	1·2	...	24	0	0	17	0	0	0	0	0	0
ramshala	79·9	...	85	1	69·6	...	63	16	19·52	52·11	...	7·06	5	28	...	3·8	2·7	...	29	0	0	18	2	0	0	0	0	0
marhi	76·9	+0·4	86	1	69·1	+1·3	66	14	10·80	23·72	−2·51	3·97	6	19	−3·0	4·0	3·6	−3·6	25	0	0	10	20	0	0	0	0	0
	76·2	+0·9	85	7	67·2	+1·1	65	11,19	2·60	17·46	−4·53	5·62	19	17	−0·8	5·0	6·4	−1·6	26	0	0	0	9	0	0	0	0	0
abaleshwar	66·6	+1·2	72	26	61·4 (f)	−0·9	...	...	21·80	75·57	−29·76	9·21	1	31	+0·9	9·2	10·1	−2·7	31	0	0	1	31	0	0	0	0	0
di Hills	71·5	...	76	19	60·1	...	58	9	...	7·80	...	1·27	31	13	...	...	...	...	13	0	0	0	31	0	0	0	0	0
cara	68·7	0	75	26,27	62·5	+0·4	61	7 days	24·81	57·60	+14·49	9·16	6	27	−1·5	9·3	8·3	+1·1	29	0	0	0	0	0	0	0	0	0
aikanal	62·3	0	69	28	53·0	+0·9	51	7	8·93	11·19	+6·54	1·49	23	19	+8·8	9·4	9·9	+0·6	26	0	0	8	0	0	0	0	0	0
camund	62·1	+0·3	68	18	52·6	+0·6	51	5 days	5·45	9·73	+1·37	1·84	20	15	−0·8	10·5	6·5	+0·5	24	0	0	0	0	0	0	0	0	0
noor	68·5	−2·3	72	12,18,19	58·1	−1·0	54	26,27	...	5·50	+2·89	1·19	6	15	+8·0	...	5·6	+0·7	17	0	0	0	0	0	0	0	0	0
n ngu										4·31	...	0·43	6	17	...													
ngthang										18·19	...	2·75	30	24	...													
nen	57·4	...	60	19	40·5	...	40	19 days	...	10·74	...	0·98	22	26	...													
ang (Chumbi)	67·6	+2·2	72	6	36·5	−14·8	33	22	...	7·69	+1·28	1·00	2	22	+4·3	...	...	...	23	0	0	0	4	0	0	0	0	0
sa	75·2	...	84	1,19	48·8	...	43	5	...	6·79	...	0·88	10	17	...	...	0·1	...	20	0	0	0	0	0	0	0	0	0
ntse	72·9	+3·2	82	18,19	45·0	−0·7	38	22	...	6·08	+3·18	1·73	21	10	+1·8	...	0·1	−2·6	14	0	0	0	0	0	0	0	0	0
n ombo	84·3	−1·1	88	2	74·9	−2·1	72	6 days	10·17	20·01	+16·02	2·73	4	23	+14·6	...	...	...	26	0	0	2	0	0	0	0	0	0
ncomalee	90·8	−1·4	95	11,12,13	76·8	−0·8	73	25	4·24	5·44	+3·65	2·58	16	6	+3·7	...	...	...	8	0	0	4	0	0	0	0	0	0
icoloa	90·9	...	98	1	76·3	...	71	16	0·64	3·01	...	2·26	16	3	...	...	...	...	7	0	0	4	0	0	0	0	0	0
nbantota	85·2	−2·4	90	1,23,24	75·3	−1·0	73	4 days	1·30	8·31	+6·18	3·17	4	9	+4·8	...	...	...	15	0	0	1	0	0	0	0	0	0
nnar	88·2	...	91	25	79·7	...	77	7	0	0·25	...	0·23	7	1	...	...	...	...	2	0	0	0	0	0	0	0	0	0
ROMETEORO-ICAL OBSER-ORIES																												
dar Catchment																												
aro	88·1	...	94	21,22	77·5	...	75	6,26	9·50	21·22	...	8·51	6	20	...	4·7	3·2	...	26	0	0	24	0	0	0	0	0	0
taribagh	83·6	...	89	3	73·3	...	69	22	9·85	21·33	...	7·33	6	21	...	5·8	4·2	...	25	0	0	7	0	0	0	0	0	0
hi	87·2	...	92	21	76·4	...	72	22	6·78	19·91	...	3·79	4	18	...	6·4	2·9	...	24	...	...	...	...	...	...	...	...	...
ngarh	88·3	...	95	22	76·5	...	74	17,31	10·46	18·63	...	3·17	6	22	...	3·9	1·6	...	26	...	...	...	...	...	...	...	...	...
nbad	88·2	...	94	21	77·2	...	74	9	5 98	22·27	...	6·48	3	16	...	5·9	4·5	...	21	0	0	14	0	0	0	0	0	0
nsol										12·33	...	4·54	5	17	...	...	...	...	23									
anwar										10·31	...	1·56	4	16	...	...	...	...	18									
nri										19·48	...	3·20	5	20	...	...	...	...	24									
ungarh										16·05	...	4·40	5	20	...	...	...	...	28									
ganj (Giridih)										17·74	...	1·97	27	20	...	...	...	...	28									
andwa										19·25	...	3·47	6	19	...	...	...	...	26									
unki (Chas Road)										14·91	...	2·34	14	19	...	...	...		26									

-14DDGOb

R) Register not received.

(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 (0·01" 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
HYDROMETEORO-LOGICAL OBSER-VATORIES—*contd.*																												
Mahanadi Catchment																												
Baramul	89·2	...	93	5 days	77·2	...	73	18	5·53	11·08	...	2·62	20	16	...	2·5	2·1	...	24	...	...	...	...	...	...	...	...	...
Hirakud	88·9	...	93	9,23	77·0	...	74	11,18,28	5·10	23·19	...	6·05	3	28	...	0·3	0·1	...	28	...	...	...	...	...	...	...	...	...
Barkachhar	85·5	...	93	22,23	75·0	...	72	2,27	5·76	10·68	...	1·79	3	17	...	8·3	6·3	...	21	...	...	13	...	...	...	...	...	...
Sonepur	88·7	...	96	23	77·7	...	73	18	...	8·90	...	1·88	13	14	...	...	5·6	...	21	...	...	...	...	...	...	...	...	...
Ginabahar	86·3	...	90	2	74·1	...	70	17	...	22·39	...	3·45	3	24	...	...	...	...	25	...	...	...	...	...	...	...	...	...
Ganga Catchment																												
Tapoban	76·1	...	86	4 days	62·6	...	58	12	...	3·95	...	0·99	12	12	...	...	...	...	21	...	...	...	...	...	...	...	...	...
Badrinath	62·3	...	66	31	48·7	...	47	4 days	...	6·38	...	0·79	26	19	...	...	...	...	22	...	...	...	...	...	...	...	...	...
Narbada Catchment																												
Punasa	89·3	...	100	1	76·3	...	74	6 days	2·21	6·67	...	1·75	6	12	...	8·9	6·1	...	17	...	...	6	...	...	...	...	...	...
Bagra Tawa	87·3	...	100	1	76·2	...	73	6,14,24	7·63	20·26	...	5·50	6	14	...	6·9	5·2	...	18	...	...	4	...	...	...	...	...	...
Thikri	91·5	...	99	3	76·7	...	73	14	...	3·16	...	1·05	5	6	...	...	...	...	17	...	...	4	...	...	...	...	...	...
Tapti Catchment																												
Nandurbar	87·0	...	98	27	75·3	...	73	13,15,17	...	9·61	...	3·44	30	8	...	...	...	...	19	...	...	...	...	...	...	...	...	...
Sabarmati Catchment																												
Jhadol	88·0	...	...	4 days	75·1	...	72	14	...	7·20	...	1·67	31	10	...	...	...	...	12	...	...	...	...	...	...	...	...	...
Dharoi	...	...	...	...	...	...	...	...	...	7·82	...	2·67	19	10	...	...	...	...	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 %.	Departure from normal.	Cloud amounts (Oktas).		Mean wind speed, miles per hour.	Wind Speed (m.p.h.).			No of observations.								
			At mean sea or nearest sp. 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
Islands	0830	108	1006·9	1003·2	...	82·1	78·5	77·0	31·8	85	...	7·3	...	16·1	0	13	18	0	0	0	1	12	14	3	1	0
e Island	1730	,,	1004·9	1001·2	...	81·0	77·6	76·1	30·6	85	...	7·0	...	15·9	0	17	14	0	0	0	1	7	16	5	2	0
a Bandar	0830	76	1008·1	1005·5	...	81·7	78·4	77·0	31·4	86	...	6·7	...	7·0	0	3	20	0	0	0	1	0	18	6	0	6
	1730	,,	1006·4	1003·8	...	79·6	76·9	75·5	30·7	88	...	6·3	...	8·2	0	6	23	0	0	0	0	0	23	5	1	2
Island	0830	110	1008·3	1004·6	...	82·2	78·7	77·0	31·9	84	...	3·9	...	2·3	0	3	28	0	0	1	3	6	16	2	0	3
	1730	,,	1006·4	1002·6	...	86·0	76·9	75·8	30·3	86	...	6·2	...	2·6	0	0	28	0	1	0	4	3	17	3	0	3
Blair	0530	259	1007·4	998·9	...	76·9	75·5	75·0	29·4	94	...	7·0	...	7·3	6	3	19	0	0	0	0	0	16	10	1	4
	0830	,,	1008·6	999·8	+1·2	81·1	77·5	75·9	29·7	84	0	6·9	+0·3	11·0	0	3	22	0	0	0	0	2	18	10	1	0
	1130	,,	1007·9	999·1	...	82·5	77·8	75·8	30·7	80	...	7·0	...	13·4	0	12	19	0	0	0	2	2	16	10	1	0
	1730	,,	1006·8	997·8	...	78·5	76·1	74·9	30·5	89	...	6·9	...	9·4	0	7	24	0	0	0	1	1	16	12	1	0
	2330	,,	1008·4	999·4	...	77·0	75·0	74·9	27·5	93	...	5·9	...	9·0	0	10	19	0	0	0	0	1	18	8	2	2
ul	0830	30	1010·5	1009·4	...	81·6	77·3	75·4	29·8	82	...	7·2	...	5·2	0	1	29	0	4	4	22	0	0	0	0	1
	1730	,,	1008·6	1007·5	...	79·7	76·5	75·1	30·0	85	...	7·3	...	3·9	0	0	21	0	1	2	18	0	0	0	0	10
Nicobar	0830	33	1008·5	1007·6	...	82·9	78·0	75·9	30·4	80	...	6·7	...	3·5	0	0	29	0	0	0	0	0	24	3	2	2
	1730	,,	1007·4	1006·5	...	80·3	76·7	75·4	29·9	84	...	6·6	...	2·5	0	0	23	0	0	0	0	0	21	2	0	8
owry	0830	70	1009·6	1007·2	...	82·3	77·4	75·2	29·7	80	...	6·5	...	8·3	0	5	26	0	0	0	0	2	22	5	2	0
	1730	,,	1007·6	1005·2	...	80·4	76·4	74·7	29·2	89	...	6·7	...	8·1	0	6	24	0	0	0	0	0	21	6	3	1
ngarh	0830	345	1008·7	991·8	+0·9	79·6	77·8	77·6	31·5	92	+5	7·5	+0·9	1·5	0	0	22	3	6	1	3	4	2	0	3	9
	1730	,,	1008·5	988·7	...	82·8	79·2	77·6	32·6	85	...	6·4	...	1·1	0	0	15	1	7	6	0	1	0	0	0	16
ngarh (Mohanbari Aerodrome)	0230	364	1002·1	989·6	...	78·0	76·9	76·3	31·9	95	...	7·8	...	1·2	0	0	13	0	5	2	1	2	2	1	0	18
	0530	,,	1003·0	990·5	...	77·6	76·6	76·0	30·9	96	...	7·8	...	0·5	0	0	7	0	1	4	0	1	0	1	0	24
	0830	,,	1003·9	991·8	...	80·7	77·8	77·0	30·9	88	...	7·7	...	1·9	0	0	16	2	5	2	3	4	0	0	0	15
	1130	,,	1003·0	990·7	...	83·8	79·1	77·0	32·2	81	...	7·5	...	2·8	0	0	27	4	11	2	2	4	2	1	1	4
	1730	,,	1000·4	988·1	...	84·0	79·2	77·3	31·6	84	...	6·7	...	1·4	0	1	17	6	9	1	0	0	0	0	1	14
	2330	,,	1002·6	990·1	...	78·7	77·2	76·6	32·3	93	...	7·2	...	0·8	0	0	10	1	6	2	0	1	0	0	0	21
gar	0830	317	1003·6	992·8	+1·1	82·4	79·1	76·4	32·1	87	0	7·5	+0·3	2·8	0	0	31	5	7	2	5	6	4	0	2	0
	1730	,,	1000·2	989·4	...	85·0	80·4	78·4	33·5	81	...	7·1	...	2·9	0	0	28	5	8	5	1	5	0	1	3	3
ur	0830	258	1003·7	995·0	+1·2	82·1	79·5	78·4	33·4	89	+3	6·5	+0·1	1·5	0	0	23	0	0	9	4	5	5	0	0	8
	1730	,,	999·9	991·2	...	86·4	81·1	78·9	33·5	79	...	5·5	...	1·0	0	0	15	0	0	5	3	4	1	2	0	16
ur (P. B. O.)	0230	257	1002·0	993·1	...	79·5	78·3	78·0	32·6	95	...	7·7	...	1·9	0	0	17	1	1	3	4	2	5	1	0	14
	0530	,,	1002·7	993·9	...	79·4	77·2	77·4	31·2	94	...	6·7	...	1·2	0	0	14	2	4	2	1	2	3	0	0	17
	0830	,,	1003·6	994·8	...	82·8	79·6	78·0	33·4	86	...	6·9	...	2·4	0	0	26	2	3	4	7	4	5	1	0	5
	1130	,,	1002·8	994·0	...	86·3	80·2	78·0	32·6	76	...	6·5	...	2·8	0	0	24	3	4	3	3	2	3	6	0	7
	1730	,,	1000·3	991·6	...	84·1	80·0	78·3	33·3	83	...	6·4	...	1·2	0	0	15	1	4	3	1	1	2	1	2	16
	2330	,,	1002·7	993·9	...	80·3	78·7	78·1	32·9	94	...	7·0	...	1·5	0	0	18	2	1	2	4	1	0	3	0	18
hati	0830	182	1005·0	996·8	+1·3	83·0	79·6	78·4	32·8	88	+3	6·5	+0·1	2·7	0	0	26	5	8	3	1	4	2	3	0	5
	1730	,,	999·3	993·1	...	84·6	79·7	77·7	32·3	80	...	6·7	...	1·4	0	0	22	2	6	2	3	3	5	5	2	9
hati (Kaikutchi Aerodrome).	0230	162	1001·3	996·0	...	79·3	78·4	78·1	32·6	96	...	6·2	...	1·7	0	0	18	0	7	1	0	7	2	1	0	13
	0530	,,	1001·8	996·1	...	79·2	78·2	77·9	32·5	96	...	7·0	...	2·0	0	0	21	4	8	1	3	3	0	2	0	10
	0830	,,	1002·8	997·2	...	83·4	79·8	78·5	33·3	85	...	7·0	...	3·2	0	0	28	4	14	1	1	3	0	1	4	3
	1130	,,	1002·0	996·4	...	86·2	80·8	78·6	33·3	79	...	6·5	...	5·8	0	1	30	10	12	1	0	0	1	1	6	0
	1730	,,	1000·0	994·4	...	82·9	79·5	78·0	32·7	86	...	7·0	...	3·2	0	0	26	1	5	3	1	4	7	2	3	5
	2330	,,	1002·3	999·9	...	80·0	78·7	78·3	32·6	94	...	6·0	...	1·3	0	0	17	1	4	1	1	4	5	1	0	14
ibri	0830	115	1009·6	999·7	+2·0	82·1	79·5	78·7	33·4	89	+4	6·2	+0·2	2·8	0	0	24	5	1	10	1	4	0	3	0	7
	1730	,,	1000·7	996·8	...	83·0	80·2	79·2	33·6	88	...	5·8	..	2·6	0	0	23	4	1	4	1	8	3	1	1	8
har	0830	96	1004·5	1001·1	+1·4	82·2	79·2	77·9	32·7	87	+2	6·3	+0·1	0·7	0	0	9	1	4	4	0	0	0	0	0	22
	1730	,,	1001·1	997·8	...	83·6	79·4	77·6	32·7	83	...	5·8	...	0·8	0	0	11	2	2	0	0	1	2	3	1	20
a	0830	1,215	1009·4	962·2	...	78·3	76·2	74·9	30·0	90	...	7·9	...	3·0	0	0	24	0	2	0	3	2	12	3	2	7
	1730	,,	1000·4	959·5	...	80·3	77·8	76·8	31·4	89	...	7·0	...	3·2	0	3	24	0	0	0	9	3	11	1	0	7
ading	0830	466	1003·5	967·0	...	84·8	80·0	78·0	32·5	81	−1	3·9	...	1·7	0	0	16	0	0	3	3	3	1	2	4	15
	1730	,,	1000·5	984·1	...	88·8	84·9	83·3	33·0	85	...	4·5	...	2·5	0	0	23	0	0	0	8	5	8	0	2	8
rtala	†0230	52	1001·8	1000·0	...	77·8	76·8	76·3	31·1	96	...	6·2	...	7·9	0	2	23	0	0	0	8	17	0	0	0	4
	0530	,,	1001·7	999·9	...	77·5	76·8	76·3	31·4	97	...	7·4	...	8·3	0	2	26	0	0	0	20	8	0	0	0	3
	0830	,,	1002·8	1001·0	...	81·9	79·0	77·8	32·4	88	...	7·2	...	10·9	0	10	21	1	0	0	15	12	2	1	0	0
	1130	,,	1002·3	1000·5	...	84·7	79·9	77·9	32·4	81	...	7·7	...	11·7	0	16	13	0	0	0	9	14	3	0	3	2
	1730	,,	999·9	998·1	...	83·3	79·6	77·8	33·2	84	...	6·7	...	10·9	0	9	22	0	0	1	6	20	2	0	2	0
	*2330	,,	1002·8	1001·0	...	78·7	77·6	77·2	32·0	95	...	6·3	...	8·1	0	4	19	0	0	0	4	19	0	0	0	5

(R)—Register not attained. †Observations for 29 days. * 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, miles per hour.	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
Assam—*contd.*																										
Imphal	0830	2,628	896·7	917·8	...	78·1	74·9	73·6	28·5	86	...	7·1	...	3·7	0	0	27	2	1	12	4	3	4	1	0	4
	1130	,,	896·2	917·2	...	81·0	75·9	74·2	28·4	80	...	6·8	...	6·3	0	0	31	0	3	8	8	3	8	0	1	0
	1730	,,	893·7	914·7	...	79·7	74·5	72·5	27·3	79	...	6·7	...	5·1	0	0	28	0	2	0	5	6	6	9	0	3
West Bengal																										
Dum Dum	0230	33	1000·6	999·5	...	80·7	78·3	77·3	31·9	90	...	5·7	...	5·3	0	1	23	0	0	0	0	13	10	1	0	7
	0530	,,	1000·6	999·5	...	80·4	78·2	76·9	32·3	90	...	6·7	...	6·0	0	1	27	1	0	0	2	14	11	0	0	3
	0830	,,	1001·9	1000·8	...	84·3	79·3	77·1	31·9	79	...	7·0	...	8·3	0	2	28	0	0	0	4	14	11	0	1	1
	1130	,,	1001·5	1000·4	...	87·5	79·9	76·7	31·5	71	...	7·2	...	9·3	0	2	29	0	1	2	1	17	8	1	1	0
	1730	,,	999·2	998·1	...	84·5	79·6	77·6	32·1	80	...	6·8	...	9·4	0	7	20	0	0	1	0	16	10	0	0	4
	2330	,,	1001·8	1000·7	...	81·5	78·8	77·7	32·7	88	...	5·6	...	6·5	0	2	23	0	0	0	1	13	10	1	0	6
Calcutta	0830	21	1001·9	1001·2	+1·8	83·8	80·2	78·8	33·6	85	+2	6·6	−0·4	5·0	0	0	30	1	0	1	3	7	17	0	1	1
	1130	,,	1001·4	1000·7	...	88·4	81·8	79·3	34·3	75	...	6·8	...	4·7	0	0	29	0	1	1	2	6	17	1	1	2
	1730	,,	999·3	988·6	...	85·1	80·6	78·9	33·6	82	...	6·6	...	3·9	0	0	28	0	0	1	3	14	9	1	0	3
Barrackpore	0530	23	1000·8	999·9	...	(f) 80·4	(f) 78·9	(f) 78·2	(f) 33·0	(f) 94	...	6·6	...	3·5	0	0	30	1	0	1	7	14	7	0	0	1
	0830	,,	1000·9	1001·2	...	84·5	81·0	79·5	34·5	85	...	6·7	...	5·2	0	0	31	0	1	1	5	12	9	2	1	0
	1130	,,	1001·5	1000·8	...	(f) 87·9	(f) 82·1	(f) 80·3	(f) 34·5	(f) 78	...	6·9	...	6·7	0	0	31	0	0	2	1	8	17	2	1	0
	1730	,,	999·3	998·6	...	87·6	80·4	75·3	32·7	83	...	6·8	...	6·0	0	1	30	1	0	1	3	12	8	4	2	0
	2330	,,	1001·9	1001·1	...	(f) 81·6	(f) 79·3	(f) 78·3	(f) 32·9	(f) 91	...	5·3	...	4·2	0	0	30	0	1	1	3	13	10	0	2	1
Saugor Island	0830	10	1001·7	1001·4	+1·8	83·5	80·0	78·5	33·4	85	+3	6·3	−0·7	21·0	0	27	4	1	1	0	1	15	20	2	1	0
	1730	,,	999·5	999·2	...	84·3	80·5	79·1	33·5	84	...	6·9	...	19·2	0	30	1	1	0	1	1	8	18	1	1	0
Sandheads	0530	32	1001·0	999·9	...	83·4	80·2	78·8	34·1	86	...	7·0	...	14·1	0	18	12	0	0	2	0	0	26	2	0	1
	0830	,,	1002·1	1001·0	+2·1	84·0	80·2	78·5	33·2	84	+2	7·0	+0·8	15·1	0	20	11	0	0	2	0	1	26	2	0	0
	1130	,,	1001·9	1000·8	...	84·2	80·3	78·8	33·4	84	...	6·9	...	13·6	0	18	13	0	1	1	1	0	27	1	0	0
	1730	,,	1000·1	999·0	...	84·4	80·6	79·0	33·7	84	...	6·1	...	13·5	0	20	10	0	0	2	0	1	26	1	0	1
	2330	,,	1001·9	1000·8	...	83·8	80·4	79·0	33·8	85	...	1·7	...	14·6	0	20	11	0	1	2	0	3	25	0	0	0
Midnapore	0830	149	1001·7	....	...	82·6	79·5	78·0	32·9	86	+4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	1730	,,	999·2	...	...	83·2	79·9	78·3	33·0	81	−3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Contai	0830	35	1001·5	1000·3	...	83·4	80·7	79·3	34·9	88	...	7·3	...	6·9	0	0	31	0	1	0	2	1	25	2	0	0
	1730	,,	999·2	997·9	...	83·6	80·9	79·9	35·1	89	...	7·5	...	7·2	0	2	28	0	0	1	2	8	15	2	2	1
Burdwan	0830	106	1001·4	997 7	+1·3	83·1	80·1	78·7	33·7	87	+3	1·9	−4·7	2·1	0	0	24	0	0	2	6	3	12	0	1	7
	1730	,,	998·8	995·2	...	85·0	81·4	79·6	35·1	83	...	3·7	...	1·9	0	0	22	0	0	2	8	3	9	0	0	9
Krishnagar	0830	40	1001·8	1000·1	+1·4	83·4	80·5	79·6	34·1	88	+5	6·5	−0·1	3·0	0	0	31	0	0	3	3	22	1	2	0	0
	1730	,,	999·7	998·0	...	85·0	81·0	79·6	34·3	84	...	6·3	...	2·0	0	0	28	0	0	5	7	15	1	0	0	3
Asansol	0230	414	999·8	985·7	...	79·5	78·3	77·8	32·8	93	...	5·6	...	2·1	0	0	21	0	0	5	5	8	2	1	0	10
	0530	,,	1000·0	985·9	...	79·2	78·2	77·8	32·5	96	...	6·8	...	1·7	0	0	17	0	0	3	4	4	4	2	0	14
	0830	,,	1001·1	987·1	+2·1	82·7	79·1	77·5	32·5	85	0	6·6	−0·2	2·6	0	0	22	1	3	2	4	7	2	2	1	9
	1130	,,	1000·8	986·9	...	86·7	80·4	77·7	32·3	75	...	6·4	...	3·5	0	0	27	0	1	3	5	5	2	7	4	4
	1730	,,	998·4	984·4	...	84·1	79·4	77·3	32·5	81	...	7·0	...	3·2	0	0	24	0	0	4	8	2	3	4	3	7
	2330	,,	1001·0	987·0	...	80·2	78·6	78·0	32·8	93	...	6·3	...	1·5	0	0	17	0	0	3	8	4	2	0	0	14
Berhampore	0830	62	1001·0	998·8	+0·7	83·1	80·6	79·5	34·5	89	+5	7·3	+0·6	3·0	0	0	29	0	0	5	1	19	3	0	1	2
	1730	,,	998·7	996·6	...	84·7	80·8	80·5	34·0	84	...	7·0	...	2·0	0	0	21	1	0	6	2	10	2	0	0	10
Malda	0830	103	1001·7	998·2	+1·4	83·0	80·2	79·0	33·6	88	+6	6·9	+1·1	5·0	0	0	31	0	3	7	7	9	2	2	1	0
	1730	,,	999·1	995·6	...	93·5	80·3	78·9	34·2	87	...	6·7	...	3·3	0	0	26	4	3	3	5	5	1	1	4	5
Cooch Behar	0830	145	1003·3	998·7	...	81·5	78·4	76·7	31·9	87	...	7·4	...	3·1 (a)	0 (a)	0	24	1	1	7	12	1	2	0	0	6
	1730	,,	1001·0	996·5	...	83·8	79·7	78·3	31·8	84	...	6·7	...	2·1 (b)	0 (b)	0	17	2	0	6	7	2	0	0	0	12
Jalpaiguri	0830	271	1003·0	993·7	+1·4	79·4	77·5	76·5	31·2	91	+3	7·5	+2·2	5·2	0	1	26	3	9	13	2	0	0	0	0	4
	1730	,,	999·9	990·7	...	83·9	79·5	77·4	32·3	82	...	6·5	...	3·7	0	0	28	2	5	7	9	1	4	0	0	3
Bagdogra	0530	416	1001·2	987·1	...	77·7	76·7	76·1	31·0	95	...	7·8	...	2·8	0	0	15	4	6	5	0	0	0	0	0	16
	0830	,,	1002·5	988·4	...	80·5	77·8	76·7	31·9	89	...	7·7	...	6·0	0	2	22	0	12	10	2	0	0	0	0	7
	1130	,,	1001·8	987·8	...	83·5	79·0	77·2	31·8	82	...	7·5	...	6·1	0	2	25	3	8	12	3	1	0	0	0	4
	1730	,,	999·2	985·3	...	84·1	79·3	77·2	31·7	80	...	6·9	...	4·6	0	0	23	0	4	11	6	1	1	0	0	8
Orissa																										
Balasore	0830	65	1001·4	999·2	+1·0	82·5	79·2	77·8	32·3	86	+4	7·4	+1·5	8·1	0	1	30	0	1	2	0	6	21	0	1	0
	1730	,,	998·7	996·5	...	84·8	80·4	78·5	33·3	81	...	7·5	...	7·1	0	0	30	0	1	2	3	11	11	1	1	1
Chandbali	*0830	20	1002·9	1002·2	+2·9	84·0	80·1	78·8	33·2	84	0	5·1	−1·3	2·3	0	0	30	0	1	1	1	6	19	1	1	0
	1730	,,	1000·0	999·3	...	85·6	79·9	78·3	32·6	81	...	5·4	...	2·8	0	0	31	1	1	3	6	7	8	3	2	0

(a) Mean of 30 days. (f) Mean of 25 days. * Observations for 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, miles per hour.	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
sa—*contd.*																										
iri	0830	20	1002·6	1001·9	+2·0	84·4	80·3	79·0	33·6	84	+2	5·8	0	15·2	0	21	10	0	2	1	1	1	24	2	0	0
	1730	,,	1000·1	999·4	...	84·5	80·3	78·9	33·7	83	...	6·1	...	16·1	0	21	10	0	0	1	2	6	19	3	0	0
ubaneswar	0530	150	1001·2	996·6	...	79·2	77·3	76·2	31·0	91	...	6·5	..	4·7	0	1	25	0	2	0	0	0	21	3	0	5
	0830	,,	1002·4	997·2	...	83·2	79·1	77·1	32·2	82	...	6·1	..	8·7	0	4	27	0	3	1	0	0	21	6	0	0
	1130	,,	1001·9	996·7	...	87·9	80·4	77·3	32·0	77	...	6·3	...	11·0	0	10	21	0	1	2	0	1	20	7	0	0
	1730	,,	1000·0	994·8	...	84·4	79·3	77·2	32·0	80	...	6·6	...	11·9	0	9	22	1	2	1	1	4	14	7	1	0
	2330	,,	1002·2	997·1	...	82·0	78·5	77·1	31·7	85	...	4·6	...	6·0	0	2	26	0	1	0	0	0	20	6	1	3
ttack	0830	87	1002·2	999·2	+1·4	83·3	79·2	76·8	32·4	82	+2	6·1	−0·1	0·5	0	0	4	0	2	0	0	1	0	1	0	27
	1730	,,	999·6	996·6	...	85·5	79·2	76·5	31·7	77	...	6·6	...	0·7	0	0	5	1	0	0	0	0	2	1	1	26
ttack (P. B. O.)	0230	87	1001·0	998·1	...	80·5	78·0	77·1	31·6	89	...	6·2	...	1·8	0	0	20	1	1	0	0	2	13	3	0	11
	0530	,,	1001·3	998·5	...	80·3	77·8	76·8	31·4	90	...	6·5	...	1·3	0	0	14	0	2	0	0	2	10	0	0	17
	0830	,,	1002·4	999·6	...	84·3	79·7	78·3	32·7	82	...	6·3	...	2·0	0	0	18	0	2	0	0	1	13	2	0	13
	1130	,,	1001·8	999·0	...	88·4	81·0	78·5	32·6	73	...	6·6	...	3·5	0	0	30	0	4	0	0	5	15	4	2	1
	1730	,,	999·8	996·9	...	84·7	79·7	78·0	32·4	81	...	6·9	...	2·7	0	0	26	0	2	0	3	4	13	4	0	5
	2330	,,	1002·2	999·3	...	81·2	78·5	77·5	32·4	88	...	5·3	...	1·9	0	0	18	0	1	0	0	4	11	2	0	13
palpur	0530	56	1001·8	999·9	...	79·9	77·9	77·0	31·8	91	...	6·0	...	6·3	0	2	25	2	1	0	0	5	16	3	0	4
	0830	,,	1003·0	1001·1	+2·2	83·1	79·3	77·8	32·1	84	+3	5·8	+0·8	7·2	0	2	26	0	1	1	0	6	20	0	0	3
	1130	,,	1002·6	1000·7	...	86·1	81·2	79·1	34·0	79	...	5·4	...	8·1	0	2	28	0	1	1	2	10	15	1	0	1
	1730	,,	1000·5	998·6	...	83·5	79·5	77·9	32·6	84	...	6·2	...	10·4	0	11	17	2	2	0	1	7	16	0	0	3
	2330	,,	1002·9	1001·1	...	81·4	78·9	77·6	32·6	89	...	4·5	...	9·0	0	9	16	1	0	1	0	7	16	0	0	6
raput	0830	2,996	895·2	904·7	...	72·6	70·1	69·0	24·1	88	...	7·2	...	5·0	0	0	31	0	0	0	0	1	13	15	0	0
	1730	,,	893·1	902·2	...	73·3	71·3	69·3	25·4	82	..	6·8	...	5·1	0	0	31	2	1	0	0	0	3	19	6	0
gul	0830	455	1002·5	986·8	+1·7	82·0	77·1	74·8	29·4	80	0	6·7	+0·4	3·7	0	0	24	4	2	1	2	2	4	5	4	7
	1730	,,	1000·9	984·9	...	84·5	77·5	74·1	29·0	73	...	7·9	...	4·5	0	0	29	1	4	4	1	2	7	9	1	2
nbalpur	0830	486	1001·9	985·3	+1·4	80·2	76·7	75·4	29·7	87	+3	7·0	+0·4	4·8	0	1	28	0	0	2	2	7	14	4	0	2
	1730	,,	999·1	982·8	...	83·5	79·0	77·0	31·9	79	...	7·3	...	3·6	0	0	28	1	1	2	0	7	11	3	3	3
arsuguda	0230	726	1000·7	975·0	...	77·5	76·3	75·5	30·7	94	...	7·0	...	4·5	0	0	29	1	1	0	2	11	11	2	1	2
	0530	,,	1000·9	975·2	...	76·3	75·3	74·9	29·5	93	...	7·4	...	4·8	0	0	28	0	1	0	1	12	10	2	2	3
	0830	,,	1002·2	976·6	...	79·0	76·5	75·3	30·0	89	...	6·9	...	5·2	0	1	30	0	2	1	0	8	12	7	1	0
	1130	,,	1001·8	976·6	...	83·1	78·0	75·8	30·6	79	...	6·6	...	5·7	0	0	31	0	2	0	2	4	8	10	5	0
	1730	,,	998·8	973·5	...	83·8	79·3	77·2	32·2	81	...	7·3	...	5·5	0	0	30	0	0	2	1	3	12	9	3	1
	2330	,,	1001·9	976·2	..	78·7	76·7	75·8	30·5	92	...	6·7	...	4·1	0	0	26	1	0	1	0	7	12	3	2	5
tilagarh	0830	691	1002·8	979·3	...	80·4	73·8	70·6	25·7	73	...	6·3	...	2·7	0	0	29	0	1	1	2	10	14	1	0	2
	1730	,,	999·5	976·0	...	82·7	76·9	74·5	28·7	78	...	6·4	...	1·9	0	0	29	2	0	0	1	8	13	3	2	2
a Nagpur																										
rulia	0830	835	1001·1	573·0	...	81·5	77·7	79·3	30·4	84	...	5·7	...	2·5	0	0	29	0	3	1	11	1	2	1	10	2
	1730	,,	998·6	970·7	...	83·6	75·5	73·7	26·6	78		7·3	...	3·3	0	0	29	2	0	0	10	7	7	0	3	2
nshedpur	0830	423	1001·5	987·1	+2·1	82·0	77·7	76·2	30·2	83	+2	7·2	+0·1	5·9	0	0	30	0	0	3	0	0	11	14	2	1
	1730	,,	998·5	984·2	...	85·1	78·7	76·3	30·4	76	...	7·0	...	4·7	0	0	25	0	1	2	4	0	4	10	4	6
mshedpur (P. B. O.)	0530	477	1000·5	984·2	...	79·3	77·4	76·6	31·1	92	...	7·4	...	1·6	0	0	20	0	1	1	2	1	4	10	1	11
	0830	,,	1001·6	985·4	...	81·9	78·1	76·5	30·8	84	...	7·5	...	3·9	0	0	30	0	1	2	0	2	10	15	0	1
	1130	,,	1000·9	984·8	...	85·3	79·5	77·3	34·7	77	...	7·5	...	6·1	0	0	31	1	0	2	1	2	11	13	1	0
	1730	,,	998·8	982·7	...	84·6	79·0	76·8	31·5	78	...	7·6	...	3·5	0	0	25	0	0	2	2	2	8	9	2	6
	2330	,,	1001·5	985·3	...	80·9	78·6	77·8	32·1	89	...	6·0	...	1·6	0	0	17	0	1	3	1	0	4	7	1	14
aibasa	0830	742	1001·3	975·8	+1·5	81·0	77·4	75·9	30·6	84	+3	7·1	+0·6	1·4	0	0	16	0	0	0	0	0	11	3	2	15
	1730	,,	998·2	973·7	...	84·5	78·7	76·3	30·5	76	...	7·5	...	1·6	0	0	19	0	0	0	2	3	10	4	0	12
nchi	0830	2,150	892·2	929·7	+1·8	76·7	74·8	74·0	28·6	91	+6	6·9	+0·3	0·8	0	0	10	1	0	0	1	8	0	0	0	21
	1730	,,	890·7	927·9	...	78·5	75·0	73 6	29·2	85	...	7·2	..	0·5	0	0	7	0	1	2	0	2	0	1	1	24
zaribagh	0830	2,006	892·0	934·4	+1·7	77·8	74·9	73·6	28·2	88	+3	7·0	−0·1	5·2	0	0	29	3	0	1	1	7	8	4	5	2
	1730	,,	889·9	932·1	...	79·2	75·5	74·0	28·9	85	...	7·4	...	4·0	0	0	28	2	0	1	3	5	4	5	8	3
zaribagh (C. W.)	0530	2,008	890·3	932·8	...	74·4	73·4	72·8	27·7	95	...	7·0	.	1·0	(i) 0	(i) 0	7	0	0	2	0	4	0	1	0	15
	0830	,,	891·8	934·1	...	77·6	74·9	73·5	28·7	88	...	7·0	...	2·8	(i) 0	(i) 0	15	0	0	0	0	8	0	7	0	7
	1130	,,	892·1	934·1	...	81·3	76·4	73·4	28·9	80	...	7·0	...	2·7	(i) 0	(i) 0	16	0	0	2	0	8	0	6	0	6
	1730	,,	889·7	931·9	...	79·1	75·7	74·2	28·8	86	...	7·0	...	2·0	(j) 0	(j) 0	12	0	0	1	0	7	2	2	0	9
	2330	,,	891·5	934·1	...	75·9	74·5	73·9	28·4	93	...	6·3	...	0·9	(j) 0	(j) 0	7	0	0	0	0	4	1	2	0	14
lunganj	0830	725	1000·5	976·0	+1·4	82·6	78·2	76·1	30·9	81	+1	6·5	+1·5	3·2	0	0	26	0	1	3	3	1	2	14	2	5
	1730	,,	997·9	973·7	...	83·7	79·1	77·2	32·1	81	...	7·3	...	2·8	0	0	25	0	4	1	4	1	2	11	2	6

(i) Mean of 22 days. (j) 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 %.	Departure from normal.	Cloud amount (Oktas).		Mean wind speed, miles per hour.	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
Bihar																										
Purnea	0830	124	1001·8	997·6	+1·4	82·4	79·8	78·7	33·7	89	+4	7·4	+1·5	2·5	0	0	26	0	4	16	2	0	3	1	0	5
	1730	,,	999·2	995·0	...	83·8	80·2	78·8	33·8	85	...	6·4	...	1·0	0	0	12	0	0	8	1	0	2	0	1	19
Forbesganj (R)	0830	199																								
(R)	1730	,,																								
Darbhanga	0830	161	1001·7	996·1	+1·6	83·5	80·8	79·6	35·0	88	+5	7·7	+1·6	2·0	0	0	25	0	10	7	5	2	0	0	1	6
	1730	,,	998·8	993·3	...	85·9	81·7	80·3	35·4	84	...	6·6	...	1·6	0	0	21	0	7	2	7	1	3	0	1	10
Motihari	0830	218	1001·1	993·6	+1·1	83·3	80·6	79·6	34·8	89	+8	7·3	+2·3	2·5	0	0	31	0	1	30	0	0	0	0	0	0
	1730	,,	998·3	990·9	...	84·5	80·7	79·3	33·7	84	...	6·2	...	1·7	0	0	25	0	1	23	0	0	0	1	0	6
Patna	0830	173	1001·1	995·2	+1·6	83·3	80·1	78·6	34·0	86	+5	7·1	+0·5	2·9	0	0	27	0	11	0	5	2	8	0	1	4
	1730	,,	1000·2	994·3	...	85·7	80·5	78·5	33·5	79	...	6·2	...	3·4	0	0	29	0	11	6	6	0	3	2	1	2
Patna (Aerodrome)	0530	196	999·2	992·4	...	80·7	79·4	79·0	33·4	95	...	6·8	...	3·0	0	1	21	0	0	11	4	4	3	0	0	9
	0830	,,	1000·5	993·8	...	83·1	80·3	79·0	33·7	88	...	7·2	...	5·0	0	0	26	1	1	9	5	3	4	3	0	5
	1130	,,	1000·3	993·7	...	85·8	80·9	79·0	33·7	80	...	7·2	...	5·7	0	0	29	1	1	9	4	2	5	6	1	2
	1730	,,	997·5	990·9	...	85·5	80·8	78·8	34·1	81	...	6·7	...	3·9	0	0	25	1	2	10	3	2	2	4	1	6
Dehri	0830	352	1000·1	988 1	...	82·4	79·7	78·4	33·7	88	...	7·0	...	2·6	0	0	30	0	2	2	6	4	10	1	5	1
	1730	,,	997·4	985·6	...	84·5	80·1	75·0	32·9	82	...	7·2	...	2·5	0	0	30	0	5	2	7	0	6	1	9	1
Gaya	0230	373	998·8	986·1	...	80·8	78·8	78·3	32·7	93	...	6·6	...	3·3	0	2	15	0	4	3	3	2	3	1	1	14
	0530	,,	999·1	986·3	...	79.8	78·4	77·7	32·4	94	...	7·5	...	2·1	0	1	17	0	2	4	1	6	4	1	0	13
	0830	,,	1000·5	987·9	+1·5	83·4	79·4	77·6	32·5	83	+8	7·4	+2·2	6·1	0	2	23	0	2	5	3	5	8	2	0	6
	1130	,,	1000·6	987·6	...	86·8	80·4	77·9	32·4	75	...	7·5	...	6·4	0	3	23	1	6	2	1	2	5	8	1	5
	1730	,,	997·6	985·0	...	85·4	80·5	78·4	33·2	81	...	7·5	...	5·2	0	3	22	2	7	3	1	4	3	2	3	6
	2330	,,	1003·4	987·4	...	81·7	79·6	79·0	33·7	91	...	6·5	...	3·3	0	1	20	0	4	3	5	3	5	1	0	10
Jamui	0830	270	1001·2	991·9	...	83·5	80·3	77·5	34·2	85	...	7·0	...	2·3	0	0	24	0	1	13	4	0	1	1	4	7
	1730	,,	998·6	989·2	...	83·7	80·2	78·6	33·6	86	...	7·1	...	2·5	0	0	24	1	2	10	5	1	1	0	4	7
Dumka	0830	489	1001·3	984·8	+1·5	82·9	79·3	77·7	32·7	87	+5	4·2	−1·6	2·0	0	0	31	1	3	6	8	0	7	3	3	0
	1730	,,	998·8	982·3	...	82·7	79·3	77·9	32·5	86	...	5·4	...	2·3	0	0	31	4	5	8	4	0	3	5	2	0
Sahour	0830	122	1001·3	997·1	+1·6	83 2	80·7	79·4	34·6	89	+6	6·8	+0·1	5·6	0	1	29	1	1	8	10	2	5	3	0	1
	1730	,,	998·5	994·3	...	84·0	80·8	79·3	34·8	87	...	6·7	...	3·9	0	0	29	3	0	8	8	3	1	0	6	2
Bhagalpur	0530	160	1000·1	994·4	...	80·3	79·5	79·4	33·7	97	...	6·5	...	1·3	0	1	9	0	0	8	0	0	0	0	2	21
	0830	,,	1001·6	995·9	...	83·7	80·9	79·8	34·4	88	...	7·1	...	1·4	0	0	14	1	0	7	2	1	2	0	1	17
	1130	,,	1001·3	995·7	...	86·9	82·2	80·2	35·8	81	...	7·3	...	2·6	0	1	19	1	2	8	3	2	0	1	3	11
	1730	,,	998·9	993·3	...	84·2	81·3	80·1	35·0	88	...	7·2	...	1·7	0	0	16	0	2	5	5	1	0	1	2	15
	2330	,,	1001·5	995·9	...	81·7	80·3	79·8	34·5	94	...	5·6	...	1·5	0	0	13	0	1	8	4	0	0	0	0	18
U. P., East																										
Gonda	0830	360	1000·6	988·3	...	81·5	79·3	78·3	32·7	87	+5	6·9	+0·8	2·1	0	0	21	0	0	19	1	0	0	1	0	10
	1730	,,	997·5	985·5	...	85·4	80·0	78·7	32·5	81	...	5·5	...	0·8	0	0	9	0	0	8	0	0	0	1	0	22
Gorakhpur	0830	254	1000·2	992·5	+1·6	83·6	79·1	77·8	31·9	88	+5	6·6	+1·8	2·6	0	0	25	0	6	10	5	1	1	2	0	6
	1730	,,	997·2	988·8	...	85·0	80·7	77·8	33·9	79	...	5·1	...	2·0	0	0	29	2	0	18	3	6	0	5	0	2
Gorakhpur (P.B.O.)	0230	257	999·0	990·2	...	80·4	79·0	78·3	32·6	94	...	7·0	...	3·5	0	0	23	2	11	5	3	0	1	1	0	8
	0530	,,	999·3	990·5	...	79·6	78·6	78·3	33·4	96	...	7·4	...	2·1	0	0	13	0	3	6	1	0	1	2	0	18
	1130	,,	1000·3	991·6	...	84·3	80·6	79·1	33·6	85	...	7·6	...	4·4	0	1	26	1	6	8	5	2	1	3	1	4
	2330	,,	1000·3	991·6	...	81·2	79·5	79·0	33·3	93	...	6·0	...	2·7	0	0	20	1	8	2	5	3	1	0	0	11
Azamgarh	0830	255	1000·1	991·4	...	82·7	80·8	76·7	34·5	88	...	7·0	...	0·6	0	0	6	0	0	4	0	1	0	1	0	25
	1730	,,	997·1	988·7	...	86·0	81·6	80·4	34·7	83	...	4·7	...	1·4	0	0	14	0	2	6	2	1	2	0	1	17
Banaras	0830	250	1000·4	991·8	+1·3	83·1	80·0	78·8	33·6	87	+7	7·1	+0·8	6·4	0	0	31	0	2	8	3	3	8	6	1	0
	1730	,,	997·0	988·8	...	86·0	80·7	78·5	33·3	79	...	6·9	...	5·5	0	0	29	1	4	7	2	1	6	5	3	2
Banaras (Babatpur Aerodrome)	0530	280	998·9	989·3	...	82·1	78·4	78·0	31·4	93	...	7·6	...	2·6	0	0	25	0	3	5	1	3	9	2	2	6
	0830	,,	1000·4	990 9	...	82·9	79·4	77·9	32·8	85	...	7·1	...	5·2	0	0	31	0	3	7	3	1	7	9	1	0
	1130	,,	1000·4	991·3	...	86·4	80·2	77·7	32·5	76	...	7·1	...	5·4	0	0	31	1	4	4	3	1	6	9	3	0
	1730	,,	997·4	988·3	...	86·1	80·3	78·0	31·5	77	...	7·2	...	3·9	0	0	30	3	2	10	1	3	6	3	2	1
	2330	,,	999·9	990·4	...	81·5	79·0	78·5	32·7	80	...	7·2	...	2·7	0	0	20	0	2	3	5	2	4	1	1	11
Allahabad (Bamrauli)	0230	322	998·6	937·6	...	80·7	78·8	78·0	32·6	92	...	7·0	...	4·7	0	0	28	1	0	3	4	4	9	5	2	3
	0530	,,	998·7	987·7	...	80·0	78·3	77·6	32·8	93	...	7·2	...	3·5	0	0	29	0	3	4	3	6	8	5	0	2
	0830	,,	1000·1	989·1	+1·1	83·3	79·0	78·0	31·3	84	+5	7·0	+0·5	5·1	0	0	30	0	1	6	3	3	11	6	0	1
	1130	,,	1000·3	989·4	...	86·8	80·7	78·5	33·1	77	...	7·3	...	7·3	0	2	29	1	1	4	3	0	7	11	4	0
	1730	,,	997·1	986·3	...	86·3	80·7	78·8	33·7	78	...	7·1	...	6·1	0	3	26	1	3	4	2	4	7	6	2	2
	2330	,,	999·9	988·9	...	81·4	79·2	78·5	33·5	91	...	6·3	...	5·4	0	1	27	1	1	3	5	5	8	3	0	3
Fatehpur	0830	375	1000·1	987·3	..	82·4	80·3	79·4	34·7	81	0	6·9	+1·3	1·4	0	0	18	0	0	2	3	2	4	4	3	13
	1730	,,	996·9	984·3	..	86·3	82·0	80·1	35·6	83	..	6·4	...	1·1	0	0	12	0	3	2	0	1	0	4	2	19

(R) Register not received.

ision 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, miles per hour.	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
, East—*contd.*																										
da	0830	398	1000·3	986·3	...	82·9	79·6	78·0	32·8	86	...	5·3	...	1·5	0	0	17	0	2	1	2	1	3	7	1	14
	1730	,,	997·2	983·8	...	87·3	81·7	79·5	34·2	78	...	5·3	...	0·9	0	0	13	0	1	2	1	0	3	4	2	18
i	0830	463	1000·4	984·8	...	83·0	79·0	78·2	32·0	87	...	7·0	...	4·3	0	0	30	1	1	2	6	5	7	6	2	1
	1730	,,	997·4	982·2	...	86·0	81·0	79·0	33·9	75	...	7·4	...	4·3	0	0	30	1	2	5	3	7	7	5	0	1
apur	0830	414	999·7	985·9	+1·2	81·8	78·8	77·6	32·5	88	+5	6·6	+2·1	5·2	0	1	29	1	0	9	2	4	7	6	1	1
	1730	,,	996·9	983·1	...	86·9	81·0	79·3	33·4	78	...	6·1	...	4·5	0	0	29	3	2	7	2	4	4	5	2	2
cknow	0830	371	1000·1	987·4	+1·1	82·0	80·1	79·0	34·2	91	+13	6·7	+0·9	1·5	0	0	22	2	0	9	3	0	2	5	1	9
	1730	,,	997·4	984·9	...	85·2	82·3	77·2	36·0	86	...	6·2	...	1·5	0	0	23	5	1	9	2	1	1	3	1	8
cknow. (Amausi Aerodrome).	0230	419	998·1	983·9	...	81·0	79·2	78·2	32·9	90	...	6·1	...	5·0	0	1	25	0	5	3	5	1	10	2	0	5
	0530	,,	1000·3	984·0	...	79·3	78·4	78·0	32·3	96	...	6·6	...	4·5	0	1	25	0	5	4	1	3	9	1	3	5
	0830	,,	999·9	985·6	+0·9	81·4	79·2	78·3	32·7	90	+16	...	...	9·2	0	0	28	1	5	5	1	0	9	6	1	3
	1130	,,	999·8	985·7	...	87·6	80·3	78·5	32·5	84	...	7·2	...	6·3	0	1	28	0	4	5	4	3	6	3	4	2
	1730	,,	997·0	982·9	...	85·0	80·9	79·0	34·5	84	...			5·9	0	1	24	0	6	6	4	1	5	2	1	6
	2330	,,	999·5	985·2	...	81·7	80·2	79·6	34·9	93	...	5·6	...	5·6	0	0	28	0	3	5	7	2	9	2	0	3
rdoi	0830	467	999·9	984·0	...	81·0	79·2	78·5	33·3	92	...	6·9	...	2·1	0	0	24	3	0	9	5	2	2	2	1	7
	1730	,,	996 6	980·9	...	86·0	80·9	78·7	33·9	81	...	5·5	...	2·0	0	0	24	0	2	7	7	0	1	5	2	7
khimpur Kheri	0830	483	1000·0	983·6	...	81·5	78·8	77·6	32·7	88	...	6·3	...	2·3	0	0	19	1	1	4	9	3	1	0	0	12
	1730	,,	997·1	980·8	...	85·1	80·3	78·5	32·6	81	...	5·7	...	1·5	0	0	19	0	1	9	5	3	0	1	0	12
hraich	0830	407	1000·4	986·6	+1·4	81·3	78·8	77·7	32·2	88	+8	7·3	+2·8	3·0	0	0	27	0	1	12	11	1	1	1	0	4
	1730	,,	997·5	983·7	...	84·6	80·0	77·7	32·9	81	...	5·9	...	2·2	0	0	24	0	1	10	9	0	2	1	1	7
, West																										
insi	0830	823	999·8	972·1	+0·6	82·5	77·9	76·0	30·7	82	+6	4·5	−0·2	4·2	0	0	26	0	0	2	1	1	1	19	2	5
	1730	,,	996·8	969·4	...	87·6	79·9	76·7	31·1	73	...	6·2	...	2·7	0	0	18	0	0	0	0	0	1	17	0	13
ra	0830	553	999·2	980·5	+0·7	83·0	79·1	76·8	32·0	81	+7	5·5	+0·2	0·7	0	0	6	0	0	1	1	1	2	0	1	25
	1730	,,	996·4	976·0	...	90·3	80·7	76·2	31·2	67	...	5·6	...	1·2	0	0	12	1	3	1	2	0	0	1	4	19
impuri	0830	516	999·8	982·3	+1·1	82·6	79·8	78·6	33·6	88	+12	7·1	+1·8	2·7	0	0	26	0	1	7	6	3	4	4	1	5
	1730	,,	996·7	979·5	...	88·8	82·4	79·4	35·0	75	...	6·3	...	1·6	0	0	17	1	1	6	4	0	1	3	1	14
garh	0530	615	997·9	977·1	...	81·2	79·2	78·3	32·9	91	...	6·0	...	1·8	0	0	12	0	2	8	0	0	1	1	0	19
	0830	,,	999·7	978·5	...	84·1	80·3	78·7	33·2	85	+7	7·3	+2·5	2·0	0	0	15	0	1	10	0	0	1	3	0	16
	1130	,,	999·6	979·0	...	89·5	81·3	77·9	32·5	70	...	3·5	...	6·0	0	0	27	0	5	8	0	4	3	7	0	4
	1730	,,	996·1	975·8	...	90·4	82·1	78·7	33·3	73	...	6·7	...	4·6	0	0	24	0	6	6	1	1	2	7	1	7
	2330	,,	999·0	978·3	...	83·6	80·2	78·8	34·0	86	...	4·0	...	4·0	0	2	18	0	3	8	0	1	4	4	0	11
eilly	0830	568	999·5	980·2	+0·4	82·4	79·1	78·1	31·6	88	+6	7·5	+1·7	3·9	0	0	27	2	2	10	10	1	0	1	1	4
	1730	,,	996·5	977·5	...	86·1	80·5	78·5	33·1	78	...	7·3	...	1·2	0	0	15	1	1	11	0	1	0	1	0	16
eilly (P. B, O.)	0230	565	998·3	979·1	...	80·9	79·2	78·6	33·7	93	...	6·2	...	3·1	0	0	24	0	2	12	6	1	0	2	1	7
	0530	,,	998·7	979·5	...	80·2	78·8	78·4	32·6	94	...	6·6	...	3·2	0	0	22	0	6	11	1	1	1	2	0	9
	1130	,,	999·8	980·7	...	85·1	79·9	77·8	32·4	80	...	7·1	...	4·4	0	1	25	1	6	5	7	5	0	1	1	5
	2330	,,	999·2	980·0	...	82·3	80·2	79·5	34·1	92	...	5·1	...	4·1	0	0	28	0	4	17	6	0	1	0	0	9
erut	0830	728	999·4	974·9	+0·8	83·9	79·6	77·8	33·0	83	+8	5·2	+0·1	1·5	0	0	22	0	5	12	3	0	0	2	0	9
ibabad	0830	885	999·8	970·0	...	81·7	78·7	77·3	32·6	87	...	5·5	...	4·1	0	0	26	0	1	0	25	0	0	0	0	5
	1730	,,	997·5	968·1	...	87·6	80·7	77·7	32·7	74	...	3·6	...	3·0	0	0	25	0	0	2	16	0	0	0	7	6
rkee	0830	899	999·6	969·2	+0·5	80·9	78·3	77·2	32·2	89	+11	6·1	+1·0	1·1	0	0	17	0	0	0	14	1	0	0	2	14
	1730	,,	996·1	966·2	...	88·1	81·1	78·2	32·9	73	...	5·1	...	1·2	0	0	19	1	0	4	10	1	0	0	3	12
ra Dun	0530	22,29	890·4	924·8	...	74·8	73·8	73·1	28·0	95	...	7·1	...	0·6	0	0	10	2	1	1	1	2	1	1	1	21
	0830	,,	891·4	925·8	...	76·6	74·7	73·9	28·3	91	+7	6·6	+0·4	1·9	0	0	28	3	2	2	4	9	0	7	1	3
	1130	,,	892·1	926·1	...	81·2	76·4	74·4	29·3	81	...	6·7	...	2·3	0	0	27	0	0	1	8	5	6	7	0	4
	1730	,,	889·8	923·3	...	80·3	77·0	75·6	30·0	85	...	6·2	...	1·7	0	0	27	1	3	1	7	3	5	7	0	4
	2330	,,	891 4	925·6	...	77·0	75·3	74·4	29·2	92	...	6·4	...	1·3	0	0	13	4	4	2	1	1	0	1	0	18
ab (I) Delhi	0230	710	997·4	973·4	...	82·8	79·5	78·0	33·2	86	...	4·5	...	3·5	0	2	16	0	0	6	6	1	1	4	0	13
	0530	,,	997·6	973·7	...	81·6	79·0	78·0	32·7	90	...	6·0	...	3·8	0	0	18	1	0	5	3	3	2	4	0	13
	0830	,,	998 9	974·9	+0·7	84·8	79·8	77·6	32·7	80	+6	6·4	+1·4	5·9	0	3	24	2	0	6	5	2	5	5	2	4
	1130	,,	998·9	975·2	...	90·0	81·0	77·1	33·2	68	...	6·2	...	7·8	0	7	22	2	2	5	4	0	1	7	8	2
	1730	,,	995.5	971·9	...	91·7	81·2	77·1	31·9	66	...	5·5	...	4·2	0	0	22	2	3	7	3	0	3	0	4	9
	2330	,,	998·3	974·4	...	86·8	80·1	78·1	32·2	82	...	4·3	...	4·1	0	2	19	0	0	9	4	2	4	2	0	10
sar	0830	725	998·9	974·5	+0.9	85·7	79·2	76·9	30·9	76	+9	2·7	−0·1	3·0	0	0	23	1	1	3	2	2	7	6	1	8
	1730	,,	995·5	971·9	..	95·3	81·8	76·3	31·2	56	..	2·5	..	3·9	0	0	27	6	4	4	3	2	2	2	4	4
nal	0830	818	998·8	971·2	...	82·8	78·3	76·8	31·3	83	...	5·9	...	3·2	0	0	21	0	4	8	8	0	0	1	0	10
	1730	,,	996·5	969·5	...	89·6	81·3	77·9	33·3	69	...	5·1	...	1·8	0	0	15	0	5	4	4	0	0	0	2	16
bala	0830	892	998·8	968·8	+0·3	82·4	79·4	77·9	33·0	88	+12	6·6	+1·8	2·6	0	0	25	1	2	9	11	0	1	0	1	0
	1730	,,	995·4	965·9	...	90·6	81·9	78·0	31·6	65	...	5·5	...	1·5	0	0	19	0	1	2	10	0	1	1	4	12

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 miles per hour.	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
Punjab (I)—*contd.*																										
Ambala (P. B. O.)	0230	906	997 5	967·1	...	83·1	79·5	78·3	33·0	85	...	4·3	...	5·4	0	1	25	0	0	17	8	0	0	0	1	5
	0530	"	997·8	967·2	...	81·4	78·4	77·0	31·0	88	...	5·3	...	5·1	0	0	26	0	0	16	8	0	0	1	1	5
	1130	"	999·1	968·9	...	86·0	79·7	77·4	32·1	76	...	6·0	...	5·7	0	2	26	1	0	11	11	0	0	3	2	3
	2330	"	998·3	967·9	...	84·7	80·3	78·8	33·3	83	...	4·5	...	5 0	0	1	25	0	0	15	8	1	0	0	2	5
Patiala	0830	822	998·3	970·7	...	83·4	79·0	77·3	31·7	82	...	4·5	...	4·0	0	0	26	0	0	5	14	2	2	1	2	5
	1730	"	995·3	968·0	...	90·7	80·5	77·4	31·2	66	...	4·8	...	3·0	0	0	24	3	2	2	12	2	2	0	1	7
Ludhiana	0830	810	998·4	971·1	+0·2	83·2	79·3	76·9	32·0	83	+11	5·1	+1·2	1·4	0	0	15	1	1	6	5	0	2	0	0	16
	1730	"	995·6	969·0	...	91·1	81·9	78·1	33·2	65	...	4·2	..	0·3	0	0	4	0	1	3	0	0	0	0	0	27
Ferozepur	0830	657	997·8	975·7	...	85·9	78·5	74·4	29·7	74	...	4·3	...	3·0	0	0	25	1	5	0	2	2	9	1	5	6
	1730	"	994·6	972·9	...	95·3	81·3	74·6	29·0	49	...	3·9	...	2·3	0	0	28	4	6	1	4	4	3	0	6	3
Amritsar	0530	769	997·1	971·2	...	81·7	78·5	77·2	32·1	87	...	3·9	...	7·7	0	5	26	0	4	13	8	3	1	1	1	0
	0830	"	998·3	972·5	...	84·6	78·9	77·6	30·9	78	...	4·4	...	10 3	0	7	24	2	1	6	10	7	3	2	0	0
	1130	"	998·4	972·8	...	88·7	80·3	76·3	31·7	68	...	4·5	...	4·5	0	9	22	1	3	3	14	3	4	3	0	0
	1730	"	995·1 (a)	969·8 (a)	...	93·3	80·7	75·5	29·9	58	...	2·8	...	8·5	0	4	27	1	2	7	10	2	1	5	3	0
Pathankot	0830	1,128	999·1 (a)	961·2 (a)	...	81·7	77·5	75·4	30·9	77	...	6·3	...	1·2	0	0	15	0	8	4	1	0	0	1	1	16
	1730	"	996·8 (a)	959·7 (a)	...	90·2	80·3	76·1	30·4	65	...	6·1	...	1·6	0	0	20	0	2	1	3	5	1	2	6	11
Jammu & Kashmir																										
Srinagar	0830	5,205	793·5	834·3	+0·1	74·5	67·5	64·1	20·9	70	−9	3·8	+0·4	2·6	0	0	20	1	3	0	9	1	0	0	6	11
	1130	"	793·9	834·1	...	82·3	69·0	62·8	19·5	53	...	3·5	...	3·1	0	0	24	6	1	1	5	1	2	0	8	7
	1730	"	791·5	831·2	...	86·7	70·6	63·2	20 1	48	..	3·6	...	2·6	0	0	20	2	2	0	0	0	4	1	11	11
Gulmarg	0830	8,709	705·7	736·4	...	63·5	59·5	56·1	16·1	78	...	4·4	...	3·9	0	0	30	6	9	2	3	3	5	1	1	1
Dras	0830	10,059																								
	1730	"																								
Kargil	0830	8,790																								
Leh	†0530	11,529	706·0	664·1	...	50·2	41·8	26·8	5·1	41	...	2·3	...	3·1	0	0	21	0	20	0	0	0	1	0	0	9
	0830	"	706·1	665·2	+0·6	61·6	49·2	36·2	6·7	41	...	2·5	−0·8	0·8	0	0	6	1	1	0	1	0	3	0	0	25
	1730	"	701·8	661·8	...	70·2	53·6	39·6	6·6	33	...	3·5	...	3·4	0	0	21	1	3	0	0	1	7	1	8	10
Skardu	0830	7,505																								
	1730	"																								
Gilgit	0830	4,890																								
	1730	"																								
Misgar	0830	10,190																								
	1730	"																								
Jammu	0330	...																								
Rajasthan, West																										
Sri Ganganagar	0830	580	997·2	977·0	...	89·6	78·0	72·3	27·5	58	−2	1·0	−1·1	3·7	0	0	30	1	1	2	4	3	16	3	0	1
	1730	"	993·6	974·7	...	96·7	80·9	69·1	29·3	40	...	1·5	...	2·8	0	0	28	0	3	2	3	1	9	6	4	3
Bikaner	0830	734	998·5	973·2	0	87.1	77·5	72·8	27 9	63	−3	1·7	−1·2	4·1	0	0	30	1	1	1	1	0	22	2	2	1
	1730	"	994·9	970·8	...	96·9	78·3	68·1	24·9	39	...	2·5	...	3·0	0	0	30	1	1	0	3	1	19	3	2	1
Bikaner (P.B.O.)	0530	735	997·5	972·8	...	84·9	79·3	76·9	31·9	78	...	3·5	...	5·1	0	0	29	1	0	0	2	7	16	2	1	2
	1130	"	998·4	974·1	...	94·1	82·3	80·0	32·2	60	...	3·6	...	7·2	0	1	29	1	1	0	1	8	13	5	1	1
	2330	"	997·7	973·1	...	89·5	80·6	76·9	31·5	68	...	2·6	...	5·5	0	0	30	0	0	2	0	18	8	2	0	1
Jaisalmer	0830	793	998·2	971 5	...	83·6	77·1	73·5	29·3	73	...	2·7	...	18·0	0	24	7	0	0	0	0	1	28	1	1	0
	1730	"	994·4	968·6	...	96·7	79·7	72·3	27·2	44	...	3·4	...	16·6	0	19	12	0	1	0	1	0	28	0	1	0
Jodhpur	0230	736	998·3	973·5	...	84·5	76·7	72·7	28·5	69	...	3·5	...	8·1	0	4	26	0	0	0	0	4	21	5	0	1
	0530	"	998·6	973·7	...	82·8	76·3	73·4	28·2	74	...	4·5	...	7·2	0	1	30	0	0	0	0	1	22	7	1	0
	0830	"	1000·2	975·4	+2·5	84·5	77·6	74·5	30·1	73	+3	4·8	−0·9	8·9	0	2	28	0	1	0	0	1	20	8	0	1
	1130	"	1000·0	975·2	...	90·7	79·3	74·1	29·2	60	...	5·2		9·2	0	3	28	1	0	0	0	3	17	9	1	0
	1730	"	996·3	971·9	...	94·8	78·6	71·0	26·2	49	...	6.1	...	9·0	0	1	30	0	2	1	0	3	19	3	3	0
	2330	"	998·8	974·2	...	87·6	77·3	71·7	27·4	62	...	3·5	...	6·6	0	3	25	0	1	1	1	7	17	1	0	3
Phalodi	0830	767	999·3	973·3	...	83·9	78·0	75·7	30·0	79	...	3·1	...	11·4	0	11	19	0	0	1	0	2	20	7	0	1
	1730	"	996·6	971·3	...	96·1	80·7	72·3	28·5	50	...	3·5	...	15·2	0	21	10	1	1	0	1	2	23	3	0	0
Barmer	0530	638	998·1	976·6	...	82·4	77·5	75·2	29·3	79	...	4·4	...	5·0	0	1	29	0	0	0	0	2	20	8	0	1
	0830	"	999·7	978·2	+1·2	83·8	77·9	74·9	30·0	76	0	5·1	−0·3	5·0	0	0	30	0	0	0	0	10	14	5	1	1
	1130	"	999·7	978·4	...	91·2	80·0	75·1	29·8	61	...	5·6	...	7·2	0	5	23	0	0	0	0	8	14	5	1	5
	1730	"	995 9	974·9	...	97·4	81·1	74·1	28·5	48	...	5·1	...	7·5	0	5	24	0	1	0	1	9	14	2	2	2
	2330	"	998·5	977·2	...	88·1	79·1	75·1	30·2	67	...	3·4	...	6·3	0	0	27	0	0	1	0	7	16	3	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.			Mean temperature in °F.			Vapour pressure in mbs.	Relative humidity %.	Departure from normal.	Cloud amount (Oktas).		Mean wind speed, miles per hour.	Wind Speed (m.p.h.).			No. of observations.								
			At mean sea or nearest s.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
asthan, East																										
kar	0830	1,419	999·5	952·3	...	83·8	76·7	73·3	28·5	71	...	4·4	...	3·8	0	0	27	0	0	2	3	2	4	11	5	4
	1730	"	995·9	949·4	...	91·9	78·5	69·5	27·1	59	...	6·5	...	2·7	0	0	31	0	3	4	3	5	9	5	2	0
ipur	0830	1,431	999·7	952·0	+0·3	83·7	77·1	74·1	28·8	74	+1	5·1	—0·1	7·8	0	2	28	1	1	3	2	0	3	13	7	1
	1130	"	999·3	952·2	...	89·7	78·7	73·8	28·4	61	...	4·8	...	7·0	0	0	31	1	2	3	1	0	2	13	9	0
	1730	"	996·1	949·1	...	89 7	78·7	73·3	28·5	62	...	6·1	...	7·0	0	0	29	0	4	4	0	1	5	13	2	2
pur (Sanganer Aerodrome),	0230	1,282	997·8	954·9	...	82·1	76·8	74·2	29·1	79	...	4·4	...	9·2	0	2	24	1	1	3	2	0	4	13	2	5
	0530	"	998·1	955·1	...	80·4	76·6	75·0	29·7	84	...	5·5	...	5·7	0	2	24	0	3	1	1	0	3	12	6	5
	0830	"	999·3	956·6	...	84·3	77·9	74·3	29·8	73	...	5·6	...	11·1	0	14	14	1	1	3	1	0	1	14	7	3
	1130	"	999·0	956·7	...	89·6	78·9	74·0	28·4	61	...	6·0	...	11·2	0	14	15	0	2	3	1	0	1	15	7	2
	1730	"	995·8	953·6	...	89·7	78·5	73·2	28·4	60	...	6·7	...	10·2	0	7	23	1	5	2	0	1	5	13	3	1
	2330	"	998·2	955·7	...	83·8	77·7	75·0	29·7	76	...	4·8	...	6·2	0	1	21	0	1	5	1	0	6	7	2	9
ıer	0830	1,593	1000·1	947·1	+0·	81·7	75·0	72·3	26·7	73	—1	5·5	+0·7	10·3	0	8	22	0	0	0	1	1	13	14	1	1
	1730	"	996·2	944·1	...	90·4	76·2	69·9	25·3	53	...	6·6	...	5·7	0	0	31	1	3	0	2	1	11	11	2	0
tah	0530	843	998·4	973·2	...	82·6	76·7	73·8	28·4	75	...	4·4	...	4·5	0	0	22	0	0	0	0	0	4	17	1	9
	0830	"	1000·0	971·6	+0·7	84·9	77·3	73·8	28·8	70	0	6·3	+1·0	4·6	0	0	29	1	0	0	0	1	8	17	2	2
	1130	"	999·9	971·9	...	90·1	78·7	73·5	27·8	58	...	6·6	...	4·0	0	0	26	0	1	1	1	1	1	18	3	5
	1730	"	996·8	968·7	..	89·8	78·3	73·0	28·1	60	..	7·0	...	2·5	0	0	19	0	0	0	2	2	4	9	2	12
	2330	"	999·5	972·8	...	85·2	77·5	74·1	27·2	71	...	5·0	...	3·7	0	0	23	0	0	0	0	0	9	13	1	8
lawar	0830	1,053	1000·7	965·2	+0 8	80·8	76·3	74·4	29·1	81	0	4·2	—2·1	5·6	0	0	31	0	0	0	1	0	10	19	1	0
	1730	"	997·5	962·5	...	87·1	78·1	74·1	28·7	66	...	5·1	...	3·9	0	0	27	2	2	3	1	0	6	11	2	4
ipur	0230	1,910	890·6	936·6	...	77·1	73·8	72·3	27·2	85	...	6·0	...	4·6	0	2	21	0	0	0	0	6	15	2	0	8
	0530	"	890·3	936·3	...	76·3	73·2	71·7	26·5	86	...	6·5	...	3·0	0	0	19	0	0	1	0	1	16	1	0	12
	0830	"	891·4	937·2	+0·4	79·1	74·6	72·5	27·3	80	+4	6·1	+0·7	2·7	0	0	22	0	0	0	0	0	18	2	2	9
	1130	"	892·4	937·8	...	84·1	75·9	72·3	27·4	68	...	6·4	...	4·3	0	0	28	1	1	0	0	2	14	8	2	3
	1730	"	889·9	935·2	...	83·6	76·0	72·7	27·6	70	...	6·8	...	4·8	0	0	26	1	0	0	0	4	18	1	2	5
	2330	"	891·4	937·3	...	78·4	74·5	72·8	27·1	84	...	4·8	...	2·4	0	0	14	0	0	0	0	2	11	1	0	17
ya Bharat																										
ılior (P. B. O.) . .	0230	688	998·1	974·8	...	81·3	77·8	76·2	30·9	85	...	6·2	...	3·9	0	0	25	0	0	3	1	4	14	2	1	6
	0530	"	998·0	974·5	...	81·1	77·5	75·6	30·6	84	...	7·0	...	4·5	0	0	28	0	1	3	1	2	15	5	1	3
	0830	"	999·2	976·0	+0·9	83·9	78·3	75·5	30·5	77	0	6·6	+0·8	5·7	0	0	28	0	1	2	2	1	14	4	4	3
	1130	"	999·5	976·5	...	87·4	79·5	76·2	30·8	70	...	7·2	...	5·5	0	0	31	2	2	3	1	2	6	9	6	0
	1730	"	996·6	973·6	...	87·6	79·9	76·6	31·4	71	...	7·3	...	4·7	0	0	30	1	3	4	1	2	9	6	4	1
	2330	"	999·2	976·0	...	82·2	78·6	77·1	31·7	85	...	5·7	...	3·2	0	0	23	0	1	0	3	5	11	0	3	8
pur Kalan . . .	0830	771	999·6	973·5	...	83·0	78·8	76·8	31·7	83	...	6·8	...	2·8	0	0	20	0	1	0	0	5	13	1	0	11
	1730	"	997·0	971·1	...	87·7	80·1	76·9	31·6	73	...	5·8	...	2·6	0	0	18	1	1	1	0	9	4	2	0	13
ı	0530	1,571	999·6	946·8	...	76·7	75·0	74·3	29·0	93	...	6·8	...	3·5	0	0	25	0	0	1	0	0	19	5	0	6
	0830	"	1000·5	948·0	+0·7	78·7	76·2	75 5	29·9	89	+6	7·2	+1·4	5·2	0	0	29	2	0	0	0	1	11	15	0	2
	1130	"	1000·9	948·6	...	83·1	78·2	76·2	31·0	80	...	7·0	...	4·6	0	0	29	1	0	1	1	2	13	8	3	2
	1730	"	997·8	945·8	...	83·4	78·0	76·0	30·5	79	...	7·2	...	3·6	0	0	27	2	2	2	0	4	8	8	1	4
	2330	"	1000·6	947·9	...	78·9	76·5	75·4	30·2	89	...	6·5	...	2·8	0	0	21	0	0	1	1	9	10	0	0	10
ıuch	0830	1,626	1001·6	947·1	+1·0	78·5	74·8	73·1	28·0	84	+4	7·2	+1·4	8·3	0	2	29	1	0	0	1	0	13	15	1	0
	1730	"	998·3	944·7	...	85·4	75·0	72·1	25·4	65	...	7·0	...	9·6	0	4	27	0	2	1	0	0	13	13	2	0
ım	0830	1,596	1002·0	948·3	...	76·4	74·4	73·2	27·9	90	...	7·8	...	7·0	0	1	29	1	1	0	0	1	8	16	3	1
	1730	"	998·8	945·9	...	84·2	76·3	72·9	27·7	70	...	7·5	...	8·2	0	1	30	0	0	1	1	0	8	20	1	0
re	*0530	1,861	890·3	938·4	...	73·9	72·5	71·7	26·7	93	...	6·9	...	6·3	0	1	27	0	0	0	0	0	8	19	1	3
	0830	"	891·8	939·7	+0·5	76·4	73·6	72·3	27·0	87	0	7·6	+0·4	8·3	0	2	27	0	0	0	0	0	6	22	1	2
	1130	"	892·4	939·9	...	81·0	74·9	72·5	27·1	76	...	7·3	...	8·1	0	3	27	0	0	0	0	1	3	21	5	1
	1730	"	889·8	937·1	...	81·4	74·8	72·1	27·0	75	...	7·2	...	6·1	0	0	30	1	1	0	2	2	12	10	2	1
	2330	"	891·6	939·5	...	75·9	73·6	72·5	27·4	89	...	6·2	...	4·3	0	0	19	0	0	0	0	0	14	5	0	12
al (Bairagarh) . .	0230	1,714	889·6	942·9	...	75·6	73·3	72 9	27·1	90	...	7·0	...	8.3	0	4	26	0	1	0	1	2	13	13	0	1
	0530	"	889·6	942·8	...	74·8	72·9	72·1	26·8	91	...	7·3	...	9·3	0	7	23	0	1	0	0	2	11	15	1	1
	0830	"	891·0	944·2	+0·6	77·4	74·2	72·9	29·0	86	0	7·4	+0·8	11·0	0	9	22	1	0	1	0	0	7	18	4	0
	1130	"	891·8	944·5	...	82·0	75.6	72·9	27·8	74	...	7·5	...	12·2	0	12	19	2	0	0	1	0	3	18	7	0
	1730	"	889·1	941·6	...	81·7	75·3	72·5	27·3	75	...	7·5	..	9·4	0	6	24	1	0	0	2	4	10	9	4	1
	2330	"	890·8	944·0	...	76·7	74·0	73·2	27·6	89	...	7·1	..	6·9	0	2	28	1	0	0	3	2	16	8	0	1

TABLE III— SUMMARY OF OBSERVATIONS AT FIXED HOURS—JULY 1953.

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, miles per hour.	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																										
Nowgong	0830	750	1000·1	974·8	+0·8	81·5	77·5	75·6	30·4	83	+4	7·0	+0·8	4·8	0	0	3	0	1	2	1	2	21	3	1	0
	1730	"	997·2	972·1	...	85·9	79·1	76·3	30·9	74	...	7·2	...	4·6	0	0	2	1	3	5	1	4	12	3	0	2
Sutna	0830	1,641	1000·1	965·1	+1·2	80·6	77·7	76·3	31·2	87	+8	6·7	+0·5	4·3	0	0	31	1	1	0	2	5	12	8	2	0
	1730	"	997·5	962·7	...	84·1	79·6	77·7	32·5	81	...	7·1	...	5·4	0	1	28	2	2	4	1	2	10	5	3	2
Umaria	0830	1,506	1000·7	950·3	...	78·5	75·3	73·1	28·6	84	+1	7·6	+0·6	3·6	0	0	25	0	1	1	1	0	12	10	0	6
	1730	"	998·0	946·9	...	82·1	76·6	74·3	29·0	79	...	7·5	...	3·0	0	0	22	1	1	1	1	1	8	7	2	9
Madhya Pradesh, East																										
Gondia	0830	1,026	1002·7	968·0	...	79·3	75·7	74·0	28·5	84	...	6·3	...	2·5	0	0	24	2	0	0	1	6	15	0	0	7
	1730	"	999·4	965·0	...	82·7	77·1	74·5	29·3	77	...	6·3	...	2·8	0	0	27	2	1	0	3	5	16	0	0	4
Pendra	0530	2,048	890·8	932·0	...	73·5	72·7	72·2	27·1	96	...	7·6	...	3·2	0	0	22	0	0	1	0	18	1	0	2	9
	0830	"	892.1	933·3	+1·4	75·1	73·5	73·0	27·5	93	+9	7·9	+2·1	3·2	0	0	24	0	0	0	2	20	0	0	2	7
	1130	"	892·5	933·3	...	79·8	75·6	73·9	28·5	82	...	7·9	...	4·2	0	0	29	0	1	0	1	14	9	1	3	2
	1730	"	890·1	930·8	...	79·1	75·2	73·6	28·2	84	...	7·9	...	3·4	0	0	19	0	1	1	1	9	3	2	2	12
	2330	"	892·2	933·5	...	75·4	74·0	73·3	28·1	93	...	7·7	...	2·4	0	0	19	0	0	0	1	13	4	0	1	12
Raigarh	0830	723	1002·2	977·6	...	79·7	76·8	75·4	30·2	88	...	7·5	...	2·8	0	0	26	0	2	0	2	4	12	5	1	5
	1730	"	999·0	974·8	...	84·9	78·1	75·0	29·8	73	...	6·8	...	2·3	0	0	25	1	2	0	1	4	9	6	2	6
Ambikapur	0830	2,005	891·9	934·6	...	76·3	73·8	72·9	27·5	89	...	5·9	...	7·3	0	0	31	0	0	0	2	4	12	10	3	0
	1730	"	889·8	932·2	...	79·1	75·2	73·5	28·2	84	...	5·1	...	6·1	0	0	30	4	1	0	1	4	8	10	2	1
Champa	0830	805	1002·2	974·9	..	79·0	76·4	75·2	29·9	89	...	7·5	...	5·3	0	1	27	0	0	1	1	2	9	15	0	3
	1730	"	998·9	971·9	...	84·5	78·3	75·5	30·3	76	...	7·3	...	6·1	0	1	29	1	2	2	1	5	9	8	2	1
Raipur	0530	979	1001·0	967·7	...	76·3	74·5	73·6	28·4	92	...	6·9	...	2·0	0	0	22	0	1	0	0	6	12	3	0	9
	0830	"	1002·4	969·2	+1·5	78·9	75·4	73·9	28·5	85	+1	7·2	+0·8	3·1	0	0	23	0	0	1	0	3	14	5	0	8
	1130	"	1002·1	969·1	...	82·6	76·5	73·7	28·4	75	...	7·1	...	4·5	0	0	27	0	0	0	2	1	10	13	1	4
	1730	"	999·1	965·9	...	83·3	76·7	73·7	28·4	74	...	6·6	...	3·6	0	0	27	0	0	1	2	4	9	10	1	4
	2330	"	1002·4	969·1	...	78·3	75·6	74·4	29·0	88	...	6·2	...	2·3	0	0	19	0	0	0	1	4	11	2	1	11
Kanker	0830	1,318	1002·9	958·6	+1·9	79 7	75·1	73·1	27·7	80	−2	7·0	−0·4	1·2	0	0	12	0	0	0	0	3	7	2	0	18
	1730	,,	999·8	955·9	...	82·8	76·7	74·3	28·6	75	...	6·9	...	1·0	0	0	15	0	0	0	0	0	10	2	3	14
Chanda	0830	634	1003·2	981·6	+0·8	80·2	76·6	74·7	29·6	84	+6	6·8	+0·6	2·6	0	0	16	0	0	0	0	0	13	2	1	12
	1730	"	999·7	978·3	...	84·9	76·4	76·5	27·2	79	...	7·2	...	3·7	0	0	25	0	1	0	5	0	15	1	3	6
Sironcha	0830	405	1003·1	989·9	...	80·4	76·5	74·7	29·4	83	...	6·1	...	3·0	0	0	25	1	0	2	5	4	4	6	3	4
	1730	"	1000·6	987·0	...	86·8	78·1	74·5	28·9	69	...	6·3	...	2·6	0	0	26	2	1	2	4	2	4	8	3	2
Jagdalpur (P.B.O.)	0530	1,813	891·5	941·4	...	72·9	71·5	70·9	25·7	93	...	6·6	...	1·9	0	0	16	0	0	0	0	3	8	5	0	11
	0830	"	893·1	942·7	+1·3	76·8	73·2	71·7	26·5	84	0	7·0	+0·4	4·8	0	0	28	0	2	0	0	5	16	5	0	1
	1130	"	893·4	942·6	...	80·8	74·5	71·8	26·4	75	...	7·1	...	4·6	0	0	29	0	0	1	0	2	13	11	2	2
	1730	"	890·9	940·1	...	80·1	74·4	71·8	26·7	76	...	7·3	...	4·1	0	0	27	0	0	2	1	10	7	7	0	1
	2330	"	892·3	942·5	...	74·5	72·0	71·4	25·8	90	...	5·3	...	1·3	0	0	11	0	0	1	2	1	6	1	0	3
Madhya Pradesh, West																										
Buldhana	0830	2,133	893·1	931·5	...	73·8	71·9	70·5	26·0	90	...	6·7	...	4·5	0	0	30	0	0	0	0	0	2	17	11	1
	1730	"	891·5	929·4	...	80·0	73·6	70·5	25·6	71	...	7·3	...	3·3	0	0	31	3	0	0	1	1	4	4	18	1
Akola	0830	925	1002·9	971·5	+0·5	78·6	74·5	72·1	27·3	81	+3	7·5	+1·2	8·3	0	2	29	0	0	0	0	2	8	13	8	1
	1130	,,	1002·7	971·5	...	83·9	76·3	72·8	27·5	69	...	7·0	...	7·9	0	3	28	0	0	3	0	0	1	20	10	1
	1730	"	999·5	968·6	...	85·4	73·2	71·0	22·4	64	...	6·7	...	6·5	0	1	30	4	3	1	0	1	5	2	15	1
Akola (Aerodrome)	0530	1,015	1001·4	966·8	...	75·5	73·4	72·4	27·2	90	...	6·7	...	4·5	0	1	25	0	0	0	0	0	13	12	1	1
	2330	"	1002·2	967·7	...	78·0	75·1	73·8	28·4	87	...	6·7	...	4·0	0	2	20	0	0	0	1	2	10	6	3	
Amravati	0830	1,213	1002·9	962·0	+0·9	77·4	74·3	72·5	27·6	86	+5	6·8	+0·6	5·3	0	0	30	0	1	0	1	0	21	6	1	
	1730	"	999·1	958·7	...	84·1	75·8	71·2	26·7	68	...	7·2	...	5·9	0	0	31	0	2	0	1	0	9	15	4	
Yeotmal	0830	1,481	1002·8	952·9	...	76·8	74·1	73·0	27·5	88	...	7·6	...	6·3	0	3	24	0	0	0	0	0	14	0	13	
	1730	"	999·2	949·9	...	82·1	75·6	72·8	27·3	73	...	7·7	...	6·5	0	3	23	0	2	0	2	0	15	0	7	
Khandwa	0830	1,044	1002·2	966·8	+0·2	79·1	75·5	74·0	28·5	84	+4	7·8	+1·7	5·5	0	0	30	0	0	1	0	4	19	5	1	
	1730	"	998·7	963·8	...	85·2	77·1	73·8	27·9	71	...	7·8	...	5·2	0	0	29	0	0	0	0	2	19	5	3	
Hoshangabad	0830	992	1001·8	968·1	+0·3	78·2	75·6	74·5	29·1	89	+3	7·3	+0·4	3·7	0	0	31	1	0	1	0	2	12	15	0	
	1730	"	998·8	965·0	...	82·5	76·9	74·3	29·1	78	..	7·5	...	3·5	0	0	29	0	3	2	0	1	11	11	1	
Sagar	0830	1,808	890·7	940·2	+0·8	77·6	74·5	73·3	27·9	86	+3	6·6	+0·4	8·3	0	4	27	2	1	0	1	1	8	17	1	
	1730	"	888·5	937·8	...	80·6	75·6	73·2	28·2	79	...	6·5	...	6·6	0	1	30	0	3	1	0	1	12	12	2	
Jabalpur	0530	1,289	1000·1	956·5	...	76·6	74·6	73·7	28·3	91	...	7·7	...	1·9	0	0	14	0	0	0	3	3	7	1	0	
	0830	"	1001·5	958·1	+1·5	79·3	75·6	73·8	28·6	84	+1	7·6	+0·9	3·6	0	0	26	0	0	0	4	3	16	3	0	
	1130	"	1001·2	958·1	...	83·0	77·1	74·5	29·1	76	...	4·2	...	4·8	0	0	28	0	0	0	2	4	17	5	0	
	1730	,,	998·4	955·4	...	82·5	76·6	74·0	28·6	77	...	7·6	...	4·7	0	0	27	0	1	1	4	1	14	5	1	
	2330	"	1001·0	957·7	...	78·1	75·6	74·5	29·1	89	...	7·3	...	2·6	0	0	15	0	0	0	3	1	9	2	0	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).		Mean wind speed, miles per hour.	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
hya Pradesh, West—*contd.*																										
ındla	0830	1,452	1001·7	952·8	...	77·5	75·5	74·5	29·2	91	..	7·2	...	2·3	0	0	21	0	1	0	3	8	5	3	1	10
	1730	"	998·6	950 2	...	81·2	76·7	74·6	29·3	81	...	7·3	...	3·5	0	0	30	4	3	0	3	6	3	7	4	1
ni	0830	2,027	892·2	934·1	+1·0	75·9	74·1	72·7	28·0	88	+5	7·5	+1·2	4·3	0	0	29	1	0	0	2	5	9	10	2	2
	1730	"	890·3	931·7	...	80·9	75·0	72·0	27·2	75	...	7·4	...	5·3	0	0	30	4	0	0	3	9	5	8	1	1
ıindwara	0830	2,248	893·3	927·5	...	75·4	72·8	71·6	26·5	88	...	5·7	...	3·6	0	0	26	0	0	1	0	0	2	21	2	5
	1730	"	891·1	925·0	...	80·2	74·0	71·3	26·1	76	...	5·5	...	4·5	0	0	30	1	1	0	1	1	2	19	5	1
ıl	0830	2,144	893·2	931·0	...	75·2	72·5	71·3	26·2	87	...	8·0	...	4·7	0	0	27	0	0	1	0	2	6	16	2	4
	1730	"	890·9	928·4	...	79·7	73·7	71·0	25·9	76	...	7·7	...	4·7	0	0	30	1	1	0	0	0	7	15	5	1
pur	0230	1,010	1001·2	966·8	...	77·1	74·4	73·9	27·8	90	...	7·0	...	4·3	0	0	24	0	0	0	0	2	15	6	1	7
	0530	"	1001·1	966·8	...	77·0	74·3	73·3	27·7	90	...	7·0	..	3·5	0	0	23	0	0	0	0	1	16	5	1	8
	0830	"	1002·5	968·3	+0·9	79·5	75·3	73·1	28·1	81	+3	7·4	+0·9	7·1	0	2	25	0	0	0	0	1	13	10	3	4
	1130	"	1002·1	968·2	...	84·7	76·9	73·2	28·1	69	...	7·2	...	7 6	0	3	27	0	0	0	0	5	6	11	8	1
	1730	"	999·1	965·3	...	84·0	76·5	72·8	27·8	71	...	6·8	...	6·0	0	1	26	1	1	1	0	5	9	5	5	4
	2330	"	1002·3	968·0	...	78·4	75·5	74·4	28·8	88	...	6·9	...	4·2	0	1	20	1	0	0	0	3	14	2	1	10
at																										
a	0830	444	1001·2	986·1	+0·7	82·1	78·4	76·9	31·5	85	...	4·8	..	...	0	0	24	0	0	0	0	3	20	1	0	7
	1730	"	997·3	982·5	...	91·9	79·9	74·6	29·4	69	...	5·2	...	...	0	0	26	0	1	0	0	6	17	2	0	5
ŕ.	0530	39	1001·6	1000·3	...	79·8	78·0	77·3	32·0	92	...	7·6	...	4·4	0	1	28	0	0	0	3	5	14	6	1	2
	0830	"	1002·8	1001·5	+0·3	81·3	78·7	77·6	32·3	89	+6	7·6	+0·7	4·7	0	1	28	0	0	0	7	3	12	6	1	2
	1130	"	1003·2	1001·9	...	84·7	79·8	77·5	32·6	80	...	7·5	...	6·6	0	2	28	0	0	0	1	6	16	6	1	1
	1730	"	1000·6	999·3	...	85·2	79·7	77·4	32·1	78	...	7·3	...	6·0	0	0	30	0	0	0	1	2	23	4	0	1
	2330	"	1003·0	1001·7	...	81·3	78·5	77·3	32·0	88	...	5·0	...	5·3	0	0	30	0	0	0	3	8	17	2	0	1
edabad	0230	182	1000·7	994·5	...	80·1	77·6	76·5	31·2	89	...	5·8	..	6·2	0	0	31	0	0	0	0	9	19	1	2	0
	0530	"	1000·6	994·3	...	79·2	77·0	76·1	30·7	91	...	6·1	...	4·8	0	0	29	1	0	1	1	9	15	2	0	2
	0830	"	1001·8	995 6	+0·2	81·6	78·6	77·4	32·1	87	+4	6·4	+0	5·7	0	0	30	0	0	1	0	6	19	4	0	1
	1130	"	1002·0	995·8	...	86·4	79·9	77·2	31·9	75	...	7·0	...	5·9	0	0	27	1	0	0	0	2	17	4	3	4
	1730	"	998·6	992·5	...	88·7	80·7	77·5	32·1	70	...	6·7	...	9·2	0	4	27	0	0	0	5	14	8	3	1	0
	2330	"	1001·5	995·3	...	81·2	78·2	77·0	31·6	87	...	6·5	..	7·7	0	1	30	0	1	0	2	16	11	1	0	0
id	0830	1,093	1002·1	965·2	...	79·2	75·9	74·2	29·1	85	−3	6·9	−0·4	11·7	0	11	19	0	0	0	0	0	14	16	0	1
	1730	,,	998·9	962·5	...	86·1	76·9	72·5	27·4	65	...	7·1	...	12·5	0	11	20	0	0	0	0	0	26	5	0	0
da	0530	115	1001·2	997·2	...	78·8	77·8	77·3	32·1	95	...	6·7	...	2·3	0	0	22	0	0	0	0	4	18	0	0	9
	0830	"	1002·4	998·4	...	80·7	78·9	78·0	32·9	92	+7	7·1	+0·1	1·9	0	0	21	0	0	0	0	4	13	3	1	10
	1130	"	1002·6	998 7	...	85·3	80·0	77·5	32·6	79	...	7·1	...	3·8	0	0	27	0	2	0	0	1	18	5	1	4
	1730	"	999·7	995·8	...	86·8	80·4	77·6	32·6	75	...	6·5	...	4·5	0	0	29	0	1	0	1	5	20	2	0	2
	2330	"	1002·4	998·4	...	80·5	78·6	77·6	32·5	92	...	6·1	...	4·5	0	0	29	0	0	0	0	7	22	0	0	2
ia (Aerodrome) . .	0530	124	1001·3	997·0	...	79·0	77·4	76·8	31·4	93	...	6·3	...	3·2	0	0	28	0	0	0	0	4	23	1	0	3
	0830	"	1002·5	998·2	...	81·5	78·5	77·4	31·9	87	...	6·8	...	3·6	0	0	28	0	0	0	0	6	19	3	0	3
	1730	"	999·6	995·4	...	86·1	79·5	76·9	31·4	75	...	6·5	..	8·3	0	5	25	1	0	0	3	9	15	1	1	1
	2330	"	1002·3	998·0	...	80·5	77·8	76 8	31·3	89	...	5·7	...	5·1	0	1	30	0	0	0	1	5	24	1	0	0
ch	0830	57	1002·1	1000·1	...	80·8	78·1	76·5	31·7	87	...	6·5	...	3·1	0	0	31	0	0	0	0	2	29	0	0	0
	1730	"	999 6	997·6	...	86·0	78·7	75·3	30·2	72	...	6·8	...	8·1	0	3	28	0	0	0	0	6	22	3	0	0
htra and Kutch																										
. . . . .	0830	343	1000·8	989·3	+0·8	83·1	78·2	76·2	30·8	79	0	6·3	+0·3	6·5	0	1	29	1	0	0	0	0	13	13	3	1
	1730	"	998·4	986·9	...	89·5	78·0	72·7	27·5	59	...	5·7	...	15·0	0	24	7	2	0	0	0	0	17	11	1	0
(P. B. O.) . . .	0230	347	999 6	987·8	...	81·6	77·7	76·0	30·0	84	...	4·7	...	8·6	0	6	22	0	0	0	0	0	24	4	0	3
	0530	,,	999·3	987·5	...	80·9	77·3	75·8	30·3	85	...	5·3	...	6·0	0	1	27	0	0	0	0	0	24	3	1	3
	0830	"	1000·3	988·6	...	83·3	78·1	76·2	30·5	79	...	6·5	...	6·8	0	1	28	0	0	0	0	0	22	5	1	2
	1130	"	1000·5	988·8	...	88·2	78·2	74·4	28·4	65	...	6·4	...	8·4	0	3	24	0	0	0	0	0	18	3	1	4
	1730	"	998·1	986·5	...	89·9	78·3	73·9	27·8	60	...	6·0	...	10·6	0	8	22	0	1	0	0	0	23	5	1	1
	2330	"	1000·3	998·5	...	82·6	77·3	75·3	29·6	79	...	4·1	...	8·7	0	3	27	0	0	0	0	0	25	5	0	1
ka	0830	37	1001·4	1000·1	+0·3	83·7	80·4	79·1	33·9	86	+3	6·5	−0·1	14·4	0	20	11	0	0	0	0	0	18	12	1	0
	1730	"	999·7	998·4	...	85·2	80·6	78·6	33·5	81	...	6·2	...	15·9	0	25	6	0	0	0	0	0	21	10	0	0
ndar	0830	23	1001·6	1000·8	...	83·0	79·7	77·9	33·1	85	...	5·7	...	15·6	0	21	10	0	0	0	0	0	13	17	1	0
	1730	"	1000·1	999·3	...	85·1	80·4	78·5	33·3	81	...	7·3	...	14·3	0	22	9	0	0	0	0	0	15	15	1	0
agar	0530	74	1000·4	997·8	...	79·6	76·9	75·9	30·4	88	...	5·6	...	8·5	0	4	27	0	0	0	0	4	22	4	1	0
	0830	"	1001·4	998·8	+0·6	83·3	78·6	76·7	31·3	81	0	6·2	+1·3	12·2	0	12	19	0	0	1	0	1	21	7	1	0
	1130	"	1001·7	999·1	...	88·4	79·1	75·3	29·7	66	...	7·0	..	14·1	0	16	15	2	0	0	0	1	11	16	1	0
	1730	"	999·3	996·8	..	87·3	79·0	75·5	30·0	69	...	6·9	...	16·5	0	24	7	0	0	0	0	0	11	18	2	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, miles per hour.	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
Saurashtra and Kutch—*contd.*																										
Rajkot	0830	432	1001·7	986 9	+0·5	80·7	78·0	76·6	31·6	88	+7	6·1	−0·5	6·8	0	3	28	0	1	0	0	2	16	11	1	0
	1730	"	999·2	984·7	...	87·1	78·2	74·2	28·9	69	...	7·1	...	9·7	0	10	21	1	0	1	1	3	11	11	3	0
Rajkot (Aerodrome)	0530	439	1000·5	985·5	...	77·9	76·8	76·2	31·1	95	...	5·1	...	10·3	0	10	21	1	0	0	0	7	22	1	0	0
	0830	"	1001·9	987·0	...	81·3	78·4	77·1	31·9	87	...	6·0	...	13·1	0	14	17	0	1	0	0	2	24	4	0	0
	1130	"	1001·8	987·0	...	87·1	78·4	74·6	29·2	67	...	6·8	...	15·4	0	18	13	2	0	0	0	2	17	7	3	0
Veraval	0230	26	1001·3	1000·4	...	82·1	79·6	78·5	33·4	89	...	5·9	...	21·7	0	29	2	0	0	0	0	1	13	17	0	0
	0530	"	1001·0	1000·1	...	81·9	79·3	78·2	33·0	89	...	6·1	...	21·2	0	24	7	0	0	0	0	0	12	17	2	0
	0830	"	1002·4	1001·5	0	82·6	79·7	78·5	33·4	87	+2	7·0	+0·4	18·6	0	19	12	1	0	0	0	0	11	17	2	0
	1130	"	1002·9	1002·0	...	84·3	80·3	78·6	33·5	83	...	6·8	...	17·5	0	22	9	0	0	1	0	0	15	13	2	0
	1730	"	1000·8	999·9	...	83·8	80·3	79·0	33·8	85	...	6·7	...	18·6	0	23	8	0	0	0	0	0	10	19	2	0
	2330	"	1002·6	1001·7	...	82·4	79·9	78·7	33·7	89	...	5·6	...	19·0	0	24	7	0	1	0	0	1	14	14	1	0
Mahuva	0930	51	1001·9	1000·1	...	81·2	78·4	77·3	31·9	88	...	6·5	...	8·6	0	5	26	0	0	2	0	0	6	21	2	0
	1730	"	999·9	998·2	...	84·6	79·3	76·9	31·8	78	...	6·4	...	19·2	0	25	6	0	0	0	0	1	21	8	1	0
Bhavnagar	0830	55	1002·7	1000 8	+0·9	81·5	77·6	75·9	30·5	84	+8	6·0	−0·3	6·3	0	1	26	0	0	0	0	1	13	12	1	4
	1730	"	999 8	997·9	...	87·9	79·2	75·2	30·1	68	...	6·1	...	7·3	0	3	28	0	0	0	6	6	11	6	2	0
Bhavnagar (Aerodrome)	0930	35	1002·3	1001·1	...	82·9	79·1	77·4	32·2	84	...	5·7	...	12·5	0	13	17	0	0	0	0	1	10	19	0	1
	1130	"	1002·4	1001·2	...	87·7	80·0	76·9	31·5	71	...	6·7	...	13·4	1	12	17	1	0	1	0	1	9	18	0	1
Konkan																										
Dahanu	0830	15	1003·4	1002·9	...	80·1	78·9	78·0	33·2	94	...	7·5	...	12·8	0	12	19	0	0	6	7	2	6	10	0	0
	1730	"	1001·8	1001·3	...	83·3	80·5	79·4	34·3	88	...	7·1	...	13·9	0	16	14	0	1	0	0	0	12	16	1	1
Bombay (Colaba)	0830	35	1004·4	1003·2	0	80·4	77·9	76·8	31·5	89	+6	7·3	+0·3	8·6	0	5	24	0	1	0	0	3	7	17	1	2
	1130	"	1004·9	1003·7	...	82·2	78·6	77·2	31·7	85	...	7·0	...	9·7	0	7	22	0	0	0	1	5	7	16	0	2
	1730	"	1002·7	1001·5	...	81·7	78·2	76·6	31·4	85	...	7·2	...	10·1	0	9	21	0	0	0	0	2	8	19	1	1
Bombay (Santa Cruz Aerodrome)	0230	27	1003·3	1002·4	...	79·6	77·1	75·9	30·7	89	...	6·9	...	8·5	0	5	22	0	0	1	2	5	9	9	1	4
	0530	"	1003·1	1002·2	...	79·2	76·5	75·7	29·9	89	...	7·3	...	8·7	0	6	23	0	2	1	2	6	10	8	0	2
	0830	"	1004·4	1003·5	0	79·9	77·2	76·1	30·7	88	+7	7·4	+0·4	8·7	0	5	24	0	1	1	4	3	12	7	1	2
	1130	"	1004·8	1003·9	...	83·1	78·3	76·1	30·9	80	...	7·1	...	10·6	0	10	20	0	0	0	1	3	9	16	1	1
	1730	"	1002·6	1001·7	...	82·4	77·8	75·7	30·4	81	...	7·4	...	11·6	0	11	20	0	1	0	0	2	8	15	5	0
	2330	"	1004·8	1003·9	...	79·7	77·1	75·9	30·7	89	...	6·9	...	7·5	0	5	23	0	1	0	2	6	11	8	0	3
Alibag	0830	23	1004·9	1004·1	+0 1	80·0	78·8	78·3	33·1	94	+10	7·6	0	11·5	0	13	18	2	0	0	5	5	9	9	1	0
Harnai	0830	66	1005·3	1003·0	...	79·2	77·0	76·1	30·7	90	...	6·6	...	8·0	0	5	25	2	1	3	4	3	6	10	1	1
	1730	"	1003·6	1001·3	...	79·8	77·1	76·0	30·6	88	...	6·3	...	10·6	0	8	23	1	1	0	2	3	8	12	4	0
Ratnagiri	0830	116	1005·7	1001·7	−0·3	78·0	76·3	75·5	30·2	92	...	7·1	...	...	0	4	27	1	2	0	0	0	19	8	1	0
	1730	"	1004·2	1000·2	...	78·7	76·4	75·2	30·0	90	...	7·5	...	...	0	1	30	1	0	0	0	0	27	3	0	0
Devgad	0830	117	1006·1	1002·1	...	78·8	77·2	76·4	31·2	92	...	7·7	...	11·5	0	10	21	1	2	0	5	4	2	10	7	0
	1730	"	1004·6	1000·6	...	79·2	77·1	76·1	30·8	91	...	7·8	...	15·4	0	21	10	0	0	2	0	1	2	12	14	0
Vengurla	0230	29	1005·9	1004·9	...	77·0	75·3	74·5	29·2	93	...	7·6	...	...	0	3	9	0	0	1	0	0	1	8	2	19
	0530	"	1005·5	1004·5	...	76·6	75·2	74·5	29·2	94	...	7·2	...	...	0	0	10	0	0	0	0	2	0	6	2	21
	0830	"	1007·0	1006·0	...	77·1	75·4	74·6	29·3	92	...	7·8	...	...	0	1	6	0	0	2	0	0	0	5	0	24
	1130	"	1007 3	1006·3	...	79·9	77·2	76·1	30·7	88	...	7·4	...	...	0	0	15	0	0	0	0	2	4	8	1	16
	1730	"	1005·3	1004·3	...	79·1	76·5	75·3	30·0	84	...	7·7	...	...	0	1	18	2	0	0	1	1	5	10	0	12
	2330	"	1007·5	1006·5	...	77·2	75·3	74 4	29·1	92	...	7·5	...	...	0	0	18	3	0	0	0	0	2	10	3	13
Marmagao	0830	202	1006·9	999·9	0	77·6	75·7	74·8	29·5	91	+5	6·9	0	8·2	0	4	27	0	1	1	5	3	9	10	2	0
	1730	"	1005·1	998·1	...	78·7	76·3	75·3	29·9	89	...	7·0	...	9·5	0	7	24	1	0	0	1	2	11	13	3	0
Karwar	0830	13	1007·2	1006·7	−0·3	77·1	75·4	74·8	29·3	92	...	7·6	...	...	0	2	12	0	0	0	1	0	11	2	0	17
	1730	"	1005·6	1005·1	...	78·5	76·2	75·1	29·8	90	...	6·9	...	...	0	3	19	0	0	0	0	0	18	0	4	5
Honavar	0830	85	1007·8	1004·9	...	75·9	75·1	74·7	29·4	67	...	7·3	...	3·3	0	0	27	0	0	9	6	0	3	7	2	4
	1730	"	1006·1	1003·2	...	78·1	76·5	75·9	30·4	93	...	7·4	...	3·7	0	0	21	0	0	0	0	0	5	13	3	10
Deccan (Desh)																										
Jalgaon	0830	660	1003·2	980·7	...	79·1	75·7	74·0	28·8	85	...	6·2	...	7·0	0	1	29	0	0	0	0	0	10	13	7	1
	1730	"	999·4	977·2	...	86·0	77·3	73·0	28·0	68	...	6·0	...	9·7	0	6	25	3	0	0	1	0	6	14	7	0
Malegaon	0830	1,432	1003·2	955·0	+0·4	78·8	74·0	71·8	26·5	79	+5	6·0	0	2·5	0	0	29	0	0	0	0	0	2	26	1	1
	1730	"	1000·1	952·5	...	83·5	76·0	72·3	27·3	70	...	6·3	...	2·7	0	0	28	0	0	0	0	0	0	23	5	2
Deolali	0830	1,875	893·0	940·7	...	74·2	71·8	70·9	25·6	89	...	7·2	...	8·7	0	6	25	0	0	0	0	0	22	9	0	1
Ahmednagar	0830	2,154	894·1	931·6	−0·4	75·3	70·8	68·5	23·9	79	+2	6·3	+0·5	5·9	0	2	29	1	0	0	0	0	23	2	5	1
	1730	"	892·4	929·3	...	83·4	72·1	67·3	22·3	58	...	7·0	...	6·1	0	0	29	0	0	0	0	0	18	1	10	1
Poona	0530	1,835	892·3	941·5	...	72·5	70·3	69·3	24.5	90	...	7·3	...	1·6	0	0	15	0	0	0	0	0	2	12	1	0
	0830	"	893·7	942·8	+0·1	75·2	71·6	69·9	25·0	84	+5	7·1	+0·5	2·7	0	0	22	0	0	0	0	0	3	16	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).		Mean wind speed, miles per hour.	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.	19 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
ɜan (Desh)—*contd.*																										
ɔona—*contd.* . . .	1130	1,835	894·3	942·9	...	80·1	73·4	70·5	25·4	71	...	7·0	...	5·5	0	0	29	0	0	0	0	0	2	23	4	2
	1730	"	892·2	940·9	...	78·1	72·4	69·7	24·9	76	...	7·4	...	4·2	0	0	31	1	0	0	0	0	5	19	6	0
	2330	"	893·9	943·1	..	73·7	70·9	69·6	24·7	87	...	6·5	...	1·7	0	0	19	0	0	0	0	0	3	14	2	12
ɔona (Lohagaon Aerodrome)	0230	1,947	892·9	938·2	...	72·4	70·3	69·1	24·5	89	...	7·2	...	5·9	0	2	24	0	0	0	0	0	0	24	2	5
	0530	"	892·6	937·8	...	71·8	69·8	68·9	24·0	91	...	7·4	...	6·1	0	3	22	0	0	0	0	0	0	22	3	6
	0830	"	893·9	939·0	...	74·5	70·9	69·0	24·4	83	...	7·1	...	8·9	0	7	24	0	0	0	0	0	7	20	4	0
	1130	"	894·5	939·1	...	79·6	72·2	68·6	23·9	69	...	7·2	...	14·3	0	19	11	0	0	0	0	0	4	24	2	1
	1730	"	892·3	937·0	...	77·9	71·6	68·6	23·9	74	...	7·3	...	18·3	0	27	4	0	0	0	0	0	7	19	5	0
	2330	"	894·5	939·3	...	73·2	70·4	68·9	24·3	87	...	6·8	...	6·4	0	3	25	0	0	0	0	0	1	23	4	3
ɜur	0830	1,709	893·4	946·8	...	76·9	72·4	70·3	25·3	80	...	7·1	...	8·3	0	3	27	0	0	0	0	1	8	14	7	1
	1730	"	891·5	943·6	...	85·3	74·4	69·5	24·6	61	...	7·6	...	13·9	0	16	15	0	1	1	0	0	5	15	9	0
ɔolapur	0530	1,570	1004·4	951·0	...	72·8	70·1	68·8	24·1	87	...	6·7	...	2·4	0	0	21	0	2	0	0	1	16	2	0	10
	0830	"	1005·0	952·0	+0·3	76·4	71·6	69·2	24·5	79	+6	6·5	+0·5	2·3	0	0	24	0	2	0	0	0	21	1	0	7
	1130	"	1004·1	951·8	...	83·1	73·5	68·8	24·3	63	...	7·4	...	5·4	0	0	26	2	0	0	0	0	15	7	2	5
	1730	"	1000·6	948·6	...	84·7	73·5	67·9	23·6	59	...	7·2	...	4·6	0	1	25	0	2	0	0	0	24	0	0	5
	2330	"	1005·4	952·3	...	75·3	71·2	69·2	24·5	82	...	6·3	...	4·1	0	0	20	1	0	0	0	0	14	5	0	11
ɜiraj	0830	1,817	894·9	944·8	+0·2	73·1	70·5	69·3	24·5	88	+5	7·5	+0·1	5·2 (g)	0	1	28	0	0	0	0	1	10	15	3	2
	1730	"	893·3	942·7	...	77·5	72·1	69·5	24·7	77	...	7·6	...	12·2 (g)	0	13	18	1	0	0	0	0	6	21	3	0
olhapur	0530	1,870	893·2	941·3	...	71·2	69·9	69·2	24·5	94	...	7·4	...	6·5	0	5	22	0	0	0	0	0	2	24	1	4
	0830	"	894·5	942·5	..	73·1	70·8	69·5	24·8	89	...	7·4	...	7·3	0	5	21	0	0	0	0	0	2	24	0	5
	1130	"	895·2	943·1	...	77·0	72·3	70·1	25·2	80	...	7·2	...	11·2	0	10	20	0	0	0	0	0	2	27	1	1
	1730	"	893·0	940·6	...	75·4	71·9	70·2	25·3	84	...	7·4	...	12·9	0	17	14	0	0	0	0	0	2	28	1	0
japur	0830	1,950	894·8	939·8	0	74·5	70·6	68·5	23·9	82	+5	6·5	+0·4	5·0	0	0	31	2	1	0	0	0	10	14	4	0
	1730	"	892·8	936·9	...	82·2	72·1	67·2	22·8	61	...	6·9	...	7·2	0	0	31	1	1	0	1	0	10	17	1	0
lgaum	0830	2,562	897·5	921·4	+0·7	69·5	68·5	68·0	23·4	94	+4	7·3	−0·1	0·7	0	0	7	1	0	0	0	4	1	1	0	24
	1730	"	896·2	920·0	...	72·4	70·0	68·6	24·1	88	...	7·4	...	1·8	0	0	25	6	0	0	1	3	7	7	1	6
lgaum (Sambre Aerodrome)	0530	2,497	896·0	922·0	...	69·3	67·9	67·2	22·7	94	...	7·5	...	8·1	0	6	24	0	0	0	0	0	7	21	2	1
	0830	"	896·7	922·7	...	71·7	69·5	68·5	23·8	89	...	7·4	...	12·1	0	14	15	1	0	0	0	1	7	19	1	2
	1130	"	897·1	922·9	...	74·7	71·1	69·3	24·6	84	...	7·4	...	14·9	0	18	12	0	0	0	0	0	6	20	4	1
	1730	"	896·1	921·6	...	72·6	69·7	68·3	23·6	87	...	7·6	...	15·0	0	21	10	0	0	0	0	0	6	24	1	0
ɜdag	0830	2,131	896·4	935·0	+0 2	73·0	70·4	69·2	24·4	88	+5	7·4	+1·0	8·6	0	1	30	0	0	0	0	0	9	20	2	0
	1730	"	894·6	932·8	...	77·4	72·0	69·3	24·6	77	...	7·3	...	11·2	0	6	25	0	0	1	0	0	6	22	2	0
ɜdag (P. B. O.) . .	0530	2,167	895·0	932·5	...	70·7	69·0	68·5	23·6	93	...	7·2	...	...	0	3	23	0	0	0	0	0	15	11	0	5
	0830	"	896·4	933·7	...	73·9	70·9	69·8	24·6	87	...	7·5	...	...	0	4	24	0	0	0	0	0	13	15	0	3
	1130	"	896·8	933·8	...	78·3	72·4	70·2	24·8	76	...	7·3	...	...	0	4	25	0	0	0	0	0	12	17	0	2
	1730	"	894·7	931·6	...	77·9	72·4	70·2	24·9	78	...	7·2	...	...	0	7	23	0	0	0	0	0	12	17	1	1
	2330	"	896·7	934·1	...	71·9	69·8	69·2	24·0	91	...	6·5	...	...	0	3	26	0	0	0	0	0	12	17	0	2
ɜrabad, North																										
rangabad . . .	0830	1,905	893·5	940·0	0	74·3	72·1	70·8	26·0	89	+8	6·9	−0·1	7·2	0	4	25	0	0	0	0	0	13	15	1	2
	1730	"	891·5	937·1	...	83·4	74·6	70·4	25·7	67	...	7·5	...	13·2	0	17	14	2	1	0	0	0	4	20	4	0
rangabad (Chikalthana Aerodrome).	0230	1,898	892·1	938·9	...	73·1	70·7	69·5	24·7	88	...	6·9	...	6·6	0	2	27	0	0	0	0	0	2	24	3	2
	0530	"	892·1	938·9	...	72·1	70·3	69·3	24·6	91	...	7·0	...	4·5	0	0	26	0	0	0	0	0	1	23	2	3
	0830	"	893·4	940·0	...	75·8	72·0	70·2	25·2	83	...	6·9	...	6·8	0	1	29	0	0	0	0	0	9	18	3	1
	1130	"	894·0	940·1	...	81·5	73·3	69·5	24·7	68	...	7·3	...	8·5	0	4	27	1	0	0	0	0	5	20	5	0
	1730	"	891·3	937·1	...	83·1	73·4	68·8	24·2	63	...	7·3	...	10·1	0	13	15	3	0	2	0	0	0	15	8	3
	2330	"	893·4	940 1	.	74·8	71·2	69·7	24·6	84	...	6·2	...	6·7	0	1	28	0	0	0	0	0	1	19	9	2
rbhani	0830	1,389	1004·1	957·2	...	78·3	73·1	70·4	25·5	78	...	6·7	...	8·3	0	0	30	0	0	0	0	1	6	17	6	1
	1730	"	999·8	953·8	...	86·0	74·7	69·0	24·2	59	...	7·2	...	9·7	0	8	23	1	1	0	0	1	4	10	14	0
magundam . . .	0830	513	1003·3	985·8	...	80·4	77·7	72 8	31·2	79	...	5·2	...	4·8	0	1	27	0	0	2	1	5	8	7	5	3
	1730	"	999·8	982·5	...	87·4	78·3	74·1	28·9	67	...	5·5	...	3·6	0	0	29	1	0	3	2	1	8	7	7	2
amabad . . .	0830	1,250	1004·0	961·7	+0·5	78·3	73·8	71·6	26·5	80	+3	6·3	+1·0	5·5	0	0	27	0	0	0	1	0	26		0	4
	1730	"	999·7	958·2	...	86·1	76·8	72·6	27·3	65	...	5·7	...	1·0	0	0	6	0	0	0	0	0	4		2	25
ar	0830	2,178	894·6	931·5	...	73·0	70 6	69 4	24·6	89	+7	6·9	+1·3	14·2	0	20	11	0	0	1	0	0	18	10	2	0
	1730	"	892·5	928·5	...	82·2	72·9	68·4	23·9	64	...	7·2	...	10·4	0	5	26	3	0	1	0	1	15	7	4	0
rabad, South																										
lbarga	0830	1,503	1004·8	954·2	+0·1	75·8	71·8	69·9	25·0	82	+3	6·6	−0·8	12·4	0	17	14	1	0	1	0	0	11	17	1	0
	1730	"	1000·6	950·7	...	84·0	74·1	69·3	24·7	63	...	7·1	...	13·4	0	17	14	1	1	0	0	4	12	9	4	0
chur	0830	1,311	1006·0	961·5	+0·4	76·8	72·7	70·6	25·6	81	+7	6·6	+1·8	10·1	0	7	24	0	0	0	0	1	18	10	2	0
	1730	"	1001·4	957·8	...	85·4	74·7	69·1	24·5	60	...	7·2	...	11·7	0	12	19	1	0	0	0	1	12	11	6	0

(g) Mean of 24 days.

TABLE III—SUMMARY OF OBSERVATIONS AT FIXED HOURS—JULY 1953.

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, miles per hour.	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.	3 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, South—*contd.*																										
Mahbubnagar	0830	1,657	894·1	949·6	...	75·2	71·6	69·8	25·0	83	...	6·6	...	8·8	0	2	29	0	0	0	0	2	19	7	3	0
	1730	"	891·9	946·5	...	83·3	73·7	69·5	24·5	65	...	6·6	...	9·0	0	5	26	1	0	0	0	2	14	9	5	0
Hyderabad (Begumpet Aerodrome).	0230	1,787	892·6	943·3	...	75·0	71·2	69·3	24·5	83	...	6·8	...	13.5	0	16	14	0	2	1	1	1	9	14	2	1
	0530	"	892·2	943·4	...	73·3	70·3	68·7	24·1	86	...	6·2	...	12·6	0	12	18	0	0	0	1	1	8	19	1	1
	0830	"	894·0	944·7	+0·7	76·3	71·8	69·8	24·8	80	−1	6·9	−0·5	15·8	0	19	12	0	0	0	0	1	7	20	3	0
	1130	"	894·4	944·6	...	82·3	74·0	70·2	25·3	68	...	6·8	...	16·6	0	22	9	0	0	0	1	0	4	20	6	0
	1730	"	891·7	941·6	...	82·8	74·0	69·7	25·1	66	...	7·2	...	14·6	0	19	12	3	1	0	1	1	11	10	4	0
	2330	"	894·0	944·6	...	77·0	72·2	69·8	25·0	79	...	6·7	...	12·3	0	15	14	2	0	3	1	1	11	10	1	2
Hakimpet	0530	2,012	892·7	935·6	...	77·2	69·9	68·6	24·0	89	...	5·8	...	13·8	0	20	10	0	0	0	0	1	4	25	0	1
	0830	"	894·1	936·7	...	75·1	71·3	69·6	24·6	83	...	6·5	...	15·6	0	22	9	0	0	0	0	1	3	26	1	0
	1130	"	894·6	936·7	...	80·9	73·6	70·3	25·3	70	...	6·3	...	16·3	0	24	7	0	0	0	0	0	4	26	1	0
	1730	"	892·0	934·0	...	81·4	73·4	69·7	24·9	69	...	7·1	...	11·8	0	11	19	0	1	0	0	0	8	17	4	1
Hanamkonda	0830	881	1004·2	974·3	+0·6	80·2	75·0	72·7	27·3	78	+4	5·6	−0·5	6·8	0	1	30	1	1	0	1	5	5	15	3	0
	1730	"	1000·8	971·4	...	86·3	76·8	72·1	27·2	65	...	5·9	...	3·7	0	0	31	3	2	4	2	3	1	13	3	0
Bhadrachallam	0830	364	1004·4	991·9	...	81·7	76·8	74·6	29·3	79	...	6·4	...	5·3	0	0	29	0	0	1	2	4	17	5	0	2
	1730	"	1000·7	988·4	...	88·2	77·9	73·1	27·9	62	...	7·5	...	7·2	0	3	28	1	4	1	2	0	10	7	6	0
Khammamett	0830	367	1004·5	991·9	...	82·3	76·5	73·5	28·5	75	...	5·7	...	4·5	0	0	30	0	0	0	8	0	2	18	2	1
	1730	"	1000·6	998·3	...	88·7	77·4	70·7	27·0	58	...	6·6	..	3·9	0	1	26	2	0	0	2	0	2	20	1	4
Coastal Andhradesa																										
Nellore	0530	65	1004·2	1001·9	...	80·6	74·8	72·1	26·8	76	...	5·2	...	3·2	0	0	25	0	0	0	1	1	6	13	4	0
	0830	"	1005·5	1003·3	+0·4	86·2	76·1	71·2	26·2	62	−1	5·5	−0·8	4·2	0	0	28	0	0	0	0	1	7	12	8	3
	1130	"	1004·8	1002·6	...	92·4	77·0	69·6	24·7	49	...	5·3	...	6·3	0	0	31	0	0	0	0	0	5	16	10	0
	1730	"	1002·0	999·8	...	90·9	77·8	71·7	26·5	55	...	5·9	...	5·5	0	0	30	0	1	4	8	1	5	7	4	1
	2330	"	1005·3	1003·0	...	83·0	76·1	72·8	27·6	72	...	5.0	...	3·6	0	0	23	0	0	0	6	3	6	6	2	8
Ongole	0830	38	1004·6	1003·3	...	85·2	78·0	74·6	29·5	72	...	4·9	...	5·3	0	0	27	0	0	0	1	0	11	13	2	4
	1730	"	1001·3	1000·0	...	91·0	80·5	75·9	30·8	63	...	5·2	...	6·1	0	0	29	0	0	1	9	1	6	10	2	2
Gannavaram	0530	88	1003·6	1000·6	...	79·4	76·1	74·5	29·4	86	...	6·0	...	6·1	0	1	23	1	0	1	0	2	12	7	1	7
	0830	"	1004·8	1001·8	...	83·0	77·3	74·8	29·4	77	...	5·9	...	8·4	0	6	20	0	0	1	0	3	8	13	1	5
	1130	"	1004·3	1001·3	...	89·3	78·6	74·0	28·3	62	...	6·0	...	9·9	0	10	17	1	0	0	0	2	5	17	2	4
	1730	"	1001·1	998·1	...	89·2	78·4	73·5	28·2	61	...	5·8	...	8·7	0	7	20	2	0	3	1	5	6	7	3	4
	2330	"	1004·5	1001·5	...	81·1	77·1	75·2	30·0	83	...	5·4	...	5·6	0	2	23	0	0	0	4	5	10	6	0	6
Masulipatam	0230	10	1003·3	1002·9	...	80·4	78·5	77·9	32·4	91	...	5·9	...	6·8	0	2	27	0	0	0	0	7	16	5	1	2
	0530	"	1003·5	1003·2	...	80·0	78·1	77·3	32·0	92	...	6·0	...	4·7	0	0	25	0	1	0	0	1	12	9	2	6
	0830	"	1004·9	1004·6	+0·5	83·3	79·6	77·6	32·9	84	+6	5·9	−0·3	6·8	0	1	30	0	0	1	1	6	4	16	3	0
	1130	"	1004·2	1003·9	...	87·7	80·3	77·2	32·0	72	...	6·3	...	7·9	0	3	28	1	0	2	1	4	4	11	8	0
	1730	"	1001·3	1001·0	...	86·2	80·5	77·9	33·0	77	...	6·1	...	7·5	0	0	30	0	0	0	2	13	10	3	2	1
	2330	"	1004·5	1004·2	...	81·6	79·4	78·1	33·3	90	...	5·0	...	5·4	1	2	20	0	0	0	1	5	12	2	2	9
Kakinada	0830	26	1004·6	1003·7	+1·3	84·3	76·3	76·3	27·3	77	−1	6·0	−0·2	6·1	0	0	31	0	0	0	1	0	29	0	1	0
	1730	"	1001·3	1000·2	...	86·8	80·1	77·1	31·1	73	...	5·7	...	6·2	0	0	30	0	0	0	2	0	27	0	1	1
Visakhapatnam	0230	11	1002·3	1001·9	...	81·2	79·9	76·1	31·1	86	...	5·9	...	3·9	0	1	16	0	0	0	0	2	9	6	0	14
	0530	"	1002·5	1002·1	...	80.5	77·2	76·2	30·4	87	...	6·2	...	4·3	0	0	15	0	0	0	0	0	10	5	0	16
	0830	"	1003·5	1003·1	+1·4	84·6	78·3	75·3	30·3	74	−11	6·6	−0·2	8·6	0	7	19	0	0	0	0	0	16	7	3	5
	1130	"	1003·1	1002·7	...	88·1	79·6	75·9	30·6	68	...	6·5	...	11·1	0	11	19	0	1	0	0	4	17	3	5	1
	1730	"	1000·7	1000·3	...	86·4	78·6	75·0	29·8	70	...	6·1	...	10·3	0	8	23	1	0	1	1	7	13	5	3	0
	2330	"	1003·7	1003·3	...	81·9	77·9	76·5	30·8	84	...	5·8	...	4·6	0	2	13	0	0	0	1	1	10	2	1	16
Calingapatam	0830	19	1003·4	1002·7	+1·8	82·3	78·5	76·9	31·5	84	+4	6·5	+1·1	5 9	0	0	31	0	0	0	0	0	13	15	3	0
	1730	"	1000·6	999·9	...	84·6	79·9	77·7	32·9	80	...	6·5	..	8·6	0	1	30	0	0	1	2	0	13	13	2	0
Rentachintala	0830	348	1004·7	992·8	...	82·7	75·8	72·8	27·3	72	+2	6·6	−0·4	2·3	0	0	20	0	0	0	0	0	0	20	0	11
	1730	"	1000·6	989·0	...	91·4	77·1	70·2	25·3	52	...	6 9	...	3·4	0	0	26	2	0	1	0	0	0	23	0	5
Rayalaseema																										
Arogyavaram	0830	2,299	897·3	929·8	...	75·3	68·7	65·6	21·3	72	...	6·5	...	7·2	0	2	26	1	0	0	0	0	1	18	8	3
	1730	"	894·9	927·0	...	81·6	70·8	65·3	21·3	59	...	7·2	...	5·7	0	0	27	1	0	0	0	0	5	14	7	4
Cuddapah	0830	428	1006·5	992·0	+0·4	84·8	74·2	68·7	24·1	60	−5	6·5	+0·3	1·6	0	0	23	0	0	0	0	0	0	23	0	8
	1730	"	1001·7	987·4	...	91·3	76·0	68·4	23·0	49	...	6·8	...	1·3	0	0	15	0	0	0	0	0	0	15	0	16
Bellary	0830	1,473	1005·9	956·1	−0·1	77·7	71·9	68·7	24·1	74	+9	6·7	+0·8	4·5	0	0	27	0	0	0	0	0	7	10	10	4
	1730	"	1001·9	953·0	...	84·7	73·5	67·8	23·2	58	...	6·5	...	5·5	0	0	30	0	0	0	1	0	10	8	11	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).		Mean wind speed, miles per hour.	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	9	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
yalaseema—*contd.*																										
Kurnool	0830	923	1006·0	974·5	+0·3	78·4	74·3	72·4	27·1	82	+10	5·8	−0·5	11·4	0	13	13	0	0	0	0	0	11	15	0	5
	1730	"	1001·3	970·5	...	87·1	77·8	72·3	27·5	63	...	6·7	...	10·3	0	11	14	0	0	0	0	0	10	15	0	6
Nanntapur	0530	1,147	1004·9	965·7	...	75·8	71·4	68·9	24·3	80	...	6·5	...	7·6	0	5	22	0	0	0	0	0	4	22	1	4
	0830	"	1006·1	967·2	...	78·5	72·5	69·3	24·5	74	...	6·7	...	10·5	0	9	20	0	0	0	0	0	10	17	2	2
	1130	"	1005·1	966·7	...	85·4	74·2	68·3	23·8	57	...	6·6	...	11·0	0	12	17	0	0	0	0	0	6	23	0	2
	1730	"	1001·7	963·6	...	87·4	74·2	67·1	22·9	53	...	6·9	...	13·5	0	15	15	0	0	0	0	2	3	23	2	1
	2330	"	1006.0	967·1	...	78·7	72·9	69·9	25·0	75	...	5·9	...	10·2	0	10	17	0	0	0	0	0	3	24	0	4
miinad																										
Palayamcottai	0830	167	1008·0	1002·5	...	84·3	75·0	70·3	25·5	63	...	6·0	...	3·5	0	0	27	0	0	0	0	2	2	21	2	4
	1730	"	1005·5	999·8	...	87·6	76·2	70·7	25·7	59	...	7·1	...	5·5	0	0	31	1	0	0	1	2	3	23	1	0
Pamban	0830	37	1007·9	1006·6	+0·1	83·3	78·2	75·8	30·6	79	+4	5·3	+2·3	7·2	0	6	25	2	0	0	0	4	15	7	3	0
	1730	"	1005·3	1004·7	...	85·7	78·6	76·6	30·2	79	...	5·5	...	14·4	0	17	14	0	0	0	3	10	18	0	0	0
Mathurai	0830	437	1007·5	992·6	0	83·4	74·2	69·5	24·7	63	+6	5·2	−0·3	2·3	0	0	24	1	0	0	0	0	1	10	12	7
	1730	"	1004·4	989·7	...	87·8	75·7	70·1	24·9	57	...	7·0	...	4·8	0	0	31	1	1	1	1	2	6	15	4	0
Nagapattinam	0830	31	1007·5	1006·4	+0·3	84·4	74·9	70·2	25·3	63	−2	5 2	+0·6	8·1	0	0	31	0	0	0	0	1	16	13	1	0
	1730	"	1004·1	1003·1	...	88·2	78·0	73·5	28·1	62	...	6·1	...	11·8	0	10	21	0	0	2	10	5	10	4	0	0
Tiruchirapalli	0230	289	1006·2	996·2	...	79·3	72·7	69·1	24·5	72	...	5·2	...	13·5	0	15	14	0	0	0	0	1	1	27	0	2
	0530	"	1006·1	996·1	...	78·3	71·9	68·1	23·8	72	...	5·5	...	11·1	0	12	18	0	0	0	0	0	0	30	0	1
	0830	"	1007·4	997·5	−0·1	82·1	73·3	68·7	24·0	65	+6	5·1	+0·1	16·1	0	24	7	1	0	0	0	0	1	28	1	0
	1130	"	1006·5	996·7	...	89·4	74·9	67·3	23·0	49	...	5·7	...	18·5	0	24	7	0	0	0	0	0	1	27	3	0
	1730	"	1003·5	993·8	...	90·6	75·0	66·8	22·6	47	...	6·5	...	18·5	0	25	5	1	0	0	0	2	2	20	5	1
	2330	"	1007·7	997·7	...	80·8	73·5	69·8	24·9	71	...	5·3	...	11·5	0	13	14	0	0	0	0	0	3	23	1	4
Coimbatore	0830	1,341	1008·8	963·4	+0·9	74·7	71·0	69·0	24·3	82	+2	6·3	+1·4	10·9	0	9	22	0	0	0	0	3	15	13	0	0
	1730	"	1005·9	960·6	...	78·8	71·9	68·5	23·6	71	...	7·1	...	12·6	0	16	15	0	0	0	0	2	16	13	0	0
Coimbatore (Peelamedu Aerodrome).	0530	1,307	1006·8	962·1	...	71·4	69·8	69·0	24·2	91	...	5·9	...	10·6	0	10	20	0	0	0	0	12	18	0	0	1
	0830	"	1008·0	963·5	...	75·0	71·3	69·3	24·5	83	...	5·7	...	10·4	0	10	19	0	0	0	0	12	16	1	0	2
	1130	"	1007·1	963·1	...	80·8	72·9	68·8	24·0	68	...	6·0	...	14·5	0	19	12	0	0	0	0	13	17	1	0	0
	1730	"	1005·0	961·2	...	78·9	72·1	68·4	23·8	71	...	6·7	...	15·4	0	21	10	0	0	0	0	12	19	0	0	0
	2330	"	1008·3	963·6	...	72·9	70·6	69·4	24·7	89	...	5·8	...	13·1	0	17	14	0	0	0	0	15	16	0	0	0
alem	0530	913	1006·3	975·0	...	74·4	71 5	70·0	25·1	87	...	5·4	...	2·3	0	0	22	0	0	0	0	2	19	1	0	9
	0830	"	1007·7	976·5	−0·1	77·1	72·8	70·5	25·6	80	+3	5·5	0	4·1	0	0	31	0	0	0	1	1	28	1	0	0
	1130	"	1006·9	976·0	...	83·4	74·7	70·5	25·4	65	...	4·8	...	4·3	0	0	31	0	0	0	0	5	18	6	2	0
	1730	"	1003·7	973·1	...	85·6	74·8	69·4	24·6	61	...	6·9	...	3·0	0	0	20	2	0	2	0	3	6	6	1	11
	2330	"	1007·6	976·6	...	77·2	72·8	70·6	25·5	81	...	6·2	...	2·9	0	0	21	0	0	0	0	1	19	0	1	10
allakurichi	0830	416	1006·5	992·3	...	82·8	73·9	69·6	24·7	65	...	4·6	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	1730	"	1002·9	988·9	...	90·3	75·1	67·0	22·8	48	...	6·0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
uddalore	0530	39	1005·6	1004·3	...	79·4	73·9	71·1	26·1	76	...	3·9	...	2·8	0	0	18	0	0	0	0	1	9	8	0	13
	0830	"	1006·9	1005·6	+0·2	84·4	75·5	71·1	26·1	65	−4	4·7	−0·4	3 9	0	0	27	0	0	0	0	1	17	7	2	4
	1130	"	1006·3	1005·1	...	90·9	76·8	70·1	25·1	51	...	4·5	...	7·0	0	3	26	0	0	0	2	0	14	10	3	2
	1730	"	1003·4	1002·1	...	88·3	77·4	72·1	27·2	60	...	6·1	...	5·5	0	0	30	0	0	1	14	4	4	6	1	1
	2330	"	1006·8	1005·5	...	82·3	75·6	72·5	27·2	73	...	4·1	...	6·6	0	5	17	0	0	0	2	1	12	6	1	9
lore	0530	703	1005·4	981·3	...	78·3	71·5	67·6	23·3	71	...	5·5	...	4·1	0	0	28	0	1	0	0	1	3	16	7	3
	0830	"	1006·4	982·6	+0·4	82·3	72·6	67·2	23·0	61	−6	5·5	+0·7	4·8	0	0	31	0	0	0	0	0	3	22	6	0
	1130	"	1005·5	981·9	...	88·8	75·0	68·3	23·4	51	...	6·2	...	7·0	0	0	31	0	0	0	0	0	5	17	9	0
	1730	"	1002·6	979·1	...	90·2	74·9	67·0	22·6	48	...	6·9	...	6·5	0	0	29	1	1	1	0	1	5	16	4	2
	2330	"	1006·3	982·5	...	81·9	73·2	68·6	23·9	65	...	6·0	...	3·7	0	0	24	1	0	0	0	2	5	11	5	7
adras	0230	51	1004·8	1003·1	...	82·4	76·7	73·9	28·7	76	...	6·0	...	8·7	0	3	26	0	1	0	0	7	17	4	0	2
	0530	"	1005·0	1003·3	...	80·9	75·5	73·3	27·7	77	...	5·7	...	6·8	0	2	27	0	0	1	0	4	16	8	0	2
	0830	"	1006·3	1004·6	+0·2	84·9	76·1	71·8	26·8	66	+4	5·6	−0·1	10·2	0	7	24	0	0	0	1	3	10	15	2	0
	1130	"	1005·6	1003·9	...	91·7	77·3	70·2	25·5	51	...	5·6	...	10·5	0	10	21	1	0	0	0	1	8	18	3	0
	1730	"	1002·9	1001·2	...	89·1	78·2	73·2	28·0	60	...	6·2	...	11·1	0	9	22	1	1	3	12	2	5	6	1	0
	2330	"	1006·1	1004·4	...	83·9	77·7	75·0	29·6	75	...	6·1	...	8·8	0	3	27	0	0	0	6	11	8	5	0	1
dras (Nungambakkam)	0830	21	1005·8	1005·1	...	85·2	75·4	70·4	25·7	63	...	5·1	...	4·4	0	0	30	0	0	0	0	1	17	10	2	1
bar and South Kanara																										
ngalore	0230	72	1007·5	1005 0	...	74·8	74·0	73·6	28·3	97	...	7·5	...	4·7	0	2	22	1	0	3	4	0	3	11	2	7
	0530	"	1007·3	1004·8	...	74·6	73·9	73·4	28·2	97	...	7·9	...	3·9	0	0	20	0	0	5	3	1	2	6	3	11
	0830	"	1008·6	1006·1	+0·1	75·8	74·5	73·7	28·6	93	+3	7·9	+0·9	4·1	0	1	24	0	2	5	6	2	3	6	1	6
	1130	"	1008·9	1006·4	...	78·4	75·8	74·6	29·3	88	...	7·5	...	5·0	0	0	28	2	0	2	1	1	8	10	4	3
	1730	"	1006·9	1004·4	...	77·5	75·5	74·5	29·2	91	...	7·8	...	4·9	0	0	28	0	0	0	0	1	7	14	6	3

TABLE III—SUMMARY OF OBSERVATIONS AT FIXED HOURS—JULY 1953.

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, miles per hour.	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
Malabar and South Kanara *contd.*																										
Mangalore—*contd.*	2330	72	1009·1	1006·6	...	75·8	74·7	74·3	28·9	95	...	7·3	...	5·2	0	1	22	1	0	1	2	2	2	9	6	8
Kozhikode	0530	27	1007·8	1006·9	...	74·4	72·9	72·2	27·0	93	...	7·5	...	2·2	0	0	19	4	5	4	1	1	0	2	2	12
	0830	"	1009·0	1008·1	−0·5	75·9	74·2	73·2	28·1	92	0	7·6	+0·5	3·3	0	0	24	1	6	6	0	0	3	2	6	7
	1130	"	1009·3	1008·3	...	79·3	75·8	74·3	28·9	85	...	7·1	...	4·3	0	1	27	1	1	1	1	1	8	11	4	3
	1730	"	1007·3	1006·4	...	78·7	75·5	74·0	28·7	87	...	7·6	...	6·0	0	3	25	0	1	1	0	1	6	12	7	3
	2330	"	1009·7	1008·8	...	75·7	73·9	73·1	27·8	92	...	7·6	...	4·3	0	1	21	2	2	2	1	0	2	6	7	9
Palghat	0830	319	1009·5	998·4	...	75·2	73·6	72·9	27·6	92	...	7·0	...	6·9	0	1	30	0	0	0	0	0	2	27	2	0
	1730	"	1006·9	995·8	...	77·4	74·3	72·7	27·6	86	...	7·0	...	10·8	0	9	22	0	0	0	0	0	8	21	2	0
Mysore																										
Chitaldrug	0830	2,405	897·3	926·4	+0·2	71·3	68·5	67·0	22·7	86	+5	6·7	−0·4	5·0	0	0	31	0	0	0	0	0	15	16	0	0
	1730	"	895·3	923·9	...	77·7	69·9	65·3	21·8	67	...	7·0	...	5·0	0	0	30	0	0	0	0	0	19	11	0	1
Shimoga	0830	1,872	896·1	944·3	...	72·5	70·4	69·1	24·6	90	...	7·2	...	2·9	0	0	29	1	0	0	1	6	12	8	1	2
	1730	"	894·7	942·3	...	75·5	72·1	70·1	25·6	85	..	6·8	...	2·9	0	0	28	0	0	0	0	5	9	13	1	3
Hassan	0830	3,149	898·7	903·1	...	67·7	66·3	65·5	21·5	92	+7	7·2	+0·2	6·3	0	2	27	0	0	0	0	0	11	16	2	2
	1730	"	897·0	901·4	...	71·4	68·0	66·4	22·1	84	...	7·5	...	8·4	0	3	28	0	0	0	0	1	8	22	0	0
Bangalore (Central Observatory).	0230	3,021	897·6	906·1	...	67·9	66·1	65·3	21·1	91	...	6·7	...	9·9	0	0	31	0	0	0	0	0	13	16	2	0
	0830	"	898·6	907·2	0	69·9	67·3	66·1	22·0	88	+3	7·7	+0·6	9·4	0	1	30	1	0	0	0	0	10	19	1	0
	1130	"	898·7	907·1	...	76·6	69·7	65·8	21·4	69	...	7·1	...	10·1	0	3	28	1	0	0	1	0	9	16	4	0
	1730	"	896·5	904·9	...	76·8	69·3	65·3	21·4	69	...	7·2	...	9·3	0	5	24	0	0	0	0	1	9	16	3	2
Bangalore (Aerodrome).	0530	2,942	897·7	908·9	...	67·2	66·2	65·6	21·6	95	...	6·6	...	...	...	...	...	0	0	0	0	0	3	24	3	1
	0830	"	898·8	909·9	...	70·6	67·4	65·7	21·8	85	...	7·4	...	...	...	...	...	0	1	0	0	0	2	28	0	0
	1130	"	898·8	909·7	...	77·7	69·6	65·0	21·4	66	...	6·6	...	...	...	...	...	1	0	0	0	0	0	24	5	1
	1730	"	896·6	907·5	...	77·7	69·4	65·2	21·1	67	...	7·4	...	...	...	...	...	1	0	0	0	1	4	18	5	2
	2330	"	899·1	910·2	...	69·6	67·2	65·9	21·8	88	...	6·5	...	...	...	...	...	0	0	0	0	0	5	22	4	0
Mysore	0830	2,518	998·7	924·0	0	70·7	68·1	67·0	22·4	88	+8	7·0	+0·4	6·9	0	1	30	0	0	0	1	0	15	14	1	0
	1730	"	897·0	922·0	...	76·0	69·8	66·6	22·4	74	...	7·2	...	11·1	0	9	22	0	0	0	0	2	4	23	2	0
Balehonnur	0830	...	...	...	...	67·5	66·7	66·0	22·0	95	+1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Travancore-Cochin																										
Fort Cochin	0830	10	1010·0	1009·7	−0·2	77·3	74·8	73·7	28·5	89	+2	7·9	+1·3	7·0	0	3	28	2	5	7	4	0	3	6	4	0
	1730	"	1007·7	1007·4	...	78·8	75·6	74·3	29·3	86	...	7·7	...	7·7	0	5	26	1	0	2	2	0	7	12	7	0
Cochin (Willingdon Island (Aerodrome).	0230	6	1008·6	1008·4	...	75·4	74·1	73·4	28·2	94	...	7·1	...	4·4	0	2	23	4	4	2	1	0	2	7	5	6
	0530	"	1008·5	1008·3	...	74·6	73·6	72·9	27·9	96	...	7·8	...	4·4	0	1	22	1	5	4	1	0	4	7	1	8
	0830	"	1009·9	1009·7	...	76·3	74·6	73·6	28·5	91	...	7·2	...	4·5	0	0	28	2	4	5	4	1	3	8	1	3
	1130	"	1009·8	1009·6	...	79·4	75·5	73·9	27·7	84	...	7·1	...	5·4	0	1	28	5	0	0	4	2	2	6	10	2
	1730	"	1007·9	1007·7	...	78·7	75·2	73·5	28·3	85	...	7·4	...	5·9	0	0	29	0	2	0	1	0	2	14	10	2
	2330	"	1010·3	1010·1	...	75·7	74·2	73·4	28·2	93	...	7·4	...	4·1	0	0	24	4	3	2	0	0	4	4	7	7
Alleppey	0830	12	1009·9	1009·5	...	77·3	75·3	74·5	29·0	91	...	7·6	...	11·2	0	7	24	3	8	3	2	0	0	5	10	0
	1730	"	1007·9	1007·5	...	78·2	75·8	74·8	29·3	91	...	7·7	...	15·3	1	11	19	2	0	2	0	0	2	6	19	0
Trivandrum	0230	211	1009·0	1001·7	...	74·4	73·2	72·5	27·4	94	...	7·0	...	5·7	0	0	28	7	1	0	0	0	0	3	17	3
	0530	"	1008·9	1001·5	...	74·0	72·9	72·3	27·2	95	...	7·3	...	4·7	0	0	29	7	2	2	0	0	0	3	15	2
	0830	"	1010·0	1002·7	0	76·1	74·0	72·9	27·8	90	+3	7·4	+0·6	3·8	0	0	29	1	1	0	0	0	1	1	25	2
	1130	"	1009·9	1002·6	...	80·4	75·6	73·3	28·1	80	...	7·1	...	6·1	0	0	30	1	0	0	0	0	3	2	24	1
	1730	"	1008·0	1000·7	...	79·0	75·1	73·3	28·4	83	...	7·4	...	7·4	0	3	28	1	0	0	0	0	5	4	21	0
	2330	"	1010·6	1003·3	...	74·9	73·5	72·9	27·5	94	...	6·6	...	5·6	0	0	31	9	1	0	2	0	0	4	15	0
Hill Stations excluding Kashmir—																										
Kohima	0830	4,614	...	...	...	71·6	69·6	68·5	23·9	90	...	7·7	...	2·3	0	0	30	6	3	2	9	2	0	2	6	1
	1730	"	...	...	...	70·0	68·7	68·0	23·2	94	...	7·4	...	1·5	0	0	19	7	0	2	3	2	0	0	5	12
Aijal	0830	3,599	893·7	884·0	...	70·6	68·5	67·4	23·1	90	...	6·8	...	4·4	0	0	31	0	0	5	4	8	14	0	0	0
	1730	"	891·4	881·8	...	71·5	69·7	68·9	23·8	91	...	6·9	...	4·2	0	0	30	0	0	2	0	5	21	1	1	1
Shillong	0830	4,921	895·2	845·5	+1·0	69·9	66·6	64·9	20·7	84	+3	6·5	−0·2	1·5	0	0	16	0	0	1	3	4	7	1	0	15
	1730	"	893·1	843·5	...	70·2	66·6	64·6	21·0	83	..	7·2	...	2·1	0	0	21	0	0	0	3	3	14	1	0	10
Cherrapunji	0830	4,309	895·8	864·1	+0·9	67·5	66·7	66·1	21·8	96	+6	7·5	0	6·0	0	1	30	0	3	4	6	7	11	0	0	0
	1730	"	893·4	861·9	...	68·9	66·7	66·4	21·7	96	...	7·0	...	5·0	0	1	30	1	5	1	4	3	13	2	2	2
Darjiling	0830	7,432	797·4	773·3	+0·7	61·4	61·1	61·0	18·1	99	+6	7·7	+0·6	4·9	0	2	26	0	1	20	5	0	0	2	0	5
	1730	"	795·6	771·5	...	60·9	60·6	60·4	17·7	99	...	7·5	...	5·4	0	1	26	0	0	7	13	0	0	7	0	4
Darjiling (Raj Bhawan)	0830	6,980	799·3	787·7	...	63·0	61·8	61·3	18·6	94	...	7·4	...	0·8	0	0	13	6	5	0	1	0	1	0	0	10
	1730	"	798·0	786·6	...	63·5	62·6	61·8	18·9	95	...	7·6	...	0·8	0	0	12	3	1	1	2	1	3	1	0	19
Kalimpong	0830	3,965	891·6	870·6	−2·4	69·3	67·9	67·1	22·6	93	+2	5·2	−1·4	0·6	0	0	8	0	0	0	0	0	0	0	8	23
	1730		888·0	867·6	...	71·0	69·6	68·8	24·0	93	...	5·1	...	0·8	0	0	9	0	0	0	9	0	0	0	0	22

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, miles per hour.	Wind Speed (m.p.h.).			No. of observations.								
			At mean sea or nearest s. 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	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
Stations excluding Kashmir—*contd.*																										
Almandu	0830	4,388	895·4	861·7	...	73·6	70·0	67·8	23·7	83	+3	7·2	+0·6	0·7	0	0	8	1	1	4	1	1	0	0	0	23
	1730	"	892·5	859·1	...	75·8	71·5	69·5	24·3	81	...	7·0	...	1·0	0	0	11	3	0	2	2	2	0	0	2	20
Akteswar (Kumaon)	0830	7,592	797·3	768·8	+0·7	61·4	60·8	60·6	18·1	97	+7	7·5	+0·9	6·4	0	0	30	0	6	7	1	1	3	10	2	1
	1730	"	795·6	767·0	...	64·5	63·2	62·6	19·0	94	...	7·2	...	7·6	0	1	30	0	2	3	1	1	9	13	2	0
Almital	0830	6,409	794·8	799·2	...	65·0	63·2	62·3	19·7	88	...	7·5	...	5·2	0	1	29	2	0	19	5	1	1	2	0	1
	1730	"	793·5	797·7	...	68·1	65·1	63·6	20·0	91	...	7·2	...	4·7	0	0	29	5	0	15	4	1	1	3	0	2
Almpal	0830	...	...	...	...	44·3	43·4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Almssooree	0830	6,699	795·7	792·1	−0·5	64·3	63·3	62·2	19·2	96	+3	7·2	+0·2	1·4	0	0	11	0	1	0	3	5	2	0	0	20
	1730	"	794·1	790·5	...	65·9	65·2	64·5	19·9	97	...	7·7	...	1·2	0	0	16	0	3	0	1	6	5	1	0	15
Almila	0830	7,224	795·6	777·2	+0·1	63·9	61·9	60·8	18·3	91	+11	6·4	+0·1	1·0	0	0	16	4	2	1	1	5	3	0	0	15
	1730	"	794·2	776·0	...	66·3	64·1	63·0	19·9	90	...	6·8	...	1·0	0	0	14	3	1	1	2	3	2	1	1	17
Almhousie	0830	6,426	790·5	794·5	...	67·4	66·1	63·1	21·1	94	...	5·2	...	1·0	0	1	3	0	3	0	0	0	1	0	0	27
	1730	"	789·4	793·4	...	70·4	68·8	65·8	23·3	93	...	6·5	...	0·7	0	0	9	0	1	0	1	1	2	2	2	22
Almramshala	0830	3,975	897·3	876·0	...	73·2	70·1	68·7	23·8	87	...	6·0	...	2·7	0	0	25	2	5	7	0	0	3	4	4	6
	1730	"	895·4	874·2	...	76·4	72·6	71·1	25·2	84	...	5·7	...	3·6	0	0	26	2	3	0	2	2	9	4	4	5
Almharhi	0830	3,528	894·9	887·5	+1·2	70·6	69·4	68·7	24·1	94	+6	7·7	+0·5	4·2	0	0	27	0	0	0	1	0	1	22	3	4
	1730	"	892·5	885·1	...	74·3	71·0	69·5	24·6	86	...	7·5	...	2·1	0	0	22	1	0	0	0	0	2	17	2	9
Almi	0830	3,921	893·9	874·2	+1·0	68·7	67·8	67·1	22·9	96	+5	7·3	+0·2	5·9	0	2	24	1	1	1	1	3	14	4	1	5
	1730	"	892·1	872·6	...	74·9	70·5	68·3	23·7	80	...	7·2	...	2·5	0	0	25	1	1	0	0	12	7	3	1	6
Almahabaleshwar	0830	4,534	896·9	858·2	−0·2	64·0	63·9	63·7	20·3	99	+2	7·9	−0·1	6·8	0	1	29	0	0	0	0	0	23	1	6	1
	1730	"	895·2	856·6	...	64·5	64·5	64·1	20·7	100	...	8·0	...	6·3	0	0	31	1	0	0	0	0	26	2	2	0
Almadi Hills	0830	...	...	...	...	63·4	63·1	62·9	19·6	98	...	...	...	...	...	...	...	10	12	0	0	0	0	4	5	0
Almcara	0830	3,781	899·4	883·9	+0·3	64·4	64·2	64·2	20·5	99	+4	7·4	−0·2	4·6	0	0	31	0	0	0	0	0	3	15	13	0
	1730	"	897·2	882·0	...	65·4	65·3	65·0	21·3	98	...	7·6	...	4·7	0	0	31	0	0	0	0	0	3	16	12	0
Almlaikanal	0830	7,688	801·1	769·8	+0·8	56·7	54·3	52·6	13·6	87	+10	6·2	+0·4	10·8	0	9	20	0	0	0	3	1	1	6	18	2
	1130	"	801·1	770·0	...	59·3	56·5	54·8	14·6	85	...	7·5	...	11·1	0	12	14	0	0	0	3	1	0	5	17	5
	1730	"	799·6	768·3	...	56·2	55·1	54·3	14·4	93	...	7·8	...	10·8	0	10	19	0	0	0	1	1	0	5	22	2
Almcamund	0830	7,378	800·4	777·7	+0·2	56·3	54·3	53·5	13·7	90	+1	6·1	−1·0	4·7	0	0	24	0	0	0	0	0	12	12	0	7
	1730	"	799·2	776·0	...	56·9	55·3	54·4	14·3	90	...	6·7	...	5·7	0	0	25	0	1	1	0	0	7	16	0	6
Almnoor	0830	...	...	...	...	65·0	60·2	57·0	16·1	77	+8	5·3	−1·1	4·5	0	0	31	2	1	0	3	6	2	7	10	0
Alm Almen	0830	...	...	...	...	57·5	56·6	55·5	15·2	94																
Almng (Chumbi)	0830	...	...	...	...	59·9	58·5	57·4	16·2	93	+6	3·9	−0·4	...	...	...	...	...	...	...	...	...	...	...	...	...
Almla	0830	12,090	627·9	656·3	...	60·4	59·1	58·2	16.7	93	...	5·9	...	0·3	0	0	2	0	1	0	0	0	0		0	29
Almntse	0830	13,110	624·8	625·5	...	58·1	50·6	44·8	10·3	62	−2	4·5	−0·4	0	0	0	0	0	0	0	0	0	0	0	0	31
Alm Almmbo	0830	24	1010·3	1009·5	+0·2	78·8	75·1	73·3	28·0	83	−1	7·0	+0·8	5·5	0	2	25	0	0	1	4	2	13	6	1	4
	1730	"	1008·3	1007·5	...	79·4	75·1	72·7	27·9	81	...	7·6	...	4·9	0	0	30	0	0	0	0	0	23	6	1	1
Almcomalee	0830	"	1008·3	1007·5	+1·0	81·1	74·9	71·6	26·7	73	−3	6·0	+1·9	11·7	0	18	13	0	0	0	1	1	27	2	0	0
	1730	"	1006·0	1005·2	...	83·7	75·5	71·0	26·3	67	...	7·2	...	9·9	0	9	21	0	0	0	2	6	19	3	0	1
Almcoloa	0830	20	1008·4	1008·1	...	81·6	76·2	72·9	28·7	76	...	5·0	...	5·1	0	1	25	0	0	0	3	6	9	6	2	5
	1730	"	1006·0	1005·7	...	85·1	78·1	74·8	29·7	72	...	6·7	...	9·6	0	7	23	1	0	2	11	3	6	4	3	1
Almbantota	0830	50	1009·8	1008·0	+0·9	79·0	75·0	72·8	27·8	82	−3	6·5	+2·5	12·5	0	20	11	0	0	0	0	0	11	19	1	0
	1730	"	1007·6	1005·9	...	80·9	75·7	72·6	27·9	77	...	7·0	...	13·6	0	22	8	0	0	0	0	0	10	19	1	1
Almnar	0830	12	1008·5	1008·1	...	82·9	78·7	76·8	31·6	82	...	6·4	...	9·8	0	5	26	0	0	0	1	8	22	0	0	0
	1730	"	1006·0	1005·6	...	83·4	78·7	76·6	31·3	80	...	7·5	...	11·3	0	13	18	0	0	0	0	5	26	0	0	0
METEOROLOGICAL SERVATORIES Malar Catchment																										
Agro	0530	784	999·7	973·1	...	78·1	76·8	76·2	30·9	94	...	7·6	...	2·5	0	0	20	1	0	2	7	1	7	1	1	11
	0830	"	1000·9	974·4	...	81·2	77·7	76·3	30·8	85	...	7·1	...	3·4	0	0	22	0	0	1	4	4	9	3	1	9
	1130	"	1000·5	974·1	...	85·2	78·5	75·5	30·3	73	...	6·8	...	4·4	0	0	27	0	1	3	5	2	11	3	2	4
	1730	"	998·3	971·9	...	82·2	77·8	75·8	30·6	82	...	7·3	...	3·2	0	0	22	1	2	2	5	1	4	4	3	9
	2330	"	1001·0	974·4	...	79·3	77·5	76·6	31·4	92	...	6·7	...	1·7	0	0	14	2	0	1	6	1	3	0	1	17
Almribagh	0530	2,019	889·9	932·0	...	74·2	73·3	72·9	27·6	96	...	7·0	...	1·5	0	0	18	2	0	2	0	5	5	3	1	13
	0830	"	891·3	933·3	...	77·5	74·6	73·3	28·0	87	...	3·4	...	3·9	0	0	28	3	1	1	3	1	11	5	3	3
	1130	"	891·5	933·2	...	80·8	75·6	73·2	28·1	78	...	6·4	...	3·9	0	0	27	2	1	3	1	0	9	10	1	4
	1730	"	889·3	931·0	...	78·8	75·2	74·0	28·4	85	...	6·9	...	2·6	0	0	24	1	0	3	1	3	5	8	3	7
	2330	"	891·1	933·2	...	75·6	74·2	73·6	28·3	93	...	6·0	...	2·1	0	0	19	0	0	1	3	3	9	3	0	12

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, miles per hour.	Wind Speed (m.p.h.)			No. of observations. Wind direction.								
			At mean sea level 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.*																										
Damodar Catchment—*contd.*																										
Barhi	0830	...	...	...	...	80·9	76·8	75·1	29·6	83	...	...	...	3·9	0	0	31	1	2	4	2	3	9	8	2	0
	1730	...	...	...	...	80·8	77·1	75·3	30·1	84	...	...	...	2·8	0	0	27	0	4	6	2	1	6	5	3	4
Ramgarh	0830	...	...	...	...	81·6	77·6	75·8	30·5	83	...	...	...	2·3	0	0	23	0	5	0	2	0	6	2	8	8
	1730	...	...	...	...	81·8	78·1	76·3	31·2	85	...	...	...	1·6	0	0	21	1	3	1	5	0	3	1	7	10
Dhanbad	0530	839	999·7	971·2	...	78·0	76·7	76·0	30·8	94	...	5·5	...	3·0	0	0	26	1	3	2	1	6	7	5	1	5
	0830	"	1000·7	972·4	...	81·8	78·5	77·1	31·8	86	...	6·1	...	4·1	0	0	30	2	1	2	2	6	8	7	2	1
	1130	"	1000·3	972·2	...	85·8	79·3	76·3	31·3	74	...	5·5	...	4·6	0	1	28	3	2	5	1	3	7	7	1	2
	1730	"	998·1	969·9	...	82·9	78·7	76·8	31·6	83	...	6·6	...	3·5	0	0	28	1	1	4	2	7	4	6	3	3
	2330	"	1000·7	972·3	...	79·2	77·6	76·8	31·6	93	...	5·6	...	3·1	0	0	25	0	1	4	2	5	8	5	0	6
Mahanadi Catchment																										
Baramul	0830	210	1002·4	995·2	...	84·2	78·9	77·0	31·3	79	...	...	...	0·9	0	0	11	1	0	3	2	0	1	3	1	20
	1730	"	1000·3	993·1	...	81·3	78·1	76·7	31·4	86	...	...	...	0·5	0	0	7	0	0	0	0	0	1	6	0	24
Hirakud	0830	522	1005·4	987·6	...	80·9	77·0	75·3	29·9	83	...	...	...	0·1	0	0	2	0	1	1	0	0	0	0	0	29
	1730	"	1002·3	984·7	...	84·3	79·0	76·8	31·4	79	...	...	...	0·4	0	0	5	0	1	2	0	0	0	0	2	26
Barkachhar	0830	...	...	...	...	79·4	75·6	73·7	28·5	84	...	6·5	...	8·5	0	5	25	0	0	0	2	4	20	4	0	1
	1730	...	...	...	...	81·5	76·3	74·0	28·6	79	...	6·7	...	5·9	0	1	28	1	1	1	1	1	17	7	0	2
Sonepur	0830	...	...	...	...	82·0	77·4	75·8	30·0	81	...	...	...	5·2	0	1	28	1	1	4	0	0	2	17	4	2
Ginabahar	0830	...	...	...	...	77·1	75·2	74·0	29·0	91	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ganga Catchment																										
Tapoban *	0830	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Badrinath	0830	...	...	...	...	53·4	52·3	51·4	13·0	93	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Narbada Catchment																										
Punasa	0830	...	...	...	...	79·4	76·2	74·8	29·4	86	...	7·4	...	4·7	0	0	26	0	0	0	0	0	22	4	0	5
	1730	...	...	...	...	86·0	77·9	74·2	28·9	70	...	7·2	...	5·0	0	1	25	0	1	0	1	0	20	4	0	5
Bagra Tawa	0830	...	...	...	...	79·4	75·9	74·5	29·0	85	...	6·3	...	4·0	0	0	30	0	2	0	0	2	26	0	0	1
	1730	...	...	...	...	81·9	76·9	74·7	29·3	79	...	6·7	...	2·8	0	0	28	0	0	0	0	5	21	2	1	3
Thikri	0830	...	...	...	...	81·3	77·6	75·6	30·6	85	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tapti Catchment																										
Nandurbar	0830	...	...	...	...	78·7	75·8	74·3	29·1	87	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sabarmati Catchment																										
Jhadol	0830	...	...	...	...	77·8	74·9	73·8	28·2	87	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dhasol †	0830	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

* Data not available.

† Data not reliable.

RADIOSONDE DATA

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

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

JULY 1953

ndard ssure face bs.	ALLAHABAD Surf. Pr. (988 mb.)						CALCUTTA (1001 mb.)						JODHPUR (974 mb.)					
	No. of Obs.	Ht. gpm.	Temperature °A				No. of Obs.	Ht. gpm.	Temperature °A				No. of Obs.	Ht. gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point			Mean	Max.	Min.	Dew Point			Mean	Max.	Min.	Dew Point
face	31	96	301·6	304	299	299·3	31	5	301·4	303	299	299·1	31	218	305·9	309	300	295·3
000	27	−9	...	...	...	...	31	13	...	...	...	...	31	−23	...	...	...	...
900	26	925	297·1	301	293	295·7	31	944	296·7	300	294	293·5	31	924	300·5	305	297	292·6
850	26	1426	294·0	299	291	292·8	31	1444	294·2	297	291	290·6	31	1428	296·2	299	293	290·6
800	26	1951	291·3	295	287	289·8	31	1937	291·5	294	289	287·5	31	1956	292·7	295	288	288·7
700	26	3087	285·0	289	282	283·8	31	3104	285·6	289	283	281·8	31	3095	286·7	291	284	281·2
600	26	4368	278·1	281	274	277·2	31	4387	279·0	283	276	274·6	31	4380	279·9	282	275	273·3
500	26	5840	270·5	275	263	271·5	31	5859	271·5	274	266	269·1	30	5854	271·3	275	265	266·7
400	23	7577	260·9	265	252	...	31	7609	261·8	268	255	...	31	7601	262·5	267	258	...
300	19	9711	247·4	255	237	...	27	9776	249·8	255	243	...	30	9761	249·6	255	243	...
250	14	10998	238·6	247	225	...	25	11084	241·4	248	233	...	29	11064	240·0	245	230	...
200	12	12539	228·8	234	216	...	21	12629	229·1	233	221	...	29	12601	228·2	235	215	...
175	7	13444	223·7	227	213	...	19	13441	222·3	234	215	...	20	13485	221·3	229	207	...
150	...	...	...	...	...	...	9	14408	214·7	231	208	...	13	14488	213·2	221	206	...
125													6	15538	206·9	215	196	...
100																		
80																		

	MADRAS (1003 mb.)						NAGPUR (967 mb.)						NEW DELHI (974 mb.)					
ace	27	15	303·0	307	300	295·7	28	307	300·4	303	297	298·0	31	206	303·1	308	298	299·0
000	27	39	...	..	...	...	28	8	...	...	...	...	31	16	...	...	...	...
900	27	972	296·5	299	292	290·6	28	939	296·7	301	293	292·0	30	917	299·7	305	295	295·2
850	27	1461	293·3	297	289	288·6	28	1437	293·7	297	288	289·9	30	1421	296·6	301	293	293·0
800	27	1992	289·3	291	285	286·0	28	1963	290·3	293	285	287·0	30	1952	293·4	300	288	289·7
700	26	3117	282·4	286	279	279·5	27	3093	284·4	287	282	281·7	29	3095	286·3	290	281	284·3
600	21	4385	275·6	278	273	272·3	24	4375	278·3	282	276	274·7	28	4381	279·9	283	275	276·5
500	20	5837	267·3	269	264	...	24	5848	270·7	275	268	...	28	5858	272·0	277	265	267·9
400	18	7560	258·2	261	255	...	23	7586	261·2	266	258	...	26	7613	263·7	266	256	...
300	11	9687	245·3	248	243	...	11	9738	247·7	251	245	...	21	9773	249·4	253	239	...
250	9	10964	236·0	238	235	...	8	11040	238·1	244	235	...	16	11088	240·5	245	233	...
200	7	12488	225·0	230	223	...	6	12551	227·3	230	224	...	9	12613	230·3	234	222	...
75	5	13392	220·2	227	215	...												
50																		
25																		
00																		
80																		

RADIOSONDE DATA
MEAN DYNAMIC HEIGHT, TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACES
(From Ascents at 15 hrs. G. M. T.)
JULY 1953

Standard pressure surface mbs.	POONA Sur. Pr. (943 mb.) No. of Obs.	Ht. gpm.	Temperature °A Mean	Max.	Min.	Dew Point	PORT BLAIR (999 mb.) No. of Obs.	Ht. gpm.	Temperature °A Mean	Max.	Min.	Dew Point	SHILLONG (838 mb.) No. of Obs.	Ht. gpm.	Temperature °A Mean	Max.	Min.	Dew Point
Surface	31	557	296·9	298	295	293·6	31	81	298·8	301	297	296·9	31	1062	292·6	293	291	291·7
1000	31	38	...	...	...	...	30	72	...	...	...	...	31	57	...	...	...	...
900	31	959	294·6	297	292	291·4	30	997	294·1	297	292	290·9	31	981	...	...	...	...
850	31	1453	292·6	291	284	289·0	30	1491	291·5	290	281	287·6	31	1477	...	...	...	...
800	31	1977	289·9	294	288	286·6	30	2010	288·7	292	286	284·7	31	2006	291·2	294	288	289·8
700	31	3109	284·9	289	279	280·5	29	3133	283·4	287	280	278·5	31	3141	285·7	287	281	284·6
600	30	4389	278·4	281	276	274·4	27	4402	276·3	279	272	268·4	31	4424	278·8	282	271	277·6
500	30	5859	270·4	275	267	...	27	5857	268·7	273	263	...	31	5899	271·9	275	267	271·4
400	27	7601	261·1	265	257	...	25	7581	259·2	265	255	...	31	7648	262·2	267	258	...
300	22	9761	248·4	252	244	...	20	9704	245·0	251	241	...	30	9811	249·0	256	240	...
250	16	11058	239·5	247	234	...	18	10998	236·8	243	231	...	28	11118	240·2	250	228	...
200	10	12579	228·4	231	227	...	13	12516	226·6	231	221	...	28	12654	229·2	240	213	...
175	6	13467	221·6	223	221	...	6	13383	219·7	225	214	...	22	13542	224·0	238	205	...
150	7	14438	212·9	216	210	...	6	14374	213·1	220	207	...	12	14575	220·8	230	213	...
125													8	15793	216·5	220	211	...
100													8	17354	211·1	217	207	...
80																		

Standard pressure surface mbs.	TRIVANDRUM (1002 mb.) No. of Obs.	Ht. gpm.	Temperature °A Mean	Max.	Min.	Dew Point	VERAVAL (1001 mb.) No. of Obs.	Ht. gpm.	Temperature °A Mean	Max.	Min.	Dew Point	VISAKHAPATNAM (997 mb.) No. of Obs.	Ht. gpm.	Temperature °A Mean	Max.	Min.	Dew Point
Surface	31	63	298·2	301	296	295·9	31	8	301·3	302	300	298·7	29	48	301·2	303	299	297·9
1000	31	84	...	...	...	...	31	14	...	...	...	...	29	19	...	...	...	...
900	31	1005	293·0	295	291	290·4	31	943	294·2	297	292	292·6	29	951	296·1	299	294	293·2
850	31	1496	290·6	293	287	288·0	31	1437	291·8	296	289	289·8	29	1447	293·9	297	286	290·8
800	31	2016	287·6	290	284	285·0	30	1961	289·4	292	286	286·7	29	1978	290·1	294	285	283·9
700	30	3138	282·6	286	279	279·8	29	3093	285·5	291	281	279·7	29	3101	284·0	287	279	280·8
600	29	4406	276·1	280	273	273·3	29	4375	278·2	282	276	274·4	29	4376	277·8	281	275	274·7
500	29	5864	268·8	272	267	...	27	5850	271·1	275	268	...	28	5841	269·3	272	266	...
400	29	7591	259·4	263	256	...	23	7591	261·4	265	257	...	27	7579	259·8	262	257	...
300	27	9723	246·5	250	241	...	14	9734	246·2	249	244	...	24	9707	246·7	251	236	...
250	18	11012	237·3	243	231	...	10	11035	239·4	245	232	...	18	11011	238·6	245	235	...
200	14	12536	226·6	233	218	...						...	12	12518	227·0	233	221	...
175	9	13440	220·4	226	216	...						...	9	13488	220·4	225	216	...
150												...	8	14414	213·9	220	213	...
125													6	15549	209·2	214	207	...
100																		
80																		

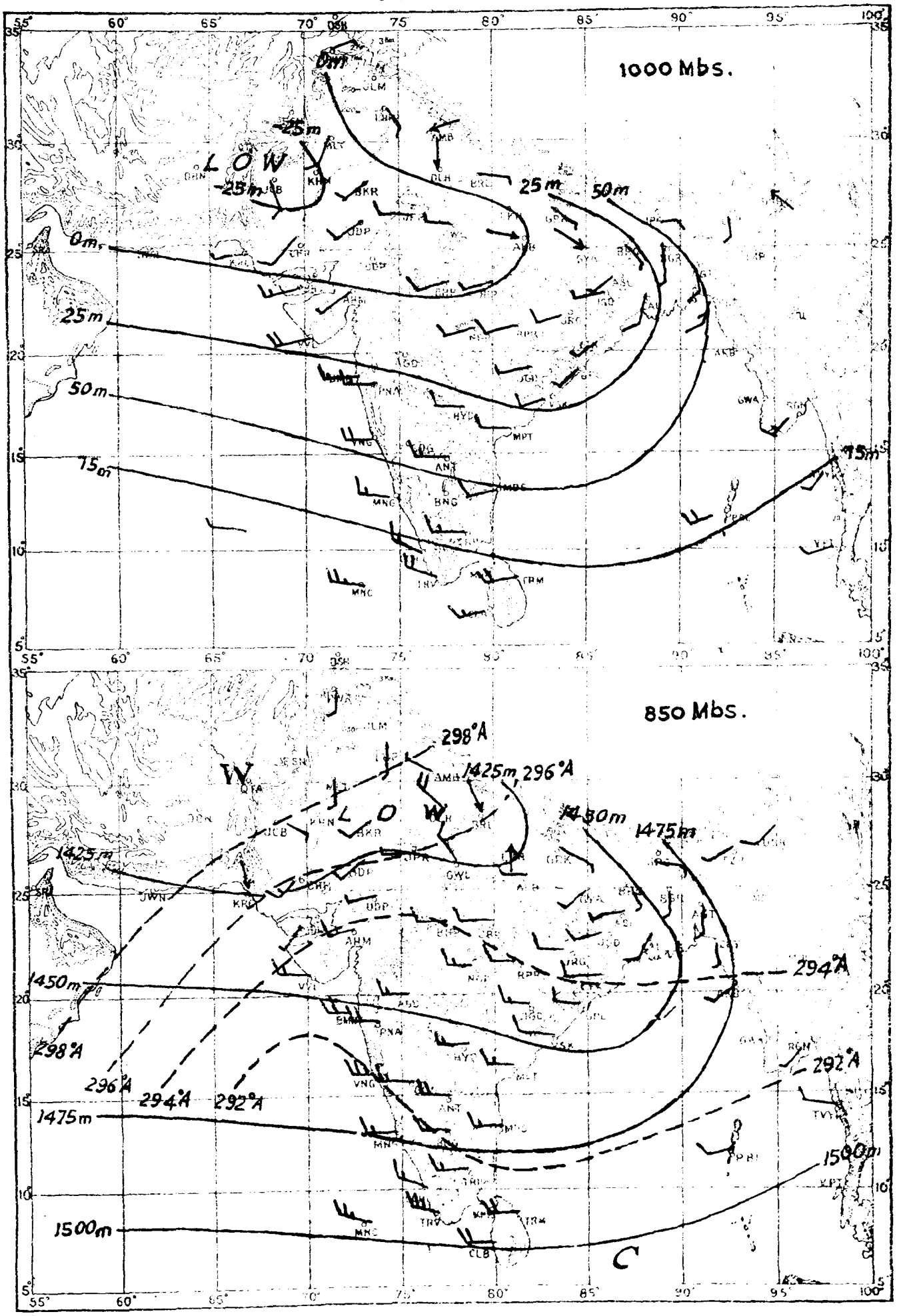
NOTES:—Number of observations refer to those of dynamic height.
Means are not worked out for temperature and dew point for the 1000 mb. surface and for dew point for standard pressure surfaces with temperatures less than 273 °A.
Means are not worked out for less than five observations at standard pressure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

GIPN.—S1—14 DDG. Obs. Poona—24-2-55—260.

MONTHLY MEAN CONSTANT PRESSURE CHARTS.

JULY 1953

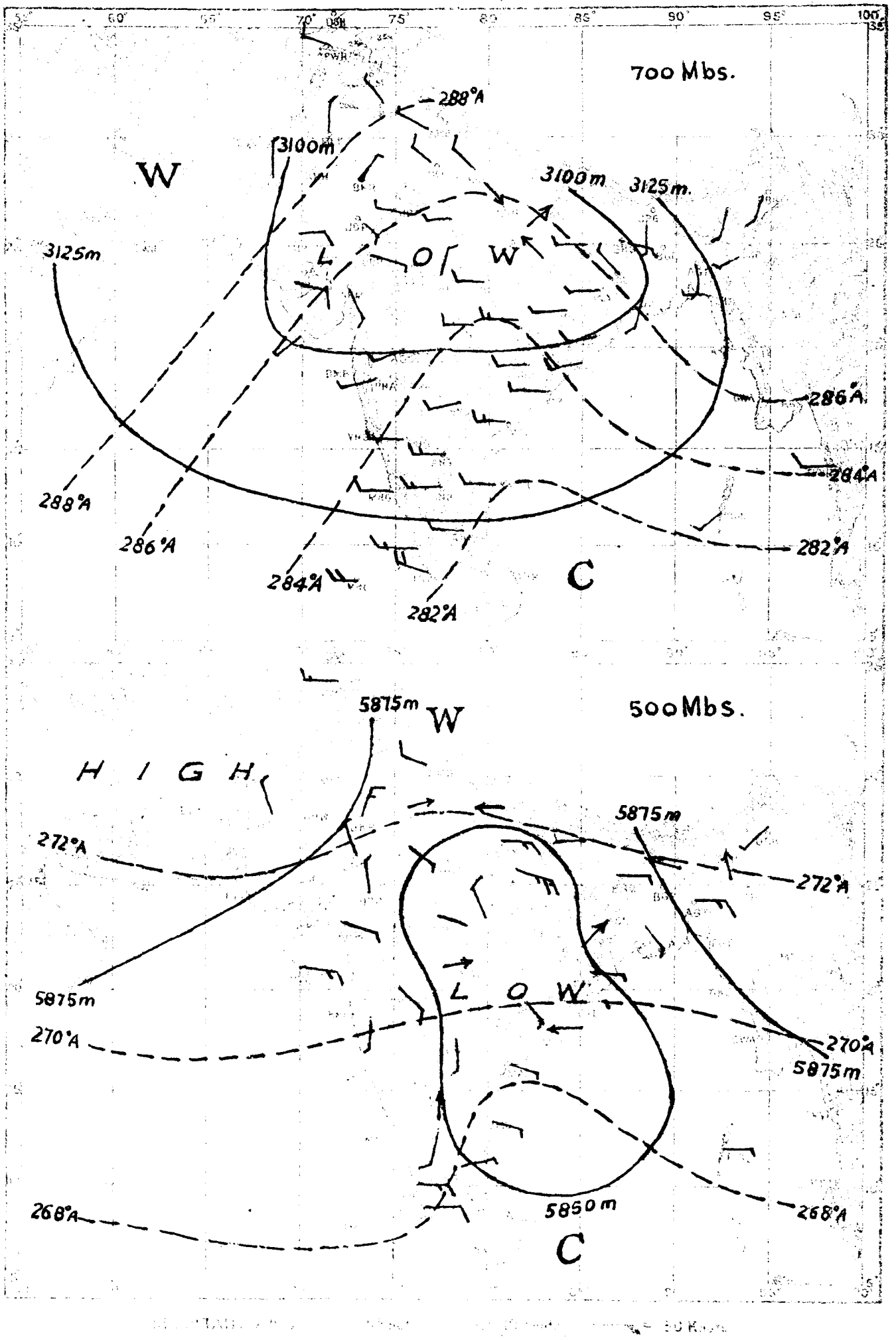
Plate I



MONTHLY MEAN CONSTANT PRESSURE CHARTS.

JULY 1953

Plate II



Contours at geopotential metres.

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WEATHER BUREAU

INDIA WEATHER REVIEW, 1953

Monthly Weather Report

August

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Chief features:—Formation of a cyclonic storm and two depressions at the head Bay of Bengal and the associated wet spell over a large tract of the country were the chief features of the month's weather.

A depression formed at the head Bay of Bengal on the lst and rapidly intensified into a cyclonic storm by the same night. It was centred about 100 miles south of Calcutta on the 2nd morning. Moving in a westerly direction it crossed coast near Balasore during the night, and then weakened into a deep depression with centre near Sambalpur on the 3rd morning. Later, it took a northwesterly course and after further weakening lay as a depression over northwest Madhya Pradesh on the morning of the 5th. Subsequently it moved away westwards as a low pressure area across north Gujarat, Kutch and Sind. In association with the above, strong monsoon conditions prevailed in the Konkan during the lst week, and over Kutch and Saurashtra on the 4th. Monsoon was also vigorous in Orissa on the 3rd, and in Madhya Pradesh between the 3rd and 5th. Angul in Orissa recorded 10″ on the 3rd morning; Kanker in Madhya Pradesh had 7″ on the 4th and Pachmarhi 8″ on the 5th.

The monsoon was vigorous in the north Punjab(I) on the 2nd and 3rd; Madhopur in Gurdaspur district recorded 18·6″ of rain during the 72 hours ending 0830 hrs. IST. of the 3rd, which is perhaps the highest record for that station. Due to such very heavy falls of rain over the area, the communication systems in the Pathankot area were seriously interrupted.

A shallow depression formed at the head Bay of Bengal on the 10th, with centre at 0830 hrs. IST. about 150 miles southeast of Calcutta. Moving slowly westwards, it intensified into a deep depression and was centred about 80 miles south of Saugor Island on the 12th morning. It continued to move slowly in a westerly direction and weakened into a depression by the 14th morning. Crossing coast near Chandbali the same night, it weakened further into a low pressure area over Orissa, Chota Nagpur and east Madhya Pradesh. On the 13th morning some very heavy falls of rain occurred in southeast Madhya Pradesh, Kanker and Sironcha recording 8″ and 7″ respectively. Following these very heavy falls, the river Godavari was in spate and overflowed its previous record height at Rajahmundry Railway Bridge. The river Dudh washed away the bridge over it and isolated the two halves of Kanker town. The low pressure area then moved northwestwards and persisted over the central parts of the country for some 3 or 4 days during which period some heavy to very heavy falls occurred in Saurashtra, north Gujarat and north Madhya Pradesh. Surendranagar in Saurashtra, Umaria in Vindhya Pradesh and Pendra in northeast Madhya Pradesh recorded 8″, 12″ and 10″ respectively, on the 18th morning. Later, the low pressure area moved northwards and merged into the seasonal trough, and some heavy to very heavy falls of rain occurred at places in east Uttar Pradesh ; Allahabad had 13″ on the 20th and 8″ on the 23rd, Gonda recorded 8″ on the 22nd and Kanpur 7″ on the 23rd. According to press reports nearly 300 villages on the banks of the Ganges were inundated.

Conditions became markedly unsettled over the head Bay of Bengal on the 22nd and concentrated into a depression on the 23rd morning, with its centre about 40 miles south of Calcutta. The depression lay over Chota Nagpur on the evening of the same day. Later, it rapidly weakened and moving in a northwesterly direction, merged into the seasonal trough. During the 24 hours from the morning of 23rd, widespread and heavy to very heavy rainfall occurred in Chota Nagpur and south Bihar, the chief amounts of rainfall being 7″ at Jamshedpur and 6″ at Gaya.

Total rainfall of the month was in large excess in west Rajasthan, east Madhya Pradesh, Gujarat, Saurashtra and Kutch and Mysore; in moderate excess in Orissa and coastal Andhradesa, and in slight excess in Chota Nagpur, east Uttar Pradesh, Vindhya Pradesh, Deccan(Desh), and south Hyderabad. It was normal in the Punjab(I), east Rajasthan, west Madhya Pradesh, the

Konkan and north Hyderabad, in slight defect in West Bengal, Bihar, west Uttar Pradesh and Madhya Bharat; in moderate defect in the Bay Islands, Assam, Tamilnad, Malabar-south Kanara and Travancore-Cochin and in large defect in Rayalaseema. Averaged over the plains of India, rainfall was 15% in excess.

The mean maximum temperature was normal throughout the country except in Gujarat, Saurashtra and Kutch and Rayalaseema where it was below normal. The mean minimum temperature was normal all over the country.

The mean relative humidity in the morning was in excess in Rajasthan, Gujarat, Saurashtra and Kutch and north Hyderabad and was normal in the remaining divisions.

The mean cloud amount in the morning was in excess in Rajasthan and east Madhya Pradesh and 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 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:
Dated the 14th April 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
lon								
sam (including Ianipur & Tri-ura).	10·29	73	89·9	77·8	83	79	5·3	4·5
	−3·86	..	+1·1	+0·5	−2	..	−1·1	..
est Bengal .	12·56	87	89·4	78·8	86	80	6·3	6·2
	−1·81	..	+0·6	+0·4	+1	..	+0·1	..
rissa. . .	16·33	128	87·6	78·5	85	83	6·7	6·9
	+3·60	..	−0·3	+0·4	+3	..	+0·8	..
har . . .	12·41	96	89·3	77·9	83	79	5·9	6·0
	−0·56	..	+0·8	+0·2	+1	..	−0·1	..
ttar Pradesh .	12·39	102	90·0	78·1	85	77	5·4	5·6
	+0·30	..	0	+0·2	+2	..	−0·2	..
njab (I) (includ-g PEPSU & elhi).	7·09	98	92·9	78·4	79	68	4·5	4·4
	−0·16	..	−1·3	−0·4	+3	..	+0·2	..
ajasthan . .	7·72	125	90·0	77·2	84	69	5·8	5·5
	+1·53	..	−1·4	+0·2	+8	..	+1·0	..
ivision								
y Islands . .	12·13	74	84·5	75·6	84	88	7·2	7·1
	−4·16	..	+1·1	+0·9	0	..	+0·6	..
sam (including Ianipur & Tri-ura).	10·29	73	89·9	77·8	83	79	5·3	4·5
	−3·86	..	+1·1	+0·5	−2	..	−1·1	..
est Bengal .	12·56	87	89·4	78·8	86	80	6·3	6·0
	−1·81	..	+0·6	+0·4	+1	..	+0·1	..
rissa. . .	16·33	128	87·6	78·5	85	83	6·7	6·9
	+3·60	..	−0·3	+0·4	+3	..	+0·8	..
ota Nagpur .	16·97	123	87·6	76·2	86	82	6·7	6·9
	+3·22	..	+0·3	+0·1	+3	..	+0·4	..
har . . .	10·75	85	90·3	78·9	82	77	5·5	5·6
	−1·93	..	+1·1	+0·2	0	..	−0·4	..
ttar Pradesh, East	14·85	123	89·9	78·9	85	78	5·6	5·5
	+2·80	..	0	+0·5	+1	..	0	..
ttar Pradesh, West	9·63	79	90·0	77·2	85	76	5·3	5·7
	−2·51	..	+0·1	−0·1	+4	..	−0·6	..
njab (I) (includ-g PEPSU and elhi).	7·09	98	92·9	78·4	79	68	4·5	4·4
	−0·16	..	−1·3	−0·4	+3	..	+0·2	..
mmu and Kash-ir.	(Data incomplete)							
ajasthan, West .	6·24	165	93·9	78·7	82	64	4·9	4·9
	+2·45	..	−1·5	+0·1	+9	..	+0·9	..
ajasthan, East cluding Ajmer).	9·20	107	86·9	76·0	86	75	6·5	6·1
	+0·60	..	−1·8	+0·3	+7	..	+1·1	..
Madhya Bharat .	9·07	86	85·1	73·8	88	79	7·4	7·1
	−1·48	..	−0·1	+0·3	+3	..	+1·0	..
Vindhya Pradesh .	16·00	122	86·4	75·7	87	79	7·0	6·8
	+2·87	..	+0·1	−0·1	+4	..	+0·4	..

—	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—*contd.*								
8. Madhya Bharat & Vindhya Pradesh.	11·67	101	85·6	74·5	88	79	7·3	7·0
	+0·15	..	0	+0·1	+3	..	+0·8	..
9. Madhya Pradesh .	16·08	131	84·6	73·7	86	76	7·3	7·2
	+3·80	..	−0·3	+0·2	+3	..	+1·0	..
10. Bombay (including Saurashtra & Kutch). . .	15·92	172	84·2	74·1	88	77	6·8	6·7
	+6·66	..	−1·5	+0·3	+6	..	+0·4	..
11. Hyderabad . .	6·82	113	85·3	72·0	83	67	6·0	6·6
	+0·79	..	−1·3	+0·1	+6	..	+0·4	..
12. Madras (including Travancore-Cochin).	4·27	73	90·5	77·2	74	64	5·9	6·5
	−1·57	..	−0·3	+0·8	−1	..	+0·4	..
13. Mysore . .	7·75	167	78·6	67·1	88	67	6·9	6·8
	+3·10	..	−1·8	+1·0	+3	..	+0·1	..
Mean of India .	11·04	115	87·7	75·9	84	74	6·2	6·3
	+1·47	..	−0·6	+0·3	+3	..	+0·4	..
Sub-division—*contd.*								
15. Madhya Pradesh, East.	22·37	160	84·0	73·7	85	79	7·3	7·2
	+8·41	..	−0·5	+0·2	+1	..	+1·2	..
16. Madhya Pradesh, West.	12·16	108	84·9	73·7	87	75	7·2	7·2
	+0·92	..	−0·3	+0·2	+4	..	+0·8	..
17. Gujarat . .	21·64	275	85·1	75·9	93	83	7·5	6·7
	+13·77	..	−2·7	−0·1	+9	..	+0·8	..
18. Saurashtra and Kutch.	19·42	498	86·3	77·1	90	81	6·9	6·7
	+15·52	..	−2·0	+0·2	+7	..	+0·7	..
19. Konkan . .	17·47	102	83·8	76·1	88	83	6·9	6·3
	+0·27	..	−0·1	+0·3	+4	..	0	..
20. Deccan (Desh) .	10·75	119	82·8	70·3	85	70	6·4	6·7
	+1·70	..	−1·2	+0·5	+4	..	+0·3	..
21. Hyderabad, North	7·32	110	83·6	70·8	87	72	6·3	6·8
	+0·69	..	−1·6	0	+9	..	+0·4	..
22. Hyderabad, South	6·32	116	86·6	72·9	81	64	5·8	6·5
	+0·89	..	−1·0	+0·3	+3	..	+0·3	..
23. Coastal Andhradesa.	6·41	127	90·3	78·2	78	68	6·2	6·7
	+1·36	..	−1·6	−0·3	+2	..	+0·2	..
24. Rayalaseema .	1·65	43	89·8	75·9	71	57	6·4	6·7
	−2·20	..	−2·1	+0·7	+2	..	+0·6	..
25. Tamilnad . .	2·14	61	93·3	77·8	67	55	5·3	6·1
	−1·37	..	+0·3	+1·4	−4	..	+0·7	..
26. Malabar and South Kanara.	12·07	59	85·3	75·3	88	82	6·5	6·7
	−8·27	..	+1·9	+1·1	−3	..	−0·1	..
27. Mysore . .	7·75	167	78·6	67·1	88	67	6·9	6·8
	+3·10	..	−1·8	+1·0	+3	..	+0·1	..
28. Travancore-Cochin	5·87	63	84·7	75·3	85	79	6·5	6·7
	−3·43	..	+1·3	+0·8	−1	..	+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								
	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, sl. 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
Bay Islands.																											
Table Island	83·9	..	85	13 days	78·0	..	72	26	2·69	10·26	..	1·97	26	15	..	21·9	22·3	..	24	0	0	4	0	0	0	0	0
Maya Bandar	85·1	..	90	24	75·3	..	69	28,30	6·06	13·85	..	4·07	12	20	..	13·7	10·6	..	27	0	0	4	0	0	0	0	0
Long Island	86·6	..	91	31	76·8	..	74	3,4	2·67	6·88	..	1·08	10	18	..	6·4	4·6	..	22	0	0	1	0	0	0	0	0
Port Blair	84·5	+1·1	87	28	75·6	+0·9	71	4	1·87	12·13	−4·16	4·12	4	22	+1·1	19·5	15·0	+1·6	26	0	0	6	0	0	0	3	0
Kondul	84·6	..	89	30	77·9	..	74	4 days	2·66	5·52	..	1·17	26	10	..	7·8	6·6	..	13	0	0	4	0	0	0	0	0
Car Nicobar	87·0	..	89	28,29	77·4	..	71	27	3·84	4·86	..	0·88	27	11	..	5·5	4·0	..	14	0	0	1	0	0	0	0	0
Nancowry	85·0	..	89	25	79·0	..	73	31	1·54	2·65	..	0·56	7	8	..	11·8	9·8	..	16	0	0	3	0	0	0	0	0
Assam.																											
Mawsynram	..	..	..	..	..	..	..	..	..	62·82	..	13·40	20	20	..	..	..	..	..	..	..	..	..	..	..	..	..
Dibrugarh	89·8	+2·6	100	13	78·1	+2·2	75	13,18	0·42	11·98	−5·78	2·40	13	12	−6·7	1·2	1·0	0	18	0	0	4	0	0	0	0	0
Dibrugarh (Mohanbari Aerodrome)	91·1	..	98	13,17	77·0	..	72	13	2·49	14·68	..	2·93	26	15	..	2·5	2·0	..	18	0	0	13	0	0	0	0	0
Sibsagar	90·5	+1·7	97	19	79·0	+1·3	75	28	0·31	15·90	−0·47	4·02	6	14	−4·1	3·4	3·2	+1·2	22	0	0	10	0	0	0	0	0
Tezpur	92·1	+2·7	99	13	78·7	+1·0	76	4,9,10	1·04	12·48	−0·54	3·74	25	13	−2·9	1·0	0·9	−0·5	16	0	0	6	0	0	0	0	0
Tezpur (P.B.O.)	92·2	..	98	13,17	78·4	..	75	4	1·08	14·33	..	4·67	25	12	..	2·8	1·9	..	20	0	0	16	0	0	0	0	0
Gauhati	92·0	+1·7	97	13,17	77·0	−1·0	72	13	1·07	6·24	−4·02	1·65	13	12	−1·1	3·7	2·1	+0·8	16	0	0	4	0	0	0	0	0
Gauhati (Kaikuchi Aerodrome)	91·4	..	97	13	78·7	..	74	13	6·01	9·88	..	1·97	28	12	..	..	..	..	19	0	0	20	0	0	0	0	0
Dhubri	89·5	+3·2	93	6 days	78·8	+0·3	74	18	3·34	10·42	−2·87	1·26	27	15	+0·4	4·0	3·3	−0·2	17	0	0	0	0	0	0	0	0
Silchar	91·9	+2·4	99	13,16,17	78·3	+1·4	75	25,26,27	3·11	9 71	−10·55	1·85	26	13	−9·2	2·1	1·3	−0·2	17	0	0	9	0	0	0	0	0
Tura	85·2	..	91	1,13	74·1	..	72	26,28,30	8·03	14·20	..	2·24	26	21	..	2·7	2·4	..	24	0	0	0	0	0	0	0	0
Lumding	93·8	+3·6	101	1,3	74·7	−1·9	72	10	0	5·30	−2·78	1·52	30	14	+2·7	2·2	1·4	..	18	0	0	0	0	0	0	0	0
Agartala	89·6	..	94	2	76·7	..	73	1	7·58	16·50	..	4·32	20	17	..	..	..	..	25	0	0	8	0	0	0	0	0
Imphal	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0	0	1	1	0	0	0	0
West Bengal.																											
Dum Dum	89·2	..	94	8	79·5	..	76	26	4·12	9·36	..	1·99	23	18	..	5·4	5·7	..	22	0	0	7	0	0	0	0	0
Calcutta	89·6	+0·6	95	8	80·0	+1·7	77	3,28	4·62	11·85	−1·07	2·56	23	19	+1·0	4·9	3·8	+0·4	27	0	0	10	0	0	0	0	0
Barrackpore	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0	0	10	0	0	0	0	0
Saugor Island	86·3	−0·6	89	1,8,13	80·1	+0·5	70	3	9·48	19·98	+6·70	3·58	3	21	+4·7	12·5	12·3	+1·7	24	0	0	6	0	0	0	0	0
Sandheads	..	..	..	..	..	..	..	..	4·67	12·30	+3·46	2·73	2	16	+4·0	..	..	..	18	0	0	3	0	0	0	0	0
Midnapore	89·3	+0·1	93	7	77·6	−0·8	74	3	3·99	15·27	+2·52	3·71	23	19	+2·2	4·6	3·5	+1·3	21	0	0	2	0	0	0	0	0
Contai	88·5	..	92	26	78·5	..	76	3	4·96	15·38	..	2·80	15	18	..	7·5	5·9	..	19	0	0	0	0	0	0	0	0
Bankura	..	..	..	..	..	..	..	..	..	13·44	+1·31	2·16	19	21	+5·0	..	..	..	..	..	..	..	..	..	..	..	..
Burdwan	89·4	+0·2	93	1,13	..	..	..	..	4·75	13·94	+2·02	2·28	19	16	−0·2	5·4	4·1	+1·8	16	0	0	0	0	0	0	0	0
Krishnagar	91·0	+1·5	95	7,14	78·3	−0·1	75	2,25,27	4·94	13·80	+3·42	5·51	19	13	−2·3	4·3	3·0	−0·5	23	0	0	12	0	0	0	0	0
Asansol	89·2	+0·4	95	1	78·1	+0·6	74	24	6·15	15·36	+2·08	1·82	8	25	+8·0	5·6	4·6	−0·1	30	0	0	15	0	0	0	0	0
Berhampore	90·8	+1·7	95	1,7,31	79·2	+0·4	73	27	3·50	7·46	−3·95	1·10	2,10	16	−0·3	4·6	3·1	+0·1	22	0	0	0	0	0	0	0	0
Malda	89·6	+0·5	95	5	79·5	+0·4	74	27	4·53	9·94	−1·08	2·47	21	14	−0·6	6·5	5·2	+0·5	18	0	0	11	0	0	0	0	0
Cooch-Behar	89·9	..	93	1,17	78·6	..	75	27	3·03	10·66	−13·08	1·82	21,23	16	−2·7	3·3	2·4	..	18	0	0	0	0	0	0	0	0
Jalpaiguri	89·6	+0·8	97	13	77·5	+0·2	73	27,28	2·70	6·45	−18·82	1·10	26	12	−8·4	5·7	4·0	+2·3	18	0	0	12	0	0	0	0	0
Bagdogra	90·8	..	98	13	77·5	..	74	15,27	2·11	10·46	.	1·88	7	22	..	4·1	3·0	..	22	0	0	18	0	0	0	0	0
Orissa.																											
Balasore	88·0	−0·3	93	8,26	79·4	+1·0	77	6 days	4·02	9·46	−2·30	1·99	12	13	−1·8	7·0	5·4	+1·8	18	0	0	12	0	0	0	0	0
Chandbali	88·0	−0·3	92	7,20,22	79·3	+0·9	76	2,3,8	10·36	17·31	+2·64	5·50	3	14	−1·8	8·7	7·1	+0·5	14	0	0	6	0	0	0	0	0
Puri	87·9	+0·3	94	26	80·2	+0·6	76	9	4·32	15·13	+4·21	4·30	12	13	+0·1	13·7	12·4	+2·5	18	0	0	7	0	0	0	0	0
Bhubaneswar	87·7	..	93	31	77·3	..	71	3	6·64	15·00	..	3·05	3	17	..	12·4	9·8	..	23	0	0	14	0	0	0	0	0
Cuttack	88·4	−0·6	93	31	78·6	+0·5	75	24	7·81	16·40	+3·00	4·09	3	17	+1·2	7·3	4·7	+2·5	18	0	0	7	0	0	0	0	0
Cuttack (P.B.O.)	..	..	..	..	..	..	..	..	7·19	15·28	..	4·04	3	16	..	4·6	3·0	..	17	0	0	8	0	0	0	0	0
Gopalpur	86·9	−0·9	92	31	78·5	−0·3	73	4	8·09	15·49	+7 79	2·49	27	16	+5·2	6·2	7·9	+0·2	18	0	0	7	0	0	0	0	0
Koraput	76·1	..	82	30,31	68·6	..	65	28	9·64	29·35	..	4·30	13	24	..	..	..	..	27	0	0	0	1	0	0	0	0
Angul	87·0	−0·6	92	31	77·6	+0·7	74	3	7·03	20·44	+8·88	9·82	3	16	+0·9	7·8	5·7	+0·8	17	0	0	12	0	0	0	0	0
Sambalpur	87·1	+0·4	92	1	76·0	−0·9	71	28	6·06	20·05	+1·01	3·11	12	18	−0·9	6·6	5·2	+1·6	23	0	0	9	0	0	0	0	0
Jharsuguda	86·8	..	92	14	76·1	..	71	27	4·42	19·28	..	4·90	8	19	..	7·7	6·7	..	24	0	0	16	0	0	0	0	0
Titilagarh	86·1	..	92	31	75·4	..	72	8,25,26	10 61	22·15	..	3·70	3	20	..	4·1	3·0	..	23	0	0	3	0	0	0	0	0
Chota Nagpur.																											
Purulia	87·6	..	92	1,8	74·5	..	69	27	8·12	13·61	..	2·08	24	21	..	4·7	3·5	..	25	0	0	0	0	0	0	0	0
Jamshedpur	89·0	+0·1	94	1	78·5	+0·5	74	24	8·87	19·75	+4·34	6·66	24	19	+1·0	7·0	5·4	+1·4	25	0	0	9	0	0	0	0	0
Jamshedpur (P.B.O.)	88·0	..	92	31	77·4	..	72	2	8·51	18·06	..	6·75	24	20	..	6·7	5·6	..	26	0	0	16	0	0	0	0	0
Chaibasa	88·5	+0·2	92	1,31	77·3	+0·4	73	24	8·61	16·03	+3·79	4·40	24	18	+1·4	3·2	2·2	+0·1	20	0	0	8	0	0	0	0	0
Ranchi	84·1	+0·8	87	1,2,31	72·5	−0·3	68	24	7·99	16·66	+2·82	3·90	24	19	+0·4	5·7	4·0	−0·6	22	0	0	4	0	0	0	0	0

sion 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
ta Nagpur—*contd.*																												
aribagh	84·5	+0·5	89	1	73·4	+0·1	69	27	7·22	17·00	+3·79	4·71	24	24	+6·4	8·0	6·5	+0·6	28	0	0	15	0	0	0	0	0	0
aribagh (C.W.)	84·4	...	88	2,10,31	73·4	..	69	27	7·75	18·83	..	4·65	24	23	..	..	..	..	27	0	0	13	1	0	0	0	0	0
tonganj	88·8	+0·1	94	1	76·5	−0·4	73	29	3·80	15·44	+1·93	3·36	13	20	+3·6	5·3	3·9	+0·6	23	0	0	7	0	0	0	0	0	0
ar.																												
nea	90·3	+1·2	95	1,13	79·1	+0·6	74	27	1·96 (d)	7·53 (d)	−5·62	2·05 (d)	21	10	−6·2	5·7	3·7 (i)	+1·4	15	0	0	4	0	0	0	0	0	0
besganj	91·0	..	97	13	79·5	..	73	27	1·79	5·80	..	2·53	21	6	..	..	4·4	..	15	0	0	0	0	0	0	0	0	0
rbhanga	89·6	+0·5	96	1	80·2	+1·1	72	22	2·91	7·59	−5·92	1·62	20	11	−2·8	6·3	3·0	−0·2	14	0	0	1	0	0	0	0	0	0
tihari	92·0	+2·6	99	14,17	79·8	+1·5	75	26	2·97	8·34	−4·63	1·27	9	12	−1·2	2·7	3·0	−0·8	14	0	0	2	0	0	0	0	0	0
uzaffarpur	..	..	..	..	..	..	..	..	..	16·26	+3·70	3·20	9,10	13	−0·6	..	..	..	..	..	..	..	..	..	..	..	..	..
apra	..	..	..	..	..	..	..	..	..	9·09	−2·19	2·89	24	12	−1·4	..	..	..	..	..	..	..	..	..	..	..	..	..
rah	..	..	..	..	..	..	..	..	..	16·84	+4·27	5·00	22	15	+0·4	..	..	..	..	..	..	..	..	..	..	..	..	..
na	90·8	+1·7	96	14	80·2	+0·5	76	25	5·70	11·84	−1·25	3·88	24	15	+1·1	6·0	4·7	+0·8	19	0	0	2	0	0	0	0	0	0
na (Aerodrome)	90·3	..	95	2,13,14	79·8	..	75	25	4·92	17·58	..	3·74	24	18	..	6·8	4·4	..	19	0	0	9	0	0	0	0	0	0
hri	89·1	..	93	1,2,19	78·8	..	74	25	4·52	11·87	−1·35	2·28	22	16	+1·4	4·3	3·7	..	17	0	0	0	0	0	0	0	0	0
ya	90·3	+0·4	95	13	77·4	−0·8	73	24	3·95	10·79	−2·96	5·85	24	12	−3·7	9·1	7·4	+2·1	23	0	2	15	0	0	0	0	0	0
mui	90·2	..	94	13	79·1	..	74	25	2·89	7·58	..	1·10	19	13	..	6·4	3·5	..	22	0	0	0	0	0	0	0	0	0
mka	89·0	+0·5	95	7	76·0	−1·6	71	27	3·93	9·21	−3·73	2·12	20	21	+3·4	..	..	..	24	0	0	11	0	0	0	0	0	0
bour	90·1	+1·1	95	13	79·6	+0·4	77	4 days	3·46	8·92	−1·59	2·40	21	11	−4·0	7·2	5·1	−0·5	17	0	0	14	0	0	0	0	0	0
agalpur	91·0	..	97	13	79·3	..	76	24,27	2·64	8·65	..	2·12	21	10	..	6·4	4·6	..	16	0	0	13	0	0	0	0	0	0
P., East.																												
nda	90·6	+0·8	96	14	79·4	+0·9	75	25	4·19	17·22	+1·57	8·07	20	11	−2·5	5·6	3·4	−0·2	11	0	0	5	0	0	0	0	0	0
rakhpur	90·6	+1·0	99	14	80·4	+1·7	77	24	3·80	6·99	−6·76	2·63	22	10	−4·9	5·8	4·0	+2·0	12	0	0	0	0	0	0	0	0	0
amgarh	91·3	..	97	1,2	81·7	..	73	25	2·94	13·53	..	5·14	22	14	..	4·2	3·1	..	17	0	0	0	0	0	0	0	0	0
naras	90·7	+0·9	97	1,2	79·1	+0·6	75	5 days	5·80	18·56	+6·55	3·98	21	14	−0·9	6·7	5·1	+1·9	21	0	0	6	0	0	0	0	0	0
naras (Babatpur Aerodrome).	90·1	..	96	2	78·3	..	74	22,29	6·21	18·08	..	3·77	24	17	..	8·7	7·1	..	19	0	0	11	0	0	0	0	0	0
lahabad (Bamrauli)	88·1	−1·3	96	2	77·0	−1·5	70	23	12·72	36·01	+25·98	13·20	20	21	+6·3	4·8	4·7	+0·4	29	0	0	14	0	0	0	0	1	0
tehpur	89·2	−0·5	97	2	78·0	−0·5	71	24	3·37	17·68	+7·65	7·55	23	16	+1·6	6·6	3·9	+0·7	21	0	0	3	0	0	0	0	0	0
nda	89·5	..	97	2	77·9	..	73	26	6·17	16·44	..	4·15	20	19	..	2·5	1·6	..	19	0	0	0	0	0	0	0	0	0
ai	89·5	..	96	2	76·0 (b)	..	..	..	4·61	14·33	..	2·80	22	17	..	11·2	6·8	..	20	0	0	0	0	0	0	0	0	0
mpur	89·8	+0·1	96	2,18	78·5	−0·2	72	24	4·35	16·50	+5·30	7·26	23	14	+0·7	8·4	6·4	0	20	0	0	3	0	0	0	0	0	0
cknow	89·3	−1·2	96	2	79·6	+1·0	75	24	1·80	9·13	−2·37	2·70	22	15	+1·5	5·3	3·3	+1·4	17	0	0	3	0	0	0	0	0	0
cknow (Amausi Aerodrome).	89·8	−0·7	94	14,18	78·9	+1·2	73	25	1·42	7·48	−4·02	2·03	20	12	−1·7	6·5	4·7	..	18	0	0	7	0	0	0	0	0	0
rdoi	90·2	..	96	20	79·1	..	72	25	4·38	11·87	..	4·33	23	14	..	5·2	4·1	..	17	0	0	0	0	0	0	0	0	0
khimpur Kheri	91·2	..	96	17,19	78·5	..	74	26	1·78	6·90	..	3·66	29	9	..	2·1	1·4	..	18	0	0	0	0	0	0	0	0	0
braich	91·3	+1·2	97	14	79·6	+1·2	75	25	1·03	4·05	−8·74	0·97	22	11	−1·5	6·7	5·0	+2·5	11	0	0	2	0	0	0	0	0	0
P., West.																												
nsi	88·8	−0·5	96	2	76·8	−0·1	74	6 days	5·05	9 31	−2·28	1·78	31	12	−1·3	4·3	3·8	+0·3	18	0	0	0	0	0	0	0	0	0
ra	91·5	+0·1	99	15	77·7	−1·2	70	25,26	5·28	8·35	+0·24	1·92	29	14	+3·7	3·7	3·4	−0·3	16	0	0	0	0	0	0	0	0	0
inpuri	90·5	−1·3	97	18	78·5	0	72	25	2·82	4·83	−4·22	0·94	29	18	+7·5	4·2	2·5	+0·6	20	0	0	1	0	0	0	0	0	0
igarh	91·1	−0·4	99	18	78·4	+0·1	71	25,26	1·06	4·70	−3·23	0·96	24	11	+1·6	..	..	..	16	0	0	6	0	0	0	0	0	0
reilly	91·2	+1·0	97	18	78·4	+0·2	72	25	4·36	12·47	+0·87	2·64	23	11	−1·3	4·4	2·8	+1·0	15	0	0	0	0	0	0	0	0	0
erut	90·5	−0·6	97	18	77·6	−0·7	72	24	..	7·70	−1·10	2·95	12	12	+2·2	..	4·6	..	16	0	0	0	0	0	0	0	0	0
jibabad	89·3	..	97	18	77·5	..	74	25,26	1·61	2·99	..	0·97	9	8	..	6·2	4·3	..	10	0	0	0	0	0	0	0	0	0
orkee	90·4	+0·7	96	4 days	77·5	+0·4	72	4	4·02	9·68	−1·54	2·81	3	10	−1·8	4·7	3·4	+1·4	14	0	0	5	0	0	0	0	0	0
hraDun	85·9	+1·4	92	14	73·0	+0·3	70	26	8·96	19·98	−8·81	3·36	12	17	−4·3	2·7	1·8	+0·4	23	0	0	5	0	0	0	0	0	0
jab (I).																												
w Delhi	91·3	−1·2	98	18	78·5	−0·5	74	25,26	4·85	9·94	+2·71	2·92	12	10	+1·0	5·1	4·5	−1·0	13	0	0	6	0	0	0	0	0	0
aar	93·3	−3·0	100	21	78 6	−0·4	74	26	1·78	4·14	−0·73	1·32	13	8	+2·5	5·2	4·9	0	10	0	0	0	0	0	0	0	0	0
rnal	90·9	..	97	18,19	77·9	..	73	26	3·50	4·90	..	1·90	4	8	..	2·9	2·6	..	11	0	0	6	0	0	0	0	0	0
bala	92·4	−0·8	99	18	77·3	−0·7	73	4,26	3·23	10·36	+2·49	3·40	12	8	−1·0	4·5	3·9	+1·6	13	0	0	0	0	0	0	0	0	0
iala	92·4	...	101	17	77·6	..	74	25,26	7·18	9·30	−0·36	3·00	14	10	..	5 3	3·8	..	13	0	0	3	0	0	0	0	0	0
dhiana	94·8	−0·1	102	4 days	79·3	+0.1	71	4	1·26	1·73	−4·92	0·48	15	4	−3·3	0·9	0·2	−1·3	4	0	0	0	0	0	0	0	0	0
ozepur	93·5	..	99	2	78·5	..	73	4	5·36	10·52	..	4·60	3	6	..	2·3	1·4	..	8	0	0	8	0	0	0	0	0	0
ritsar	92·9	..	98	19,23	77·5	..	71	3,4	5·94	8·28	..	2·60	4	8	..	8·3	6·5	..	16	0	0	11	0	0	0	0	0	0
hankot	90 4	..	97	19	73·9	..	69	3,4	6·96	17·66	..	3·56	3	15	..	2·4	1·7	..	20	0	0	0	0	0	0	0	0	0
ir & Kashmir.																												
agar	84·2	−2·4	91	26	63·3	−0·1	57	24	1·19	3·60	+1·18	0·84	1,9	7	+1·7	1·2	1·5	−0·8	14	0	0	9	0	0	0	0	0	0
marg	65·6	−3·3	72	27	49·5	−2·1	43	24	..	7·58	+2·94	1·70	·5	12	+2·1	..	3·0	+0·3	17	0	0	10	0	0	0	0	0	0
marg	..	..	..	..	..	..	..	..	..	0·52	−3·10	0·12	31	1	−8·0	..	..	..	9	0	0	1	0	0	0	0	0	0

(d) Total for 27 days. (b) Mean of 29 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
Jammu & Kashmir—contd.																												
Dras (R)																												
Kargil (R)																												
Leh	75·4	−0·5	83	3	49·4	−0·3	45	27	0·40	0·53	−0·06	0·36	4	1	−0·9	3·7	3·7	+2·0	5	0	0	0	0	0	0	0	0	0
Skardu (R)																												
Gurez		..	..	..	..	..	..	..	..	4·26	+0·88	1·20	5	6	−1·4	..	..	..	..	..	..	..	..	..	..	..	..	..
Gilgit (R)																												
Misgar (R)																												
Jammu (R)																												
Rajasthan, West.																												
Sri Ganganagar	97·4	−2·5	102	5 days	80·5	+0·1	76	4,26	2·10	2·65	+0·60	0·81	19	6	+2·7	5·9	3·8	−2·1	8	0	0	0	0	1	0	0	0	0
Bikaner	95·0	−2·6	103	1,2,19	79·1	−1·3	75	30,31	2·85	5·16	+1·56	0·90	30	10	+5·1	7·0	5·9	−0·4	13	0	0	2	0	0	0	0	0	0
Jaisalmer	94·5	..	103	1	78·2	..	75	24	1·46	6·72	..	1·88	26	9	..	11·7	11·5	..	12	0	0	0	0	0	0	0	0	0
Jodhpur	91·2	−0·6	100	1	77·2	+0·2	73	22,28	1·18	7·53	+2·69	1·90	10	13	+7·1	7·3	5·9	−3·2	22	0	0	12	0	0	0	0	0	0
Phalodi	91·0	..	100	1,19	77·9	..	75	4 days	1·97	7·82	+4·65	2·85	10	11	+6·6	11·3	9·3	..	11	0	0	4	0	0	0	0	0	0
Barmer	92·0	−0·5	101	3	78·1	+1·2	72	26	2·20	8·03	+2·76	2·02	11	14	+8·2	7·1	6·5	+0·1	16	0	0	7	0	0	0	0	0	0
Rajasthan, East.																												
Sikar	89·5	..	97	1	75·9	..	70	29	5·74	10·82	..	1·65	7	13	..	6·7	5·8	..	16	0	0	1	0	0	0	0	0	0
Jaipur	87·8	−3·1	95	1	76·2	+0·3	71	23	4·61	8·79	+0·73	2·65	25	11	+0·8	7·2	5·2	+0·7	21	0	0	5	0	0	0	0	0	0
Jaipur (Sanganer Aerodrome).	88·0	..	95	1,2	75·4 (a)	..	66	23	5·55	10·32	..	2·46	25	12	..	8·9	7·0	..	15	0	0	8	0	0	0	0	0	0
Ajmer	85·5	−2·2	95	2	75·0	−1·0	..	..	7·79	12·35	+5·60	2·22	26	18	+9·6	6·9	5·8	+0·7	23	0	0	0	0	0	0	0	0	0
Kotah	89·8	+0·2	98	1	78·6	+0·9	74	27	3·96	6·35	−3·31	2·51	28	9	−1·4	3·5	2·7	−0·7	16	0	0	8	0	0	0	0	0	0
Jhalawar	87·7	+0·6	96	1	77·6	+2·6	73	31	5·90	7·88	−3·63	2·07	6	12	−1·3	7·2	5·9	+2·0	15	0	0	2	0	0	0	0	0	0
Udaipur	83·6	−1·9	89	1	72·7	−1·1	71	5 days	5·98	10·62	+3·61	1·56	6	21	+12·4	4·1	2·9	..	26	0	0	11	0	0	0	0	0	0
Madhya Bharat.																												
Gwalior (P.B.O.)	88 9	−0·6	94	2,14,18	77·1	−0·5	71	25	3·25	9·16	+0·09	1·99	28	14	+1·3	5·8	4·5	..	21	0	0	9	0	0	0	0	0	0
Sheopur Kalan	88·6	..	96	1	76·5	..	70	25	6·42	12·72	..	2·17	28	17	..	3·7	2·4	..	22	0	0	3	0	0	0	0	0	0
Guna	85·8	+0·5	92	1,2	74·1	+0·5	70	31	2·38	5·29	−10·16	0·91	19	12	−1·6	8·1	6·1	+0·2	20	0	0	12	0	0	0	0	0	0
Neemuch	84·4	−0·4	93	1	73·8	+1·0	72	5 days	3·26	9·19	+0·04	3·55	6	13	+3·0	9·1	8·1	+0·2	19	0	0	7	0	0	0	0	0	0
Ratlam	82·4	..	89	1	72·7	..	71	5 days	3·14	7·81	..	1·71	16	15	..	9·3	7·3	..	26	0	0	1	0	0	0	0	0	0
Indore	82·3	−0·3	88	1	71·4	+0·1	68	25,28	3·63	8·79	+0·64	2·01	5	10	−1·3	13·8	11·2	+1·6	18	0	0	3	0	0	0	0	0	0
Bhopal (Bairagarh)	84·1	+0·5	89	1	72·8	+0·2	70	26,31	4·93	12·94	+2·00	2·77	5	16	+1·2	12·4	10·3	+3·2	21	0	0	9	0	0	0	0	0	0
Vindhya Pradesh.																												
Nowgong	87·6	−0·5	95	2	76·4	−0·5	73	28	3·69	8·76	−4·33	2·77	28	15	+1·1	3·3	4·2	+1·7	22	0	0	8	0	0	0	0	0	0
Sutna	86·3	+0·3	94	2	76·2	0	73	22	4·99	11·30	−1·90	1·70	29	18	+2·9	6·3	5·0	+0·7	25	0	0	8	0	0	0	0	0	0
Umaria	85·3	+0·4	92	2	74·5	+0·1	71	18	9·95	27·95	+14·83	11·89	18	19	+3·0	5·2	4·2	+0·3	26	0	0	9	3	0	0	0	1	0
Madhya Pradesh. East.																												
Gondia	86·8	..	91	1	75·2	..	65	5	9·64	18·48	..	5·75	5	16	..	6·2	4·3	..	19	0	0	3	0	0	0	0	0	0
Pendra	82·3	+0·1	89	2,24	72·4	+0·5	69	4 days	6·89	25·48	+11·16	10·32	18	22	+3·6	6·3	4·9	+1·1	23	0	0	14	0	0	0	0	0	0
Raigarh	87·4	..	93	14	76·6	..	72	27,28	5·25	14·10	..	2·89	8	19	..	6·8	4·6	..	20	0	0	0	0	0	0	0	0	0
Ambikapur	83·6	..	89	14	73·2	..	70	27	3·46	10·70	..	1·75	9	18	..	8·9	6·5	..	24	0	0	2	0	0	0	0	0	0
Champa	86·9	..	94	31	76·8	..	73	5	4·65	22·60	..	6·75	9	13	..	7·5	6·0	..	19	0	0	10	0	0	0	0	0	0
Raipur	85·8	0	91	1,27	75·1	+0·3	69	28	5·15	15·82	+1·50	5·03	4	14	−1·5	7·1	5·3	−2·1	22	0	0	8	0	0	0	0	0	0
Kanker	82·7	−1·7	89	1	74·1	+0·4	71	4,28	10·74	25·10	+12·86	7·57	13	18	+2·8	9·1	6·7	+1·7	22	0	0	0	0	0	0	0	0	0
Chanda	87·1	−0·2	95	31	74·9	−0·3	72	4	5·07	22·36	+9·76	4·96	14	16	+1·2	4·8	5·7	+1·1	21	0	0	3	0	0	0	0	0	0
Sironcha	86·4	..	93	30	75·9	..	73	8 days	13·50	39·96	..	9·74	14	17	..	5·4	4·3	..	19	0	0	0	0	0	0	0	0	0
Jagdalpur (P.B.O.)	82·2	−0·7	89	30	71·8	+0·2	68	28	9·90	23·07	+6·79	4·52	13	24	+5·1	6·2	4·3	..	29	0	0	8	0	0	0	0	0	0
Madhya Pradesh, West.																												
Buldhana	81·4	..	85	8,26,30	70·1	..	67	24,26,27	2·52	7·40	..	1·45	5	13	..	9·8	9·2	..	20	0	0	0	0	0	0	0	0	0
Akola	86·2	−1·2	93	30	73·9	+0·2	70	28	1·79	6·97	+0·65	1·33	15	12	+2·9	11·1	7·9	+1·5	20	0	0	1	0	0	0	0	0	0
Amravati	84·9	−1·0	90	29,30	73·3	+0·2	71	27	4·86	11·11	+4·62	2·71	5	12	+2·2	12·4	9·9	+3·3	18	0	0	2	0	0	0	0	0	0
Yeotmal	84·3	..	91	30	70·8	..	69	6 days	5·70	14·24	..	3·00	5	13	..	..	..	..	16	0	0	0	0	0	0	0	0	0
Khandwa	83·6	−2·2	90	1,3,7	73·3	−0·7	69	24	5·00	13·71	+7·46	3·10	5	11	+1·1	10·8	7·8	+1·0	16	0	0	0	0	0	0	0	0	0
Hoshangabad	85·1	+0·6	92	1	74·5	0	72	24,26	5·67	16·70	+1·64	5·40	5	12	−3·7	4·9	3·5	+0·5	21	0	0	4	0	0	0	0	0	0
Sagar	84·0	+0·6	90	1	73·3	+0·7	71	4 days	4·45	11·34	−2·73	1·67	2	17	+1·4	9·2	8·5	−3·6	22	0	0	8	0	0	0	0	0	0
Jabalpur	85·9	+1·4	93	2	74·5	+0·9	71	25	3·40	10·49	−6·48	1·88	5	13	−4·4	6·1	4·7	+1·6	21	0	0	6	0	0	0	0	0	0
Mandla	84·6	..	88	1,2,17	73·4	..	71	5,26,28	4·20	13·93	..	2·40	17	20	..	4·8	3·1	..	25	0	0	12	0	0	0	0	0	0
Seoni	83·6	+0 9	88	1,26,28	72·6	+1·1	70	4 days	3·23	11·70	−1·61	6·08	5	16	−0·5	6·2	4·5	+0·7	26	0	0	3	0	0	0	0	0	0

(a) Mean of 30 days.

(R) Register not received

n 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
m Pradesh, —contd.																												
dwara	87·4	..	87	2	71·9	..	67	26	3·80	10·13	..	3·57	5	13	..	8·1	6·2	..	18	0	0	2	0	0	0	0	0	0
	80·7	..	86	31	70·9	..	68	24,26	5·72	20·13	..	5·03	4	12	..	7·2	5·8	..	23	0	0	1	0	0	0	0	0	0
ır	86·2	−1·1	91	28	74·4	−0·6	72	5 days	4·90	15·25	+3·83	5·53	5	13	−0·3	9·8	6·8	..	20	0	0	4	1	0	0	0	1	0
at.																												
	87·3	..	95	3	76·1	..	74	4 days	3·12	13·97	..	2·05	15	17	..	..	..	..	20	0	0	0	0	0	0	0	0	0
	84·8	−1·7	90	1	77·0	0	74	6,28	12·84	34·96	+27·51	5·38	18	20	+7·6	8·8	8·1	+2·2	27	0	0	1	0	0	0	0	0	0
dabad	86·2	−3·5	93	3	76·5	+0·5	75	5 days	9·65	18·66	+10·61	3·03	9	18	+7·0	6·2	5·8	+0·6	24	0	0	2	0	0	0	0	0	0
d	83·0	−2·3	90	3	73·8	−0·5	72	4.26,27	1·45	9·57	+2·60	2·05	17	18	+7·3	15·6	14·8	+6·9	24	0	0	1	0	0	0	0	0	0
la	86·3	−3·3	91	3,25	76·4	−0·2	73	11	8·91	23·37	+14·35	6·32	10	20	+10·3	5·9	4·7	−0·2	23	0	0	0	0	0	0	0	0	0
la (Aerodrome)	85·8	..	91	3	76·8	..	75	4 days	7·82	21·27	..	7·02	10	19	..	8·6	8·1	..	21	0	0	0	0	0	0	0	0	0
h	85·8	..	93	1	76·5	..	75	4 days	8·20	16·12	..	1·89	4	18	..	7·5	6·5	..	23	0	0	0	0	0	0	0	0	0
shtra and Kutch																												
	86·2	−2·2	90	4 days	77·2	+0·8	74	19,20	7·87	17·20	+14·27	2·73	19	14	+10·3	10·3	9·2	−1·1	14	0	0	4	0	0	0	0	0	0
(P.B.O.)	..	..	..	..	..	..	..	..	7·87	17·20	..	2·73	19	14	..	8·7	7·2	..	14	0	0	6	0	0	0	0	0	0
rka	84·5	−0·2	87	5 days	79·3	+0·7	75	7	3·93	14·06	+11·48	3·62	19	10	+6·2	18·2	17·1	+4·5	14	0	0	0	0	0	0	0	0	0
andar	84·3	..	87	15,31	78·9	..	76	19,20,28	6·69	14·38	..	2·62	5	12	..	15·2	13·2	..	14	0	0	0	0	0	0	0	0	0
nagar	87·3	−1·3	93	30	77·0	−0·7	75	26,27,30	14·72	33.93	+30·08	7·17	20	13	+7·8	..	..	..	20	0	0	2	0	0	0	0	0	0
ot	85·3	−3·5	90	3,30	75·3	+0·5	74	6 days	12·72	25·28	+20·18	6·59	20	14	+7·0	7·8	6·4	−3·8	17	0	0	1	0	0	0	0	0	0
ot (Aerodrome)	85·7	..	92	31	75·2	..	73	20,31	..	26·22	..	7·13	20	14	..	..	15·1	..	18	0	0	2	0	0	0	0	0	0
val	83·9	..	87	27,31	78·9	..	75	3	6·22	15·67	+12·06	4·34	3	14	+8·1	22·6	21·9	+10·9	22	0	0	0	0	0	0	5	0	0
uva	85·8	..	89	1,12,22	76·5	..	73	28	6·58	12·74	..	1·72	18	16	..	17·0	13·0	..	20	0	0	1	0	0	0	0	0	0
rmagar	88·0	−2·9	93	27	76·5	−0·1	73	31	6·40	10·40	+5·07	2·26	16	12	+4·7	10·6	8·5	+2·2	16	0	0	0	0	0	0	0	0	0
rmagar (Aerodrome).	88·7	..	94	9	77·1	..	74	28	..	10·44	..	2·52	16	13	..	..	15·0	..	14	0	0	1	0	0	0	2	0	0
tam.																												
anu	85·0	..	88	30	77·1	..	74	27	7·65	19·43	..	2·81	3	23	..	19·1	17·4	..	27	0	0	0	0	0	0	0	0	0
bay (Colaba)	84·8	−0·2	87	5 days	76·7	+0·6	75	5 days	4·02	12·99	−0·40	2·70	1	25	+6·0	10·7	10·3	+0·4	30	0	0	0	0	0	0	0	7	0
bay (Santacruz erodrome).	84·6	0	87	8,31	75·4	+0·2	73	24,27	4·60	18·89	+5·50	2·46	2	26	+7·0	13·0	11·2	..	31	0	0	0	0	0	0	0	8	0
ag	83·3	−0·6	86	27,31	76·6	−0·4	74	25,28	..	17·96	+1·52	4·52	1	25	+3·9	..	19·3	+4·6	31	0	0	0	0	0	0	0	0	0
nai	82·2	..	85	28	77·0	..	73	1	3·98	18·97	..	3·24	1	23	..	13·0	13·3	..	28	0	0	0	0	0	0	0	0	0
nagiri	83·0	..	86	27,31	75·5	..	72	28	8·29	21·41	..	3·82	1	26	..	..	..	..	30	0	0	0	0	0	0	0	0	0
gad	83·1	..	86	3,31	76·5	..	74	4 days	4·13	13·31	..	2·96	1	22	..	19·1	18·9	..	29	0	0	0	0	0	0	0	0	0
gurla	84·0	..	85	17 days	75·8	..	73	17,28	6·05	16·29	..	2·70	1	26	..	..	..	..	30	0	0	0	0	0	0	0	0	0
rmagao	82·4	+0·2	84	6 days	75·9	+0·9	73	28	2·97	10·30	−6·81	2·79	1	23	+1·8	16·3	16·2	+8·0	28	0	0	0	0	0	0	0	0	0
war	82·7	..	85	31	76·0	..	74	5 days	5·03	16·06	..	1·60	1	27	..	..	..	..	30	0	0	0	0	0	0	0	0	0
avar	82·5	..	85	5 days	74·9	..	73	5 days	8·57	27·19	+1·55	3·68	15	27	+1·7	4·8	4·3	..	31	0	0	0	0	0	0	0	0	0
an (Desh).																												
andala	..	..	..	..	..	..	..	..	..	64·03	+14·33	7·07	6	29	−0·3	..	..	..	31	0	0	0	0	0	0	0	0	0
gaon	87·5	..	93	31	73·9	..	70	24,27	2·95	7·36	+1·00	1·52	5	12	+0·7	12·1	8·6	..	19	0	0	0	0	0	0	0	0	0
legaon	86·3	−1·0	92	31	72·4	+0·5	68	26,28	1·14	3·12	+0·08	0·86	5	7	+1·7	9·3	6·8	−1·8	10	0	0	0	0	0	0	0	0	0
lali	78·8	..	85	1	70·5	..	67	27	..	8·84	..	1·72	16	16	..	..	11·7	..	21	0	0	0	0	0	0	0	0	0
mednagar	83·2	−2·1	90	29,31	70·0	+1·0	67	4 days	0·40	1·05	−1·67	0·16	16	4	−0·6	9·8	6·6	−2·2	14	0	0	0	0	0	0	0	0	0
na	81·9	+0·2	86	27,29,30	70·7	+0·2	67	25,27	1·54	4·36	+0·81	0·92	5	14	+5·7	5·8	4·4	−4·5	27	0	0	0	0	0	0	0	0	0
na (Lohagaon erodrome).	81·0	..	86	29,30	69·1	..	65	27	1·13	3·00	..	0·77	6	9	..	..	..	..	21	0	0	0	0	0	0	0	0	0
r	87·3	..	94	31	70·7	..	64	27	0·41	0·83	..	0·25	3	4	..	16·6	11·7	..	9	0	0	0	0	0	0	0	0	0
lapur	88·0	−0·8	95	30	71·5	+0·4	69	26,27	0·38	1·23	−3·05	0·34	16	5	−2·0	11·3	8·8	+0·1	8	0	0	0	0	0	0	0	0	0
raj	81·1	−1·0	87	30,31	70·1	+0·1	66	28,31	1·35	2·80	−1·91	0·51	12	11	+1·8	15·0	10·9	+1·7	19	0	0	0	0	0	0	0	0	0
lhapur	78·6	..	84	30,31	69·9	..	67	28	5·55	13·53	..	2·93	12	22	..	15·3	12·6	..	26	0	0	0	0	0	0	0	0	0
apur	84·3	−2·5	90	29,31	70·6	+0·6	68	26,28	0·60	0·95	−1·45	0·29	2	4	+0·3	11·7	9·5	+0·7	5	0	0	0	0	0	0	0	0	0
gaum	75·1	−1·4	81	31	67·4	+0·7	65	28	5·89	20 97	+11·33	2·27	1	25	+7·4	8·1	6·3	+1·0	28	0	0	0	0	0	0	0	0	0
gaum (Sambre erodrome).	77·2	..	83	31	67·7	..	64	28	2·95	10·03	..	1·06	12	22	..	21·9	18·8	..	27	0	0	0	0	0	0	0	0	0
dag	82·5	−1·2	90	30	69·7	+0·2	67	26	1·05	1·61	−2·47	0·56	16	6	−2·3	15·1	12·8	+2·5	13	0	0	0	0	0	0	0	0	0
erabad. North.																												
rangabad	83·1	−1·7	89	30	70·0	+0·4	66	24	2·52	4·61	−0·18	0·92	5	9	+0·1	14·4	11·0	+0·9	15	0	0	1	0	0	0	0	0	0
rangabad (Chikal-thana Aerodrome).	83·8	..	88	27,30	70·1	..	65	24	1·50	3·96	..	0·82	5	11	..	15·0	12·0	..	17	0	0	1	0	0	0	0	0	0
rbhani	86·1	..	92	27,29	72·3	..	68	26	3·19	7·27	+1·46	1·70	3	11	+2·0	11·1	7·5	..	18	0	0	1	0	0	0	0	0	0
magundam	87·1	..	97	30	75·9	..	71	15,16	4·96	19·19	..	3·52	13	15	..	5 9	4·8	..	18	0	0	0	0	0	0	0	0	0
zamabad	85·1	−1·7	93	30	73·0	0	69	15	3·97	13·22	+3·46	2·55	3	19	+5·2	6·7	5·8	+1·0	20	0	0	0	0	0	0	0	0	0
lar	82·6	−1·5	90	30	69·5	−0·5	67	23,25	1·53	4·18	−2·00	0·83	14	9	−1·4	15·0	13·3	+2·3	14	0	0	0	0	0	0	0	0	0

TABLE II—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER—AUGUST 1953.

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 wi								
	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	2
Hyderabad, South.																												
Gulbarga	87·4	−1·4	96	31	71·8	+0·3	69	6	3·01	5·04	−0·03	1·47	15	9	+1·3	16·2	12·7	+3·6	11	0	0	0	0	0	0	0	0	
Raichur	88·9	−1·0	97	31	73·3	+0·7	72	8 days	1·35	2·15	−2·24	0·67	8	7	−0·8	15·9	13·8	+4·2	14	0	0	3	0	0	0	0	0	
Mahbubnagar	85·3	..	94	31	72·2	..	70	6,15	1·81	6·72	..	1·13	15	15	..	11·6	10·3	..	19	0	0	0	0	0	0	0	0	
Hyderabad (Begumpet Aerodrome).	83·8	−1·4	91	30,31	71·6	+0·2	70	23,25	4·13	5·76	+0·47	1·85	15	10	+0·1	18·4	15·5	+5·3	15	0	0	2	0	0	0	0	0	
Hakimpet	82·9	..	91	31	70·2	..	69	6 days	1·38	4·05	..	1·57	12	9	..	..	..	..	15	0	0	2	0	0	0	0	0	
Hanamkonda	86·4	−0·3	94	30	74·9	−0·2	72	9	5·76	12·32	+5·34	2·85	13	15	+4·3	10·6	7·7	+1·7	15	0	0	1	0	0	0	0	0	
Bhadrachallam	87·7	..	94	27,31	76·1	..	72	13	4·63	11·52	..	2·27	13	16	..	8·4	5·8	..	17	0	0	0	0	0	0	0	0	
Khammameth	88·5	..	96	31	76·5	..	73	11,29	1·69	7·58	..	1·70	13	10	..	8·2	5·5	..	14	0	0	4	0	0	0	0	0	
Coastal Andhradesa.																												
Nellore	95·2	−0·8	100	6 days	79·3	−0·1	73	31	0·40	3·68	+0·66	1·20	6	6	+0·5	8·1	6·3	+0·8	12	0	0	1	0	0	0	1	0	
Ongole	93·4	..	100	31	79·2	..	74	27	0·26	1·93	..	0·49	12	7	..	10·9	7·2	..	9	0	0	0	0	0	0	0	0	
Gannavaram	90·1	..	96	25,27	77·3	..	73	10	2·92	6·45	..	2·34	9	12	..	14·3	10·7	..	18	0	0	7	0	0	0	1	0	
Masulipatam	89·4	−1·9	94	5 days	78·4	+0·5	74	10,27	0·68	10·30	+4·04	1·57	31	15	+4·8	9·5	8·2	+2·2	18	0	0	5	0	0	0	1	0	
Kakinada	88·2	−1·5	95	26,27,31	78·3	0	73	29	1·18	3·86	−1·70	0·76	1	10	+0·4	10·1	8·7	+3·3	14	0	0	0	0	0	0	0	0	
Visakhapatnam	90·2	−1·5	98	22	78·4	+0·2	74	28	1·23	4·80	−0·36	1·58	28	11	+2·8	13·7	10·0	+2·4	14	0	0	3	0	0	0	0	0	
Calingapatam	87·6	−2·4	93	22,31	77·6	−1·0	73	28	3·57	10·20	+3·40	1·85	28	15	+5·5	10·4	8·3	+2·2	18	0	0	5	0	0	0	0	0	
Rentachintala	91·4	−1·5	99	31	77·3	+1·1	73	31	0·71	5·64	+2·10	3·10	31	11	+3·2	10·5	8·7	+0·1	14	0	0	5	0	0	0	0	0	
Rayalaseema.																												
Arogyavaram	86·4	..	92	26	71·7	..	69	5,6	1·38	1·59	..	0·92	13	3	..	11·0	8·7	..	7	0	0	0	0	0	0	0	0	
Cuddapah	92·7	−2·0	99	6,7	78·3	+0·8	74	12	0	1·03	−4·21	0·45	27	4	−3·7	3·8	2·7	−3·9	5	0	0	0	0	0	0	0	0	
Bellary	87·8	−2·7	94	31	75·3	+1·4	71	28	0·29	0·35	−2·03	0·27	28	1	−3·0	11·1	10·0	+2·1	3	0	0	0	0	0	0	0	0	
Kurnool	88·8	−1·7	96	31	74·2	−0·1	70	24	1·28	3·72	−0·78	0·72	8	12	+3·4	17·7	13·8	+4·6	12	0	0	2	0	0	0	0	0	
Anantapur	90·6	..	95	4 days	75·1	..	71	28	1·36	1·51	−1·79	1·39	28	1	−3·8	11·3	12·6	..	5	0	0	1	0	0	0	0	0	
Tamilnad.																												
Palayamcottai	96·3	..	102	8	80·2	..	77	22,28	0	0·05	−0·61	0·05	26	0	−1·0	12·5	9·7	..	1	0	0	3	0	0	0	0	0	
Pamban	88·6	−0·5	92	18	80·3	+1·5	75	15,28	0	0·03	−0·56	0·03	26	0	−1·0	12·3	10·2	+2·1	1	0	0	0	0	0	0	0	0	
Mathurai	97·5	+2·3	101	7,22	77·5	+1·0	72	1,26,31	0	3·11	−0·97	2·26	31	3	−3·0	6·2	4·9	+1·1	4	0	0	5	0	0	0	0	0	
Nagapattinam	94·7	+0·6	99	5,6,21	79·2	+1·5	75	10	0·46	1·93	−1·12	1·70	10	2	−2·9	9·9	7·9	+2·7	4	0	0	0	0	0	0	0	0	
Tiruchirapalli	96·2	−0·2	100	20	78·3	+1·1	71	28	0·01	1·59	−2·24	0·80	28	4	−0·7	21·1	17·8	+2·6	5	0	0	6	0	0	0	0	0	
Coimbatore	84·2	−3·2	86	7,21	72·8	+1·8	68	20	0	0·84	−0·39	0·34	15	3	−0·1	13·0	11·4	+5·0	6	0	0	0	0	0	0	0	0	
Coimbatore (Peelamedu Aerodrome).	87·9	..	92	31	70·7	..	64	22	0·13	0·50	..	0·17	15	2	..	25·0	20·8	..	5	0	0	3	0	0	0	0	0	
Salem	92·3	0	96	22,26	74·7	+1·5	70	27	0·74	2·93	−3·64	1·93	27	4	−5·9	5·7	5·7	+2·0	8	0	0	6	0	0	0	0	0	
Kallakurichi	95·6	..	100	3 days	77·3	..	71	28	0·24	2·72	..	0·80	8	5	..	..	..	..	8	0	0	11	0	2	0	0	0	
Cuddalore	96·2	+2·0	101	21,22,23	79·1	+2·1	71	27	0·12	5·55	+0·75	4·26	27	7	−0·1	8·2	6·9	+2·7	10	0	0	3	0	0	0	0	0	
Vellore	94·3	+1·1	99	23	77·8	+1·4	72	27	0·21	2·98	−2·76	1·14	27	5	−2·4	9·3	7·0	+3·0	6	0	0	4	0	0	0	0	0	
Madras	95·6	+0·8	101	21,22	80·3	+0·5	73	27,28	0·54	2·40	−2·18	0·95	27	5	−2·9	15·2	11·5	+0·8	10	0	0	3	0	0	0	0	3	
Madras (Nungambakkam).	95·0	..	102	22	79·7	..	73	28	..	2·62	..	0·79	28	11	..	..	5·5	..	14	0	0	0	0	0	0	0	0	
Malabar & South Kanara.																												
Mangalore	84·8	+0·9	87	5,18	75·5	+1·3	72	1	3·89	14·11	−9·41	3·13	2	26	+0·9	6·3	6·3	+1·8	31	0	0	1	0	0	0	0	0	
Koshikode	85·8	+2·9	90	30	75·2	+0·9	72	1,2	2·17	10·03	−7·13	1·70	18	16	−3·3	7·8	6·5	+2·0	23	0	0	0	0	0	0	0	0	
Palghat	84·0	..	88	30,31	73·7	..	71	1,2	4·43	11·27	..	1·49	15	22	..	11·9	9·6	..	23	0	0	2	0	0	0	0	0	
Mysore.																												
Chitaldrug	80 8	−1·8	87	31	69·0	+0·5	67	25,26	0·36	0·72	−2·66	0·36	2	1	−6·4	11·4	9·3	+1·9	8	0	0	0	0	0	0	0	0	
Shimoga	80·0	..	85	30,31	70·1	..	67	26	3·83	8·20	..	1·96	15	21	..	5·9	4·4	..	26	0	0	0	0	0	0	0	0	
Hassan	76·0	−2·7	83	31	66·0	+0·7	65	8 days	1·03	4·81	+0·91	1·20	14	11	+1·8	11·9	9·7	+3·5	20	0	0	1	0	0	0	0	0	
Bangalore (Central Observatory).	81·3	−0·1	86	8,31	66·9	+1·3	65	4 days	0·73	1·73	−3·25	0·48	30	6	−3·3	12·9	10·5	+3·2	14	0	0	3	0	0	0	0	0	
Bangalore (Aerodrome).	82·3	..	87	4 days	66·5	..	63	5	0·69	1·74	..	0·82	30	4	..	..	..	..	13	0	0	0	0	0	0	0	0	
Mysore	81·5	−1·5	89	31	67·9 (a)	+1·1	66	5,7,25	0·54	0·77	−2·52	0·20	26	3	−4·0	13·2	9·7	+2·0	12	0	0	0	0	0	0	0	0	
Balehonnur	73·6	−0·4	81	31	65·7	+0·3	62	31	..	30·70	+7·30	5·66	15	26	+1·5	..	..	..	29	0	0	0	0	0	0	0	0	
Travancore-Cochin.																												
Fort Cochin	83·6	+1·2	86	29	75·7	+0·7	73	1,10,14	2·99	8·80	−5·09	1·57	1	15	−3·7	9·3	6·4	+2·2	21	0	0	1	0	0	0	0	1	
Cochin (Willingdon Island Aerodrome).	85·0	..	87	6,7,14	75·2	..	72	10,14	3·15	9·35	..	1·77	1	15	..	6·0	3·3	..	23	0	1	0	0	0	0	0	0	
Alleppey	85·7	..	88	15,16	75·0	..	72	1,21,29	1·46	7·72	..	1·60	1	14	..	8·8	7·7	..	22	0	0	0	0	0	0	1	0	
Trivandrum	85·9	+1·5	91	8,15	74·8	+0·9	70	1	0·74	2·95	−1·78	0·73	1	10	+0·2	10·7	7·5	+0·9	16	0	0	1	0	0	0	0	0	

(a) Mean of 30 days.

nd 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
tions exclud-shmir.																												
ia	77·8	..	86	1	67·2	..	65	6 days	7·77	15·72	..	4·02	26	23	..	3·4	2·8	..	25	0	0	0	23	0	0	0	0	0
	78·1	..	84	16,17	66·2	..	63	25	5·69	16·26	..	3·12	8	20	..	4·8	5·2	..	22	0	0	14	0	0	0	0	0	0
ig	76·0	+0·9	81	13,16	64·4	+0·4	61	30	7·54	14·59	+2·10	2·94	26	20	+1·5	3·9	2·9	+1·2	26	0	0	14	1	0	0	0	0	0
ipunji	74·5	+2·0	80	4 days	65·5	+0·2	63	28,29,30	9·40	48·27	−21·81	16·04	21	21	−5·2	7·0	6·3	+1·7	26	0	0	4	0	0	0	0	0	0
ng	68·0	+2·4	74	13,18,20	58·7	+1·0	56	28	5·38	20·59	−5·97	3·12	21	21	−2·7	5·2	5·7	+2·3	22	0	0	5	26	0	0	0	0	0
ng (Raj an)	69·0	..	76	13,19	60·3	..	58	24,26,28	6·35	21·45	..	3·70	27	20	..	1·5	1·7	..	24	0	0	0	27	0	0	0	0	0
ong	75·4	−0·1	78	13,14,15	68·5	+1·3	67	4 days	2·99	14·54	−5·34	3·13	21	19	−2·5	12·1	5·5	+0·2	20	0	0	0	6	0	0	0	0	0
ndu	84·6	+1·2	90	17	67·4	−0·9	63	28	1·43	8·08	−5·60	1·09	11	17	−3·8	1·4	0·7	−0·2	22	0	0	10	2	0	0	0	0	0
war (Kumaon)	69·2	+1·2	78	14	58·0	+0·6	54	28	5·67	10·61	+1·65	1·59	9	17	−0·9	7·7	7·1	+2·0	22	0	0	6	21	0	0	0	0	0
al	70·7	..	77	18	61·6	..	58	25,26,31	2·42	10·01	..	2·56	14	18	..	6·4	4·7	..	27	0	0	0	0	9	0	0	0	0
	48·5	..	51	9,10,11	40·8	..	39	8 days	..	19·79	..	1·50	13	27	..	..	..	..	..	..	..	..	..	..	..	..	..	..
a Chetty	..	..	..	..	..	..	..	..	..	19·37	..	3·00	9	18	..	..	..	..	..	..	..	..	..	..	..	..	..	..
ree	69·4	+1·2	77	14	59·4	−0·5	58	7 days	8·06	25·07	−2·27	8·87	12	19	−4·8	3·4	3·3	−0·3	24	0	0	7	28	0	0	0	0	0
li	..	..	..	..	..	..	..	..	..	22·05	..	2·65	9	25	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	..	..	..	..	..	..	..	..	..	22·02	..	3·95	11	24	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	68.6	+0·2	76	18,20	59·6	+0·4	56	25	9·87	20·27	+1·42	3·06	9	18	+8·3	1·5	1·3	−0·9	24	0	0	0	0	0	0	0	0	0
apore	..	..	..	..	..	..	..	..	..	13·14	+0·58	6·00	9	14	−2·5	..	..	..	..	..	..	..	..	..	..	..	..	..
g	..	..	..	..	..	..	..	..	..	5·60	+4·21	1·78	3	12	+8·2	..	..	..	..	..	..	..	..	..	..	..	..	..
	..	..	..	..	..	..	..	..	..	4·26	..	1·91	3	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	..	.	..	..	..	..	..	..	..	24·68	..	3·11	3	25	..	..	..	..	..	..	..	..	..	..	..	..	..	..
(R)	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
sie	72·7	..	78	6	60·9	..	55	3	5·28	23·38	+1·23	5·25	3	19	−2·5	1·9	1·6	..	24	0	0	0	15	0	0	0	0	0
ashala	79·9	..	85	18	68·7	..	65	4	14·62	34·41	..	5·58	9	20	..	4·3	2·9	..	24	0	0	16	0	0	0	0	0	0
arhi	75·1	+0·3	82	1	67·7	+0·8	65	26	12·06	33·58	+9·76	8·15	5	24	+2·1	5·1	4·9	−1·5	26	0	0	8	21	0	0	0	0	0
	72·2	+0·2	81	1	65·8	+1·4	62	26	13·37	41·55	+18·80	6·58	6	26	+8·6	5·1	6·7	−1·1	28	0	0	0	12	0	0	0	0	0
aleshwar	65·4	−0·2	69	29,30,31	61·6	+0·1	59	27,28	28·38	79·50	+6·39	7·82	16	·29	−0·8	13·2	13·8	+3·0	31	0	0	0	31	0	0	0	0	0
Hills	71·3	..	76	26	60·9	..	58	5	..	2·12	..	1·12	29	3	..	..	..	..	3	0	0	0	0	0	0	0	0	0
a	69·1	−0·1	75	30,31	63·0	+1·0	60	5	10·17	28·37	+1·57	4·18	1	25	−1·5	12·0	11·2	+4·8	27	0	0	0	0	0	0	0	0	0
anal	63·4	+0·7	68	7,22	52·7	+0·8	50	12	3·23	4·21	−2·79	1·06	24	8	−4·1	11·5	12·2	+3·6	16	0	0	4	0	0	0	6	0	0
mund	61·9	−0·9	66	4 days	52·1	+0·4	47	25	2·95	6·13	+0·44	0·98	16,29	9	−3·3	8·9	7·6	+2·3	17	0	0	0	0	0	0	0	0	0
r	69·6	−1·3	75	22	60·4	+2·6	55	6,24,30	..	2·42	−2·57	0·79	28	7	−2·1	..	6·1	+2·1	10	0	0	0	0	0	0	0	0	0
	..	..	..	..	..	..	..	..	..	4·36	..	0·34	15	17	..	..	..	..	..	..	..	..	..	..	..	..	..	..
hang	..	..	..	..	..	..	..	..	..	8·70	..	3·15	27	16	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	57·4	..	58	5 days	41·1	..	41	12 days	..	10·47	..	0·87	8	31	..	..	..	..	..	..	..	..	..	..	..	..	..	..
(Chumbi)	68·6	+3·9	72	17	..	..	..	..	..	3·75	−2·36	0·60	20	12	−5·4	..	..	..	14	0	0	0	2	0	0	0	0	0
	78·5	..	84	10	50·0	..	45	1	..	1·92	..	1·30	6	4	..	..	0	..	8	0	0	1	0	0	0	0	0	0
	75·2	+7·0	82	20	45·0	+0·8	40	13,23,30	..	1·07	−2·75	0·74	6	2	−7·8	..	·1·0	−1·2	8	0	0	0	0	0	0	0	0	0
o (R)																												
nalee (R)																												
oa (R)																												
ntota (R)																												
r (R)																												
METEORO-AL OBSER-IES.																												
Catchment																												
	87·8	..	93	1	76·8	..	72	27	13·43	20·15	..	4·21	24	24	..	5·9	4·4	..	29	0	0	21	0	0	0	0	0	0
bagh	83·2	..	87	4 days	72·9	..	69	27	6·68	16·92	..	4·58	24	20	..	6·7	5·3	..	24	0	0	14	1	0	0	0	0	0
	86·9	..	91	1,20	75·8	..	71	24	5·02	18·26	..	6·96	24	19	..	5·5	4·1	..	24	..	..	..	..	..	..	..	..	..
rh	87·4	..	93	19	75·6	..	70	27	14·21	24·26	..	6·69	24	22	..	3·2	2·1	..	27	..	..	..	..	..	..	..	..	..
id	88·5	..	95	1	76·8	..	71	27	8·41	21·50	..	2·90	22	19	..	7·9	6·7	..	23	0	0	17	0	0	0	0	0	0
	..	..	..	..	..	..	..	..	..	15·36	..	1·82	8	25	..	..	..	..	30	..	..	..	..	..	..	..	..	..
ar*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	..	..	..	..	..	..	..	..	..	16·77	..	3·00	24	18	..	..	..	..	21	..	..	.	..	..	..	..	..	..
tarh	..	..	..	..	..	..	..	..	..	16·60	..	5·60	23	19	..	..	..	..	24	..	..	..	..	..	..	..	..	..
i (Giridih)	..	..	..	..	..	..	..	..	..	14·84	..	2·98	24	19	..	..	..	..	28	..	..	..	..	..	..	..	..	..
wa	..	..	..	..	..	..	..	..	..	17·57	..	3·35	16	24	..	..	..	..	26	..	..	..	..	..	..	..	..	..
i (Chas Road)	..	..	..	..	..	..	..	..	..	15·52	..	2·20	30	17	..	..	..	..	27	..	..	..	..	..	..	..	..	.

* Data not available.

(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	
HYDROMETEOROLOGICAL OBSERVATORIES—*contd.*																												
Mahanadi Catchment																												
Baramul	87·1	..	93	7	76·7	..	73	28	5·96	20·36	..	8·03	3	20	..	2·3	2·3	..	24	..	..	..	..	..	..	..	..	
Hirakud	87·9	..	94	1	77·1	..	72	28	5·29	23·83	..	5·12	8	21	..	2·2	1·5	..	25	..	..	...	..	..	..	..	..	
Barkachhar	83·3	..	89	1	74·2	..	70	28	7·23	16·25	..	5·07	4	16	..	8·2	6·8	..	23	..	..	11	..	..	..	..	..	
Sonepur	87·1	..	92	1	76·9	..	74	8,9	..	29·19	..	7·40	12	19	..	..	5·8	..	22	..	..	..	..	..	..	..	..	
Ginabahar	85·7	..	90	12,14	73·6	..	70	25	..	18·46	..	2·54	11	24	..	..	..	..	27	..	..	..	..	..	..	..	..	
Ganga Catchment.																												
Tapoban	74·1	..	78	7 days	61·7	..	59	21,29	..	4·60	..	0·80	28	20	..	..	..	..	26	..	..	..	..	..	..	..	..	
Badrinath	67·3	..	70	5 days	51·3	..	47	31	..	8·97	..	0·85	9	21	..	..	..	..	25	..	..	..	..	..	..	..	..	
Narbada Catchment.																												
Punasa	85·2	..	91	3,31	73·7	..	71	5 days	4·90	12·74	..	2·61	16	14	..	9·1	7·6	.	19	..	..	5	..	..	..	..	..	
Bagra Tawa	85·0	..	91	1,2	74·9	..	72	24,26	4·73	13·58	..	2·50	5	15	..	6·5	5·7	..	24	..	..	5	..	..	..	..	..	
Thikri	86·7	..	97	1	74·3	..	71	24,27,28	..	9·82	..	3·60	13	13	..	..	..	..	21	..	..	..	..	..	..	..	..	
Tapti Catchment.																												
Nandurbar	86·0	..	90	8,30	74·5	..	72	5 days	..	5·94	..	1·27	6	14	..	..	..	..	23	..	..	..	..	..	..	..	..	
Sabarmati Catchment																												
Jhadol	82·7	..	89	1	73·7	..	71	24,27	..	13·53	..	2·30	4	22	..	..	..	..	23	..	..	..	..	..	..	..	..	
Dharoi	86·7	..	93	1,3	76·1	..	75	9 days	..	22·03	..	3·55	3	21	..	..		..	25	..	..	..	..	..	..	..	..	

vision 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, miles per hour.	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
ands.																										
Island	0830	108	1007·0	1003·3	..	81·8	78·5	77·1	31·5	86	..	7·3	..	20·0	1	25	5	2	0	0	0	11	12	3	3	0
	1730	"	1005·0	1001·3	..	81·3	78·1	76·5	31·7	85	..	7·5	..	21·0	0	25	6	0	0	0	0	8	17	4	2	0
Bandar	0830	76	1008·5	1005·9	..	81·7	78·4	77·1	31·4	86	..	6·7	..	11·8	0	17	10	0	0	0	0	0	19	7	1	4
	1730	"	1006·6	1003·9	..	80·7	77·6	76·3	30·7	87	..	6·5	..	10·3	0	12	16	0	0	0	0	0	19	9	0	3
Island	0830	110	1008·8	1005·1	..	82·7	78·6	77·0	31·7	83	..	5·8	..	3·5	0	0	30	0	0	0	0	10	19	1	0	1
	1730	"	1006·5	1002·7	..	81·1	77·7	76·0	30·7	84	..	5·5	..	3·4	0	0	31	0	0	1	2	5	21	1	1	0
llair	0530	259	1007·8	998·9	..	77·9	75·8	74·6	29·6	91	..	7·3	..	12·3	0	12	19	0	0	0	0	0	25	6	0	0
	0830	"	1009·1	1000·2	+0·6	81·6	77·7	76·0	30·5	84	0	7·2	+0·6	16·1	0	18	13	0	0	0	0	0	22	8	1	0
	1130	"	1008·1	999·3	..	83·4	78·2	76·0	30·9	78	..	7·2	..	20·1	0	23	8	0	0	0	0	1	22	7	1	0
	1730	"	1007·2	998·3	..	79·7	77·0	75·7	30·8	88	..	7·1	..	15·6	0	17	14	0	0	0	0	0	23	8	0	0
	2330	"	1008·5	999·6	..	78·2	76·2	75·3	31·5	91	..	7·0	..	14·1	0	13	17	0	0	0	0	0	23	7	0	1
il	0830	30	1010·7	1009·7	..	82·6	77·8	75·8	30·1	80	..	6·2	..	6·5	0	0	30	0	4	13	12	0	0	1	0	1
	1730	"	1008·7	1007·7	..	80·8	76·9	75·3	29·7	84	..	5·9	..	5·7	0	0	23	0	4	5	14	0	0	0	0	8
icobar	0830	33	1010·1	1008·9	..	83·2	78·5	77·3	31·5	83	..	6·2	..	3·7	0	0	29	0	0	0	0	1	28	0	0	2
	1730	"	1008·6	1007·4	..	80·8	77·6	76·5	31·2	87	..	5·4	..	3·2	0	0	27	0	0	0	1	0	26	0	0	4
wry	0830	70	1010·3	1007·9	..	81·9	77·4	75·4	30·1	80	..	6·5	..	11·4	0	12	19	0	0	0	0	5	19	6	1	0
	1730	"	1008·4	1006·0	..	80·6	76·9	75·2	30·2	84	..	6·5	..	9·0	0	6	25	0	0	0	0	4	23	4	0	0
garh	0830	345	1004·2	992·3	−0·2	82·7	79·5	79·1	33·3	87	0	5·8	−0·5	1·5	0	0	23	3	6	5	0	1	4	0	4	8
	1730	"	999·7	988·0	..	87·2	82·4	80·5	35·3	82	..	3·2	..	0·5	0	0	8	0	2	2	0	1	1	0	2	23
garh (Mohanbari Aerodrome).	0230	364	1002·1	989·7	..	79·0	77·5	76·9	31·5	93	..	5·7	..	1·2	0	0	12	0	4	1	0	4	3	0	0	19
	0530	"	1003·1	990·6	..	79·1	77·3	76·4	30·9	92	..	6·5	..	0·9	0	0	12	0	7	2	0	3	0	0	0	19
	0830	"	1004·1	991·7	..	83·5	78·4	77·2	31·0	82	..	6·5	..	2·1	0	0	23	1	10	5	3	2	1	0	1	8
	1130	"	1002·7	990·4	..	89·1	80·5	77·7	31·8	75	..	6·0	..	2·6	0	0	24	1	12	5	0	2	1	3	0	7
	1730	"	999·6	987·2	..	87·6	81·0	78·2	33·3	74	..	4·4	..	0·7	0	0	10	2	4	1	0	2	0	0	1	21
	2330	"	1002·4	989·9	..	81·0	78·7	77·8	32·2	90	..	5·0	..	0·6	0	0	18	0	4	0	0	1	2	0	1	23
ar	0830	317	1004·0	993·2	−0·2	84·5	80·4	78·9	33·7	84	−2	6·7	−0·3	2·5	0	0	30	10	8	0	1	4	4	2	1	1
	1730	"	999·5	988·8	..	87·7	81·7	79·7	34·2	78	..	4·3	..	2·1	0	0	26	6	8	1	0	1	2	0	8	5
r	0830	258	1003·8	995·0	−0·5	83·2	80·0	78·6	33·8	87	0	4·3	−2·2	1·2	0	0	18	0	0	16	1	1	0	0	0	13
	1730	"	999·3	990·7	..	87·7	81·8	79·5	34·2	77	..	3·6	..	0·8	0	0	12	0	1	7	2	2	0	0	0	19
r (P.B.O.)	0230	257	1001·9	993·0	..	80·3	78·8	78·4	32·9	94	..	6·3	..	3·2	0	1	18	2	4	3	1	2	5	1	1	12
	0530	"	1002·9	994·0	..	79·7	78·3	77·6	32·3	93	..	5·9	..	1·7	0	0	16	2	6	2	0	2	4	0	0	15
	0830	"	1003·8	995·0	..	85·6	79·9	78·1	31·0	85	..	5·5	..	3·0	0	0	27	1	6	9	2	4	2	2	1	4
	1130	"	1002·7	994·0	..	88·1	81·0	77·7	33·0	72	..	4·7	..	3·5	0	0	30	1	5	8	7	3	5	1	0	1
	1730	"	999·9	991·2	..	86·6	81·5	79·4	34·6	82	..	4·8	..	1·5	0	0	18	2	4	3	3	1	4	0	1	13
	2330	"	1002·5	993·7	..	81·1	79·4	78·7	33·8	92	..	5·0	..	1·2	0	0	14	6	0	3	1	1	0	3	0	17
ti	0830	182	1003·4	997·2	0	85·3	80·5	78·6	33·1	81	−2	5·3	−0·8	1·9	0	0	29	3	5	3	9	3	3	2	1	2
	1730	"	999·0	992·8	..	86·8	80·8	78·4	33·2	77	..	5·3	..	1·9	0	0	28	2	5	2	4	2	11	2	0	3
ti (Kaikuchi Aerodrome).	0230	162	1001·2	995·6	..	80·3	79·2	79·0	33·7	95	..	5·2	..	1·3	0	0	14	0	1	1	1	8	3	0	0	17
	0530	,,	1001·9	996·3	..	79·7	78·4	77·9	32·3	93	..	6·3	..	1·1	0	0	9	0	3	1	0	1	4	0	0	22
	0830	"	1002·9	997·4	..	85·2	80·6	78·7	33·7	81	..	5·8	..	4·4	0	0	28	3	15	3	2	2	1	0	2	3
	1130	"	1001·7	996·2	..	89·2	82·0	79·2	34·4	73	..	5·2	..	6·1	0	1	27	5	12	2	0	0	1	2	6	3
	1730	"	999·3	993·8	..	85·1	80·7	79·0	33·6	82	..	5·3	..	3·2	0	0	22	0	6	0	0	6	10	0	0	9
	2330	"	1002·2	996·6	..	81·2	79·8	79·3	32·9	90	..	5·3	..	1·4	0	0	12	0	3	0	0	7	2	0	0	19
i	0830	115	1003·6	999·7	+0·2	84·5	80·5	79·0	33·7	83	−2	5·2	−0·6	5·2	0	2	26	9	0	12	3	3	0	0	1	3
	1730	"	1000·5	996·6	..	84·7	80·8	79·4	34·0	84	..	5·8	..	3·3	0	1	24	2	1	7	3	8	2	2	0	6
r	0830	96	1003·8	1000·5	−0·8	84·3	79·4	77·3	31·9	80	−6	4·4	−2·0	0·8	0	0	12	1	3	3	3	1	0	0	1	19
	1730	"	1000·1	996·8	..	86·4	80·3	77·7	32·7	76	..	4·9	..	0·7	0	0	10	0	1	1	0	1	3	3	1	21
	0830	1215	1003·5	962·5	..	79·5	76·4	74·8	29·8	86	..	6·9	..	2·1	0	0	18	0	2	3	1	1	2	6	3	13
	1730	"	1000·4	959·6	..	80·7	78·3	77·4	31·9	90	..	7·0	..	1·7	0	0	9	0	1	1	4	1	2	0	0	22
ling	0830	488	1003·9	987·3	..	84·0	79·7	77·4	32·4	82	−1	3·7	..	1·0	0	0	11	0	2	2	4	1	1	0	1	20
	1730	"	1000·0	983·6	..	88·4	83·5	81·5	36·8	81	..	4·4	..	1·0	0	0	12	0	1	0	2	2	2	1	4	19
ala	0230	52	1001·4	999·6	..	78·2	77·4	76·9	31·5	96	..	5·8	..	4·5	0	0	16	1	1	3	5	6	0	0	0	6
	0530	"	1001·3	999·5	..	77·6	76·6	76·0	30·9	96	..	6·2	..	5·6	0	0	25	0	3	5	11	6	0	0	0	6
	0830	"	1002·3	1000·5	..	83·2	79·1	77·5	32·2	84	..	6·6	..	8·9	0	6	23	1	0	7	13	7	0	1	0	2
	1130	"	1001·7	1000·0	..	86·9	80·9	78·3	33·4	76	..	6·4	..	7·9	0	5	20	1	0	2	12	5	2	1	2	6
	1730	"	999·3	997·5	..	83·5	79·8	77·7	33·4	84	..	6·7	..	6·6	0	3	21	1	0	1	8	10	1	1	2	7
	2330	"	1002·3	1000·5	..	79·3	78·1	77·6	32·6	95	..	6·3	..	4·1	0	0	14	0	0	2	6	5	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.			Mean temperature in °F.			Vapour pressure in mbs.	Relative humidity %.	Departure from normal.	Cloud amount (Oktas).		Mean wind speed, miles per hour.	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
Assam—*contd.*																										
Imphal	0830	2628	897·0	918·0	..	79·0	74·7	73·0	27·3	82	..	6·3	..	3·0	0	0	25	0	1	19	3	1	0	1	0	6
	1130	"	896·0	917·0	..	82·4	76·3	74·0	28·3	77	..	6·5	..	5·2	0	0	29	2	2	21	3	0	1	0	0	2
	1730	"	893·7	914·5	..	80·7	74·8	72·6	26·9	77	..	6·1	..	2·5	0	0	22	0	0	3	10	4	5	0	0	9
West Bengal.																										
Dum Dum	0230	33	999·4	998·3	..	80·6	78·3	77·3	31·8	90	..	6·2	..	6·0	0	4	17	1	6	3	3	2	4	1	1	10
	0530	"	999·6	998·5	..	80·1	78·1	77·2	32·0	91	..	6·8	..	5·9	0	3	23	1	7	6	3	3	5	0	1	5
	0830	"	1001·2	1000·1	..	84·2	79·2	77·0	31·8	79	..	7·1	..	7·5	0	8	19	0	3	9	7	1	4	2	1	4
	1130	"	1000·6	999·5	..	87·5	79·6	76·7	31·0	75	..	3·7	..	9·0	0	4	24	0	0	14	4	3	2	2	3	3
	1730	"	998·2	997·1	..	84·6	79·7	77·5	32·3	80	..	6·9	..	8·4	0	4	22	0	1	7	8	7	2	0	1	5
	2330	"	1000.7	999·8	..	81·7	79·0	77.8	33·0	88	..	6·0	..	6·5	0	3	24	1	0	6	6	7	6	1	0	4
Calcutta	0830	21	1001·3	1000·6	−0·7	83·1	80·2	79·0	33·7	88	+3	6·6	−0·1	4·2	0	1	25	0	8	4	3	0	8	2	1	5
	1130	"	1000·5	999·8	..	87·8	81·5	78·9	33·6	76	..	6·3	..	5·1	0	0	28	0	6	7	5	1	6	2	1	3
	1730	"	998·3	997·6	..	84·5	80·4	78·6	33·8	83	..	7·0	..	4·5	0	0	27	1	3	4	7	7	4	1	0	4
Barrackpore	0530	23	999·9	999·1	..	80·5	78·8	78·6	33·1	93	..	6·8	..	4·0	0	0	24	1	5	7	4	2	3	2	0	7
	0830	"	1001·3	1000·6	..	84·5	80·6	79·3	33·7	85	..	6·8	..	6·3	0	1	29	1	6	8	3	2	5	4	1	1
	1130	"	1000·7	999·9	..	88·0	81·8	79·5	34·6	77	..	6·6	..	7·4	0	3	28	2	2	13	3	0	5	4	2	0
	1730	"	998·3	997·6	..	85·3	80·3	78·6	33·1	82	..	6·6	..	5·9	0	1	29	1	1	7	11	4	4	1	1	1
	2330	"	1001·0	1000·2	..	81·9	79·5	78·7	33·2	90	..	5·6	..	4·9	0	0	28	0	2	5	6	6	5	2	2	3
Saugor Island	0830	10	1000·6	1000·3	−1·1	82·8	79·7	78·3	33·4	86	+2	6·7	−0·1	15·2	0	15	16	2	6	3	3	4	8	4	1	0
	1730	"	998·1	997·8	..	83·8	80·0	79·4	33·0	84	..	6·8	..	15 2	0	16	12	0	1	2	9	4	8	4	0	3
Sandheads	0530	32	998·6	997·5	..	82·4	79·9	79·1	33·7	89	..	7·3	..	13·2	1	12	16	1	3	1	2	3	16	2	1	2
	0830	"	1000·0	998·9	−2·2	83·5	80·1	78·6	33·4	85	+2	7·0	+1·2	12·1	0	15	16	1	3	5	1	2	13	5	1	0
	1130	"	999·7	998·6	..	84·0	80·3	78·7	34·0	84	..	7·4	..	12·7	1	11	18	1	4	3	3	4	12	2	1	1
	1730	"	998·0	996·9	..	84·1	80·3	78·6	34·2	84	..	6·7	..	11·6	0	12	19	0	1	3	3	3	17	3	1	0
	2330	"	999·9	998·8	..	83·2	80·4	79·0	33·8	87	..	5·5	..	13·2	0	14	17	0	1	1	2	6	17	3	1	0
Midnapore	0830	149	1000·9	995·9	−0·8	83·2	80·3	79·2	33·8	88	+5	5·9	+0·2	3·1	0	1	20	6	4	4	1	1	0	5	0	10
	1730	"	998·1	992·9	..	85·0	80·5	78·9	33·5	83	..	6·3	..	1·6	0	0	18	0	3	1	2	9	3	0	0	13
Contai	0830	35	999·7	998·5	..	83·0	80.7	79·5	34·4	89	..	5·9	..	3·5	0	2	23	1	4	4	2	6	6	2	0	6
	1730	"	998·1	996·9	..	84·2	81·4	80·2	35·0	88	..	5·7	..	4·4 (a)	0	3	24	1	0	1	8	10	3	2	2	5
Burdwan	0830	106	1000·9	997·3	−1·0	82·8	79·7	78·3	33·4	86	+2	..	..	2·6	0	0	31	0	4	7	8	2	10	0	0	0
	1730	"	997·7	994·1	..	85·9	80·7	78·5	33·0	79	..	..	..	2·9	0	0	30	0	1	6	11	2	9	1	0	1
Krishnagar	0830	40	1002·0	1000·3	−0·5	83·3	80·2	79·3	34.0	87	+3	5·8	+0·4	2·3	0	0	25	1	2	10	4	7	1	0	0	6
	1730	"	998·9	997·3	..	85·6	81·0	79·4	34·2	82	..	5·8	..	1·8	0	0	22	0	2	8	4	8	0	0	0	9
Asansol	0230	414	999·5	985·4	..	79·1	77·8	77·3	31·6	94	..	6·2	..	3·1	0	0	23	1	2	6	3	1	1	5	4	8
	0530	"	999·7	985·4	..	79·0	77·6	77·0	31·5	95	..	6·0	..	2·2	0	0	17	1	2	7	1	0	2	1	3	14
	0830	"	1001·2	987·1	−0·2	82·0	79·0	77·6	32·5	87	+2	6·8	+0·2	3·0	0	0	19	1	4	5	2	1	3	2	1	12
	1130	"	1000·8	986·8	..	85·6	80·3	78·2	32·6	78	..	6·7	..	4·3	0	0	26	2	3	9	2	0	2	3	5	5
	1730	"	997·8	983·9	..	83·9	79·6	77·6	32·3	82	..	6·7	..	4·1	0	0	23	0	1	14	4	0	1	3	0	3
	2330	"	1000·9	986·8	..	80·3	78·9	78·4	32·9	94	..	5·9	..	2·5	0	1	15	0	2	9	3	0	0	2	0	15
Berhampore	0830	62	1001·5	999·4	−0·6	84·2	80·3	78·8	33·4	84	−1	6·8	+0·2	3·0	0	0	26	1	3	13	2	4	1	1	1	5
	1730	"	998·3	996·2	..	86·3	80·9	78·6	33·4	78	..	6·4	..	3·1	0	0	24	0	4	13	2	3	2	0	0	7
Malda	0830	103	1002·0	998·5	−0·5	84·6	80·1	78·1	33·1	81	−2	6·2	+0·6	5·7	0	0	30	0	5	12	4	5	2	2	0	1
	1730	"	998·8	995·3	..	86·5	80·7	78·5	32·8	78	..	5·2	..	4·5	0	0	29	1	3	9	8	4	3	0	1	2
Cooch Behar	0830	145	1004·0	999·1	..	84·1	79·6	77·5	32·5	82	..	6·3	..	2·1	0	0	26	0	2	8	9	5	1	0	1	5
	1730	"	1000·9	996·0	..	85·8	81·6	80·1	35·3	83	..	6·0	..	1·9	0	0	21	0	0	9	7	4	1	0	0	19
Jalpaiguri	0830	271	1003·1	993.8	−0·1	82·5	78·5	76·7	31·4	83	−4	5·6	+0·6	4·7	0	0	29	2	11	12	1	2	1	0	0	2
	1730	"	999·6	990.5	..	86·9	80·0	77·0	31·7	74	..	5·5	..	4·6	0	0	29	0	5	8	8	3	2	1	2	2
Bagdogra	0530	416	1001·4	987·1	..	78·2	76·6	76·0	30·7	93	..	6·4	..	2·0	0	0	14	2	5	5	0	0	0	1	1	17
	0830	"	1002·7	988·5	..	84·0	79·0	76·8	31·5	80	..	6·1	..	4·3	0	0	27	0	10	11	3	0	2	1	0	4
	1130	"	1001·9	987·9	..	87·4	80·3	79·6	32·2	73	..	6·2	..	4·6	0	0	29	0	5	13	7	2	1	1	0	4
	1730	"	999·2	985·1	..	86·1	80·2	77·1	32·4	77	..	5·7	..	3·9	0	1	24	2	8	8	1	3	1	1	1	3
Orissa.																										
Balasore	0830	65	1000·7	998·5	−1·0	83·3	79·6	78·0	33·2	84	+1	7·6	+1·8	5·2	0	2	23	4	4	1	2	4	7	1	2	6
	1730	"	997·9	995·7	..	83·7	79·8	78·0	32·8	83	..	7·3	..	5·4	0	2	24	1	1	2	3	6	9	3	1	5
Chandbali	0830	20	1001·4	1000·7	−0·8	82·8	80·3	79·5	34·2	86	+3	4·8	+1·3	2·4	0	0	30	1	2	0	1	0	12	2	12	1
	1730	"	998·1	997·4	..	83·6	79·6	78·5	32·7	83	..	5·4	..	3·9	0	0	29	1	3	0	7	5	7	2	4	2

(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, miles per hour.	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
—*contd.*																										
. . . . .	0830	20	1002·0	1001·3	−0·3	83·5	79·5	77·7	32·6	83	+1	6·8	+1·2	12·4	0	14	17	4	1	0	0	0	15	8	3	0
	1730	"	998·9	998·2	..	83·9	80·0	78·3	33·1	84	..	6·6	..	15·9	0	20	11	0	0	1	2	5	17	5	1	0
aneswar	0530	150	999·9	994·7	..	78·9	77·5	76·8	31·4	93	..	6·4	..	4·6	0	1	25	2	0	0	0	0	13	9	2	5
	0830	"	1001·3	996·1	..	82·1	78·8	77·5	31·8	87	..	6·6	..	8·7	0	4	26	2	3	0	0	1	10	11	3	1
	1130	"	1000·8	995·6	..	85·1	79·6	77·1	32·0	78	..	6·9	..	11·3	0	11	20	1	3	1	0	1	10	11	4	0
	1730	"	998·8	993·6	..	83·3	79·1	77·3	32·4	83	..	7·0	..	10·7	0	10	21	1	2	1	0	3	13	10	1	0
	2330	"	1000·8	995·6	..	80·2	78·0	77·0	32·1	90	..	6·0	..	6·7	0	3	25	0	1	0	0	0	13	11	3	3
ck	0830	87	1001·3	998·3	−1·1	82·0	78·3	77·0	31·7	84	+3	6·8	+0·8	1·7	0	0	15	0	2	0	0	2	1	4	6	16
	1730	"	998·1	995·1	..	84·1	79·2	77·1	31·7	80	..	7·0	..	1·5	0	0	9	1	2	0	0	1	2	0	3	22
ck (P. B. O.) . . .	0230	87	999·3	996·5	..	80·7	78·4	77·6	31·9	91	..	6·6	..	2·5	0	0	18	0	3	0	0	1	5	5	4	13
	0530	"	999·8	996·9	..	80·2	78·0	77·5	32·1	91	..	7·0	..	1·4	0	0	14	0	1	0	1	1	5	1	5	17
	0830	"	1001·3	998·4	..	83·2	79·6	78·2	33·0	84	..	6·8	..	2·7	0	0	27	3	1	1	1	1	11	1	8	4
	1130	"	1000·7	997·9	..	85·9	80·5	78·8	33·0	80	..	6·9	..	3·2	0	0	31	1	6	0	1	3	14	1	5	0
	1730	"	998·4	995·5	..	84·3	79·9	79·0	32·7	82	..	7·2	..	2·8	0	0	23	0	3	0	1	3	10	3	3	8
	2330	"	1000·7	997·8	..	81·3	78·6	77·9	32·5	90	..	5·7	..	2·1	0	0	20	1	1	0	2	2	7	1	6	11
lpur	0530	56	1000·5	998·6	..	79·9	77·4	76·3	31·0	89	..	7·0	..	6·0	0	6	17	3	0	0	0	1	17	1	1	8
	0830	"	1002·1	1000·2	−0·4	82·4	78·6	76·8	31·3	84	+3	6·6	+1·6	6·6	0	3	24	4	2	0	0	2	15	1	3	4
	1130	"	1001·7	999·8	..	85·6	80·2	78·0	34·2	78	..	6·6	..	7·5	0	4	22	1	1	1	2	6	12	2	1	5
	1730	"	999·4	997·5	..	82·9	79·4	77·7	31·9	85	..	7·2	..	9·9	0	9	18	0	0	0	1	8	12	4	2	4
	2330	"	1001·6	999·7	..	80·7	78·3	77·4	31·9	90	..	6·0	..	6·3	0	4	22	3	0	0	0	3	13	3	4	5
put	0830	2,996	894·9	904·1	..	70·7	69·3	68·5	23·8	93	..	7·1	..	6·2	0	0	31	1	1	0	0	0	6	15	8	0
	1730	"	892·9	902·1	..	72·4	69·9	68·6	24·0	89	..	7·1	..	6·7	0	0	31	3	0	0	0	0	3	14	11	0
l	0830	455	1001·5	986·0	−0·5	80·5	76·8	75·2	30·1	84	+3	7·2	+1·2	5·4	0	2	23	2	0	1	2	2	4	9	5	6
	1730	"	998·7	983·3	..	82·6	77·6	75·5	30·1	80	..	7·6	..	4·8	0	1	27	0	2	0	1	2	11	8	4	3
alpur	0830	486	1000·9	984·4	−1·2	80·2	77·7	76·4	31·3	89	+4	7·2	+0·6	5·0	0	0	29	1	2	3	0	5	12	4	2	2
	1730	"	998·7	982·3	..	82·1	78·3	76·7	31·0	84	..	7·3	..	3·1	0	0	29	2	2	0	0	4	8	6	7	2
uguda	0230	726	999·6	973·9	..	77·7	76·5	75·7	31·0	95	..	6·8	..	4·2	0	2	24	2	2	2	1	6	8	4	1	5
	0530	"	999·9	974·2	..	76·8	75·6	75·0	30·0	95	..	7·2	..	3·5	0	0	25	2	1	2	1	5	7	6	1	6
	0830	"	1001·3	975·7	..	79·7	77·0	75·7	30·8	87	..	7·0	..	3·4	0	1	29	2	3	2	0	6	6	8	3	1
	1130	"	1000·7	975·3	..	83·7	78·6	76·3	31·3	79	..	7·1	..	6·2	0	0	31	2	4	1	1	6	7	8	2	0
	1730	"	998·3	972·9	..	81·9	78·3	76·8	31·6	85	..	7·3	..	5·3	0	0	30	1	3	2	0	5	6	9	4	1
	2330	"	1001·0	975·4	..	79·0	77·0	76·1	30·8	91	..	6·9	..	3·8	0	1	23	1	1	1	0	10	7	3	1	7
garh	0830	691	1002·0	978·5	..	79·1	74·5	72·2	27·2	80	..	6·9	..	2·1	0	0	23	0	0	0	2	9	9	2	1	8
	1730	"	999·0	976·0	..	81·1	76·6	74·6	29·2	80	..	6·5	..	2·0	0	0	31	2	1	1	3	7	11	5	1	0
Nagpur.																										
ia	0830	835	1001·2	973·1	..	82·3	77·6	76·1	30·5	85	..	6·6	..	2·8	0	0	30	3	6	0	9	1	3	0	11	1
	1730	"	997·9	970·0	..	83·5	78·4	76·2	31·0	79	..	6·9	..	3·1	0	0	26	0	7	5	3	4	4	0	3	5
iedpur	0830	423	1000·8	986·4	−0·9	82·0	78·1	76·3	30·9	83	+1	6·9	..	6·3	0	2	23	0	1	6	2	0	5	10	1	6
	1730	"	997·7	983·4	..	83·7	78·8	76·6	31·3	80	..	7·1	..	6·3	0	1	27	0	3	9	2	1	4	8	1	3
iedpur (P.B.O.) . .	0530	477	999·8	983·6	..	78·5	77·0	76·2	31·0	93	..	7·3	..	2·9	0	0	18	0	1	6	1	1	2	5	2	13
	0830	"	1001·1	984·9	..	81·9	78·1	76·1	30·8	84	..	7·1	..	6·5	0	4	25	0	1	7	1	1	5	10	4	2
	1130	"	1000·3	984·2	..	85·2	79·4	76·7	31·3	76	..	7·2	..	6·4	0	3	24	0	4	6	1	3	2	7	4	4
	1730	"	997·9	981·8	..	82·6	78·3	77·0	30·9	84	..	7·4	..	5·0	0	1	28	1	0	11	3	0	0	10	4	2
	2330	"	1000·8	984·9	..	79·8	78·0	77·5	31·7	93	..	7·0	..	2·5	0	0	13	0	1	5	0	0	2	3	2	18
asa	0830	742	1000·9	975·8	−0·3	80·8	77·5	76·5	30·4	86	+3	7·2	+0·8	1·5	0	0	16	0	7	1	0	1	7	0	0	15
	1730	"	997·6	972·7	..	83·4	78·7	76·6	31·7	81	..	7·4	..	1·2	0	0	11	0	5	0	0	1	4	1	0	20
ai	0830	2,150	892·4	929·8	+0·1	76·7	74·1	73·1	27·8	89	+4	6·7	0	1·5	0	0	14	3	1	3	1	3	2	1	0	17
	1730	"	890·1	927·3	..	77·7	74·5	73·3	28·1	86	..	6·7	..	0·4	0	0	3	1	0	2	0	0	0	0	0	28
ibagh	0830	2,006	892·0	934·4	−0·4	77·3	74·7	73·5	28·4	88	+4	6·9	−0·3	6·8	0	2	24	2	4	6	1	3	2	5	3	5
	1730	"	889·5	931·7	..	79·0	78·2	74·2	31·3	86	..	6·9	..	6·3	0	2	26	3	4	6	6	0	2	3	4	3
ibagh (C.W.) .	0530	2,008	890·2	932·6	..	73·6	72·6	72·2	26·9	95	..	6·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	0830	"	891·8	934·2	..	77·5	74·6	73·1	28·0	87	..	6·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1130	"	892·0	934·2	..	80·9	75·7	73·3	28·5	80	..	7·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1730	"	889·3	931·5	..	78·8	75·4	73·5	28·5	85	..	6·8	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..
	2330	"	891·4	934·2	..	74·7	73·6	73·3	28·0	95	..	6·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
iganj	0830	725	1001·0	976·3	−0·4	81·7	78·3	76·8	31·4	86	+3	5·8	+0·8	3·3	0	0	24	0	3	4	2	1	5	8	1	7
	1730	"	997·6	973·1	..	84·7	79·9	77·5	32·4	80	..	6·5	..	3·2	0	0	29	2	6	4	4	2	0	9	2	2
a	0830	124	1002·0	997·8	−0·3	84·7	80·2	78·4	34·3	81	−5	5·7	−0·1	3·3	0	0	29	0	2	18	4	0	1	2	2	2
	1730	"	998·7	994·5	..	86·5	81·0	78·8	34·8	78	..	5·3	..	1·5	0	0	19	0	0	12	4	1	2	0	0	12

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, miles per hour.	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
Bihar—*contd.*																										
Forbesganj	0830	199	1002·1	995·3	..	85·2	80·5	78·6	33·7	81	..	5·8	..	5·7	0	2	29	0	1	19	2	4	0	5	0	0
	1730	"	998·7	991·8	..	87·9	81·5	78·8	33·7	75	..	5·4	..	4·5	0	2	27	0	5	15	1	4	0	4	0	2
Darbhanga	0830	161	1002·0	996·4	0	85·4	81·3	79·9	34·8	84	+2	5·8	−0 3	3·5	0	1	27	0	11	3	10	1	2	0	1	3
	1730	"	998·6	993·1	..	88·6	82·2	79·6	34·5	75	..	5·4	..	2·5	0	0	22	0	4	3	9	0	3	0	3	9
Motihari	0830	218	1001·8	994·4	−0·3	86·4	81·1	79·0	33·5	79	−3	5·8	+0·7	2·5	0	0	28	0	0	28	0	0	0	0	0	3
	1730	"	998·8	991·4	..	86·6	80·8	78·5	33·0	77	..	6·0	..	1·8	0	0	25	0	0	24	0	0	0	0	1	6
Patna	0830	173	1001·6	995·4	−0·2	85·2	80·4	78·3	32·9	81	−1	5·4	−1·5	3·7	0	0	30	0	9	2	8	3	5	2	1	1
	1730	"	998·9	993·0	..	87·7	81·1	78·8	33·4	75	..	5·7	..	3·3	0	0	28	2	10	3	7	0	0	2	4	3
Patna (Aerodrome)	0530	196	999·5	993·4	..	80·8	79·2	78·6	33·5	93	..	5·2	..	2·7	0	1	12	0	1	9	1	1	0	1	0	18
	0830	,,	1000·8	994·1	..	84·4	80·5	78·9	33·6	84	..	5·9	..	6·3	0	2	29	1	1	9	7	4	6	2	1	0
	1130	"	1000·3	993·7	..	87·8	81·8	79·4	34·4	76	..	6·4	..	7·9	0	4	27	1	1	10	6	4	3	4	2	0
	1730	"	997·5	990·9	..	87·4	81·4	79·1	33·9	77	..	5·9	..	4·5	0	0	26	0	4	10	4	3	0	2	3	5
Dehri	0830	352	1000·5	988·5	..	82·7	79·7	78·5	33·3	87	..	6·0	..	3·0	0	0	30	1	4	5	4	1	8	0	7	1
	1730	"	997·2	985·4	..	85·1	80·4	78·4	33·6	81	..	6·3	..	2·5	0	0	29	1	5	5	3	0	5	2	8	2
Gaya	0230	373	999·0	986·3	..	80·3	78·2	77·3	32·2	91	..	5·4	..	4·5	0	3	20	1	4	5	2	5	4	2	0	8
	0530	"	999·2	986·5	..	79·5	77·8	76·9	32·0	92	..	6·3	..	4·3	0	2	20	1	4	5	2	3	6	1	0	9
	0830	"	1000·8	988·2	−0·3	83·3	78·9	76·7	31·6	81	+4	6·8	+1·6	6·1	0	3	19	1	1	8	2	1	7	2	0	9
	1130	"	1000·3	987·7	..	87·5	79·9	76·6	31·5	71	..	7·0	..	9·0	0	8	22	1	6	9	1	2	4	5	2	1
	1730	"	997·5	984·9	..	86·1	79·6	76·8	31·6	75	..	6·9	..	5·6	0	4	21	4	5	8	1	0	2	2	3	6
	2330	"	1000·3	987·5	..	81·6	78·8	77·5	33·2	88	..	5·5	..	4·8	0	4	16	0	4	7	0	2	4	2	1	11
Jamui	0830	270	1001·7	992·1	..	84·2	80·2	78·2	33·4	83	..	6·3	..	3·6	0	0	26	1	0	12	6	2	0	1	4	5
	1730	"	998·2	988·9	..	85·4	80·5	78·7	33·2	80	..	5·9	..	3·3	0	0	24	2	2	12	4	0	1	0	3	7
Dumka	0830	489	1001·1	984·5	−0·7	83·5	79·3	77·9	32·6	84	+1	3·5	−2·3	3·2	0	0	31	2	6	10	5	1	4	3	0	0
	1730	"	997·9	981·4	..	83·8	80·0	78·5	33·0	84	..	4·6	..	3·2	0	0	30	1	5	10	8	0	4	1	1	1
Sabour	0830	122	1001·6	997·4	−0·4	84·5	80·6	78·9	33·7	84	−1	5·7	−0·9	5·6	0	0	30	0	1	15	4	5	3	2	0	1
	1730	"	998·3	994·1	..	86·9	81·3	78·9	34·1	78	..	5·2	..	5·2	0	2	26	0	2	16	2	2	1	3	2	3
Bhagalpur	0530	160	1000·5	994·8	..	80·7	79·7	79·4	34·2	96	..	4·9	..	2·0	0	0	12	0	0	9	1	0	0	2	0	19
	0830	"	1001·9	996·3	..	85·8	81·4	79·4	34·3	82	..	5·9	..	3·3	0	0	19	0	0	11	5	0	0	3	0	12
	1130	"	1001·1	995·7	..	88·3	82.4	80·2	35·0	78	..	6·3	..	3·5	0	0	20	0	0	11	3	0	1	4	1	11
	1730	"	998·6	993·0	..	87·1	82·2	80·1	35·2	80	..	5·4	..	3·7	0	1	23	0	1	12	5	0	2	4	0	7
	2330	"	1001·5	995·8	..	82·9	81·1	80·3	35·2	92	..	3·5	..	2·3	0	0	14	0	0	9	3	0	0	2	0	17
U. P., East.																										
Gonda	0830	360	1001·2	989·3	..	83·6	79·7	78·1	32·5	83	−1	5·4	−0·8	1·9	0	0	15	0	0	13	0	0	0	1	1	16
	1730	"	998·2	986·1	..	87·0	81·0	78·5	33·4	78	..	5·1	..	1·1	0	0	12	0	2	9	0	0	0	0	1	19
Gorakhpur	0830	254	1001·0	992·5	−0·4	85·4	79·9	77·9	32·5	80	−5	4·6	−0·2	3·4	0	0	31	3	4	15	2	2	2	1	2	0
	1730	"	997·8	989·5	..	87·9	81·4	77·5	33·8	72	..	4·1	..	2·8	0	0	31	0	6	11	1	4	3	5	0	0
Gorakhpur (P.B.O.)	0230	257	999·8	991·1	..	81·3	79·5	78·8	32·9	92	..	4·7	..	4·8	0	2	23	1	13	3	0	2	1	2	3	6
	0530	"	999·8	991·4	..	80·5	78.9	78·2	33·1	93	..	6·5	..	2·3	0	0	16	2	4	7	0	0	1	1	1	15
	1130	"	1000·7	992·0	..	87·8	81·2	78·6	33·8	75	..	6·5	..	5·7	0	1	28	1	3	13	4	2	1	4	1	2
	2330	,,	1000·8	991·8	..	82·4	80·2	79·3	33·7	90	..	3·2	..	3·3	0	0	23	2	13	3	0	0	2	2	1	8
Azamgarh	0830	255	1000·6	991·9	..	84·9	77·6	78·0	33·8	82	..	3·3	..	0·9	0	0	10	0	0	9	0	0	0	1	0	21
	1730	"	997·7	989·3	..	86·6	81·9	80·1	34·8	74	..	2·9	..	1·3	0	0	13	1	0	7	0	0	3	2	0	18
Banaras	0830	250	1000·3	992·0	−0·5	82·7	79·5	78·0	32·4	86	+2	6·1	−0·4	5·5	0	1	30	3	5	5	3	4	7	3	1	0
	1730	"	997·3	988·9	..	86·5	81·2	78·3	34·1	78	..	4·4	..	5·0	0	1	29	3	3	7	3	1	1	8	4	1
Banaras (Babatpur Aerodrome)	0530	280	999·4	989·8	..	79·2	77·7	77·0	31·5	93	..	6·9	..	3·9	0	2	24	2	4	6	1	6	2	4	1	5
	0830	"	1000·9	991·3	..	83·4	79·0	77·1	31·5	82	..	6·3	..	6·0	0	3	26	0	2	10	3	3	1	7	3	2
	1130	"	1000·5	991·1	..	87·0	80·1	77·3	31·8	73	..	5·9	..	7·8	0	3		1	1	10	2	2	3	6	5	1
	1730	"	997·6	988·1	..	86·2	78·9	77·3	31·5	76	..	6·6	..	6·3	0	1			4	5	2	2	1	7	4	2
	2330	"	1000·5	990·9	..	80·7	78·6	78·0	32·9	91	..	6·0	..	4·9	0	2	20	0	4	5	1	1	0	7	4	9
Allahabad (Bamrauli)	0230	322	998·9	987·9	..	79·9	78·2	77·5	32·6	92	..	5·5	..	6·6	0	4	22	1	3	8	0	1	4	8	1	3
	0530	"	999·3	988·1	..	79·3	77·7	76·8	32·1	93	..	6·3	..	6·9		3	23	2	3	7	2	0	4	6	2	5
	0830	"	1000·5	992·2	+2·2	82·3	78·8	77·2	32·3	85	+1	6·9	+0·1	8·8	0	5	22	1	5	7	1	3	4	2	4	4
	1130	"	1000·1	989·5	..	85·9	79·9	77·5	32·5	77	..	7·1	..	9·0	0	4	27	0	3	5	2	3	6	10	2	0
	1730	"	997·2	986·0	..	85·1	80·1	78·1	32·8	80	..	6·8	..	6·8	0	1	29	5	2	4	1	1	2	11	4	1
	2330	"	1000·3	989·3	..	80·4	78·5	78·3	32·4	92	..	6·1	..	5·6	0	1	24	1	5	6	2	4	1	6	0	4
Fatehpur	0830	375	1000·9	988·1	..	82·1	79·2	78·5	32·5	89	+4	6·4	+0·4	2·3	0	0	20	0	5	2	1	3	0	7	2	12
	1730	"	997·1	984·5	..	84·9	80·6	79·0	33·9	82	..	5·7	..	1·6	0	0	14	0	2	1	3	1	1	4	2	17
Banda	0830	398	1001·1	987·6	..	81·2	78·6	77·5	32·2	89	..	5·5	..	1·8	0	0	16	0	1	8	2	0	3	2	0	15
	1730	"	997·7	984·3	..	85·6	80·7	78·8	33·9	80	..	4·6	..	1·5	0	0	15	0	0	2	2	0	2	7	2	16

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, miles per hour.	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
East—*contd.*																										
. . . . .	0830	463	1001·6	988·5	..	82·0	79·6	78·0	33·3	90	..	7·1	..	5·6	0	0	30	1	2	6	2	3	7	7	2	1
	1730	"	998·2	982·7	..	85·0	81·5	78·5	35·1	90	..	7·6	..	3·8	0	0	31	1	0	6	4	6	4	7	3	0
ur	0830	414	1000·8	986·6	−0·2	82·5	79·3	77·9	32·5	87	0	5·9	+1·3	6·2	0	4	24	1	1	12	2	2	1	8	1	3
	1730	"	997·5	983·5	..	86·4	81·2	79·2	34·2	80	..	6·3	..	5·9	0	0	29	1	2	5	3	1	5	7	5	2
now	0830	371	1001·1	988·8	+0·5	82·6	79·8	78·9	33·6	90	+7	5·2	−0·4	2·1	0	0	29	9	1	9	4	0	1	3	2	2
	1730	"	998·0 (a)	985·5 (a)	..	89·9	80·7	78·3	31·6	78	..	5·6	..	2·1	0	0	27	4	2	13	0	2	4	2	0	4
now (Amausi Aerodrome) .	0230	419	999·4	985·1	..	79·9	78·8	78·5	33·3	95	..	5·5	..	5·1	0	0	24	2	7	6	4	1	0	1	3	7
	0530	"	999·4	984·7	..	79·5	78·6	78·4	32·8	96	..	6·1	..	4·4	0	0	24	0	8	6	2	1	3	1	3	7
	0830	"	1000·8	986·6	−0·1	83·3	80·1	78·5	33·3	86	+5	5·6	−0·3	6·0	0	2	24	0	3	10	2	1	5	1	4	5
	1130	"	1000·6	986·5	..	86·8	80·9	78·5	33·5	77	..	6·4	..	8·3	0	5	25	0	5	5	4	3	3	1	9	1
	1730	"	997·5	983·4	..	85·5	80·7	78·7	33·9	81	..	6·2	..	7·1	0	4	26	1	4	7	1		5	2	9	1
	2330	"	1000·6	985·9	..	80·6	79·1	78·3	33·1	93	..	4·7	..	4·3	0	3	21	2	6	4	3	1	3	0	5	7
doi	0830	467	1000·9	985·2	..	83·0	79·5	78·8	32·8	87	..	5·4	..	2·7	0	0	29	1	2	10	7	3	1	5	0	2
	1730	"	997·2	981·5	..	86·8	81·1	78·7	33·8	78	..	5·1	..	2·1	0	0	27	1	2	3	7	5	3	4	2	4
himpur Kheri . . .	0830	483	1001·1	984·7	..	82·5	79·0	77·5	32·2	85	..	5·5	..	1·6	0	0	17	0	1	7	5	0	1	3	0	14
	1730	"	997·9	981·6	..	87·0	81·0	78·5	33·4	76	..	4·7	..	1·7	0	0	17	1	1	4	5	1	3	1	1	14
raich	0830	407	1001·2	987·4	+0·1	84·2	79·5	76·6	32·4	81	−1	6·0	+1·5	3·3	0	0	29	2	2	10	9	1	2	2	1	2
	1730	"	998·0	984·3	..	88·3	80·6	77·4	32·2	71	..	5·7	..	2·5	0	0	22	0	5	5	5	1	3	2	1	9
, West.																										
nsi	0830	823	1001·4	973·5	+0·2	80·7	76·8	75·0	29·9	83	+3	4·4	−0·6	2·7	0	0	17	0	0	4	0	1	0	11	1	14
	1730	"	997·6	969·7	..	85·0	78·7	75·8	30·7	76	..	6·4	..	3·0	0	0	19	0	1	2	0	0	0	10	6	12
a	0830	553	1000·6	981·8	−0·3	81·6	78·2	76·5	31·2	86	+9	4·6	−1·0	0·6	0	0	7	0	0	0	0	3	4	0	0	24
	1730	"	997·6	979·0	..	85·7	79·7	76·5	31·8	76	..	5·0	..	0·9	0	0	10	1	2	0	0	3	3	1	0	21
inpuri	0830	516	1001·0	983·5	+0·2	82·0	79·5	78·4	33·3	89	+8	6·0	+0·5	2·6	0	0	24	0	4	7	4	0	4	4	1	7
	1730	"	997·9	980·5	..	86·3	80·7	78·5	33·4	78	..	5·8	..	2·2	0	0	20	0	2	6	3	1	1	4	3	11
garh	0530	615	999·5	978·6	..	79·5	78·1	77·5	32·0	94	..	6·3	..	2·7	0	1	12	1	1	7	1	0	1	2	0	18
	0830	"	1000·7	979·8	..	82·7	79·4	78·2	32·7	86	+8	5·8	+1·2	3·0	0	0	24	1	2	11	2	0	1	6	1	7
	1130	"	1000·6	980·2	..	87·2	80·6	77·9	32·6	75	..	7·0	..	6·6	0	1	25	1	3	8	6	0	4	1	3	5
	1730	"	997·5	976·9	..	87·6	80·9	78·4	32·1	75	..	6·2	..	3·0	0	1	17	0	0	11	0	0	3	3	1	13
	2330	"	1000·2	979·3	..	81·9	79·5	78·5	33·3	90	..	4·8	..	2·8	0	1	14	0	2	6	1	0	3	2	1	16
eilly	0830	568	1001·0	981·7	−0·2	82·9	78·8	77·0	32·0	83	−1	6·4	−0·5	3·4	0	0	25	2	1	7	11	1	0	2	1	6
	1730	"	997·4	978·6	..	88·0	80·9	78·2	32·9	74	..	6·1	..	1·5	0	0	17	2	0	7	0	2	1	5	0	14
eilly (F. B. O.) . . .	0230	565	999·4	980·2	..	81·3	79·2	78·5	32·9	91	..	4·7	..	3·7	0	1	23	0	4	11	3	1	1	4	0	7
	0530	"	999·7	980·5	..	80·5	78·7	78·1	32·4	92	..	5·7	..	4·2	0	0	25	1	3	12	4	1	0	4	0	6
	1130	"	1000·9	981·9	..	87·4	80·0	76·8	31·0	72	..	6·2	..	5·7	0	0	31	0	2	8	11	4	1	2	3	0
	2330	"	1000·3	981·2	..	82·6	80·2	79·3	33·8	90	..	4·3	..	3·2	0	0	21	0	2	10	3	0	4	2	0	10
erut	0830	728	1001·4	976·4	+0·1	82·0	77·8	76·4	30·6	83	+3	4·1	−1·1	1·7	0	0	21	0	4	9	1	0	0	5	2	10
ibabad	0830	885	1001·3	971·4	..	82·2	78·0	76·2	30·7	82	..	5·2	..	3·2	0	0	24	0	1	1	17	1	1	0	3	7
	1730	"	998·7	969·3	..	88·1	79·9	77·2	77·2	69	..	2·6	..	2·3	0	0	20	0	1	0	10	0	2	0	7	11
rkee	0830	899	1001·0	970·7	−0·1	82·2	78·3	76·8	30·9	84	+2	5·0	−0·3	1·5	0	0	22	3	0	4	8	3	0	0	4	9
	1730	"	997·5	967·6	..	87·0	80·0	77·0	31·8	73	..	4·7	..	1·4	0	0	24	1	0	2	8	4	2	2	5	7
ra Dun	0530	2,239	892·0	926·1	..	73·9	72·8	71·6	27·3	93	..	5·3	..	1·1	0	0	14	6	5	1	0	1	0	0	1	17
	0830	"	893·0	927·3	+0·2	78·0	74·3	72·9	27·3	86	−1	5·8	−0·7	1·0	0	0	16	1	1	0	4	2	3	3	2	15
	1130	"	893·5	927·4	..	82·8	76·1	73·3	27·9	74	..	6·4	..	2·3	0	0	28	0	1	0	2	12	7	5	1	3
	1730	"	890·5	924·7	..	81·4	76·7	74·6	28·8	81	..	6·0	..	1·6	0	0	20	1	5	1	4	2	1	3	3	11
	2330	"	892·5	926·9	..	76·2	74·1	73·3	27·8	91	..	5·0	..	1·3	0	0	19	8	5	0	0	2	1	1	2	12
Jab (I).																										
v Delhi	0230	710	998·9	974·9	..	80·7	78·3	77·2	31·7	89	..	4·0		3·0	0	0	17	0	2	6	3	1	1	4	0	14
	0530	"	999·1	975·0	..	79·6	77·6	77·0	31·3	91	..	5·6	..	2·8	0	1	14	0	1	6	2	0	1	3	2	16
	0830	"	1000·5	976·4	−0·4	82·9	78·7	77·0	32·0	82	+4	5·8	+0·1	5·0	0	2	19	1	0	10	4	1	0	3	2	10
	1130	"	1000·4	976·6	..	82·2	79·9	76·8	33·2	72	..	6·1	..	8·0	0	6	23	1	0	9	9	2	0	4	4	2
	1730	"	997·2	973·5	..	87·7	80·2	77·1	31·5	71	..	5·4	..	4·8	0	3	24	0	2	10	4	4	3	2	2	4
	2330	"	999·8	975·7	..	81·9	78·7	77·4	32·5	86	..	3·5	..	2·4	0	0	15	0	0	8	3	0	1	3	0	16
ar	0830	725	1000·5	976·0	0	93·6	78·8	77·2	31·1	66	−4	3·3	+0·3	3·2	0	0	26	3	4	4	5	4	4	2	0	5
	1 30	"	997·3	973·1	..	90·1	80·5	76·4	31·2	66	..	3·5	..	4·1	0	0	30	4	9	4	4	2	2	2	3	1
mal	0830	818	1000·8	973·1	..	81·8	78·0	76·3	31·0	84	..	5·4	..	2·8	0	0	18	2	1	5	6	1	0	3	0	13
	1730	"	998·0	970·6	..	87·9	79·7	76·3	31·5	70	..	5·7	..	0·9	0	0	8	0	1	1	3	1	2	0	0	23
bala	0830	892	1000·6	970·5	−0·1	81·8	78·3	76·4	31·7	85	+6	4·9	+0·2	1·7	0	0	21	3	0	7	7	0	2	1	1	10
	1730	"	997·6	967·9	..	87·6	80·4	78·1	32·3	73	..	3·6	..	2·1	0	0	22	0	6	1	7	1	3	0	4	9

(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, miles per hour.	Wind speed (m.p.h.).			No. of observations. Wind direction.								
			At mean sea or nearest s. 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
Punjab (I)—*contd.*																										
Ambala (P. B. O.)	0230	906	999·3	968·7	..	81·8	78·6	77·5	32·5	87	..	4·2	..	4·1	0	3	17	0	0	10	7	2	0	0	1	11
	0530	"	999·5	968·8	..	80·6	77·8	76·8	30·7	88	..	5·2	..	3·0	0	0	21	1	0	12	4	1	0	0	3	10
	1130	"	1000·9	970·4	..	85·5	79·1	76·8	30·8	76	..	5·6	..	5·4	0	3	25	0	0	11	9	0	1	4	3	3
	2330	"	1000·0	969·4	..	83·2	79·1	77·5	32·0	84	..	3·3	..	3·6	0	0	23	0	1	13	5	1	0	0	3	8
Patiala	0830	822	1000·3	972·6	..	82·5	78·1	76·6	30·5	82	..	5·3	..	4·1	0	0	28	1	1	4	15	1	0	4	2	3
	1730	"	997·3	969·7	..	86·8	79·2	76·6	30·8	66	..	5·6	..	3·1	0	0	25	3	1	0	14	1	2	1	3	6
Ludhiana	0830	810	(a) 1000·1	(a) 972·7	−0·4	83·0	78·7	76·5	31·2	81	+6	3·8	+0·1	0·6	0	0	9	0	0	3	3	2	0	1	0	22
	1730	"	997·3	970·6	..	90·5	79·7	74·7	29·9	62	..	5·1	..	0·9	0	0	10	1	1	2	0	1	2	2	1	21
Ferozepur	0830	657	1000·5	978·0	..	82·5	78·4	77·7	31·5	82	..	4·8	..	2·3	0	0	26	0	7	0	7	4	4	1	3	5
	1730	"	996·8	973·7	..	89·2	80·8	77·6	31·7	70	..	5·1	..	2·7	0	0	30	3	4	1	6	6	6	0	4	1
Amritsar	0530	769	999·4	973·3	..	78·8	77·4	77·0	31·8	94	..	4·1	..	4·8	0	2	28	2	10	7	6	3	0	0	2	1
	0830	"	1000·6	974·7	..	82·9	78·4	76·0	31·3	81	..	4·2	..	6·5	0	1	27	2	4	9	6	5	1	0	1	3
	1130	"	1000·6	974·9	..	88·7	80·2	76·7	31·2	68	..	4·3	..	7·7	0	2	29	3	5	3	9	4	1	2	4	0
	1730	"	997·5	971·9	..	88·8	80·0	76·0	31·8	70	..	4·3	..	7·9	0	2	27	5	3	3	5	5	2	2	4	2
Pathankot	0830	1,128	1000·9	962·9	..	80·7	76·6	75·0	29·5	84	..	6·2	..	1·9	0	0	18	0	6	3	2	4	0	0	3	13
	1730	"	998·7	961·6	..	87·2	80·4	77·6	32·4	74	..	4·9	..	2·1	0	0	23	0	2	1	1	3	2	6	8	8
Jammu and Kashmir.																										
Srinagar	0830	5,205	795·3	836·7	+1·2	68·7	64·5	62·3	19·4	81	−2	4·8	+1·0	1·9	0	0	14	0	0	0	8	1	1	1	3	17
	1130	"	795·6	836·3	..	77·4	67·8	63·1	18·7	62	..	4·7	..	1·8	0	0	14	2	1	0	6	0	2	0	3	17
	1730	"	793·2	833·5	..	80·8	68·2	62·0	20·5	54	..	4·2	..	2·3	0	0	17	0	1	0	5	1	1	0	9	14
Gulmarg	0830	8,709	707·4	738·4	+1·2	58·9	56·3	54·7	14·8	86	+5	5·2	+1·0	3·0	0	0	23	2	4	4	4	2	6	1	0	8
Dras (R)	0830	10,059																								
Kargil (R)	0830	8,790																								
Leh	0530	11,529	706·6	664·6	..	49·9	41·8	33·3	5·5	52	..	5·2	..	2·6	0	0	21	0	21	0	0	0	0	0	0	10
	0830	"	706·6	665·2	−0·2	59·2	48·0	38·1	7·8	49	−10	5·0	+1·1	1·2	0	0	9	0	2	0	1	0	5	1	0	22
	1730	"	702·8	662·4	..	67·4	52·8	40·9	8·9	40	..	5·2	..	1·6	0	0	27	0	2	0	0	6	10	6	3	4
Skardu (R)	0830	7,505																								
(R)	1730	"																								
Gilgit (R)	0830	4,890																								
(R)	1730	"																								
Misgar (R)	0830	10,190																								
(R)	1730	"																								
Jammu (R)	0830																									
Rajasthan, West.																										
Sri Ganganagar	0830	580	(a) 999·4	(a) 979·8	..	84·7	78·4	75·7	30·4	75	+12	2·4	+0·7	1·9	0	0	28	1	5	6	5	2	5	3	1	3
	1730	"	(a) 996·4	(a) 977·1	..	90·5	79·1	74·0	28·6	60	..	2·7	..	2·6	0	0	31	0	4	10	2	5	6	3	1	0
Bikaner	0830	734	999·9	975·0	−0·6	83·6	78·1	76·1	30·2	81	+9	3·9	+0·9	4·6	0	0	31	1	2	0	8	1	16	2	1	0
	1730	"	996·6	972·1	..	90·5	79·1	74·6	28·6	61	..	3·7	..	6·1	0	1	30	2	2	1	8	0	14	2	2	0
Bikaner (P. B. O.)	0530	735	999·1	974·2	..	80·4	79·2	78·8	27·5	95	..	5·2	..	3·0	0	0	23	0	3	1	0	10	6	3	0	8
	1130	"	1001·2	975·5	..	88·6	82·8	80·6	28·5	79	..	5·5	..	4·4	0	0	26	1	1	4	2	4	8	5	1	5
	2330	"	999·5	974·6	..	82·8	80·4	79·4	29·3	90	..	4·4	..	3·5	0	0	23	1	0	1	0	12	8	1	0	8
Jaisalmer	0830	793	(a) 999·2	(a) 972·6	..	81·5	77·2	74·4	30·3	78	..	3·7	..	17·2	0	21	9	0	4	0	1	1	22	1	1	1
	1730	"	996·0	969·3	..	93·0	79·0	74·0	27·5	61	..	4·5	..	14·3	0	17	14	0	5	1	2	2	20	1	0	0
Jodhpur	0230	736	999·2	974·2	..	79·4	76·7	75·6	30·5	88	..	5·0	..	4·3	0	1	25	0	2	0	1	4	15	3	1	5
	0530	"	999·4	974·3	..	78·3	76·2	75·4	30·3	87	..	5·5	..	4·1	0	0	26	0	2	0	0	2	15	7	0	5
	0830	"	1000·9	975·9	+0·6	80·4	77·1	75·6	30·1	86	+7	6·9	+0·9	5·7	0	1	24	0	2	0	0	2	14	7	0	5
	1130	"	1001·1	976·3	..	85·2	78·8	76·3	30·3	75	..	7·1	..	7·0	0	1	29	0	2	3	0	2	13	9	1	1
	1730	"	997·8	973·2	..	87·5	79·1	75·3	29·9	68	..	6·5	..	7·8	0	2	28	0	3	1	4	3	15	4	0	1
	2330	"	1000·4	975·4	..	80·7	77·3	75·9	30·1	85	..	4·8	..	4·6	0	1	26	0	1	0	2	4	16	3	1	4
Phalodi	0830	767	1000·6	974·4	..	80·6	77·7	76·7	30·9	86	..	4·6	.	8·0	0	5	25	1	3	1	1	3	16	5	0	1
	1730	"	998·1	972·2	..	89·3	80·3	75·9	31·2	68	..	4·0	..	12·1	0	13	18	1	3	5	2	2	15	1	2	0
Barmer	0530	638	999·1	977·4	..	79·3	76·4	75·5	29·3	89	..	6·1	..	3·9	0	0	22	0	1	0	0	3	9	7	2	9
	0830	"	1000·5	978·8	−0·7	80·5	77·3	76·0	28·5	86	+7	6·6	+1·2	3·3	0	0	27	0	2	0	0	7	12	3	3	4
	1130	"	1000·6	979·1	..	86·9	79·1	75·6	30·6	70	..	6·5	..	5·5	0	1	30	0	2	1	3	6	15	3	1	0
	1730	"	997.4	976·1	..	89·1	79·8	75·7	29·2	67	..	6·9	..	4·7	0	0	26	0	1	1	3	8	11	2	0	5
	2330	"	1000·0	978·4	..	82·4	77·8	75·9	30·2	81	..	5·1	..	5·8	0	0	28	2	0	0	1	7	14	3	1	5

(R) Register not received.

(a) Mean of 30 days.

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, miles per hour.	Wind speed (m.p.h.).			No. of observations. Wind direction.								
			At mean sea or nearest s. 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
ıan, East	0830	1,419	1000·3	952·6	..	77·7	76·1	74·6	31·5	86	..	5·9	..	1·9	0	0	25	0	2	2	5	2	8	3	3	6
	1730	"	997·1	950·3	..	85·3	77·8	74·5	29·1	72	..	6·7	..	1·9	0	0	28	1	2	3	4	2	6	8	2	3
	0830	1,431	1000·7	952·7	−1·2	79·1	76·8	75·5	30·5	89	+11	6·5	+2·0	5·6	0	1	29	0	1	6	2	2	6	10	3	1
	1130	"	1000·5	952·8	..	83·6	77·9	75·4	30·0	77	..	6·8	..	6·8	0	2	28	2	2	5	2	0	5	10	4	1
	1730	"	997·6	950·1	..	83·5	77·7	75·2	29·8	78	..	6·7	..	6·6	0	0	30	0	2	5	3	3	4	11	2	1
(Sanganer Aerodrome)	0230	1,282	999·1	955·8	..	77·6	76·2	75·5	30·0	87	..	5·4	..	4·7	0	0	29	1	1	3	1	3	6	8	6	2
	0530	"	998·9	955·9	..	76·5	75·9	75·4	30·3	96	..	6·9	..	4·5	0	0	23	1	5	1	0	1	4	6	5	8
	0830	"	1000·5	957·3	..	79·5	76·7	75·4	30·1	86	..	7·0	..	7·0	0	2	25	0	3	4	0	1	4	9	6	4
	1130	"	1000·2	957·2	..	84·0	78·2	76·6	30·4	77	..	7·1	..	8·2	0	5	26	1	4	4	0	2	6	9	5	0
	1730	"	997·4	954·6	..	81·1	78·1	78·0	31·5	78	..	7·0	..	7·7	0	3	27	0	4	4	1	1	4	13	3	1
	2330	"	1000·8	956·9	..	78·5	76·6	76·5	30·4	91	..	5·2	..	4·5	0	0	21	2	2	2	0	2	3	6	4	10
	0830	1,593	1001·1	947·6	−1·0	77·7	74·7	73·4	28·0	87	+10	7·4	+2·2	6·5	0	2	28	0	4	3	0	3	10	10	0	1
	1730	"	998·2	945·3	..	81·8	76·0	73·7	28·1	77	..	6·6	..	4·2	0	0	26	0	2	2	1	2	7	11	1	5
	0530	843	999·4	970·9	..	79·1	75·9	74·5	29·3	86	..	5·6	..	1·7	0	0	14	0	0	0	0	0	6	7	1	17
	0830	"	1001·1	972·5	−0·8	80·8	76·3	74·2	29·1	81	+6	6·2	+1·0	2·1	0	0	20	0	1	0	0	0	11	6	2	11
	1130	"	1000·9	972·6	..	82·3	77·9	74·4	30·7	70	..	6·7	..	3·2	0	0	22	0	0	1	0	0	7	12	2	9
	1730	"	998·0	969·8	..	85·7	77·0	74·4	28·7	70	..	6·7	..	1·8	0	0	15	1	0	0	0	1	2	7	4	16
	2330	"	1000·5	971·9	..	80·8	76·7	74·9	29·9	83	..	5·3	..	2·8	0	0	18	0	0	0	0	1	8	9	0	13
ar	0830	1,053	1001·3	965·7	−0·7	78·8	75·2	73·8	28·6	85	+1	4·6	−1·6	4·1	0	0	29	1	2	0	0	1	9	11	5	2
	1730	"	998·3	963·1	..	83·9	77·1	73·9	28·9	73	..	4·4	..	4·3	0	0	25	3	2	0	1	2	2	13	2	6
ır	0230	1,910	890·6	936·7	..	74·8	72·8	71·5	26·7	91	..	6·3	..	2·7	0	0	16	0	0	0	0	5	7	4	0	15
	0530	"	890·2	936·3	..	74·0	72·2	71·1	26·0	91	..	6·9	..	2·5	0	0	16	0	1	0	1	4	6	3	1	15
	0830	"	891·4	937·4	−1·3	76·6	73·4	72·0	26·9	86	+8	7·7	+1·9	3·0	0	0	25	0	3	1	1	2	15	3	0	6
	1130	"	892·5	938·2	..	80·2	75·0	72·8	27·6	78	..	7·3	..	4·1	0	0	30	1	1	5	0	6	11	4	2	1
	1730	"	890·1	935·9	..	78·4	74·5	72·7	27·5	83	..	7·5	..	3·5	0	0	24	1	0	1	1	4	11	6	0	7
	2330	"	891·8	937·9	..	75·4	73·1	72·0	26·7	90	..	5·8	..	2·1	0	0	13	0	1	1	1	1	7	1	1	18
Bharat r (P. B. O.)	0230	688	999·1	975·7	..	78·9	76·8	75·9	30·5	90	..	6·1	..	3·3	0	0	25	1	2	1	1	0	11	3	6	6
	0530	"	999·3	975·9	..	78·3	76·2	75·6	29·9	90	..	6·6	..	3·9	0	0	25	1	6	2	0	1	6	4	5	6
	0830	"	1000·7	977·3	−0·2	80·8	77·5	76·0	30·7	86	+4	7·2	+1·1	4·3	0	0	27	0	2	5	3	2	6	5	4	4
	1130	"	1000·5	977·4	..	85·0	79·1	76·7	31·3	77	..	7·3	..	4·9	0	1	26	1	2	6	0	1	5	4	8	4
	1730	"	997·7	974·4	..	85·0	78·9	76·3	30·9	76	..	7·2	..	3·5	0	0	26	2	1	7	0	1	7	7	1	5
	2330	"	1000·3	976·9	..	79·9	77·3	76·3	30·8	89	..	7·1	..	3·2	0	0	23	2	3	2	1	2	8	2	3	8
r Kalan	0830	771	1000·6	974·8	..	80·0	77·5	75·7	31·1	89	..	7·2	..	2·5	0	0	20	1	1	0	0	5	8	3	2	11
	1730	"	997·9	971·8	..	83·4	78·7	76·6	31·4	81	..	6·1	..	2·1	0	0	18	5	1	1	0	7	0	3	1	13
	0530	1,571	1000·2	947·2	..	75·1	73·6	73·1	27·7	93	..	6·9	..	3·4	0	0	24	0	1	1	0	2	13	7	0	7
	0830	"	1001·4	948·5	−0·7	77·0	74·5	73·7	28·1	89	+3	7·5	+1·5	5·4	0	0	31	3	1	2	0	2	9	14	0	0
	1130	"	1001·3	948·9	..	81·4	76·4	74·5	29·0	79	..	7·3	..	4·5	0	0	30	1	3	2	0	0	13	8	3	1
	1730	"	998·4	946·1	..	81·7	76·7	74·8	29·4	80	..	7·0	..	3·9	0	0	26	2	2	0	0	2	8	8	4	5
	2330	"	1001·4	948·6	..	76·8	74·3	73·7	27·9	90	..	6·7	..	3·4	0	0	20	1	0	0	3	2	9	4	1	11
:h	0830	1,626	1002·2	947·4	−0·8	76·1	73·7	72·6	27·4	89	+4	7·8	+1·8	8·3	0	2	27	1	1	0	0	0	15	12	0	2
	1730	"	999·6	945·4	..	80·3	75·3	73·2	27·9	79	..	7·3	..	9·7	0	7	24	0	3	0	0	0	15	13	0	0
	0830	1,596	1002·5	948·5	..	74·3	73·2	72·2	27·5	94	..	7·9	..	6·4	0	1	30	0	0	0	0	2	15	13	1	0
	1730	"	1000·0	946·6	..	79·2	75·0	73·3	27·9	83	..	7·7	..	8·5	0	2	28	0	0	0	0	0	14	15	1	1
	0530	1,861	890·5	938·7	..	72·1	71·1	70·8	25·6	95	..	7·5	..	8·7	0	12	16	0	0	0	0	1	8	19	0	3
	0830	"	892·0	940·1	−1·2	74·5	72·2	71·1	26·0	89	+2	6·9	−0·3	11·0	0	8	23	0	0	0	0	0	10	16	5	0
	1130	"	892·6	940·1	..	78·4	73·7	71·5	27·5	80	..	7·3	..	11·7	0	13	17	0	0	0	0	1	6	17	6	1
	1730	"	890·2	937·7	..	78·9	73·7	71·2	26·3	78	..	7·0	..	8·8	0	3	28	0	0	0	0	0	10	17	4	0
	2330	"	891·8	940·0	..	73·6	71·9	71·1	26·0	91	..	6·3	..	7·5	0	6	24	0	0	0	0	1	6	18	5	1
(Bairagarh)	0230	1,715	889·7	943·2	..	74·1	72·5	71·9	26·7	91	..	6·6	..	9·4	0	5	26	0	2	0	1	0	11	13	4	0
	0530	"	889·7	943·2	..	73·4	72·2	71·7	26·5	94	..	7·0	..	9·4	0	5	26	1	0	0	0	0	8	17	5	0
	0830	"	891·3	944·7	−0·6	75·6	72·9	71·9	26·6	89	+2	7·7	+1·1	12·3	0	14	17	2	0	0	0	0	8	15	6	0
	113	"	891·8	944·7	..	79·4	74·4	72·3	27·0	79	..	7·5	..	13·9	0	17	13	2	0	0	0	0	7	15	6	1
	173	"	889·4	942·0	..	80·7	75·0	72·5	27·3	77	..	7·3	..	12·7	0	15	16	1	0	1	0	0	11	11	7	0
	2330	"	891·1	944·5	..	75·1	73·2	72·6	27·1	91	..	6·1	..	9·5	0	7	23	1	1	0	1	0	13	10	4	1
Pradesh. ng	0830	750	1001·1	975·6	−0·4	79·8	76·5	75·1	29·7	85	+2	7·0	+0·7	4·0	0	0	30	0	4	5	0	1	16	3	1	1
	1730	"	997·6	972·5	..	84·9	78·7	75·9	30·7	75	..	6·7	..	4·1	0	0	27	1	3	3	0	0	15	4	1	4
	0930	1,041	1000·8	965·5	−0·4	79·3	76·8	75·6	30·3	89	+5	6·8	+0·4	5·9	0	0	28	0	4	4	1	1	7	10	1	3
	1730	"	997·4	962·5	..	82·8	78·5	76·8	31·4	83	..	6·5	..	4·1	0	0	27	0	6	2	0	1	6	6	6	4

TABLE III—SUMMARY OF OBSERVATIONS AT FIXED HOURS—AUGUST 1953.

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, miles per hour.	Wind speed (m.p.h.).			No. of observations.								
			At mean sea of 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	1,506	0·7	950·2	..	77·6	74·8	73·7	28·2	87	+4	7·2	+0·2	4·9	0	0	30	2	2	1	1	3	9	9	3	1
	1730	"	997·7	947·6	..	81·2	76·2	74·0	28·6	79	..	7·1	..	4·4	0	0	29	2	1	1	2	2	9	9	3	2
Madhya Pradesh, East																										
Gondia	0830	1,026	1002·8	968·0	..	78·1	75·0	73·3	28·3	85	..	6·5	..	2·8	0	0	27	2	0	0	1	0	17	0	7	4
	1730	"	999·4	964·9	..	80·9	76·0	71·4	28·4	79	..	6·6	..	3·3	0	0	28	2	0	0	3	1	13	0	9	3
Pendra	0530	2,048	890·4	931·7	..	73·3	72·2	71·5	26·4	95	..	8·0	..	3·7	0	3	14	9	1	0	0	3	2	0	2	14
	0830	"	891·9	933·1	−0·5	75·6	73·3	73·0	27·1	89	+4	7·8	+2·2	3·9	0	1	22	9	1	0	1	4	3	1	4	8
	1130	"	891·9	932·8	..	79·5	74·9	72·9	27·7	81	..	7·9	..	5·0	0	1	28	8	2	0	1	5	2	2	9	2
	1730	"	889·6	930·3	..	78·7	75·0	73·4	28·0	84	..	7·9	..	5·2	0	3	24	4	2	0	2	7	3	5	4	4
	2330	"	891·6	932·8	..	74·3	73·1	72·5	27·4	94	..	7·7	..	3·9	0	1	22	6	1	2	1	8	1	0	4	8
Raigarh	0830	723	1001·2	976·7	..	80·4	76·4	75·5	29·4	87	..	7·0	..	1·5	0	0	13	0	1	1	0	3	7	0	1	18
	1730	"	998·3	974·0	..	83·3	78·4	76·4	31·0	79	..	7·3	..	1·2	0	0	15	3	3	0	0	4	4	0	1	16
Ambikapur	0830	2,005	891·7	934·4	..	76·1	73·7	72·8	27·4	89	.	6·0	..	7·1	0	4	24	2	8	1	2	2	6	5	2	3
	1730	"	889·3	932·0	..	78·9	74·9	73·3	27·9	83	..	5·3	..	7·9	0	2	28	6	2	3	2	2	5	7	3	1
Champa	0830	805	1001·5	974·1	..	79·1	76·4	74·8	29·8	87	..	7·5	..	5·3	0	1	28	4	0	1	1	2	7	9	5	2
	1730	"	998·3	971·3	..	82·8	77·7	75·3	30·2	79	..	7·6	..	6·8	0	3	26	4	1	1	0	1	5	12	5	2
Raipur	0530	979	1000·7	967·4	..	76·2	74·3	73·5	28·1	91	.	7·0	..	3·0	0	1	19	0	0	0	0	2	13	4	1	11
	0830	"	1001·9	968·7	−0·6	78·5	75·0	73·5	27·9	84	−2	7·1	+0·8	3·8	0	1	21	0	0	0	0	1	12	5	4	9
	1130	"	1001·4	968·5	..	82·7	76·3	73·3	28·1	74	..	7·0	..	4·7	0	2	25	3	2	0	0	1	7	7	7	4
	1730	"	998·7	965·9	..	82·3	76·1	72·6	27·9	74	..	6·6	..	4·0	0	1	24	1	0	0	0	2	5	11	6	6
	2330	"	1001·5	968·3	..	77·5	75·1	73·9	28·6	89	..	6·8	..	2·8	0	0	18	0	0	0	1	4	11	1	1	12
Kanker	0830	1,318	1003·0	958·4	−0·3	77·5	74·0	72·7	27·1	84	+2	7·4	−0·6	1·9	0	0	16	0	0	0	0	0	9	7	0	15
	1730	"	999·9	955·7	..	80·1	75·2	73·1	27·6	80	..	7·1	..	1·7	0	0	17	1	0	0	0	0	12	4	0	14
Chanda	0830	634	1003·7	982·1	−0·4	78·8	74·5	72·3	27·2	80	0	7·2	+1·2	4·2	0	0	29	0	0	0	0	0	24	1	4	2
	1730	"	1000·5	979·0	..	83·2	76·3	73·0	27·8	73	..	7·2	..	7·0	0	1	29	0	1	0	2	0	17	0	10	1
Sironcha	0830	405	1004·6	990·7	..	78·6	75·0	73·7	28·0	85	..	6·5	..	3·5	0	0	28	1	1	2	2	3	4	7	8	3
	1730	"	1001·4	987·6	..	82·8	77·0	74·5	29·2	77	..	7·1	..	2·3	0	0	25	1	1	0	1	0	4	10	8	6
Jagdalpur (P.B.O.)	0530	1,813	891·1	941·0	..	72·3	71·3	70·6	25·8	95	..	7·1	..	2·8	0	0	18	0	0	1	0	1	10	5	1	13
	0830	"	892·6	942·3	−0·5	75·5	72·5	70·9	26·1	86	+1	7·2	+1·1	4·1	0	0	27	0	0	0	0	3	11	10	3	4
	1130	"	893·0	942·4	..	78·4	73·6	71·4	26·3	80	..	7·5	..	5·2	0	0	30	2	1	0	0	1	6	18	2	1
	1730	"	890·8	940·1	..	77·4	73·4	71·9	26·5	82	..	7·4	..	4·0	0	0	29	0	0	1	1	4	12	8	3	2
	2330	"	892·5	942·4	..	73·4	71·8	71·0	26·9	93	..	6·6	..	3·5	0	0	24	1	0	0	0	4	14	4	1	7
Madhya Pradesh, West																										
Buldhana	0830	2,133	893·9	932·4	..	72·4	70·3	69·1	24·4	89	..	7·0	..	4·6	0	0	31	0	0	0	0	0	14	3	14	0
	1730	"	892·3	930·3	..	78·2	72·9	70·4	25·5	78	..	7·2	..	4·1	0	0	31	1	0	0	0	1	3	7	19	0
Akola	0830	925	1003·9	972·3	−0·7	77·1	73·5	71·8	26·6	84	+4	7·4	+1·2	8·1	0	0	31	1	0	0	0	1	6	18	5	0
	1130	"	1003·4	972·2	..	82·0	75·2	72·1	26·8	73	..	7·0	..	8·8	0	1	30	0	0	0	0	0	4	16	11	0
	1730	"	1000·3	969·3	..	84·4	75·7	71·4	26·4	66	..	6·8	..	8·6	0	4	27	3	0	0	0	0	3	12	13	0
Akola (Aerodrome)	0530	1,015	1002·1	967·3	..	73·5	71·8	71·0	25·9	92	..	6·2	..	5·1	0	1	26	0	0	0	0	0	12	14	1	4
	2330	"	1003·1	968·5	..	76·4	73·6	72·3	27·0	87	..	6·0	..	5·3	0	1	27	0	0	0	0	0	15	10	3	3
Amravati	0830	1,213	1003·5	962·3	−0·7	75·9	73·0	71·5	26·5	87	+4	6·6	+0·4	5·5	0	0	30	0	0	0	0	0	11	19	0	1
	1730	"	1000·0	959·4	..	82·8	74·6	70·3	25·5	68	..	6·7	..	6·1	0	0	31	0	0	0	0	0	11	13	7	0
Yeotmal	0830	1,481	1003·8	953·7	..	75·2	72·4	71·2	25·9	87	..	7·0	..	..	..	..	..	0	0	0	0	0	22	0	9	0
	1730	"	1000·2	950·8	..	80·7	74·5	71·8	26·3	75	..	7·7	..	..	..	..	..	0	0	0	0	0	17	0	14	0
Khandwa	0830	1,044	1002·9	967·3	−1·2	76·9	74·1	72·7	27·5	87	+4	7·5	+1·7	5·2	0	0	31	0	0	0	0	5	11	12	3	0
	1730	"	999·7	964·6	..	82·8	76·2	73·2	27·9	74	..	7·6	..	6·5	0	0	30	0	0	1	0	1	11	15	2	1
Hoshangabad	0830	992	1002·3	968·6	−1·2	76·5	74·6	73·7	28·3	91	+3	7·3	+0·3	3·9	0	0	30	1	0	0	0	1	16	11	1	1
	1730	"	997·6	964·4	..	82·9	76·7	73·8	28·6	75	..	7·3	..	3·7	0	0	27	0	0	0	0	4	10	12	1	4
Sagar	0830	1,808	890·9	940·8	−0·6	75·7	73·4	72·7	27·2	89	+3	7·1	+0·5	8·1	0	0	31	1	2	4	0	1	6	13	4	0
	1730	"	888·8	938·1	..	80·0	75·2	73·2	27·9	80	..	6·6	..	6·8	0	0	31	0	3	1	1	1	8	12	5	0
Jabalpur	0530	1,289	1000·1	956·5	..	75·5	73·8	72·8	27·7	91	..	6·8	..	3·3	0	0	17	1	1	0	2	0	8	4	1	14
	0830	"	1001·7	958·2	−0·3	78·2	75·1	73·7	28·4	86	+2	7·4	+0·6	5·7	0	0	27	0	2	0	1	4	14	4	2	4
	1130	"	1001·2	958·1	..	82·1	76·6	74·1	28·8	77	..	7·3	..	6·4	0	1	27	1	3	0	0	1	18	4	1	3
	1730	"	998·2	955·2	..	82·8	76·7	74·0	28·6	76	..	7·4	..	5·7	0	0	27	0	3	0	0	2	16	4	2	4
	2330	"	1001·2	957·7	..	77·7	75·0	73·5	28·4	88	..	6·5	..	4·1	0	0	22	0	3	1	2	1	13	1	1	9
Mandla	0830	1,452	1001·7	952·8	..	76·7	74·4	73·3	28·0	90	..	7·2	..	3·3	0	0	21	5	1	0	1	2	3	3	6	10
	1730	"	998·6	950·0	..	79·8	76·1	74·3	29·1	84	..	7·0	..	3·7	0	0	22	1	1	0	1	6	3	4	6	9
Seoni	0830	2,027	892·1	934·0	−0·8	75·8	73·0	71·4	26·6	86	+2	7·5	+1·3	4·8	0	0	29	6	0	0	0	0	12	8	3	1
	1730	"	890·1	931·7	..	78·7	74·2	71·6	27·0	79	..	·5	..	4·5	0	0	27	4	1	1	1	0	9	9	2	4

*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, miles per hour.	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
hya Pradesh, West—*contd.*																										
hindwara	0830	2,248	892·7	927·0	..	74·5	71·7	70·3	25·4	87	..	5·8	..	4·3	0	0	27	1	1	0	0	0	0	18	7	4
	1730	,,	891·0	924·9	..	78·6	72·9	70·4	25·3	77	..	5·6	..	3·9	0	0	27	1	0	0	0	1	1	17	7	4
ul	0930	2,144	893·3	931·3	..	73·2	71·3	70·3	25·4	91	..	7·6	..	6·5	0	0	31	0	0	0	0	1	7	18	5	0
	1730	,,	891·1	928·7	..	77·9	73·1	70·8	25·9	80	..	7·6	..	6·1	0	0	31	1	1	0	0	0	4	15	10	0
gpur	0230	1,010	1001·1	966·7	..	75·9	73·7	72·6	27·4	90	..	6·8	..	5·1	0	2	22	0	0	0	1	0	7	12	4	7
	0530	,,	1001·4	966·9	..	75·5	73·4	72·4	27·2	91	..	6·6	..	4·5	0	2	24	0	0	0	0	1	7	14	4	5
	0830	,,	1002·8	968·4	−0·8	78·2	74·4	72·6	27·4	82	+7	6·8	+0·5	7·7	0	6	22	0	0	0	0	0	10	13	5	3
	1130	,,	1002·1	968·3	..	83·1	76·1	72·6	27·6	72	..	7·3	..	10·8	0	12	18	1	1	0	0	0	5	17	6	1
	1730	,,	999·5	965·5	..	82·3	75·5	72·4	27·1	74	..	7·4	..	8·2	0	6	22	1	0	0	1	0	8	14	4	3
	2330	,,	1002·3	968·1	..	76·9	74·4	73·1	27·9	88	..	6·8	..	5·5	0	4	20	0	0	0	0	1	10	11	2	7
rat esa	0830	444	1001·6	986·4	−1·5	79·0	76·7	75·7	30·3	90	..	5·2	..	..	0	0	21	0	0	0	1	2	18	0	0	10
	1730	,,	998·8	983·7	..	84·5	78·6	76·0	30·7	77	..	5·3	..	..	0	0	27	0	0	0	3	4	17	3	0	4
rat	0530	39	1002·4	1001·1	..	78·4	77·0	76·4	31·1	94	..	7·0	..	6·7	0	1	30	0	0	0	3	6	15	6	1	0
	0830	,,	1003·8	1002·5	−1·0	79·8	77·9	77·1	31·8	92	+10	7·4	+0·5	5·9	0	0	31	0	0	0	2	3	18	6	2	0
	1130	,,	1004·4	1003·1	..	82·4	78·9	77·4	32·1	85	..	7·6	..	8·9	0	3	27	0	0	0	0	5	20	4	1	1
	1730	,,	1001·9	1000·6	..	82·6	78·6	76·8	31·6	83	..	6·8	..	6·7	0	0	31	0	0	0	0	3	24	4	0	0
	2330	,,	1004·0	1002·7	..	79·0	77·2	76·5	31·1	92	..	6·1	..	7·3	0	0	31	0	0	0	0	5	24	2	0	0
medabad	0230	182	1001·1	994·9	..	78·0	76·3	75·5	30·2	92	..	6·7	..	8·4	0	1	30	0	0	0	1	5	17	7	1	0
	0530	,,	1001·0	994·7	..	77·3	76·0	75·3	30·1	94	..	7·0	..	7·5	0	0	31	0	0	0	1	7	18	3	2	0
	0830	,,	1002·3	996·1	−1·6	78·6	77·0	76·2	31·0	92	+10	7·5	−1·3	7·9	0	2	29	0	0	0	0	5	17	8	1	0
	1130	,,	1002·7	996·5	..	82·3	78·1	76·3	30·9	82	..	7·2	..	9·3	0	4	27	0	0	0	0	2	15	13	1	0
	1730	,,	999·8	993·7	..	83·2	78·6	76·6	31·3	82	..	6·9	..	7·9	0	1	29	0	0	0	1	6	13	8	2	1
	2330	,,	1002·3	996·1	..	78·9	76·6	75·5	30·2	90	..	6·5	..	8·2	0	1	30	0	0	0	0	9	15	5	2	0
bad	0830	1,093	1002·9	965·8	..	76·3	74·5	73·7	28·4	92	+3	7·6	+0·3	12·9	0	16	15	0	0	0	0	2	19	10	0	0
	1730	,,	1000·3	963·6	..	80·9	75·9	73·6	28·3	79	..	6·2	..	11·5	0	10	21	0	0	0	0	1	21	9	0	0
roda	0530	115	1001·8	997·8	..	77·1	76·7	76·2	31·2	98	..	7·3	..	3·0	0	0	25	0	0	0	0	5	19	1	0	6
	0830	,,	1003·3	999·3	..	78·6	77·6	77·0	31·9	96	+14	7·6	+1·0	2·8	0	0	27	0	0	0	0	5	19	3	0	4
	1130	,,	1003·5	999·5	..	82·5	78·8	77·1	31·9	86	..	6·7	..	4·7	0	0	29	0	0	0	0	1	22	5	1	2
	1730	,,	1000·9	996·9	..	82·8	79·2	77·6	32·4	85	..	6·5	..	5·0	0	1	28	0	0	0	0	6	21	2	0	2
	2330	,,	1003·2	999·2	..	78·1	77·2	76·7	31·5	96	..	6·6	..	4·4	0	0	27	0	0	0	0	6	21	0	0	4
roda (Aerodrome)	0530	124	1001·8	997·5	..	77·5	76·4	75·9	30·6	95	..	7·1	..	4·9	0	0	31	0	0	0	0	4	24	2	1	0
	0830	,,	1003·3	999·0	..	79·1	77·3	77·1	31·2	92	..	7·3	..	5·7	0	0	30	0	0	0	1	5	17	5	2	1
	1730	,,	1000·7	996·5	..	82·7	78·3	76·4	31·1	82	..	6·2	..	8·0	0	3	27	0	0	0	0	4	20	6	0	1
	2330	,,	1003·1	998·8	..	78·6	76·9	76·0	30·8	92	..	6·4	..	5·8	0	1	29	0	0	0	0	2	25	2	1	1
coach	0830	57	1002·9	1000·9	..	78·9	76·9	76·0	30·7	91	..	6·6	..	4·6	0	0	31	0	0	0	0	3	28	0	0	0
	1730	,,	1000·8	998·8	..	82·7	77·8	75·7	30·4	80	..	6·1	..	7·5	0	0	31	0	0	0	0	2	27	2	0	0
rashtra and Kutch																										
huj	0830	343	1001·5	989·7	−1·2	79·5	76·9	75·9	30·4	88	+9	6·5	+0·5	5·7	0	1	29	0	0	0	0	1	13	14	2	1
	1730	,,	999·5	987·9	..	84·0	77·5	74·5	29·3	75	..	6·3	..	13·3	0	16	15	0	0	0	0	0	18	10	3	0
huj (P. B. O.)	0230	347	1000·0	988·1	..	79·0	76·5	75·5	30·0	89	..	5·7	..	7·0	0	2	27	0	0	0	0	2	19	7	1	2
	0530	,,	999·8	988·0	..	78·3	76·0	75·1	29·6	90	..	5·7	..	5·5	0	2	25	0	1	0	0	2	18	5	1	4
	0830	,,	1000·7	989·1	..	80·2	76·9	75·7	30·1	86	..	6·6	..	5·3	0	1	26	1	0	0	0	0	20	6	0	4
	1130	,,	1001·3	989·6	..	83·7	77·7	75·4	29·7	77		6·7	..	6·8	0	1	28	0	0	0	1	1	18	8	1	2
	1730	,,	999·1	987·4	..	84·3	77·5	74·6	29·1	74	..	6·4	..	9·0	0	3	28	0	0	0	0	0	20	10	1	0
	2330	,,	1001·3	989·4	..	79·7	76·6	75·3	29·9	87	..	5·2	..	6·6	0	1	30	0	0	0	0	2	21	6	2	0
warka	0830	37	1002·2	1000·9	−1·4	81·3	78·6	77·5	32·2	88	+2	6·9	+0·1	16·3	0	16	15	0	0	0	0	0	15	15	1	0
	1730	,,	1000·7	999·4	..	82·6	78·9	77·4	32·1	84	..	6·6	..	17·7	0	21	10	0	0	0	0	0	13	18	0	0
Porbander	0830	23	1002·4	1001·6	..	80·4	78·7	78·0	32·7	94	..	6·7	..	15·3	0	15	16	0	0	0	1	1	17	11	2	0
	1730	,,	1001·2	1000·4	..	82·4	79·7	78·6	33·4	88	..	7·3	..	15·0	0	20	11	0	0	0	0	0	11	20	0	0
amnagar	0530	74	1000·8	998·2	..	77·6	76·3	75·7	30·4	93	..	5·9	..	12·6	0	14	17	0	0	0	1	4	15	11	0	0
	0830	,,	1002·1	999·6	−1·2	79·6	77·4	76·5	31·2	91	+9	6·9	+2 0	10·3	0	9	22	0	0	0	0	3	19	9	0	0
	1130	,,	1002·5	999·9	..	84·1	78·3	75·8	30·4	77	..	7·0	..	15·7	1	23	7	0	0	0	0	0	14	16	1	0
	1730	,,	1000·2	997·7	..	83·4	78·0	75·7	30·3	78	..	6·5	..	20·8	0	26	5	0	0	0	0	0	9	21	1	0
Rajkot	0830	432	1002·6	987·8	−1·0	77·9	76·4	75·5	30·4	93	+10	6·6	+0·1	6·5	0	0	31	0	0	0	0	4	18	8	1	0
	1730	,,	1000·5	985·8	..	82·4	77·2	74·8	29·5	79	..	6·8	..	8·7	0	2	29	0	0	0	0	2	15	12	2	0
Rajkot (Aerodrome)	0530	439	1001·1	986·0	..	76·0	75·4	75·0	29·8	97	..	6·6	..	11·9	0	13	18	0	0	0	0	7	23	1	0	0
	0830	,,	1002·6	987·6	..	78·2	76·7	76·0	30·7	93	..	7·4	..	12·8	0	14	17	0	0	0	0	6	21	4	0	0
	1130	,,	1002·8	987·9	..	82·6	78·0	75·9	30·7	81	..	7·5	..	17·0	0	23	8	0	0	0	0	1	22	6	2	0

TABLE III—SUMMARY OF OBSERVATIONS AT FIXED HOURS—AUGUST 1953.

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, miles per hour.	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
Saurashtra and Kutch—*contd.*																										
Veraval	0230	26	1002·1	1001·2	..	80·4	78·1	77·1	31·8	90	..	6·8	..	23·5	0	26	5	0	0	0	0	1	15	14	1	0
	0530	,,	1001·9	1001·0	..	80·2	77·9	76·7	31·6	90	..	6·9	..	23·1	1	24	6	0	0	0	0	1	12	17	1	0
	0830	,,	1003·4	1002·5	−1·5	80·7	78·2	77·3	31·9	89	+3	7·4	+0·7	22·0	1	25	5	0	0	0	0	0	13	16	2	0
	1130	,,	1004·0	1003·1	..	82·3	78·8	77·3	32·0	85	..	7·1	..	21·6	1	22	8	0	0	0	0	0	13	17	1	0
	1730	,,	1001·8	1000·9	..	81·6	78·6	77·4	32·1	87	..	6·8	..	22·1	2	25	4	0	0	0	0	0	12	17	2	0
	2330	,,	1003·6	1002·7	..	80·7	78·4	77·4	32·2	90	..	6·0	..	21·3	1	27	3	0	0	0	0	0	11	18	2	0
Mahuva	0830	51	1003·1	1001·3	..	78·8	76·9	76·4	30·7	93	..	7·1	..	9·8	0	8	22	0	0	0	0	0	10	19	1	1
	1730	,,	1001·4	999·7	..	81·4	77·8	76·2	30·9	84	..	6·7	..	19·2	0	28	3	0	0	0	0	1	24	6	0	0
Bhavnagar	0830	55	1003·6	1001·7	−0·7	78·9	76·4	75·2	29·9	89	+12	6·8	+0·5	6·0	0	0	31	0	0	0	0	9	14	8	0	0
	1730	,,	1001·1	999·2	..	83·2	77·7	75·2	29·9	78	..	6·8	..	6·1	0	0	30	1	0	0	0	5	20	3	1	1
Bhavnagar (Aerodrome)	0830	55	1003·2	1002·0	..	80·6	77·7	76·5	31·2	87	..	6·2	..	13·0	0	14	17	0	0	0	0	0	15	15	1	0
	1130	,,	1003·2	1002·0	..	85·0	78·8	76·1	30·8	76	..	6·8	..	14·7	0	16	15	0	0	0	0	0	10	20	1	0
Konkan																										
Dahanu	0830	15	1004·6	1004·1	..	79·7	78·1	77·2	32·2	93	..	7·4	..	16·5	0	19	12	0	0	3	3	0	11	14	0	0
	1730	,,	1003·2	1002·7	..	82·5	79·6	78·3	33·3	88	..	7·0	..	20·1	0	27	4	0	0	0	0	0	13	18	0	0
Bombay (Colaba)	0830	35	1006·0	1004·8	−0·5	79·9	77·2	76·0	30·7	88	+5	7·1	+0·1	11·7	0	15	15	0	0	0	2	1	18	9	0	1
	1130	,,	1006·4	1005·2	..	83·1	78·7	76·8	31·5	82	..	6·6	..	10·7	0	6	25	0	0	0	0	3	16	12	0	0
	1730	,,	1004·4	1003·2	..	81·1	77·5	75·8	30·6	84	..	6·9	..	12·2	0	13	18	0	0	0	0	1	16	14	0	0
Bombay (Santacruz Aerodrome)	0230	27	1004·6	1003·7	..	79·0	76·1	75·1	29·4	88	..	6·9	..	11·1	0	12	17	0	0	0	2	2	13	11	1	2
	0530	,,	1004·4	1003·5	..	78·9	76·1	75·0	29·5	88	..	7·4	..	11·7	0	15	14	1	0	1	1	3	10	13	0	2
	0830	,,	1005·9	1005·0	−0·6	79·8	76·6	75·2	29·8	86	+4	7·5	+0·5	10·9	0	13	17	0	0	1	1	3	11	13	1	1
	1130	,,	1006·4	1005·5	..	82·4	77·7	75·6	30·3	80	..	7·3	..	13·2	0	18	13	0	0	0	0	2	14	14	1	0
	1730	,,	1004·2	1003·3	..	82·0	77·1	74·8	29·6	79	..	7·2	..	13·7	0	16	15	0	0	0	0	0	13	17	1	0
	2330	,,	1006·2	1005·3	..	80·0	76·5	75·0	29·6	85	..	6·9	..	11·0	0	14	14	0	0	0	1	1	13	12	1	1
Alibag	0830	23	1006·4	1005·6	−0·3	79·7	77·6	76·8	31·4	91	+7	7·5	+0·2	15·2	0	20	11	0	0	1	4	1	12	12	1	0
Harnai	0830	66	1006·8	1004·5	..	79·8	76·8	75·6	30·1	87	..	5·4	..	12·8	0	16	14	0	0	0	3	2	13	10	2	1
	1730	,,	1005·4	1003·1	..	81·0	77·1	75·4	30·0	83	..	5·3	..	13·4	0	21	10	0	0	0	0	0	17	14	0	0
Ratnagiri	0830	116	1007·6	1003·6	−0·1	79·0	76·5	75·5	30·0	89	..	6·8	..	..	0	16	15	0	1	4	0	0	18	8	0	0
	1730	,,	1005·9	1001·9	..	80·3	77·0	75·5	30·2	86	..	7·1	..	..	0	17	14	1	0	0	0	0	20	10	0	0
Devgad	0830	117	1007·8	1003·8	..	79·4	77·3	76·3	31·0	90	..	7·4	..	17·9	0	24	6	0	0	3	0	0	3	18	6	1
	1730	,,	1006·2	1002·2	..	81·1	78·0	76·6	31·3	86	..	7·3	..	20·2	0	25	6	0	0	0	0	1	3	18	9	0
Vengurla	0230	29	1007·2	1006·2	..	78·6	75·9	74·6	29·3	88	..	6·6	..	..	0	7	12	0	0	0	0	0	2	16	1	11
	0530	,,	1007·2	1006·2	..	78·3	75·7	74·6	29·2	89	..	6·5	..	..	0	3	14	0	0	0	0	1	1	13	2	10
	0830	,,	1008·7	1007·7	..	79·5	76·6	75·4	29·9	88	..	7·0	..	..	0	1	16	0	0	0	1	0	2	13	1	14
	1130	,,	1009·1	1008·1	..	82·1	77·9	76·1	30·7	82	..	6·8	..	..	0	0	20	0	0	0	0	0	2	17	1	11
	1730	,,	1007·0	1006·0	..	81·1	77·2	75·5	30·1	83	..	6·9	..	..	0	0	20	0	0	0	0	0	3	15	2	11
	2330	,,	1008·9	1008·0	..	79·1	76·4	75·3	29·8	88	..	6·2	..	..	0	2	18	0	0	0	0	1	3	14	2	11
Marmagao	0830	202	1008·7	1001·7	+0·2	79·6	76·4	75·1	29·6	86	−1	5·7	−0·8	9·5	0	5	26	0	1	2	0	0	11	15	2	1
	1730	,,	1006·9	999·9	..	80·7	76·6	74·9	29·4	82	..	5·8	..	11·0	0	11	20	0	0	0	0	1	11	16	3	1
Karwar	0830	13	1009·0	1008·5	+0·1	79·5	76·4	75·3	29·8	88	..	6·8	..	..	0	2	24	0	0	0	0	0	26		0	1
	1730	,,	1007·2	1006·7	..	81·2	77·6	76·1	30·7	85	..	6·3	..	..	0	0	30	0	0	0	0		27	0	3	1
Honavar	0830	85	1009·5	1006·6	..	77·9	76·3	75·7	30·2	93	..	6·5	..	3·7	0	0	28	0	0	4	2	0	11	8	3	1
	1730	,,	1007·6	1004·7	..	80·7	77·7	76·4	31·1	87	..	6·6	..	3·7	0	0	28	0	0	0	0	1	9	16	2	1
Deccan (Desh)																										
Jalgaon	0830	660	1004·1	981·6	..	77·5	74·5	73·1	27·8	87	..	6·3	..	7·0	0	2	27	0	0	0	0	1	10	14	4	1
	1730	,,	1000·5	978·2	..	84·4	76·7	72·8	27·9	70	..	6·0	..	11·9	0	11	19	1	0	0	0	0	5	8	16	1
Malegaon	0830	1,432	1003·7	955·4	−1·1	77·4	73·4	71·2	26·3	81	+5	6·2	+0·4	3·4	0	0	29	0	0	0	0	0	5	24	0	1
	1730	,,	1001·2	953·3	..	81·1	75·3	72·6	27·3	75	..	5·7	..	3·5	0	0	25	1	0	0	0	0	2	21	1	0
Deolali	0830	1,875	893·6	941·5	..	72·9	70·9	69·8	25·0	91	..	7·2	..	12·1	0	15	16	0	0	0	0	0	20	11	0	0
Ahmednagar	0830	2,154	894·9	932·6	−1·0	73·6	70·1	67·9	23·7	83	+5	6·1	+0·7	4·3	0	0	31	0	0	0	1	0	28	0	2	0
	1730	,,	893·6	930·8	..	79·7	70·9	66·4	22·2	64	..	6·7	..	6·4	0	0	31	0	1	0	0	0	23	0	7	0
Poona	0530	1,855	893·0	942·4	..	71·4	69·5	68·6	23·8	91	..	6·5	..	2·8	0	1	23	0	0	0	0	0	4	17	3	1
	0830	,,	894·6	943·8	−0·6	73·8	70·9	69·5	24·6	87	+6	6·7	+0·3	3·0	0	0	27	0	0	0	0	0	6	19	2	0
	1130	,,	895·3	944·1	..	78·3	72·4	69·6	24·8	75	..	6·9	..	6·4	0	0	31	0	0	0	0	0	6	25	0	0
	1730	,,	893·2	942·0	..	77·2	71·9	69·5	24·6	77	..	6·7	..	5·2	0	0	31	0	0	0	0	0	4	23	4	0
	2330	,,	894·7	944·0	..	72·4	70·0	68·8	24·1	88	..	5·1	..	2·8	0	0	22	0	0	0	0	0	5	16	1	0
Poona (Lohagaon Aerodrome)	0230	1,947	893·8	938·9	..	71·0	69·3	68·4	23·8	92	..	6·4	..	9·8	0	10	15	0	0	0	0	0	0	23	2	0
	0530	,,	893·8	938·6	..	70·7	68·9	68·1	23·4	91	..	6·8	..	8·5	0	9	14	0	0	0	0	0	0	22	1	0
	0830	,,	894·8	940·0	..	73·2	70·3	68·8	24·1	86	..	6·9	..	9·5	0	10	21	0	0	0	0	0	2	26	3	0

(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, miles per hour.	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
n (Desh)—*contd.*																										
ia (Lohagaon Aerodrome) *contd.*	1130	1,947	895·5	940·4	..	77·4	71·7	68·9	24·3	75	..	7·1	..	17·2	0	23	8	0	0	0	0	0	1	27	3	0
	1730	,,	893·4	938·3	..	76·1	71·0	68·4	23·9	78	..	6·9	..	19·1	0	28	3	0	0	0	0	0	2	26	3	0
	2330	,,	895·0	940·4	..	71·5	69·5	68·6	23·8	91	..	6·4	..	8·2	1	3	25	0	0	0	0	0	1	26	2	2
. . . . .	0830	1,709	894·3	947·8	..	76·3	72·7	71·2	26·0	84	..	6·2	..	10·0	0	6	24	0	0	0	0	1	9	12	8	1
	1730	,,	892·5	945·0	..	84·6	76·1	72·6	27·3	68	..	6·9	..	17·3	0	24	7	0	1	0	0	0	4	16	10	0
apur	0530	1,570	1005·3	951·9	..	72·5	69·6	68·2	23·5	86	..	5·3	..	2·6	0	0	22	1	0	0	0	0	21	0	0	9
	0830	,,	1006·1	953·1	−0·2	76·6	71·4	68·7	24·1	77	+2	5·5	+0·1	2·7	0	0	30	0	0	0	0	0	28	2	0	1
	1130	,,	1005·3	952·9	..	83·2	72·7	67·8	23·2	61	..	7·1	..	5·4	0	1	24	0	0	0	0	0	19	6	0	6
	1730	,,	1001·8	949·9	..	85·1	72·2	65·6	21·7	53	..	7·0	..	4·6	0	0	28	0	0	0	0	0	28	0	0	3
	2330	,,	1006·5	953·3	..	75·7	70·6	68·1	23·5	78	..	5·6	..	3·4	0	0	18	2	0	0	0	0	12	4	0	13
ij	0830	1,817	895·9	946·0	0	72·8	70·3	69·1	24·3	88	+3	7·0	−0·1	8·0	0	2	27	0	0	0	0	1	11	15	2	2
	1730	,,	894·6	944·1	..	77·8	72·0	69·2	24·4	75	..	7·0	..	12·6	0	16	15	0	0	0	0	0	8	21	2	0
apur	0530	1,870	894·3	942·4	..	71·0	69·5	68·6	24·0	92	..	6·7	..	11·2	0	13	14	0	0	0	0	0	3	24	0	4
	0830	,,	895·8	943·8	..	72·6	70·4	69·3	24·5	89	..	6·9	..	12·3	0	17	12	0	0	0	0	0	2	27	0	2
	1130	,,	896·3	944·1	..	76·1	71·9	69·8	25·0	82	..	6·6	..	15·6	0	20	11	0	0	0	0	0	1	29	1	0
	1730	,,	894·3	942·0	..	75·1	71·4	69·5	24·8	84	..	7·1	..	15·7	0	26	5	0	0	0	0	0	0	30	1	0
pur	0830	1,950	895·9	941·0	−0·2	74·0	70·1	68·1	23·5	82	+5	5·8	+0·2	5·9	0	0	31	0	0	0	0	0	8	16	6	0
	1730	,,	894·0	938·2	..	82·0	71·6	66·4	22·2	61	..	6·8	..	5·9	0	0	31	0	0	0	0	0	1	29	1	0
aum	0830	2,562	899·0	922·9	+0·8	69·2	68·3	67·9	23·3	95	+3	6·7	−0·4	1·9	0	0	16	0	0	0	0	3	3	10	0	15
	1730	,,	897·3	921·0	..	73·0	70·2	68·8	24·1	87	..	6·7	..	3·7	0	0	29	1	0	0	0	3	10	15	0	2
aum (Sambre Aerodrome) .	0530	2,497	897·0	923·0	..	68·9	67·8	67·3	22·8	94	..	6·8	..	11·1	0	11	20	0	0	0	0	0	7	24	0	0
	0830	,,	898·0	924·0	..	71·0	69·1	68·1	23·5	91	..	7·1	..	16·5	0	19	12	0	0	0	0	0	6	24	1	0
	1130	,,	898·3	924·1	..	74·2	70·4	68·5	23·9	83	..	7·2	..	21·7	0	26	5	0	0	0	0	0	5	25	1	0
	1730	,,	897·0	922·8	..	73·1	69·8	68·2	23·5	85	..	7·1	..	20·3	0	30	1	0	0	0	0	0	8	23	0	0
lag	0830	2,131	897·7	936·3	+0·4	73·3	69·8	68·3	23·5	84	0	7·4	+1·5	10·8	0	8	23	0	0	0	0	0	7	23	1	0
	1730	,,	895·8	934·0	..	70·7	70·8	66·2	22·5	67	..	7·2	..	11·9	0	9	22	0	0	0	0	0	6	24	1	0
lag (P.B.O.) . . .	0530	2,167	896·1	933·5	..	70·9	69·1	68·5	23·5	92	..	5·5	..	..	0	9	18	0	0	0	0	0	14	13	0	4
	0830	,,	897·6	934·9	..	73·9	70·7	69·6	24·4	86	..	7·2	..	..	0	7	24	0	0	0	0	0	15	16	0	0
	1130	,,	898·0	935·0	..	79·0	72·2	69·5	24·2	73	..	7·1	..	..	0	12	19	0	0	0	0	0	11	20	0	0
	1730	,,	895·8	932·7	..	79·0	71·7	68·6	23·6	72	..	6·8	..	..	0	15	16	0	0	0	0	0	8	23	0	0
	2330	,,	897·7	935·1	..	72·2	70·1	69·3	24·3	91	..	5·5	..	..	0	6	24	0	0	0	0	0	10	20	0	1
rabad, North																										
angabad	0830	1,905	894·1	940·8	−1·0	72·5	70·9	70·0	25·2	92	+9	6·4	−0·6	6·4	0	1	29	0	0	0	0	0	16	13	1	1
	1730	,,	892·5	938·5	..	79·8	73·3	70·4	25·3	74	..	7·2	..	15·2	0	20	11	1	1	0	0	0	5	24	0	0
angabad (Chikalthana Aerodrome)	0230	1,898	892·5	939·5	..	71·2	69·5	68·5	24·0	91	..	6·1	..	9·7	0	4	26	0	0	0	0	0	5	21	4	1
	0530	,,	892·4	939·4	..	70·6	69·1	68·4	23·7	93	..	6·5	..	8·8	0	2	29	0	0	0	0	0	5	21	5	0
	0830	,,	894·1	940·9	..	74·2	70·8	69·1	24·4	84	..	6·7	..	9·3	0	4	27	0	0	0	0	0	9	15	7	0
	1130	,,	894·6	940·9	..	79·4	72·6	69·4	24·6	72	..	7·0	..	11·6	0	9	22	0	0	0	0	0	3	22	6	0
	1730	,,	892·1	938·3	..	79·6	71·9	68·1	23·6	69	..	7·0	..	12·4	0	13	18	1	0	0	0	0	4	14	12	0
	2330	,,	893·9	940·9	..	72·9	70·1	68·6	24·0	87	..	5·9	..	8·7	0	1	30	0	0	0	0	0	2	22	7	0
bhani	0830	1,389	1005·2	958·1	..	76·2	72·1	69·6	25·0	81	..	5·8	..	7·6	0	1	30	0	0	0	0	0	7	20	4	0
	1730	,,	1001·4	954·9	..	82·4	73·8	69·2	24·6	66	..	6·7	..	9·7	0	5	26	1	0	0	0	0	4	18	8	0
nagundam . . .	0830	513	1004·2	986·2	..	78·6	74·6	72·6	27·4	83	..	6·8	..	4·1	0	0	27	1	0	0	1	0	13	8	4	4
	1730	,,	1000·5	983·2	..	84·8	77·1	73·7	28·3	70	..	6·7	..	5·1	0	1	28	2	1	0	0	2	7	13	4	2
amabad	0830	1,250	1004·9	962·4	−0·4	77·0	73·0	71·0	25·9	81	+2	5·7	+0·6	2·3	0	0	12	0	0	0	0	0	12	0	0	19
	1730	,,	1001·2	959·3	..	82·2	75·6	72·5	27·3	74	..	6·4	..	3·0	0	0	21	1	0	0	0	0	14	5	1	10
ar	0830	2,178	895·3	932·2	..	72·6	70·0	68·6	24·0	88	+5	6·7	+1·3	18·3	0	26	5	0	0	0	0	0	17	14	0	0
	1730	,,	893·3	929·6	..	80·2	71·8	67·5	23·0	67	..	6·9	..	12·1	0	13	18	1	0	0	0	1	11	16	2	0
rabad, South																										
barga	0830	1,503	1006·3	955·3	−0·3	75·2	71·4	69·5	24·7	83	+5	5·5	0	12·5	0	12	19	0	0	0	0	0	14	12	5	0
	1730	,,	1002·0	951·9	..	83·5	72·8	67·3	23·1	63	..	6·1	..	15·6	0	21	10	0	1	0	0	0	3	22	5	0
chur	0830	1,311	1006·9	962·5	0	77·1	71·8	68·9	24·2	76	0	6·1	+1·8	11·5	0	9	22	0	0	0	0	0	14	15	2	0
	1730	,,	1002·5	959·1	..	85·9	73·3	66·1	22·5	54	..	7·0	..	14·1	0	17	14	1	0	0	1	0	8	17	4	0
hbubnagar . . .	0830	1,657	894·9	950·5	..	74·9	71·0	69·1	24·3	82	..	6·1	..	11·4	0	10	21	0	0	0	0	2	11	11	7	0
	1730	,,	892·7	947·4	..	82·4	73·4	69·4	24·5	66	..	6·9	..	8·1	0	2	29	1	1	0	0	0	6	18	5	0
erabad (Begumpet Aerodrome)	0230	1,787	893·0	943·8	..	73·6	70·5	69·0	24·2	86	..	5·9	..	14·5	0	16	13	0	0	0	0	1	11	16	1	2
	0530	,,	893·1	944·1	..	72·2	69·9	68·7	24·0	91	..	5·9	..	14·3	0	17	14	0	0	0	0	0	8	20	3	0
	0830	,,	894·7	945·5	+0·2	75·2	71·2	69·3	24·5	81	+1	6·3	+0·2	16·2	0	20	11	0	0	0	1	0	8	22	1	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, miles per hour.	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	C
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	
Hyderabad, South—*contd.*																										
Hyderabad (Begumpet Aerodrome)—*contd*	1130	1,787	895·0	945·4	..	79·9	73·1	69·9	25·0	72	..	6·5	..	17·9	0	25	6	0	0	0	0	0	7	20	4	
	1730	,,	892·4	942·5	..	81·4	73·0	69·0	24·3	68	..	6·6	..	15·1	0	15	16	2	0	0	0	0	7	19	3	
	2330	,,	894·4	945·1	..	75·3	71·5	69·7	24·8	83	..	6·3	..	13·2	0	17	11	0	0	0	1	0	9	15	3	
Hakimpet	0530	2,012	893·2	936·1	..	71·3	69·4	68·5	23·7	91	..	5·7	..	15·7	0	21	10	0	0	0	0	0	3	26	2	
	0830	,,	894·8	937·5	..	74·1	70·9	69·4	24·6	85	..	6·1	..	18·8	0	27	4	0	0	0	0	0	4	24	3	
	1130	,,	895·2	937·5	..	78·6	72·8	70·1	25·2	75	..	6·6	..	20·2	0	27	4	1	0	0	0	0	0	25	5	
	1730	,,	892·7	934·8	..	80·2	73·3	70·1	25·2	72	..	6·3	..	14·7	0	17	14	2	0	0	0	0	3	21	5	
Hanamkonda	0830	881	1005·0	974·9	−0·3	78·3	74·1	72·2	26·9	82	+7	5·2	−0·6	7·2	0	0	30	1	1	0	0	1	6	13	8	
	1730	,,	1001·9	972·3	..	83·5	76·3	72·9	27·7	72	..	6·3	..	5·6	0	1	30	4	1	0	1	0	0	17	8	
Bhadrachallam	0830	364	1005·0	992·5	..	80·2	75·7	73·7	28·3	81	..	6·0	..	6·1	0	0	29	0	2	0	0	0	14	9	4	
	1730	,,	1001·8	989·5	..	84·1	76·7	73·3	28·0	72	..	6·9	..	6·3	0	1	30	1	4	0	0	0	8	11	7	
Khammameth	0830	367	1005·1	992·5	..	80·4	76·0	73·6	28·6	81	..	5·2	..	4·5	0	0	30	0	0	1	0	2	1	26	0	
	1730	,,	1001·8	989·4	..	86·3	78·0	74·2	28·9	69	..	6·7	..	3·4	0	0	30	0	0	2	0	1	1	26	0	
Coastal Andhradesa																										
Nellore	0530	65	1005·0	1002·7	..	80·5	74·4	71·3	26·4	75	..	4·8	..	3·4	0	0	26	0	0	0	0	1	5	16	4	
	0830	,,	1006·7	1004·4	+0·3	84·2	75·4	71·1	26·1	66	+1	6·0	0	4·5	0	0	30	0	0	0	1	0	6	21	2	
	1130	,,	1006·0	1003·8	..	90·0	76·4	69·7	24·9	53	..	5·1	..	6·7	0	0	31	0	0	0	1	0	4	25	1	
	1730	,,	1002·9	1000·7	..	91·1	77·3	70·9	25·7	53	..	6·7	..	4·7	0	0	28	0	0	4	2	1	5	14	2	
	2330	,,	1005·8	1003·6	..	83·4	76·3	72·7	27·7	72	..	5·0	..	4·7	0	0	27	0	0	1	6	4	3	12	1	
Ongole	0830	38	1005·8	1004·5	..	84·4	77·6	74·4	29·3	73	..	4·7	..	6·1	0	1	29	0	0	0	0	2	13	13	2	
	1730	,,	1002·2	1000·9	..	90·6	79·8	75·0	29·8	62	..	6·1	..	6·1	0	1	28	0	0	0	7	0	8	13	1	
Gannavaram	0530	88	1003·8	1000·8	..	78·5	75·3	74·0	28·5	86	..	6·2	..	7·4	0	4	25	0	0	0	0	1	11	16	1	
	0830	,,	1005·4	1002·4	..	82·3	76·6	73·9	28·7	76	..	5·5	.	11·1	0	6	24	0	0	0	0	0	9	19	2	
	1130	,,	1005·0	1002·0	..	86·7	78·1	73·6	28·9	66	..	5·8	..	15·1	0	18	12	0	0	0	0	0	3	20	7	
	1730	,,	1002·2	999·3	..	85·9	77·2	73·1	27·9	67	..	6·5	..	9·4	0	7	22	3	0	0	1	0	5	13	7	
	2330	,,	1004·7	1001·7	..	80·3	76·7	75·0	29·7	85	..	6·2	..	7·0	0	6	19	1	0	1	0	2	8	11	2	
Masulipatam	0230	10	1003·4	1003·1	..	79·8	77·6	76·5	31·3	90	..	5·4	..	7·4	0	1	29	0	0	0	0	4	12	12	2	
	0530	,,	1003·8	1003·5	..	79·0	76·6	75·5	30·2	90	..	6·0	..	5·9	0	1	28	0	0	0	0	3	7	13	6	
	0830	,,	1005·3	1005·0	−0·1	81·5	77·3	75·3	30·1	82	+3	6·1	+0·3	7·3	0	2	29	0	0	0	0	2	7	17	5	
	1130	,,	1005·0	1004·7	..	85·9	78·2	74·9	30·3	71	..	6·0	..	10·3	0	5	26	0	0	0	0	0	4	18	9	
	1730	,,	1002·1	1001·8	..	87·1	79·1	75·7	30·3	70	..	6·3	..	8·6	0	3	27	0	0	0	2	4	2	13	9	
	2330	,,	1004·7	1004·4	..	80·9	78·3	77·1	31·9	89	..	5·8	..	6·7	0	4	22	0	1	0	1	3	11	8	2	
Kakinada	0830	26	1004·6	1003·7		83·2	78·4	76·0	31·0	80	0	5·4	−0·5	7·0	0	0	31	0	0	0	0	0	31	0	0	
	1730	,,	1001·8	1000·9	..	85·4	79·3	76·7	31·4	77	..	6·3	..	7·6	0	2	29	0	0	0	0	0	28	1	2	
Visakhapatnam	0230	11	1001·3	1000·9	..	79·5	77·0	75·7	30·5	89	..	5·8	..	5·4	0	5	11	0	0	0	0	0	12	3	1	
	0530	,,	1001·6	1001·2	..	79·0	76·5	75·3	30·0	89	..	6·7	..	4·8	0	5	8	0	0	0	0	0	9	4	0	
	0830	,,	1003·0	1002·6	−0·6	82·7	77·5	75·1	29·9	78	−6	6·4	−0·1	9·0	0	8	20	0	0	0	0	0	18	8	2	
	1130	,,	1002·4	1002·0	..	87·8	78·8	75·3	29·6	67	..	6·1	..	12·5	0	15	15	0	0	0	0	3	10	12	5	
	1730	,,	1000·2	999·8	..	85·4	78·2	75·0	29·7	72	..	6·7	..	9·7	0	10	18	0	0	0	0	3	13	7	5	
	2330	,,	1002·8	1002·4	..	80·5	77·5	76·3	30·9	87	..	5·8	..	2·6	0	1	10	0	0	0	0	0	6	4	1	
Calingapatam	0830	19	1002·4	1001·7	−0·7	80·5	77·5	76·1	30·9	87	+6	7·0	+1·8	5·8	0	1	30	0	0	0	0	0	11	15	5	
	1730	,,	999·8	999·1	..	83·9	79·3	77·2	32·1	81	..	7·1	..	6·9	0	2	29	0	0	0	0	0	13	16	2	
Rentachintala	0830	348	1005·4	993·4	..	80·9	75·0	72·1	26·9	75	+8	6·5	−0·2	3·1	0	0	21	0	0	0	0	0	0	21	0	
	1730	,,	1001·8	990·1	..	89·0	76·9	71·1	26·1	57	..	7·2	..	3·0	0	0	26	0	0	0	0	0	2	23	1	
Rayalaseema																										
Arogyavaram	0830	2,299	898·5	931·0	..	76·0	68·3	65·3	20·2	69	..	6·8	..	8·2	0	5	25	0	0	0	0	0	0	23	7	
	1730	,,	895·9	927·9	..	83·4	70·9	64·4	20·2	53	..	7·1	..	7·2	0	2	28	0	0	0	0	1	5	17	7	
Guddapah	0830	428	1007·6	993·0	+0·2	83·9	74·5	69·7	25·6	63	−5	7·1	+1·2	1·9	0	0	20	0	0	0	0	0	0	20	0	
	1730	,,	1002·9	988·5	..	89·8	77·1	70·8	26·1	55	..	7·2	..	2·1	0	0	21	0	0	0	0	0	0	21	0	
Bellary	0830	1,478	1006·9	957·2	−0·3	78·1	71·9	68·6	23·9	73	+6	6·2	+0·6	5·8	0	0	31	0	0	0	0	0	5	5	21	
	1730	,,	1003·2	954·2	..	85·2	73·3	67·3	22·6	56	..	6·6	..	5·6	0	0	30	0	0	0	1	0	3	5	21	
Kurnool	0830	923	1007·1	975·6	0	78·4	73·3	71·0	25·7	78	+4	5·9	0	13·0	0	15	15	0	0	0	0	0	13	17	0	
	1730	,,	1002·5	971·7	..	86·0	75·1	69·5	24·8	61	..	6·3	..	13·0	0	18	7	0	0	0	0	0	11	14	0	
Anantapur	0530	1,147	1005·9	966·8	..	76·1	71·3	68·6	24·0	78	..	6·1	..	8·0	0	5	23	0	0	0	0	0	2	26	0	
	0830	,,	1007·2	968·3	..	79·0	72·4	69·0	24·2	72	..	6·3	..	12·9	0	15	16	0	0	0	0	0	8	23	0	
	1130	,,	1006·3	967·9	..	85·6	73·5	66·9	22·7	54	..	6·7	..	13·9	0	19	10	0	0	0	0	0	3	26	0	
	1730	,,	1003·0	964·8	..	87·2	73·5	66·0	22·0	51	..	6·7	..	15·9	0	18	13	0	0	0	0	0	2	26	3	
	2330	,,	1006·9	968·0	..	79·5	72·3	68·4	23·9	70	..	5·0	..	13·6	0	17	13	0	0	0	0	0	1	29	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, miles per hour.	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
nad																										
yamcottai	0830	167	1009·2	1003·5	..	85·8	75·3	70·0	25·2	60	..	5·1	..	5·2	0	2	29	0	0	0	1	0	4	16	10	0
	1730	,,	1006·1	1000·5	..	89·0	75·5	68·6	24·0	52	..	6·1	..	7·7	0	4	27	0	0	3	2	1	1	21	3	0
ban	0830	37	1009·2	1007·9	+0·7	83·7	78·2	75·2	30·5	77	+1	4·5	+1·6	6·4	0	2	29	1	1	2	3	6	13	4	1	0
	1730	,,	1005·9	1004·6	..	84·3	79·0	77·4	31·4	78	..	5·0	..	12·6	0	11	20	0	0	1	10	14	5	1	0	0
aurai	0830	437	1008·7	993·8	+0·4	84·4	73·6	67·9	23·4	59	−3	5·2	0	3·3	0	0	26	2	0	0	0	0	0	9	15	5
	1730	,,	1004·8	990·1	..	91·7	75·5	67·0	22·8	45	..	6·1	..	4·8	0	1	27	0	0	1	1	1	5	16	4	3
apattinam	0830	31	1008·9	1007·8	+0·6	83·7	75·3	71·2	26·1	66	−4	5·8	+1·2	6·5	0	0	31	0	0	0	0	1	9	20	1	0
	1730	,,	1005·0	1003·9	..	88·5	78·0	73·1	27·9	62	..	5·7	..	9·0	0	3	27	0	0	3	8	8	10	1	0	1
chirapalli	0230	289	1006·9	996·9	..	80·6	72·2	67·9	23·2	66	..	3·8	..	16·5	1	16	11	1	0	0	0	0	0	23	4	3
	0530	,,	1007·2	997·2	..	79·6	71·7	67·4	23·0	67	..	5·5	..	13·6	0	14	15	1	0	0	0	0	0	25	3	2
	0830	,,	1008·6	998·7	+0·2	83·9	73·3	68·2	23·2	61	−3	5·8	+1·2	17·9	1	20	10	0	0	0	0	0	1	28	2	0
	1130	,,	1007·6	997·8	..	90·3	75·0	66·8	22·7	47	..	5·5	..	22·2	1	26	4	0	0	0	0	0	0	27	4	0
	1730	,,	1004·2	994·5	..	92·8	75·1	65·8	21·7	42	..	5·3	..	20·7	2	18	9	2	0	1	0	2	0	20	4	2
	2330	,,	1008·3	998·3	..	82·2	73·0	67·9	23·6	63	..	4·7	..	14·3	1	14	14	0	0	0	0	2	0	25	2	2
batore	0830	1,341	1009·8	964·2	+0·9	77·5	71·8	68·1	24·1	73	−8	5·1	+0·8	12·9	0	14	17	0	0	0	0	0	15	16	0	0
	1730	,,	1006·6	960·5	..	82·1	72·7	67·7	23·8	62	..	5·8	..	13·4	0	19	12	0	0	0	0	0	15	16	0	0
batore (Peelamedu Aero-drome).	0530	1,307	1007·7	963·1	..	73·1	70·4	69·0	24·2	88	..	5·8	..	12·5	0	15	14	0	0	0	0	6	20	3	0	2
	0830	,,	1008·9	964·6	..	77·3	72·0	69·3	24·4	77	..	6·1	..	13·5	0	17	12	0	0	0	0	9	16	4	0	2
	1130	,,	1007·9	964·2	..	84·4	72·8	66·6	22·4	55	..	6·2	..	18·2	0	21	8	0	0	0	0	0	8	19	2	2
	1730	,,	1005·5	961·6	..	82·0	72·7	67·7	23·3	62	..	6·3	..	19·9	0	26	5	0	0	0	0	8	20	3	0	0
	2330	,,	1009·0	964·4	..	74·8	71·6	70·0	25·1	85	..	5·3	..	15·3	0	21	9	0	0	0	0	7	21	2	0	1
m	0530	913	1007·0	975·7	..	75·5	71·9	70·1	25·1	84	..	4·3	..	4·1	0	0	28	0	0	0	0	0	25	3	0	3
	0830	,,	1008·8	977·7	+0·3	78·5	72·9	70·2	25·1	76	−2	4·8	−0·4	5·1	0	0	31	1	0	0	0	0	28	2	0	0
	1130	,,	1007·8	977·1	..	85·7	74·2	68·3	23·6	57	..	4·6	..	4·5	0	0	31	0	0	0	0	2	25	4	0	0
	1730	,,	1004·3	973·8	..	88·1	74·3	66·8	22·7	51	..	6·7	..	3·5	0	0	22	1	0	3	0	2	4	10	2	9
	2330	,,	1008·2	977·2	..	80·2	72·8	69·1	24·2	69	..	4·6	..	4·6	0	0	27	0	0	0	0	2	21	4	0	4
akurichi	0830	416	1007·9	993·6	..	81·8	73·8	69·6	24·9	67	..	4·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1730	,,	1003·6	989·7	..	91·5	75·0	66·0	22·2	45	..	5·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
dalore	0530	39	1006·6	1005·3	..	79·3	73·7	70·8	25·9	76	..	5·4	..	2·3	0	0	17	0	0	0	0	1	7	8	1	14
	0830	,,	1008·2	1006·9	+0·5	84·2	75·1	70·7	25·7	65	−8	5·1	+0·1	4·5	0	0	26	0	0	0	1	0	21	4	0	5
	1130	,,	1007·6	1006·3	..	91·1	76·6	68·8	24·7	49	..	4·7	..	6·4	0	3	25	0	0	0	1	2	10	11	4	3
	1730	,,	1004·1	1002·8	..	90·6	77·3	70·7	26·0	55	..	6·8	..	4·6	0	0	30	0	0	2	9	4	7	8	0	1
	2330	,,	1007·4	1006·1	..	83·6	76·3	72·7	27·6	71	..	3·4	..	6·8	0	4	21	0	0	0	0	5	13	7	0	6
re	0530	703	1006·2	982·2	..	78·6	72·0	68·3	23·8	71	..	6·3	..	5·0	0	0	25	1	0	0	0	0	5	14	5	6
	0830	,,	1007·6	983·8	+0·7	82·5	72·9	67·9	23·3	62	−8	5·5	+1·0	6·6	0	0	31	0	0	0	0	0	3	20	8	0
	1130	,,	1006·5	982·9	..	88·9	74·7	67·3	22·9	50	..	6·4	..	8·6	0	3	28	1	0	0	0	0	4	18	8	0
	1730	,,	1003·5	980·1	..	90·3	75·2	67·3	23·0	48	..	7·0	..	7·6	0	0	30	0	4	0	0	2	6	13	5	1
	2330	,,	1007·1	983·2	..	82·3	73·6	69·0	24·4	65	..	5·9	..	5·9	0	0	26	0	0	0	0	6	4	9	7	5
ras	0230	51	1005·4	1003·7	..	83·2	76·5	73·6	28·1	74	..	5·1	..	10·3	0	8	22	0	0	0	0	5	16	9	0	1
	0530	,,	1005·8	1004·1	..	81·9	75·4	72·5	27·1	74	..	5·9	..	9·5	0	8	22	0	0	0	1	1	14	13	1	1
	0830	,,	1007·5	1005·8	+0·5	84·9	76·3	72·3	27·1	67	−1	5·9	+0·5	11·5	0	9	22	0	1	0	0	0	10	19	1	0
	1130	,,	1006·7	1005·0	..	90·9	78·0	72·1	26·8	55	..	6·1	..	14·5	0	15	16	1	0	0	1	1	7	20	1	0
	1730	,,	1003·6	1001·9	..	91·5	78·4	72·6	27·2	55	..	6·7	..	11·2	0	11	19	0	0	0	6	1	9	12	2	1
	2330	,,	1006·6	1004·9	..	84·9	77·6	74·5	29·1	73	..	5·0	..	7·6	0	6	21	0	0	0	1	7	11	7	1	4
ras (Nungambakkam)	0830	21	1007·1	1006·4	..	84·8	75·1	70·2	25·3	63	..	5·8	..	5·3	0	0	29	0	0	0	0	1	20	7	1	2
ar and South Kanara																										
galore	0230	72	1008·8	1006·3	..	78·2	76·0	75·0	29·6	91	..	6·3	..	6·1	0	2	23	0	1	2	1	0	2	16	3	6
	0530	,,	1008·8	1006·3	..	77·7	75·5	74·5	29·1	90	..	6·7	..	5·2	0	2	21	0	0	1	1	0	2	17	2	8
	0830	,,	1010·4	1007·9	+0·5	79·3	76·4	74·9	29·7	87	−3	6·8	+0·1	4·8	0	0	21	0	0	3	0	0	5	11	2	10
	1130	,,	1010·6	1008·9	..	82·7	78·0	75·9	30·6	80	..	6·4	..	4·4	0	0	25	0	0	0	0	0	6	17	2	6
	1730	,,	1008·3	1005·7	..	81·5	77·3	75·3	30·1	82	..	6·7	..	5·8	0	0	28	1	0	0	0	0	5	17	5	3
	2330	,,	1010·5	1008·0	..	78·3	76·0	75·0	29·6	90	..	5·9	..	5·0	0	1	21	2	0	0	0	0	2	17	1	9
hikode	0530	27	1009·1	1008·2	..	76·3	74·4	73·5	28·2	91	..	6·4	..	2·9	0	1	20	4	6	3	0	1	0	3	4	10
	0830	,,	1010·5	1009·6	+0·3	78·3	75·8	74·8	29·3	89	−2	6·3	−0·3	3·7	0	0	28	3	5	2	0	0	1	6	11	3
	1130	,,	1011·0	1010·1	..	82·3	77·7	75·7	30·3	81	..	6·0	..	5·1	0	0	30	0	0	1	0	0	5	14	10	1
	1730	,,	1008·2	1007·3	..	82·2	77·7	76·2	30·4	82	..	6·7	..	6·1	0	0	31	0	0	0	0	0	0	18	13	0
	2330	,,	1010·8	1009·9	..	78·4	75·7	74·5	29·1	88	..	5·8	..	4·2	0	0	24	2	1	0	0	0	0	7	14	7
hat	0830	319	1010·7	999·6	..	77·2	75·1	74·3	28·8	90	..	6·6	..	8·3	0	0	31	0	0	0	0	0	8	23	0	0
	1730	,,	1007·7	996·7	..	80·4	75·7	73·5	28·2	80	..	6·3	..	12·2	0	12	19	0	0	0	0	0	7	23	1	0

TABLE III—SUMMARY OF OBSERVATIONS AT FIXED HOURS—AUGUST 1953.

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, miles per hour.	Wind speed (m.p.h.).			No. of observations. Wind direction.								
			At mean sea or nearest s. 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	Cal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Mysore																										
Chitaldrug	0830	2,405	898·4	927·7	+0·3	71·4	68·3	66·8	22·4	85	+4	6·9	0	5·5	0	0	31	0	0	0	0	0	17	14	0	0
	1730	,,	896·5	925·1	..	77·9	71·2	67·5	23·4	71	..	6·6	..	4·5	0	0	31	0	0	0	0	0	24	7	0	0
Shimoga	0830	1,872	897·4	945·8	..	73·1	70·7	69·4	24·7	88	..	7·3	..	2·3	0	0	26	0	0	0	0	5	14	6	1	5
	1730	,,	896·1	943·8	..	77·1	71·9	69·6	24·6	79	..	6·4	..	2·6	0	0	28	1	0	0	0	0	6	21	0	3
Hassan	0830	3,149	900·1	904·5	..	68·1	66·4	65·6	21·4	91	+7	6·8	+0·2	8·5	0	4	27	0	0	0	0	0	8	23	0	0
	1730	,,	898·3	902·6	..	72·3	68·3	66·3	22·0	81	..	7·0	..	11·4	0	10	21	1	0	0	0	0	5	25	0	0
Bangalore (Central Observatory)	0230	3,021	898·4	907·0	..	68·5	66·3	65·1	21·2	89	..	6·1	..	10·4	0	7	24	0	0	0	0	0	9	20	2	0
	0830	,,	899·9	908·4	+0·3	70·4	67·3	65·6	21·6	85	0	7·5	+0·3	9·6	0	5	26	0	0	0	0	0	9	19	3	0
	1130	,,	899·9	908·2	..	77·0	69·1	65·0	21·0	66	..	7·2	..	12·3	0	12	19	0	0	0	0	0	6	20	5	0
	1730	,,	897·5	905·9	..	77·8	68·9	64·2	20·5	63	..	6·9	..	11·4	0	13	18	0	0	0	0	0	5	20		0
Bangalore (Aerodrome)	0530	2,942	898·5	909·6	..	67·8	66·5	65·9	21·7	93	..	6·4	..	10·8	0	13	16	0	0	0	0	0	3	24	2	2
	0830	,,	900·1	911·9	..	71·3	67·8	66·0	21·8	83	..	7·4	..	13·9	0	18	13	1	0	0	0	0	3	25	2	0
	1130	,,	899·9	910·8	..	78·3	70·0	65·7	21·7	65	..	7·0	..	16·3	0	20	11	1	0	0	0	0	3	22	5	0
	1730	,,	897·5	908·4	..	78·4	69·9	65·5	21·5	65	..	6·7	..	14·9	0	18	12	0	0	0	0	1	3	22	4	1
	2330	,,	900·0	911·1	..	70·9	67·6	65·9	21·8	84	..	5·7	..	11·7	0	12	19	1	0	0	0	1	3	22	4	0
Mysore	0830	2,518	900·0	925·3	+0·3	71·6	68·3	66·4	22·3	84	+4	6·3	0	8·8	0	2	29	0	1	0	0	0	10	18	2	0
	1730	,,	898·1	923·0	..	78·3	70·1	65·9	21·8	66	..	6·9	..	11·3	0	11	20	0	0	0	0	0	9	19	3	0
Balehonnur	0830	,,	..	..	..	68·0	66·9	66·5	22·1	95	+1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Travancore-Cochin																										
Fort Cochin	0830	10	1010·9	1010·7	+0·3	80·5	76·9	75·1	29·9	84	−2	7·2	+1·2	5·6	0	1	29	2	6	5	2	1	3	5	6	1
	1730	,,	1008·7	1008·4	..	81·2	77·4	75·6	30·3	83	..	6·9	..	9·9	0	3	28	2	0	1	0	0	1	14	13	0
Cochin (Willingdon Island Aerodrome)	0230	6	1009·4	1009·2	..	77·5	75·5	74·9	29·2	92	..	5·3	..	3·0	0	0	18	2	3	1	1	0	0	6	5	13
	0530	,,	1009·7	1009·5	..	76·4	75·0	74·1	29·0	93	..	6·6	..	2·4	0	0	13	0	1	2	0	0	0	4	6	18
	0830	,,	1011·1	1010·9	..	79·4	76·3	74·9	29·6	86	..	6·2	..	3·7	0	0	28	5	8	1	2	1	2	6	3	3
	1130	,,	1011·1	1010·9	..	82·9	77·4	74·8	29·6	77	..	5·9	..	7·4	0	0	31	5	0	0	0	0	2	11	13	0
	1730	,,	1008·7	1008·5	..	81·7	76·9	74·8	29·5	80	..	6·8	..	8·6	0	1	30	2	0	0	0	0	1	13	15	0
	2330	,,	1011·2	1011·0	..	78·1	76·1	74·9	29·8	90	..	4·5	..	2·1	0	0	14	4	0	1	0	0	1	6	2	17
Alleppey	0830	12	1011·1	1010·7	..	79·8	77·3	76·1	30·9	89	..	6·8	..	8·2	0	3	28	4	7	3	0	0	1	6	10	0
	1730	,,	1008·7	1008·3	..	82·5	78·4	76·3	31·3	83	..	6·5	..	12·1	0	8	23	2	1	0	1	0	0	7	20	0
Trivandrum	0230	211	1009·4	1002·1	..	76·3	74·7	73·8	28·7	92	..	4·6	..	5·6	0	1	29	7	0	1	0	0	0	2	20	1
	0530	,,	1009·6	1002·3	..	75·7	74·1	73·4	28·1	93	..	4·8	..	5·1	0	0	30	8	1	0	0	0	0	2	19	1
	0830	,,	1011·0	1003·7	0	78·6	75·4	73·8	28·6	86	0	5·8	−0·5	5·1	0	0	30	6	0	0	0	0	0	0	24	1
	1130	,,	1010·8	1003·6	..	83·5	76·3	72·8	27·7	71	..	6·0	..	8·5	0	3	28	0	1	0	0	0	0	2	28	0
	1730	,,	1008·4	1001·2	..	82·1	76·2	73·4	28·2	75	..	6·5	..	9·3	0	3	28	1	0	0	0	0	0	6	24	0
	2330	,,	1011·1	1003·8	..	77·4	75·2	74·3	28·8	90	..	4·1	..	5·1	0	0	30	6	0	0	0	0	0	0	24	1
Hill Stations excluding Kashmir																										
Kohima	0830	4,614	..	..	..	73·3	69·5	67·5	22·8	84	..	6·3	..	3·2	0	0	31	3	8	5	10	2	0	0	3	0
	1730	,,	..	..	..	71·1	69·3	68·6	23·5	92	..	6·7	..	1·7	0	0	23	5	0	2	4	3	1	3	5	8
Aijs	0830	3,599	893·2	883·6	..	72·3	69·9	68·6	24·5	89	..	6·0	..	3·8	0	0	28	0	0	19	3	2	4	0	0	3
	1730	,,	890·2	880·6	..	72·2	71·3	70·5	25·7	95	..	6·7	..	3·3	0	0	26	0	1	3	1	2	11	4	4	5
Shillong	0830	4,921	895·5	846·0	+0·1	71·6	67·1	64·8	20·9	79	−2	5·3	−1·3	1·4	0	0	14	0	4	3	4	1	1	1	0	17
	1730	,,	893·2	843·6	..	71·1	67·1	64·9	21·1	82	..	6·7	..	2·0	0	0	21	1	2	3	4	4	6	0	1	10
Cherrapunji	0830	4,309	895·5	864·1	−0·5	70·1	67·6	66·2	22·1	89	0	6·5	−0·6	5·0	0	1	30	3	11	8	4	1	3	1	0	0
	1730	,,	893·1	861·7	..	70·7	68·1	66·7	22·6	88	..	5·5	..	3·7	0	0	31	2	10	5	4	1	6	2	1	0
Darjiling	0830	7,432	798·1	774·2	+0·4	64·2	62·7	61·9	18·9	93	+1	6·7	−0·3	6·5	0	2	29	0	2	20	7	0	0	1	1	0
	1730	,,	796·2	772·2	..	61·3	60·6	60·2	18·6	96	..	6·7	..	7·9	0	6	23	0	1	14	10	0	0	4	0	2
Darjiling (Raj Bhawan)	0830	6,980	800·7	789·2	..	65·7	63·2	61·9	20·0	88	..	6·4	..	0·8	0	0	12	4	2	1	2	1	1	1	0	19
	1730	,,	799·1	787·7	..	64·8	62·9	61·6	18·8	90	..	7·5	..	1·2	0	0	16	1	6	1	4	0	2	1	1	15
Kalimpong	0830	3,965	892·2	871·4	−3·1	70·7	69·0	67·9	23·8	92	+1	2·7	−3·8	2·3	0	0	26	0	0	0	0	0	0	0	26	5
	1730	,,	888·7	868·0	..	72·4	70·2	68·9	24·6	90	..	3·7	..	3·0	0	0	26	0	0	0	26	0	0	0	0	5
Katmandu	0830	4,388	896·0	862·4	..	75·4	70·3	67·7	23·4	78	−3	6·5	−0·2	1·0	0	0	11	1	0	6	1	2	0	0	1	29
	1730	,,	893·1	859·8	..	76·9	71·7	69·4	24·7	78	..	6·9	..	1·0	0	0	10	3	1	2	1	1	0	0	2	21
Mukteswar (Kumaon)	0830	7,592	79·73	768·8	+0·7	61·4	60·8	60·6	18·1	97	+6	7·5	+0·9	6·4	0	0	30	0	6	7	1	1	3	10	2	1
	1730	,,	795·6	767·0	..	64·5	63·2	62·6	19·0	94	..	7·2	..	7·6	0	1	30	0	2	3	1	1	9	13	2	0
Nainital	0830	6,409	796·0	800·6	..	65·6	62·4	60·5	18·1	84	..	6·5	..	4·7	0	1	25	2	2	10	10	1	1	0	0	5
	1730	,,	794·4	797·6	..	67·6	64·4	62·7	19·5	84	..	6·1	..	4·4	0	1	26	1	3	12	8	1	1	0	1	4
Lohpal	0830	..	..	..	..	49·5	49·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Mussoorie	0830	6,699	796·9	793·3	−0·8	64·2	62·2	61·3	18·4	90	−5	6·7	−0·3	1·6	0	0	16	1	1	0	3	8	1	0	0	15
	1730	,,	795·2	791·6	..	65·2	64·6	64·1	20·7	97	..	7·5	..	1·4	0	0	19	1	1	0	7	8	2	0	0	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, miles per hour.	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
tations excluding mir—*contd.*																										
la	0830	7,224	797·0	778·7	+0·3	63·2	61·1	59·7	17·6	89	+3	6·3	−0·3	1·2	0	0	13	5	2	0	2	3	0	1	0	18
	1730	,,	795·4	777·2	..	64·2	63·7	62·4	20·0	93	..	7·0	..	1·1	0	0	17	2	2	1	1	5	5	1	0	14
housie	0830	6,426	791·6	795·7	..	64·3	62·2	61·3	18·3	87	..	5·7	..	1·1	0	1	6	0	5	0	1	0	1	0	0	24
	1730	,,	790·2	794·2	..	68·0	66·1	64·8	21·1	84	..	6·0	..	1·4	0	0	14	1	4	0	5	0	3	1	0	17
ramshala	0830	3,975	899·0	877·6	..	72·8	69·3	67·6	23·2	85	..	5·6	..	1·9	0	0	21	3	3	5	1	0	1	4	4	10
	1730	,,	896·8	875·6	..	76·2	71·8	70·0	23·2	81	..	5·1	..	3·9	0	0	25	1	1	1	2	2	9	7	2	6
hmarhi	0830	3,528	894·8	887·4	−0·2	69·0	68·2	67·9	23·2	96	+6	7·8	+0·5	4·8	0	0	29	3	0	0	0	0	0	20	6	2
	1730	,,	892·6	885·2	..	73·0	70·5	69·5	24·5	89	..	7·6	..	3·0	0	0	27	0	0	0	0	0	1	19	7	4
	0830	3,921	894·0	874·2	−0·7	67·6	67·1	66·8	22·5	98	+5	7·7	+0·4	6·7	0	2	26	3	1	3	1	4	14	2	0	3
	1730	,,	892·2	872·6	..	70·4	68·8	68·0	23·4	92	..	7·8	..	4·3	0	2	22	1	1	0	1	8	10	2	1	7
habaleshwar	0830	4,534	897·9	859·1	−0·4	63·4	63·4	63·0	20·0	99	+2	8·0	+0·2	9·8	0	4	27	0	0	0	0	1	27	3	0	0
	1730	,,	896·3	857·6	..	63·9	63·9	63·6	20·3	100	..	8·0	..	7·9	0	1	30	0	0	0	0	0	29	1	1	0
idi Hills	0830	..	..	..	..	63·5	63·3	63·1	19·8	99	..	7·4	..	..		..	..	..	..	..	..	..	..	..	..	..
rcara	0830	3,781	901·1	885·6	+1·3	64·5	64·3	64·1	20·4	98	+3	7·1	−0·3	8·8	0	2	29	0	0	0	0	0	0	15	16	0
	1730	,,	899·6	884·2	..	67·0	65·9	65·1	21·3	95	..	6·9	..	5·4	0	1	30	0	0	0	0	0	0	16	15	0
daikanal	0830	7,688	802·1	770·7	+1·0	56·4	53·7	52·0	13·1	85	+7	6·4	+1·3	11·6	0	14	17	0	0	0	3	0	2	2	24	0
	1130	,,	802·1	771·0	..	60·7	56·9	54·4	14·6	80	..	7·3	..	10·9	0	15	11	0	3	0	0	2	0	2	19	5
	1730	,,	800·3	769·3	..	57·7	55·7	54·4	14·4	83	..	7·3	..	11·3	1	11	17	1	2	0	4	1	0	1	20	2
acamund	0830	7,378	801·2	778·4	+0·3	55·9	54·3	53·3	13·9	90	+3	6·2	−0·4	3·4	0	1	18	0	0	0	0	0	1	17	1	12
	1730	,,	800·1	777·4	..	58·0	55·5	54·1	14·1	86	..	6·7	..	3·5	0	0	21	1	0	0	0	0	4	14	2	10
noor	0830	..	..	..	..	65·2	60·4	57·6	16·2	77	+8	4·9	−0·6	5·7	0	1	30	3	0	0	9	3	8	2	6	0
m chen	0830	..	..	..	..	57·4	56·5	55·4	15·1	94	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
t ung (Chumbi)	0830	..	..	..	..	60·3	59·0	58·2	16·5	94	+8	1·7	+2·5	..	..	..	..	..	..	..	..	..	..	..	..	..
asa	0830	12,090	629·1	654·5	..	63·1	62·6	62·3	18·8	94	..	4·9	..	0	0	0	0	0	0	0	0	0	0	0	0	21
antse	0830	13,110	624·8	625·5	..	60·0	49·0	40·2	8·4	48	−21	3·0	−2·2	0·4	0	0	6	0	1	2	2	0	0	0	1	25
on lombo (R)	0830	24																								
(R)	1730	,,																								
ncomalee (R)	0830	,,																								
(R)	1730	,,																								
ticoloa (R)	0830	20																								
(R)	1730	,,																								
mbantota (R)	0830	50																								
(R)	1730	,,																								
nnar (R)	0830	12																								
(R)	1730	,,																								
ROMETEOROLOGICAL SERVATORIES																										
nodar Catchment																										
karo	0530	784	999·7	973·0	..	77·5	76·0	75·3	30·0	93	..	7·0	..	4·1	0	2	19	4	2	4	4	0	4	1	2	10
	0830	,,	1001·1	974·5	..	80·9	77·3	75·8	30·4	85	..	6·7	..	4·8	0	3	25	3	1	6	5	1	5	2	5	3
	1130	,,	1000·5	974·1	..	84·0	78·1	75·5	30·2	77	..	7·0	..	6·1	0	1	30	1	0	7	7	2	8	3	3	0
	1730	,,	997·8	971·5	..	82·3	78·0	76·1	30·8	82	..	6·7	..	5·0	0	1	30	4	0	11	5	1	5	1	4	0
	2330	,,	1000·8	974·1	..	78·7	76·9	76·3	30·8	92	..	6·3	..	3·9	0	2	17	1	0	6	3	0	2	5	2	12
azaribagh	0530	2,019	889·8	931·9	..	73·9	72·9	72·4	27·2	95	..	6·8	..	3·4	0	2	18	1	1	6	1	1	6	4	0	11
	0830	,,	891·5	933·4	..	77·1	74·2	73·3	27·7	87	..	6·5	..	5·3	0	3	25	2	3	7	1	1	6	5	3	3
	1130	,,	891·4	933·1	..	80·6	75·4	73·1	27·9	79	..	6·5	..	5·9	0	2	26	1	3	10	0	1	3	6	4	3
	1730	,,	888·9	930·7	..	78·5	75·1	73·6	28·3	85	..	6·5	..	4·3	0	1	26	2	0	11	2	1	1	8	2	4
	2330	,,	890·9	933·1	..	75·1	73·8	73·2	28·0	84	..	5·6	..	3·2	0	0	22	2	0	9	0	0	4	7	0	9
rhi	0830	..	..	..	..	80·9	76·9	75·2	29·8	83	..	..	..	5·5	0	2	28	1	2	6	5	1	6	6	3	1
	1730	..	..	..	..	81·3	77·0	75·1	29·7	82	..	..	..	3·8	0	0	28	1	2	8	5	0	1	3	8	3
amgarh	0830	..	..	..	..	81·1	77·2	75·3	30·1	83	..	..	..	3·0	0	0	24	1	5	0	5	0	3	5	5	7
	1730	..	..	..	..	80·6	77·5	76·2	30·9	87	..	..	..	2·3	0	0	22	0	10	2	2	0	2	2	4	9
hanbad	0530	839	999·8	971·3	..	77·7	76·7	76·2	30·9	95	..	5·2	..	5·2	0	3	23	0	11	7	2	0	2	2	2	5
	0830	,,	1000·9	972 5	..	82·0	78·5	77·0	31·7	85	..	5·7	..	6·7	0	4	26	2	8	9	1	1	3	4	2	1
	1130	,,	1000·2	972·1	..	85·7	79·4	73·4	31·4	75	..	6·0	..	8·3	0	6	24	1	5	14	1	2	4	2	1	1
	1730	,,	997·7	969·4	..	83·2	79·1	77·2	32 1	83	..	6·0	..	6·8	0	5	25	0	6	11	2	3	3	4	1	1
	2330	,,	1000 4	972·0	..	79·1	77·6	76·9	31·6	93	..	4·6	..	5·6	0	2	27	1	8	7	1	3	5	3	1	2

(R) Register not received.

TABLE III—SUMMARY OF OBSERVATIONS AT FIXED HOURS—AUGUST 1953.

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, miles per hour.	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
HYDROMETEOROLOGICAL OBSERVATORIES—*contd.*																										
Mahanadi Catchment																										
Baramul	0830	210	1001·2	994·7	..	82·4	78·4	77·0	31·3	83	..	..	..	1·5	0	0	16	0	4	1	0	3	2	5	1	15
	1730	,,	998·9	992·0	..	81·1	77·9	76·9	31·2	89	..	..	..	1·2	0	0	11	1	1	0	0	2	3	3	1	20
Hirakud	0830	522	1004·6	986·8	..	81·1	77·6	76·2	30·7	85	..	..	..	2·0	0	0	17	0	0	0	4	0	13	0	0	14
	1730	,,	1001·7	984·0	..	82·8	78·8	77·6	31·8	83	..	..	..	1·1	0	0	12	0	0	0	3	0	7	0	2	19
Barkachhar	0830	..	..	..	..	79·9	75·0	73·7	28·3	87	..	6·7	..	7·9	0	4	26	1	0	0	1	1	18	6	3	1
	1730	..	..	..	..	79·7	75·7	73·8	28·5	83	..	6·6	..	7·3	0	4	24	1	0	0	0	3	13	9	2	3
Sonepur	0830	..	..	..	..	80·5	77·3	75·8	30·5	86	..	..	..	5·3	0	1	27	2	1	0	1	0	2	20	2	3
Ginabahar	0830	..	..	..	..	78·2	75·3	74·2	28·6	87	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Ganga Catchment																										
Tapoban *	0830																									
Badrinath	0830	..	..	..	..	56·8	55·9	54·8	15·0	95	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Narbada Catchment																										
Punasa	0830	..	..	..	..	76·8	74·8	73·7	28·5	91	..	7·2	..	6·3	0	0	30	0	0	0	0	0	24	6	0	1
	1730	..	..	..	..	82·6	77·3	75·0	29·5	78	..	7·3	..	6·9	0	3	26	0	0	0	0	0	20	9	0	2
Bagra Tawa	0830	..	..	..	..	78·4	74·9	73·8	28·0	87	..	6·0	..	3·8	0	0	30	0	0	0	0	1	25	3	1	1
	1730	..	..	..	..	81·7	76·7	74·3	29·1	79	..	6·0	..	3·2	0	0	28	0	0	0	0	2	25	1	0	3
Thikri	0830	..	..	..	..	79·6	76·1	73·6	29·2	84	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Tapti Catchment																										
Nandurbar	0830	..	..	..	..	77·5	75·0	73·8	28·5	89	..	..	..	..	..	..	..	..	..		..	..	..	..	..	..
Sabarmati Catchment																										
Jhadol	0830	..	..	..	..	76·1	73·4	72·1	26·8	87	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Dharoi	0830	..	..	..	..	79·0	76·8	76·0	30·5	90	..															

*Data not available.

RADIOSONDE DATA
MEAN DYNAMIC HEIGHT, TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACES
(From Ascents at 15 hrs. G. M. T.)
AUGUST 1953

Surface mbs.	ALLAHABAD (Sur. Pr. 988 mb.)						CALCUTTA (1000 mb.)						JODHPUR (975 mb.)					
	No. of Obs.	Ht. Gpm.	Temperature °A.				No. of Obs.	Ht. Gpm.	Temperature °A.				No. of Obs.	Ht. Gpm.	Temperature °A.			
			Mean	Max.	Min.	Dew Point			Mean	Max.	Min.	Dew Point			Mean	Max.	Min.	Dew Point
face	31	98	300·9	304	298	298·8	31	5	301·3	304	299	299·3	31	218	302·0	305	299	297·3
000	28	−8											31	−10				
900	28	928	297·0	299	293	294·5	31	938	296·4	300	293	293·4	31	928	297·8	301	294	294·0
850	28	1427	293·7	296	288	292·0	31	1435	294·0	298	291	290·9	31	1428	294·6	298	291	291·8
800	28	1953	290·6	294	285	289·1	30	1962	291·2	294	288	287·9	31	1954	291·4	298	288	288·6
700	28	3087	285·0	289	280	283·0	30	3097	285·8	289	282	281·6	31	3090	285·6	290	281	282·2
600	28	4368	278·6	283	274	277·0	30	4379	279·3	284	275	273·6	31	4372	279·4	285	274	274·6
500	27	5840	270·9	275	266		29	5854	271·4	276	267	268·8	31	5850	271·3	275	265	266·0
400	24	7588	261·7	267	257		27	7599	262·5	270	255		30	7593	261·8	267	253	
300	23	9742	249·6	256	241		25	9779	249·5	254	241		27	9747	248·8	256	245	
250	21	11050	240·7	248	229		22	11070	241·2	245	232		25	11043	239·8	247	228	
200	15	12608	230·0	238	221		20	12615	230·1	237	219		25	12579	227·9	237	213	
175	10	13517	222·9	230	215		16	13498	223·8	232	211		17	13469	221·1	228	212	
150	7	14551	219·1	228	212		11	14500	216·6	228	206		10	14454	214·1	222	206	
125	5	15714	216·8	224	213		5	15686	211·4	220	199		7	15614	204·9	211	197	
100													7	16940	201·1	209	195	
80																		

	MADRAS (1004 mb.)						NAGPUR (965 mb.)						NEW DELHI (975 mb.)					
face	30	15	303·5	308	300	296·1	18	307	299·6	302	297	296·3	31	210	301·3	304	297	299·0
1000	30	49					18	−9					31	−14				
900	30	985	297·5	301	293	290·6	18	921	296·1	298	295	292·6	31	926	298·7	302	293	294·1
850	30	1482	294·3	297	291	288·1	18	1418	293·1	296	290	290·4	31	1429	295·3	298	292	292·2
800	30	2009	289·8	294	287	285·8	18	1943	290·3	293	288	288·0	31	1955	291·9	295	288	289·2
700	28	3135	282·4	286	278	278·5	18	3076	284·8	288	283	281·6	31	3093	285·6	289	281	282·8
600	24	4403	275·5	279	270	271·1	17	4347	277·9	281	274	274·1	31	4378	280·0	292	275	277·1
500	20	5862	267·9	272	265		15	5817	270·1	273	266		31	5853	271·1	276	265	268·9
400	14	7577	258·3	261	256		12	7562	261·4	265	258		31	7597	262·0	267	253	
300	10	9700	243·5	250	239		6	9709	249·2	253	246		27	9754	249·5	255	240	
250	6	10988	234·0	237	230								27	11061	240·4	247	232	
200	6	12489	224·0	226	220								23	12602	229·0	237	220	
175	6	13380	217·1	220	212								16	13481	221·9	233	212	
150	6	14322	209·8	215	204								13	14476	215·3	227	208	
125													6	15686	212·8	218	207	
100																		
80																		

RADIOSONDE DATA
MEAN DYNAMIC HEIGHT, TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACES
(From Ascents at 15 hrs. G. M. T.)
AUGUST 1953

Standard Pressure Surface mbs.	POONA (944)						PORT BLAIR (1000)						SHILLONG (838)					
	No. of Obs.	Ht. Gpm.	Temperature °A.				No. of Obs.	Ht. Gpm.	Temperature °A				No. of Obs.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point			Mean	Max.	Min.	Dew Point			Mean	Max.	Min.	Dew Point
Surface	31	557	296·6	298	295	293·1	27	81	299·3	301	297	296·9	29	1602	293·2	295	292	292·1
1000	31	50											28	46				
900	31	969	294·3	296	293	290·6	26	1002	294·3	297	292	290·7	28	972				
850	31	1464	292·0	294	289	288·2	26	1495	291·8	295	290	287·7	28	1471				
800	31	1984	289·5	294	287	285·7	26	2016	288·7	292	286	284·2	28	1997	291·7	295	289	289·9
700	31	3118	285·3	288	282	277·2	25	3140	282·9	288	280	277·3	28	3136	285·9	289	283	284·3
600	31	4398	279·2	283	275	270·0	24	4403	276·6	283	273	269·5	28	4419	278·6	281	276	276·9
500	31	5873	271·2	277	265	260·1	24	5864	263·7	273	263		28	5894	271·7	275	268	273·5
400	30	7619	262·3	267	256		24	7589	259·0	263	255		28	7642	261·7	267	251	
300	30	9775	249·8	256	237		22	9714	245·5	249	241		20	9807	249·5	257	246	
250	30	11085	241·0	251	229		20	10998	235·5	241	230		19	11119	241·1	249	235	
200	29	12624	230·0	240	221		14	12503	223·8	229	219		18	12664	230·9	238	222	
175	26	13508	223·5	235	214		10	13350	218·2	223	213		10	13551	225·9	236	216	
150	25	14496	217·0	229	204		10	14344	211·1	218	206							
125	20	15635	209·9	225	199													
100	20	17051	204·1	220	193													
80	6	18098	201·1	217	195													

Standard Pressure Surface mbs.	TRIVANDRUM (1003)						VERAVAL (1002)						VISAKHAPATNAM (996)					
	No. of Obs.	Ht. Gpm.	Temperature °A.				No. of Obs.	Ht. Gpm.	Temperature °A				No. of Obs.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point			Mean	Max.	Min.	Dew Point			Mean	Max.	Min.	Dew Point
Surface	31	64	299·4	300	298	296·5	29	8	300·6	301	300	298·2	31	48	301·0	304	297	297·2
1000	31	90					29	23					31	16				
900	31	1013	293·5	295	291	289·5	29	950	293·3	297	290	291·7	31	948	296·3	299	293	291·8
850	31	1506	291·0	294	288	286·9	29	1442	290·8	295	286	289·3	31	1444	293·8	297	289	289·2
800	31	2026	288·3	291	285	283·5	29	1962	288·5	294	284	285·7	31	1969	290·3	294	284	286·6
700	31	3150	283·4	287	279	275·5	28	3092	284·9	289	279	277·8	31	3099	285·0	289	278	280·4
600	29	4419	276·5	281	273	267·5	28	4369	277·8	281	273	272·9	31	4375	277·2	281	272	274·0
500	28	5875	268·1	271	264		26	5833	270·6	275	267		30	5840	269·3	274	267	
400	26	7593	257·5	260	254		24	7568	262·4	269	257		29	7574	260·0	266	255	
300	24	9710	244·0	250	241		21	9713	248·0	255	237		24	9711	246·8	255	243	
250	18	10982	234·6	237	229		16	11027	239·8	245	231		20	10997	237·4	243	233	
200	14	12488	224·1	229	222		7	12515	226·7	232	218		16	12504	226·0	234	220	
175	10	13357	218·3	220	217								11	13384	221·3	231	216	
150	8	14328	211·7	214	209								11	14370	214·7	228	209	
125													5	15503	207·6	213	199	
100																		
80																		

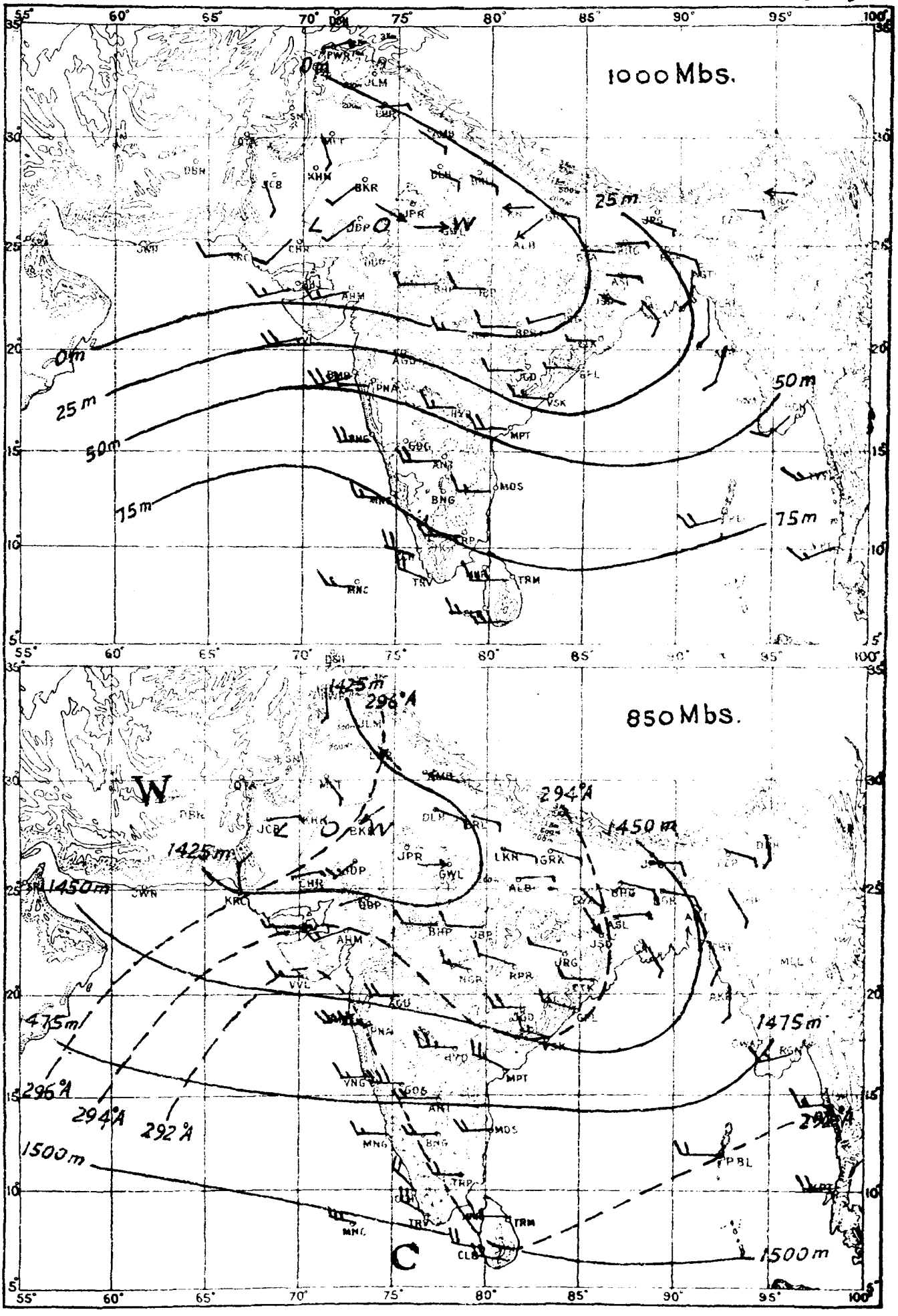
NOTE.—Number of observations refer to those of dynamic height.
Means are not worked out for temperature and dew point for the 1000 mb. surface and for dew point for standard pressure surfaces with temperature less than 273°A.
Means are not worked out for less than five observations at standard pressure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

GIPN—S1—3DDG Obs. Poona—22-3-55—260.

MONTHLY MEAN CONSTANT PRESSURE CHARTS.

AUGUST 1953

Plate I



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

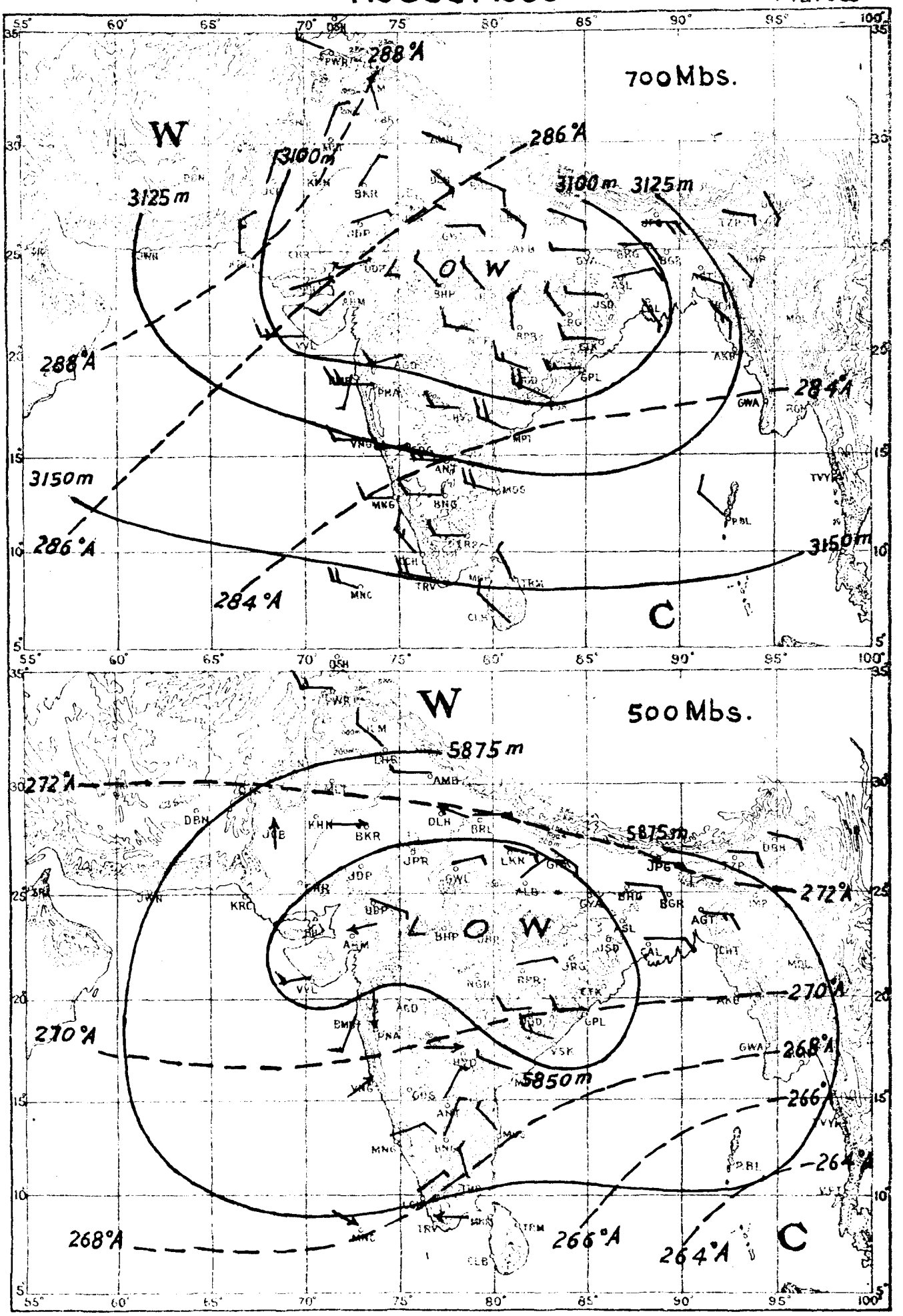
------ Isotherms in degrees absolute. ——— Contours in geopotential metres.

G.P.Z. P. POONA, 53.

MONTHLY MEAN CONSTANT PRESSURE CHARTS.

AUGUST 1953

Plate II



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

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

G.P.O. POONA, 53.

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INDIA WEATHER REVIEW, 1953

Monthly Weather Report

September

Published by authority of the Government of India

Chief feature :—One depression and one cyclonic storm formed in the Bay of Bengal.

Conditions became unsettled in the north and central Bay of Bengal in the beginning of the month, which concentrated by the 7th morning into a shallow depression, with its centre about 220 miles south of Calcutta. Moving in a northwesterly direction and crossing coast the same night, it lay as a low pressure area over Gangetic West Bengal and neighbourhood on the 8th morning. The low pressure area then moved into Bihar and east Uttar Pradesh where it persisted for a few days and became unimportant later. In association with the above, the monsoon was vigorous in the north Konkan and Gujarat on the 4th and in Saurashtra on the 5th; Dahanu and Ahmedabad recorded 7″ and 5″ of rain respectively on the 4th and Rajkot recorded 5″ on the 5th. Monsoon also strengthened considerably in Assam, West Bengal, Bihar and adjoining east Uttar Pradesh during the 2nd week of the month. Malda and Siliguri recorded 8″ and 6″ of rain respectively on the 10th; Chapra and Dumka 4″ and 3″ on the 11th, and Azamgarh 5″ on the 12th. In Assam, Cherrapunji recorded 57″ of rain between the 10th and 14th out of which 19″ fell during the 24 hours ending at 0830 hrs. IST on the 12th while at Dhubri 22″ of the rain occurred during the 72 hours ending at 0830 hrs. IST on the 13th. These heavy falls of rain caused serious floods in Assam, Bihar and south-east Uttar Pradesh.

A low pressure wave from the east moved into central and adjoining north Bay of Bengal on the 21st morning and concentrated into a depression with its centre near Lat. 16°N., Long. 91°E; by the morning of 23rd. Moving initially west northwestwards and later northwards, the depression intensified into a cyclonic storm by the 26th morning, when it was centred about 40 miles southwest of Sandheads. The storm weakened into a depression in the course of the day and crossed coast near Contai during the same night. Weakening further, it then moved rapidly in a northwesterly direction and lay as a diffuse low pressure area over east Uttar Pradesh on the 30th. Under its influence heavy rain occurred locally in Gangetic West Bengal, Chota Nagpur and adjoining north Orissa on the 27th; Chaibasa and Ranchi recorded 6″ and 5″ of rain respectively and Contai and Purulia 4″ each on the 27th. Monsoon was strong to vigorous in east Uttar Pradesh and adjoining Bihar between the 28th and 30th; Gonda in east Uttar Pradesh had 11″ of rain during 48 hours ending at 0830 hrs. IST on the 30th.

Total rainfall of the month was in large excess in Saurashtra and Kutch; in moderate excess in Assam, Chota Nagpur, Bihar, west Rajasthan, Hyderabad, Rayalaseema and Tamilnad, and in slight excess in West Bengal and east Uttar Pradesh. The rainfall was normal in the Bay Islands, Orissa, east Madhya Pradesh, Deccan (Desh) and coastal Andhradesa; in slight defect in Gujarat and Mysore, in moderate defect in east Rajasthan, Madhya Bharat, Vindhya Pradesh, west Madhya Pradesh, the Konkan and Travancore-Cochin and in large defect in west Uttar Pradesh, the Punjab (I) and Malabar-south Kanara. Averaged over the plains of India, rainfall was 1% in defect.

The mean maximum temperature was normal over the country except in Rayalaseema where it was below normal.

The mean minimum temperature was normal throughout the country.

The mean relative humidity in the morning was in excess in west Rajasthan, Gujarat, Hyderabad and Rayalaseema and was normal elsewhere.

The mean cloud amount in the morning was above normal in Orissa, east Madhya Pradesh, south Hyderabad, Rayalaseema and Travancore-Cochin, below normal in west Uttar Pradesh, the Punjab(I) and Saurashtra and Kutch and normal over the rest of 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 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 :
Dated the 14th April 1954

A. K. ROY,
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								
Assam (including Manipur & Tripura).	16·03	145	87·2	75·6	87	84	6·1	5·2
	+4·99	..	−0·9	−0·4	+2	..	+0·3	..
West Bengal .	12·72	120	89·0	78·2	85	82	5·6	5·5
	+2·13	..	−0·4	+0·2	+3	..	+0·4	..
Orissa . .	9·38	105	88·8	78·1	84	82	6·4	6·3
	+0·43	..	−0·1	−0·1	+3	..	+1·4	..
Bihar . . .	12·28	145	89·0	76·8	83	81	5·4	5·6
	+3·82	..	−0·1	0	+3	..	+0·7	..
Uttar Pradesh .	6·29	88	91·4	76·0	81	69	3·3	3·8
	−0·89	..	+0·3	+0·3	+2	..	−0·1	..
Punjab (I)(Including PEPSU & Delhi).	2·41	47	96·1	75·5	75	53	1·3	1·8
	−2·69	..	+0·8	+0·7	+5	..	−0·7	..
Rajasthan . .	1·78	68	92·6	75·2	74	51	2·3	2·6
	−0·84	..	−0·6	+0·5	+4	..	−0·3	..
Sub-Division								
Andaman Islands .	15·73	90	84·4	74·9	83	90	6·8	6·4
	−1·67	..	+1·3	+1·1	−1	..	+0·6	..
Assam (Including Manipur & Tripura).	16·03	145	87·2	75·6	87	84	6·1	5·2
	+4·99	..	−0·9	−0·4	+2	..	+0·3	..
West Bengal .	12·72	120	89·0	78·2	85	82	5·6	5·5
	+2·13	..	−0·4	+0·2	+3	..	+0·4	..
Orissa. . .	9·38	105	88·8	78·1	84	82	6·4	6·3
	+0·43	..	−0·1	−0·1	+3	..	+1·4	..
Chota Nagpur .	10·56	134	88·4	75·7	83	81	5·4	6·1
	+2·69	..	+0·1	+0·5	+3	..	+0·5	..
Bihar . . .	12·96	149	89·3	77·5	83	81	5·5	5·4
	+4·26	..	−0·2	−0·2	+3	..	+0·8	..
Uttar Pradesh, West.	9·13	116	90·7	77·1	83	74	4·1	4·2
	+1·25	..	−0·5	+0·4	+4	..	+0·5	..
Uttar Pradesh, East.	3·10	48	92·3	74·7	77	62	2·4	3·4
	−3·30	..	+1·3	+0·3	+1	..	−0·7	..
Punjab (I) (including PEPSU and Delhi).	2·41	47	96·1	75·5	75	53	1·3	1·8
	−2·69	..	+0·8	+0·7	+5	..	−0·7	..
Jammu & Kashmir.	(Data incomplete)							
Rajasthan, West .	1·49	135	95·2	76·4	74	47	1·8	2·0
	+0·39	..	−1·5	+0·3	+6	..	−0·2	..
Rajasthan, East (including Ajmer).	2 08	50	90·5	74·2	74	55	2·8	3·2
	−2·06	..	+0·1	+0·6	+2	..	−0·3	..
Madhya Bharat .	3·99	52	88·9	72·1	81	65	4·0	5·7
	−3·74	..	+1·6	+0·2	0	..	−0·2	..
Vindhya Pradesh.	4·28	59	89·0	74·2	85	72	4·7	5·4
	−2·99	..	+0·7	0	+5	..	+0·2	..

	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 & Vindhya Pradesh.	4·10	54	88·9	72·9	83	68	4·3	5·6
	−3·46	..	+1·3	+0·1	+2	..	−0·1	..
9. Madhya Pradesh .	6·74	84	88·3	73·7	82	70	5·4	6·2
	−1·24	..	+1·2	+1·0	+2	..	+0 8	..
10. Bombay (including Saurashtra & Kutch).	5·91	89	87·4	73 1	85	69	4·6	5·0
	−0·75	..	+0·2	+0·6	+4	..	−0·3	..
11. Hyderabad . .	10·38	139	86·5	71·9	85	70	5·6	6·3
	+2·93	..	−0·6	+0·3	+6	..	+0·8	..
12. Madras (including Travancore-Cochin).	5·55	105	89·4	76·3	78	69	5·8	6·3
	+0·28	..	−1·1	+0·3	+2	..	+0·9	..
13. Mysore . .	4·81	86	81·1	66·5	87	62	6·5	6·7
	−0·79	..	−0·5	+0 7	+4	..	+0·4	..
Mean of India .	6·73	99	89·3	74·7	82	69	4·6	5·1
	−0·04	..	0	+0·4	+3	..	+0·3	..
Sub-Division—*contd.*								
15. Madhya Pradesh, East.	9·20	102	87·5	74·0	84	76	6·0	6·7
	+0·18	..	+1·1	+1 2	+2	..	+1·2	..
16. Madhya Pradesh, West.	5·19	71	88·8	73·4	81	66	5·1	5·9
	−2·12	..	+1·2	+0·9	+2	..	+0·5	..
17. Gujarat . .	4·77	89	89·7	75·4	87	68	4·7	3·5
	−0·61	..	+0·2	+0·7	+7	..	−0·1	..
18. Saurashtra and Kutch.	4·03	159	89·7	75·3	85	66	3·1	3·7
	+1·49	..	−0·4	+0·4	+5	..	−1·1	..
19. Konkan . .	6·94	66	85·1	75·3	86	79	5·3	5·0
	−3·55	..	+0·7	+0·2	+1	..	−0·5	..
20. Deccan (Desh) .	6·99	90	85·8	69·5	83	68	5·5	6·5
	−0·76	..	+0·3	+0·8	+3	..	+0·3	..
21. Hyderabad, North.	11·73	146	86·3	70·8	86	70	5·0	6·0
	+3·69	..	+0·3	0	+6	..	+0·1	..
22. Hyderabad, South	9·03	132	86·6	72·7	85	71	6·1	6·6
	+2·17	..	−1·3	+0·4	+7	..	+1·3	..
23. Coastal Andhradesa	5·40	92	90·1	78·1	81	75	6·4	6·8
	−0·47	..	−1·5	+0·1	+4	..	+1·0	..
24. Rayalaseema .	7·24	130	88·2	74·9	78	64	6·6	6·9
	+1·69	..	−3·1	+0·4	+6	..	+1·3	..
25. Tamilnad . .	5·57	145	91·0	76·2	73	62	5·1	5·8
	+1·72	..	−1·1	+0·4	+1	..	+0·8	..
26. Malabar and South Kanara.	4·10	45	86·0	75·1	86	79	5·9	6·1
	−5·11	..	+1·7	+0·7	−2	..	+0·3	..
27. Mysore . .	4·81	86	81·1	66·5	87	62	6·5	6·7
	−0·79	..	−0·5	+0·7	+4	..	+0·4	..
28. Travancore-Cochin	3·95	65	85·0	74·9	83	77	6·5	5·9
	−2·15	..	+0·7	+0·1	−1	..	+1·2	..

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									
	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	
Bay Islands																												
Table Island	84·3	...	86	4 days	77·6	...	74	16,19	4·67	10·03	...	2·12	21	15	...	15·7	15·3	...	22	0	0	1	0	0	0	0		
Maya Bandar	85·6	...	88	6 days	74·7	...	71	22	8·83	15·13	...	2·87	4	17	...	9·7	6·5	...	23	0	0	2	0	0	0	0		
Long Island	85·9	...	89	14,27,30	75·5	...	72	23	8·21	19·58	...	3·81	4	19	...	4·3	2·7	...	22	0	0	0	0	0	0	0		
Port Blair	84·4	+1·3	87	5 days	74·9	+1·1	72	24	6·77	15·73	−1·67	2·56	2	15	−6·9	12·6	9·6	−0·8	24	0	0	1	1	0	0	0		
Kondul	83·5	...	86	13	75·2	...	71	17	4·11	14·73	...	4·45	2	19	...	7·1	4·4	...	23	0	0	0	0	0	0	0		
Car Nicobar	85·2	...	89	28	76·6	...	70	10	12·72	20·39	...	4·12	15	16	...	4·2	2·7	...	20	0	0	1	0	0	0	0		
Noncowry	85·0	...	88	30	76·6	...	73	9,20	7·02	13·44	...	2·19	17	16	...	9·5	7·2	...	25	0	0	0	0	0	0	0		
Assam																												
Mawsynram	...	...	...	...	...	...	...	...	...	88·24	...	15·20	11	20	...	...	...	...	...	...	...	...	...	...	...	...		
Dibrugarh	85·8	−0·6	93	3	75·6	+1·1	70	15	3·39	8·24	−5·61	1·87	30	15	−0·4	1·7	1·3	+0·4	21	0	0	5	0	0	0	0		
Dibrugarh (Mohanbari Aerodrome).	86·5	...	95	5	75·1	...	70	15	4·98	14·58	...	3·14	29	18	...	3·4	2·2	...	20	0	0	9	0	0	0	0		
Sibsagar	85·6	−2·0	94	2	76·3	+0·1	71	15,16	4·13	15·98	+4·15	3·92	13	14	−0·8	4·0	3·3	+1·5	20	0	0	7	0	0	0	0		
Tezpur	87·3	−1·5	97	2,5	76·2	−0·3	71	14,15,16	4·05	14·38	+6·10	3·97	8	13	+0·3	1·3	1·0	−0·4	17	0	0	3	0	0	0	0		
Tezpur (P.B.O.)	87·3	...	97	2	76·4	...	71	14,15,16	3·18	15·50	...	4·79	5	13	...	3·6	2·5	...	19	0	0	5	0	0	0	0		
Gauhati	87·8	−1·6	96	5	74·4	−1·8	70	14,15	2·06	11·54	+4·86	3·29	21	12	+2·7	3·3	2·1	+0·8	16	0	0	3	0	0	0	0		
Gauhati (Kalkuchi Aerodrome).	87·2	...	95	5	76·2	...	72	30	7·92	15·95	...	3·53	6	14	...	...	...	...	18	0	0	15	0	0	0	0		
Dhubri	86·0	+0·3	94	5	77·4	+0·1	74	5 days	10·33	30·20	+16·18	9·03	12	9	−3·5	4·5	3·5	+0·2	10	0	0	1	0	0	0	0		
Silchar	88·0	−1·7	97	26	76·3	+0·1	71	14	8·47	22·48	+7·16	4·49	15	20	+3·8	1·7	1·0	−0·3	22	0	0	9	0	0	0	0		
Tura	83·9	...	91	25,26	73·1	...	71	5 days	8·33	22·13	...	3·79	12	19	...	3·6	2·7	...	23	0	0	4	0	0	0	0		
Lumding	89·6	+1·0	97	4,5	72·8	−2·4	68	15	2·72	9·44	+2·07	2·21	21	13	+2·2	2·1	1·6	...	18	0	0	0	0	0	0	0		
Agartala	88·5	...	94	4	76·3	...	73	15	9·57	14·35	...	2·62	16	18	...	...	...	...	20	0	0	10	1	0	0	0		
Imphal	...	...	...	...	...	...	...	...	1·51	*4·37	...	...	...	...	...	(c)	(c)	...	...	0	0	6	1	0	0	0		
West Bengal																												
Dum Dum	89·2	...	93	1,3,4	79·6	...	76	9,14	4·24	9·24	...	2·27	27	13	...	5·3	5·4	...	15	0	0	14	0	0	0	0		
Calcutta	89·4	−0·5	94	3,4	79·4	+1·4	76	14	4·04	12·62	+2·67	2·95	9	11	−2·2	4·4	3·2	+0·4	17	0	0	17	0	0	0	0		
Barrackpore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	0	19	0	0	0	0		
Saugor Island	86·8	−0·9	90	22,23	80·0	+0·5	75	14,15	3·61	11·58	+1·23	3·27	27	16	+3·1	10·1	9·6	+1·2	20	0	0	3	0	0	0	1		
Sandheads	...	...	...	...	...	...	...	...	1·80	4·93	+0·14	1·56	7	9	+0·6	...	...	...	11	0	0	1	0	0	0	0		
Midnapore	90·2	+0·5	94	1	78·2	+0·1	76	18,19	4·41	8·25	−0·26	2·25	26	14	+2·1	5·6	2·3	+0·4	16	0	0	0	0	0	0	0		
Contai	88·3	...	92	26	78·6	...	73	14	6·24	15·50	...	4·39	27	13	...	5·3	4·7	...	13	0	0	2	0	0	0	0		
Bankura	...	...	...	...	...	...	...	...	...	12·14	+4·27	3·21	27	12	+1·0	...	...	...	...	...	...	...	...	...	...	...		
Burdwan	88·9	−1·1	93	1,4	72·8	−5·8	68	2,16,17	3·43	7·06	−1·74	2·33	27	11	−0·3	4·5	2·9	+1·1	11	0	0	1	0	0	0	0		
Krishnagar	90·7	+0·6	97	4	77·6	−0·4	73	17	8·75	10·62	+2·66	2·09	17	14	+2·8	2·9	2·4	−0·4	19	0	0	14	0	0	0	0		
Asansol	89·0	−0·9	93	4,6,26	77·7	+0·7	72	27	4·22	8·91	+0·66	1·88	27	12	+1·3	4·0	2·9	−1·1	19	0	0	15	0	0	0	0		
Berhampore	90·0	+0·4	96	3,4,6	78·4	−0·2	72	13	4·06	9·39	+0·25	2·90	13	10	−1·5	3·4	2·3	−0·2	13	0	0	1	0	0	0	0		
Malda	88·3	−0·7	95	4,5,6	78·2	−0·1	75	7 days	5·92	22·62	+11·10	8·50	10	14	+2·4	4·9	4·1	+0·2	18	0	0	20	0	0	0	0		
Cooch-Behar	87·5	...	96	5	77·3	...	73	15,27	7·56	23·97	+0·45	9·61	11	17	−0·1	3·6	2·7	...	19	0	0	0	0	0	0	0		
Jalpaiguri	87·5	−0·6	96	5	75·8	−0·1	73	7 days	(b) 4·40	(b) 19·73	...	...	...	...	...	6·4	4·5	+3·0	15	0	0	14	0	0	0	0		
Bagdogra	88·8	...	95	5,6	75·3	...	72	23,27	5·45	18·62	...	5·84	10	15	...	3·2	1·9	...	18	0	0	15	0	0	0	0		
Orissa																												
Balasore	88·0	−0·8	91	5,6,13	78·8	+0·8	76	20,27	3·96	8·91	−2·15	2·25	27	10	−2·9	5·8	4·1	+1·6	20	0	0	15	0	0	0	0		
Chandbali	88·5	−0·3	92	1	78·5	+0·2	71	26	7·04	10·00	+1·08	2·80	26	9	−5·1	6·3	4·8	−0·3	11	0	0	8	0	0	0	0		
Puri	88·5	−0·1	92	5,30	79·4	−0·3	73	14	8·20	17·50	+8·45	3·75	9	17	+4·9	9·7	8·4	+0·3	22	0	0	11	0	0	0	0		
Bhubaneswar	88·2	...	92	1,7	76·7	...	72	14	5·47	13·65	...	2·48	18	21	...	8·1	6·2	...	22	0	0	22	2	0	0	0		
Cuttack	89·9	−0·1	94	1,30	78·4	+0·6	73	14	2·85	5·83	−3·93	1·41	20	10	−2·6	3·8	3·2	+1·4	19	0	0	13	0	0	0	0		
Cuttack (P. B. O.)	...	...	...	...	...	...	...	...	2·79	5·44	...	1·45	18	8	...	3·3	2·0	...	18	0	0	15	0	0	0	0		
Gopalpur	88·5	−0·1	91	4 days	78·5	−1·2	72	2	3·76	5·03	−2·45	1·60	22	11	+1·5	7·2	5·5	−1·0	20	0	0	8	0	0	0	0		
Koraput	80·2	...	84	4 days	69·2	...	66	1,4	3·89	10·68	...	2·12	1	15	...	...	...	...	18	0	0	0	0	0	0	0		
Angul	88·9	+0·1	93	1	77·1	+0·6	73	14,16	2·09	7·95	+0·60	2·18	22	11	−0·1	4·5	3·3	−0·5	19	0	0	12	0	0	0	0		
Sambalpur	89·3	+0·6	93	30	75·7	−1·2	72	20	4·69	10·46	+1·41	1·24	22	15	+3·6	4·0	3·0	+0·2	18	0	0	14	0	0	0	0		
Jharsuguda	89·2	...	93	7	75·4	...	71	14	2·89	8·42	...	1·30	17	15	...	4·5	3·9	...	20	0	0	16	0	0	0	0		
Titilagarh	89·9	...	95	30	75·6	...	72	19	1·55	7·98	...	3·22	1	11	...	2·0	1·2	...	16	0	0	9	0	0	0	0		
Chota Nagpur																												
Purulia	88·9	...	93	6,7	75·4	...	63	10	3·67	10·44	...	4·24	27	13	...	4·3	3·1	...	15	0	0	3	0	0	0	0		
Jamshedpur	90·1	+0·2	93	5 days	78·4	+0·8	74	17	3·68	8·00	+0·89	2·59	27	11	−0·2	5·4	4·0	+0·9	17	0	0	10	0	0	0	0		
Jamshedpur (P.B.O.)	89·3	...	92	5 days	77·2	...	73	17	7·24	11·62	...	2·64	27	14	...	5·6	4·4	...	18	0	0	16	0	0	0	0		
Chaibasa	89·8	+0·5	93	5,7	76·7	+0·7	72	27	4·00	12·33	+4·42	6·12	17	14	+2·4	2·2	1·5	−0·1	17	0	0	11	0	0	0	0		
Ranchi	85·0	+0·9	89	4 days	71·8	−0·1	69	17,18,29	4·51	12·08	+2·78	5·23	27	10	−2·3	3·3	3·9	−0·1	13	0	0	2	0	0	0	0		

* Accumulated rainfall.

(b) Total for 29 days.

(c) Mean of 16 days.

ion 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
pur—contd.																												
aribagh	85·3	+0·6	91	6	72·5	+0·2	69	17	5·13	9·15	+0·21	2·74	27	11	−0·5	6·9	5·2	−0·1	16	0	0	11	0	0	0	0	0	0
aribagh (C.W.)	85·2	...	90	6	72·1	...	69	17	5·56	9·62	...	2·87	27	12	...	...	..	...	19	0	0	15	0	0	0	0	0	0
tonganj	88·6	−1·1	95	6	76·0	+0·6	72	27	5·81	9·83	+2·69	2·29	28	13	+3·7	3·0	2·5	−0·3	15	0	0	10	0	0	0	0	0	0
nea	89·1	+0·1	98	30	76·6	−0·8	73	2,15,28	3·25	9·62	−1·98	1·97	10	13	+1·5	4·4	2·5	+0·6	17	0	0	9	0	0	0	0	0	0
besganj	89·7	..	98	6	76·4	..	73	29	6·19	12·91	..	2·51	10	14	.	5·2	3·9	..	16	0	0	5	0	0	0	0	0	0
bhanga	87·5	−1·7	94	4	78·2	−0·3	74	27	5·59	12·99	+3·75	3·39	10	13	+3·6	3·7	1·8	−0·8	15	0	0	3	0	0	0	0	0	0
tihari	90·1	+0·5	99	6	77·0	0	71	15	4·13	14·92	+5·87	3·44	7	12	+2·9	2·1	2·5	−0·5	13	0	0	7	0	0	0	0	0	0
zaffarpur		...	...	...	...	...	...	...	...	16·12	+7·47	3·20	10	15	+5·5	...	...	...	...	...	...	...	...	...	...	...	...	...
ipra	...	...	...	...	...	...	...	...	...	14·70	+7·22	3·78	11	14	+5·3	...	...	...	...	...	...	...	...	...	...	...	...	...
ah	...	...	...	...	...	..	...	...	...	13·99	+5·80	2·42	11	13	+3·5	...	...	...	...	...	...	...	...	...	...	...	...	...
na	90·2	+0·5	97	5	79·0	+0·1	74	15	4·13	13·63	+5·03	3·78	30	14	+4·8	4·4	4·2	+0·9	18	0	0	9	0	0	0	0	0	0
na (Aerodrome)	89·6	...	96	5,6	77·8	...	74	16	3·75	25·05	...	4·30	11	19	...	5·8	4·1	...	21	0	0	13	0	0	0	0	1	0
iri	89·0	...	95	5,6	77·6	...	74	27	5·09	11·05	+3·66	2·30	13	13	+4·1	2·1	2·6	...	13	0	0	0	0	0	0	0	0	0
a	90·2	−0·3	97	6	77·5	+0·4	73	13,27	5·32	11·15	+3·65	2·52	28	12	+2·7	7·0	5·7	+1·2	18	0	2	15	0	0	0	0	0	0
ui	89·7	...	96	4,6	78·1	...	71	10	4·05	9·36	...	3·63	13	13	...	4·0	2·6	...	17	0	0	0	0	0	0	0	0	0
nka	88·4	−0·7	95	4,6	75·2	−1·5	71	13,14	6·43	12·24	+2·65	2·54	11	12	−0·5	...	...	...	13	0	0	12	0	0	0	0	0	0
our	89·6	+0·3	98	5	78·8	+0·5	74	14	7·44	15·35	+6·99	4·52	13	13	+3·2	5·5	4·1	−0·4	16	0	0	18	0	0	0	0	0	0
galpur	90·5	...	99	5	78·7	...	71	15	8·37	12·22	...	3·74	13	11	...	4·2	3·4	...	15	0	0	14	0	0	0	0	0	0
East																												
da	90·6	−0·5	97	5,6	76·9	+0·2	72	15,16	10·06	22·20	+11·06	6·86	29	10	−0·2	3·4	2·5	−0·6	10	0	0	4	0	0	0	0	0	0
akhpur	89·7	−0·7	97	5,6	78·3	+1·1	71	29	4·87	10·39	+1·87	2·15	30	13	+3·7	4·2	2·9	+1·2	15	0	0	0	0	0	0	0	0	0
mgarh	90·5	...	98	5	78·3	...	75	28	7·95	19·63	...	5·85	11	10	.	2·7	2·0	...	12	0	0	0	0	0	0	0	0	0
aras	90·1	−0·9	96	6	77·0	−0·3	74	1,18	6·43	12·99	+5·77	3·20	11	12	+3·3	3·7	2·5	−0·3	19	0	0	6	0	0	0	0	0	0
aras (Babatpur rodrome)	89·9	...	96	5	78·0	...	73	28	8·34	20·25	...	4·20	9	12	...	5·8	4·9	...	14	0	0	10	0	0	0	0	0	0
habad (Bamrauli)	90·5	−1·0	96	5,6,26	77·6 (c)	+0·1	..		4·22	7·38	−0·98	2·56	28	11	+1·5	4·1	2·9	−0·8	13	0	0	6	0	0	0	0	0	0
hpur	88·7	−2·4	94	4 days	77·3	+0·6	73	16	1·95	5·62	+0·11	0·98	8	10	+1·4	3·5	1·6	−0·9	11	0	0	2	0	0	0	0	0	0
da	92·7	...	98	26	77·4	...	74	18,25,30	4·72	5·60	...	2·24	9	6	...	0·8	0·5	...	6	0	0	0	0	0	0	0	0	0
i	92·3	...	98	26,27	76·6	...	68	16	1·91	3·99	...	1·33	8	7	...	5·6	3·5	...	8	0	0	0	0	0	0	0	0	0
pur	90·9	0	96	6	76·6	+0·4	72	16	3·69	5·71	−1·08	1·34	2	9	+1·7	3·6	2·3	−2·8	11	0	0	3	0	0	0	0	0	0
inow	91·9	0	98	24,26	77·6	+1·1	74	18,19	3·01	5·33	−2·07	2·67	29	4	−3·9	3·1 (b)	1·6 (b)	+0·1	6	0	0	0	0	0	0	0	0	0
inow (Amousi rodrome)	91·9	0	97	26	76·2	+1·5	72	16	3·25	7·14	−0·26	3·60	29	6	−1·9	5·4	3·9 (b)	...	8	0	0	5	0	0	0	0	0	0
doi	92·8	...	97	6,27	76·5	...	72	17	1·62	5·40	...	1·48	9	6	...	3·9	2·5	...	7	0	0	0	0	0	0	0	0	0
impur Kheri	91·8	...	96	6	76·3	...	71	17	0·85	1·82	...	0·56	16	5	...	3·4	1·7	...	8	0	0	1	0	0	0	0	0	0
aich	91·4	+0·2	98	6	76·8	+0·3	73	15,18,19	1·11	5·38	−3·20	1·67	29	10	+2·7	4·1	2·8	+0·8	10	0	0	2	0	0	0	0	0	0
West																												
si	92·0	+0·3	98	27	75·7	+0·3	70	18	0·91	2·87	−3·03	1·23	3	6	−1·0	6·0	3·6	+0·6	7	0	0	0	0	0	0	0	0	0
.	94·2	+1·3	99	4 days	74·7	−1·5	69	17,18,19	1·35	1·38	−3·20	1·23	8	2	−3·6	2·6	1·8	−1·6	2	0	0	1	0	0	0	0	0	0
ipuri	94·6	+1·7	100	8	76·6	+1·0	69	17	1·41	4·97	−0·12	2·22	11	6	−0·4	2·2	1·3	−0·4	11	0	0	0	0	0	0	0	0	0
irh	94·4	+2·1	100	28	76·0	+0·1	69	16,17	1·25	1·87	−3·43	0·90	12	4	−2·1	...	...	...	5	0	0	2	0	2	0	0	0	0
illy	92·5	+1·6	97	6,26,27	76·6	+0·9	69	16	0·21	1·96	−5·54	0·73	9	4	−2·8	1·0	1·5	−0·1	5	0	0	5	0	0	0	0	0	0
abad	91·4	...	94	8 days	73·8	...	67	18	0·05	2·86	...	1·65	4	3	...	4·0	3·2	...	6	0	0	3	0	0	0	0	0	0
ut	92·7	+0·9	96	5 days	74·9	+0·3	70	18	...	2·28	−3·58	0·60	16	4	−1·1	...	2·7	...	7	0	0	0	0	0	0	0	0	0
kee	91·8	+1·3	95	4 days	73·7	+0·6	66	16,17	0·78	3·01	−3·36	1·29	16	6	0	3·5	2·4	+0·7	8	0	0	4	0	0	0	0	0	0
a Dun	86·0	+1·2	89	5 days	69·8	+0·3	61	18	1·94	6·53	−4·09	2·10	16	8	−2·9	2·7	2·0	+0·5	13	0	0	7	0	0	0	0	0	0
(I)																												
Delhi	94·2	+1·5	98	27	76·3	+0·5	69	17	1·25	2·58	−2·26	1·32	17	2	−2·6	5·9	4·3	−1·3	5	0	0	5	0	0	0	0	2	0
r	96·7	0	103	28	75·2	+0·7	68	17	0	0·44	−2·37	0·44	17	1	−2·1	3·5	3·4	−0·7	1	0	0	1	0	0	0	0	0	0
al	92·8	...	97	12,17	74·2	...	65	16	0·23	3·38	...	2·00	17	3	...	2·7	2·3	...	4	0	0	5	0	0	0	0	0	0
da	97·0	+3·0	100	7 days	74·7	+0·8	65	17	0·75	2·95	−2·16	2·07	16	3	−1·7	3·0	2·9	+0·7	3	0	0	0	0	0	0	0	0	0
a	94·2	...	99	9,27,28	72·6	...	66	17	3·91	5·57	−3·20	2·96	16	5	−1·0	3·7	2·8	...	5	0	0	3	0	0	0	0	0	0
ana	96·7	+1·8	103	27	75·6	+0·8	66	17	0·14	0·51	−3·44	0·34	16	2	−1·8	1·5	0·9	−0·3	3	0	0	0	0	0	0	0	0	0
pur	93·1	...	98	4 days	70·4	...	65	17	0·58	4·11	...	2·91	1	5	...	1·7	1·2	...	6	0	0	8	0	1	0	0	0	0
ar	92·8	...	99	27	72·9	...	63	17	0·69	3·37	...	1·95	1	5	...	6·0	4·6	...	7	0	0	6	0	1	0	0	0	0
kot	91·3	...	95	9 days	70·1	...	60	17	2·53	5·88	...	1·88	2	6	...	2·3	1·7	...	8	0	0	0	0	0	0	0	0	0

(b) Mean of 29 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 w								
	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
Jammu and Kashmir																											
Srinagar	80·4	−3·1	87	8,14,15	56·8	+3·3	51	26,30	0·94	2·68	+1·15	0·99	1	4	+0·5	1·2	1·4	−0·6	6	0	0	4	0	0	0	0	0
Gulmarg	62·9	−0·6	70	12	42·4	−0·7	35	30	...	7·41	+4·79	2·90	1	9	+3·7	...	3·1	+0·2	12	0	0	7	6	0	0	0	0
Sonamarg	...	...	...	...	...	...	...	...	...	0·43	−2·62	0·09	1,2	0	−7·1	...	...	...	...	...	...	...	...	...	...	...	...
Dras (R)																											
Kargil (R)																											
Leh	70·8	+1·1	79	13	42·7	+0·9	28	30	0·10	0·16	−0·11	0·06	18	0	−0·9	3·5	3·4	+1·6	5	0	0	0	0	0	0	0	0
Skardu (R)																											
Gurez	...	...	...	...	...	...	...	...	...	11·66	+9·80	6·40	1	6	+0·9	...	...	...	...	...	...	...	...	...	...	...	...
Gilgit (R)																											
Misgar (R)																											
Jammu (R)																											
Rajasthan, West																											
Sri Ganganagar	96·3	−3·7	102	28,29	75·9	+1·8	67	16	0·82	2·09	+1·97	1·05	16	3	+2·5	3·1	2·8	−2·8	5	0	0	0	0	0	0	0	0
Bikaner	95·8	−1·6	100	7 days	77·5	+0·4	73	17	0·06	0·35	−0·96	0·23	1	2	−0·1	5·3	5·0	−0·4	2	0	0	1	0	0	0	0	0
Jaisalmer	95·6	...	101	30	75·8	...	71	1	0	1·06	...	1·06	1	1	...	7·0	10·5	...	1	0	0	0	0	0	0	0	0
Jodhpur	94·3	+0·1	100	24,25,30	75·1	+0·3	73	8 days	1·70	2·82	+0·42	1·94	5	3	+0·2	6·7	4·9	−2·4	4	0	0	1	0	0	0	0	0
Phalodi	93·1	...	97	4 days	76·0	...	73	1,10	0	0·29	−0·66	0·29	1	1	−0·7	(b) 10·2	8·8	...	1	0	0	0	0	0	0	0	0
Barmer	94·5	−0·7	99	29,30	77·0	+1·3	71	1	0·04	1·90	+1·17	1·86	1	1	−0·4	7·8	6·7	+1·0	2	0	0	0	0	0	0	0	0
Rajasthan, East																											
Sikar	94·6	...	97	26,30	73·4	...	66	19	0·44	0·44	...	0·15	20	3	...	7·5	5·1	...	4	0	0	0	0	0	0	0	0
Jaipur	91·8	−1·3	97	26,27,28	74·0	+1·2	68	18,19	0·55	0·89	−2·33	0.45	4	3	−1·7	5·5	3·4	−0·6	5	0	0	4	1	0	0	0	0
Jaipur (Sanganer Aerodrome)	91·1	...	96	27	73·4	...	68	19	3·90	4·29	...	1·28	18	7	...	7·5	5·6	...	8	0	0	6	0	0	0	0	0
Ajmer	88·9	−1·1	94	28	75·5	+1·0	70	18,19	0·80	0·86	−1·84	0·43	18	2	−2·0	6·5	4·9	+0·8	6	0	0	3	0	0	0	0	0
Kotah	93·4	+1·1	97	27,28	77·5	+1·1	72	18	1·21	1·89	−2·82	0·78	4	5	−0·7	4·6	2·4	−0·2	5	0	0	4	0	0	0	0	0
Jhalawar	91·4	+2·0	96	28	74·5	+1·2	69	16,17,18	1·41	2·33	−3·90	0·65	8	7	+0·1	2·9	3·2	+0·1	7	0	0	7	0	0	0	0	0
Udaipur	87·2	−0·4	93	28	69·6	−1·6	66	13,20	3·35	4·42	+0·57	1·61	4	7	+1·6	3·5	1·8	...	14	0	0	8	0	0	0	0	0
Madhya Bharat																											
Gwalior (P. B. O.)	91·3	+1·2	96	27	75·5	−0·5	71	16,17	3·62	4·66	−2·71	1·33	8	6	−1·4	4·1	3·0	...	7	0	0	8	0	0	0	0	0
Sheopur Kalan	92·2	...	97	28	74·6	...	68	19	1·30	3·79	...	2·40	2	6	...	3·3	1·8	...	8	0	0	4	0	0	0	0	0
Guna	90·4	+3·3	96	28	72·3	+0·8	67	19	0·83	2·65	−6·76	1·94	9	4	−4·6	6·2	3·7	−0·2	8	0	0	6	2	0	0	0	0
Neemuch	88·0	+0·1	93	28,29	71·8	+0·6	66	18	3·56	4·35	−0·62	1·12	18	6	−0·3	7·0	5·3	−0·7	10	0	1	8	0	0	0	0	0
Ratlam	87·1	...	93	29	72·1	...	69	17,18	1·95	3·13	...	1·16	4	5	...	6·2	4·3	...	8	0	0	0	0	0	0	0	0
Indore	86·5	+1·1	90	6,28	69·9	+0·4	65	17,18	3·24	4·29	−2·17	1·55	11	11	+2·6	12·9	10·5	...	16	0	0	8	0	0	0	0	0
Bhopal (Bairagarh)	88·1	+2·2	92	27	71·2	−0·2	67	18	2·85	3·99	−6·43	2·93	3	4	−6·2	7·4	5·8	−0·7	7	0	0	6	0	0	0	0	0
Vindhya Pradesh																											
Nowgong	90·6	+0·3	97	25	74·3	−0·5	70	18	2·38	3·85	−1·96	1·19	9	8	+0·8	3·2	2·1	+0·3	10	0	0	9	0	0	0	0	0
Sutna	88·3	+0·1	93	6	75·0	+0·2	71	10	1·74	4·85	−2·04	1·73	10	10	+1·1	3·9	2·7	−0·6	13	0	0	7	0	0	0	0	0
Umaria	88·1	+1·7	93	6	73·3	+0·2	70	20,28	3·01	4·15	−4·98	1·32	8	10	−0·4	3·8	2·4	−0·8	19	0	0	8	0	0	0	0	0
Madhya Pradesh, East																											
Gondia	89·2	...	92	5,6	75·8	...	73	11,14,15	0·89	4·70	...	0·95	14	10	...	3·9	2·3	...	15	0	0	8	0	0	0	0	0
Pendra	84·3	+0·7	88	1,6	71·9	+1·4	69	19,28	4·95	9·74	+1·84	1·54	1	14	+2·7	4·4	3·0	−0·2	17	0	0	15	3	0	0	0	0
Raigarh	89·5	...	92	5 days	76·1	...	72	1	14·12	15·41	...	2·84	1	16	...	3·8	3·0	...	17	0	0	0	0	0	0	0	0
Ambikapur	84·7	...	89	4 days	71·9	...	69	20,21,28	4·82	10·39	...	2·42	9	12	...	7·1	4·8	...	16	0	0	5	0	0	0	0	0
Champa	90·5	...	95	6,8	77·1	...	73	28	2·60	5·27	...	2·04	10	9	...	4·3	3·3	...	14	0	0	0	0	0	0	0	0
Raipur	89·1	+1·0	92	6	76·0	+1·0	70	26	4·25	11·33	+3·64	2·90	11	8	−2·3	2·2	1·8	−2·9	11	0	0	11	0	0	0	0	0
Kanker	87·0	+1·1	91	5	74·2	+1·3	72	10,16	2·33	4·36	−5·88	0·93	7	10	−2·3	3·8	2·9	−0·7	13	0	0	8	0	0	0	0	0
Chanda	89·2	+0·3	92	16	75·1	+0·6	71	27	5·32	12·13	+3·22	2·69	15	12	+1·3	6·2	2·4	−0·7	16	0	0	9	0	0	0	0	0
Sironcha	89·2	...	94	29,30	76·5	...	73	16	4·92	8·74	...	1·72	25	12	...	3·8	2·5	...	17	0	0	3	2	0	0	0	0
Jagdalpur (P. B. O.)	87·7	+2·5	93	30	73·0	+1·6	70	18,19,25	5·97	8·46	−1·92	1·57	24	9	−4·6	3·0	1·8	...	17	0	0	18	2	0	0	0	0
Madhya Pradesh, West																											
Buldhana	84·8	...	89	30	70·5	...	68	16	0·21	1·27	...	0·73	5	2	...	7·7	6·9	...	8	0	0	0	0	0	0	0	0
Akola	91·6	+2·2	95	28	74·3	+1·2	72	9,16,18	2·05	3·30	−2·50	0·88	13	7	−0·6	8·0	6·2	+1·3	8	0	0	7	0	0	0	0	0
Amravati	89·5	+1·3	94	28	73·4	+0·9	71	18,20	2·02	3·14	−2·99	0·89	8,11	7	−1·3	6·6	4·3	0	13	0	0	14	0	0	0	0	0
Yeotmal	87·8	...	90	1,19,28	71·3	...	68	19	2·65	5·22	...	1.06	20	12	...	7·7	(c) 6·1	...	16	0	0	0	0	0	0	0	0
Khandwa	87·3	−1·1	94	19	73·6	+0·6	70	18	1.15	2·49	−3·20	1·25	4	6	−1·1	6·4	5·0	0	7	0	0	0	0	0	0	0	0
Hoshangabad	89·4	+2·7	94	29	74·0	+0·7	70	19,20	2·93	9·64	+1·28	3·38	8	9	−0·5	3·2	2·0	−0·1	12	0	0	9	0	0	0	0	0
Sagar	86·4	+0·1	92	27	72·3	+0·9	68	18	3·78	5·26	−2·34	1·82	9	7	−2·6	8·3	7·2	−2·3	10	0	0	8	0	0	0	0	0
Jabalpur	89·4	+2·3	93	5 days	74·2	+1·9	71	19,20	2·19	3·02	−5·39	1·08	3	5	−4·7	3·9	2·1	−0·2	10	0	0	4	1	0	0	0	0
Mandla	87·4	...	92	4,5	72·5	...	69	21	4·10	6·00	...	1·45	12,26	9	...	3·8	2·1	...	14	0	0	7	6	0	0	0	0

(R) Register not received.

(b) Mean of 29 days.

(c) Mean of 28 days.

ision 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
dhya Pradesh, st—*contd.*																												
oni	86·6	+1·6	91	29	72·0	+1·6	69	18	7·80	9·41	+0·82	2·70	13	11	+0·1	5·2	2·9	−0·1	14	0	0	2	0	0	0	0	0	0
hindwara	85·7	...	89	27	70·6	...	66	18	2·91	5·31	...	1·52	3	8	...	5·7	3·4	...	11	0	0	0	0	0	0	0	0	0
tul	84·6	...	87	4 days	70·1	...	65	20	6·14	11·26	...	4·68	7	9	...	5·6	3·3	...	12	0	0	5	1	0	0	0	0	0
gpur	90·4	+0·6	94	28	73·6	−0·6	69	18	1·71	5·28	−2·73	1·85	15	10	−0·6	4·8	2·7	...	17	0	0	6	0	0	0	0	2	0
rat																												
esa	92·8	...	97	28,29,30	74·4	...	72	6 days	0·06	0·33	...	0·23	4	1	...	...	...	...	3	0	0	0	0	0	0	0	0	0
rat	89·1	+0·4	94	30	76·9	+1·0	75	4 days	0·55	5·54	−0·26	1·91	4	8	+0·6	4·8	3·9	+0·1	13	0	0	0	0	0	0	0	0	0
medabad	90·9	−1·7	96	29,30	75·4	+0·1	72	23	5·00	7·20	+3·04	4·77	4	5	−0·2	4·9	3·7	−0·8	8	0	0	2	0	0	0	0	0	0
had	88·1	+2·0	94	29	73·7	+0·8	72	4 days	0·55	3·36	−2·27	2·02	27	3	−4·2	10·9	9·8	+3·3	7	0	0	2	0	0	0	0	0	0
roda	90·7	+0·1	95	29	75·5	+0·9	73	23	0·65	3·00	−2·96	1·13	3	7	+0·3	3·2	2·4	−1·0	9	0	0	1	0	0	0	0	0	0
roda (Aerodrome)	89·8	...	94	28	76·0	...	74	22,23	1·27	3·08	...	0·97	2	6	...	4·7	4·3	...	8	0	0	1	0	0	0	0	0	0
ach	89·9	...	95	14,29,30	76·2	...	75	7 days	2·43	3·89	...	1·69	5	8	...	5·0	4·0	...	13	0	0	0	0	0	0	0	0	0
ashtra and Kutch																												
uj	90·1	−1·7	93	5	75·3	+0·6	73	18,19,20	0·44	0·72	−1·09	0·60	6	2	+0·2	8·2	6·1	+1·5	2	0	0	2	0	0	0	0	0	0
uj (P. B. O.)	...	...	...	...	....	...	...	...	0·44	0·72	...	0·60	6	2	...	6·2	4·6	...	2	0	0	0	0	0	0	0	0	0
arka	86·4	+1·2	88	3,5,23	79·2	+1·5	76	6,24	0·55	0·90	−0·57	0·56	24	3	+1·0	10·3	9·7	+1·2	5	0	0	0	0	0	0	0	0	0
bander	86·5	...	88	5,18,21	78·8	...	75	23	2·06	2·60	...	1·47	23	4	...	10·1	8·3	...	4	0	0	0	0	0	0	0	0	0
nnagar	91·4	+2·0	95	17	74·4	−0·1	72	11	3·87	6·16	+3·93	2·36	5	7	+4·3	...	...	...	10	0	0	2	0	0	0	0	0	0
jkot	89·8	−2·0	93	30	73·0	+0·4	71	5 days	1·33	6·76	+3·42	5·20	5	5	+0·1	3·8	3·2	−3·8	5	0	0	1	0	0	0	0	0	0
jkot (Aerodrome)	91·1	...	94	4 days	72·5	...	70	11,13,21	...	6·36	...	4·78	5	4	...	...	8·6	...	6	0	0	0	0	0	0	0	0	0
aval	86·3	...	89	21	76·6	...	73	4 days	1·72	2·52	+0·03	1·40	4	6	+2·1	12·2	10·4	+3·5	11	0	0	0	0	0	0	0	0	0
huva	89·0	...	92	20,30	73·3	...	70	21	0·82	1·79	...	1·26	5	3	...	9·3	6·1	...	5	0	0	0	0	0	0	0	0	0
vnagar	90·9	−1·5	97	30	74·6	−0·3	72	15	5·49	7·10	+3·24	3·07	5	7	+1·3	6·0	5·2	+0·1	11	0	0	3	0	0	0	0	0	0
vnagar (Aerodrome)	90·6	...	95	16,20,30	75·7	...	73	15	...	6·13	...	2·49	5	4	...	...	9·1	...	8	0	0	3	0	0	0	0	0	0
an																												
anu	85·5	...	89	24	75·4	...	73	12	6·89	13·80	...	7·05	4	7	...	10·2	7·6	...	14	0	0	0	0	0	0	0	0	0
abay (Colaba)	86·7	+1·2	89	5 days	76·6	+0·9	74	28	1·16	4·59	−5·80	2·42	4	8	−4·7	6·3	4·7	−2·3	17	0	0	1	0	0	0	0	6	0
abay (Santa Cruz rodrome)	86·0	+0·9	89	20	73·9	−0·2	71	27	1·65	7·37	−3·02	4·30	4	9	−3·7	8·6	5·1	...	15	0	0	0	0	0	0	0	0	0
ag	85·1	+0·5	88	20	75·5	−0·5	74	4 days	...	6·16	−4·81	1·98	4	10	−4·5	...	7·8	−1·0	16	0	0	0	0	0	0	0	0	0
nai	83·4	...	87	24	76·3	...	74	10	0·56	3·49	...	0·64	10	10	...	9·4	8·1	...	14	0	0	0	0	0	0	0	0	0
nagiri	84·7	...	87	24	75·1	...	73	22,28	1·20	4·22	...	0·88	24	14	...	...	...	...	20	0	0	0	0	0	0	0	0	0
gad	85·6	...	90	27	75·5	...	73	4,15	1·09	3·74	...	0·97	3	10	...	10·1	9·2	...	13	0	0	0	0	0	0	0	0	0
gurla	85·1	...	88	20	74·5	...	73	4 days	1·01	3·98	...	0·73	7	13	...	...	...	...	21	0	0	4	0	0	0	0	0	0
magao	82·8	+0·1	85	14	75·4	+0·7	72	5	0·94	5·64	−2·02	1·15	5	13	−1·2	8·0	7·6	+2·2	20	0	0	2	0	0	0	0	0	0
war	83·6	...	86	1,21,22	75·1	...	73	5,6	1·60	8·44	...	2·02	8	15	...	...	...	...	21	0	0	0	2	0	0	0	0	0
avar	...	..		...	74·1	...	72	4,5,24	1·44	10·95	−2·62	2·10	4	17	+0·4	3·0	2·3	...	23	0	0	0	0	0	0	0	0	0
n (Desh)																												
ndala	...	...	...	...	...	...	...	...	...	18·56	−8·79	3·93	4	22	+0·3	...	...	...	27	0	0	0	0	0	0	0	0	0
ion	92·2	...	95	5 days	73·5	...	70	16	0·75	2·50	−3·51	0·89	5	4	−3·7	8·1	7·4	...	8	0	0	2	0	0	0	0	0	0
gaon	89·9	+1·2	93	4 days	70·3	+0·1	66	21	3·39	4·80	−0·99	1·80	3	6	−1·7	3·2	2·3	−3·6	9	0	0	0	0	0	0	0	0	0
ali	84·4	...	90	14	69·0	...	64	21	...	1·67	...	0·60	27	4	...	...	5·2	...	8	0	0	1	0	0	0	0	0	0
ednagar	86·5	+0·4	92	1,2	68·7	+0·8	65	16,21	2·38	4·96	−1·58	1·11	5	10	+1·4	4·3	3·6	−2·6	12	0	0	0	0	0	0	0	0	0
a	86·0	+1·4	91	19	70·0	+1·1	66	21,22	0·85	3·00	−2·29	1·42	13	6	−1·6	4·1	2·4	−4·3	11	0	0	4	0	0	0	0	0	0
a (Lohagaon rodrome)	85·6	...	89	19,20	68·1	...	65	16,21,22	2·01	3·62	...	1·59	28	5	...	...	...	...	8	0	0	3	1	0	0	0	0	0
	87·6	...	94	2	70·6	...	68	9	1·10	8·44	...	2·01	13	10	...	8·0	7·3	...	13	0	0	0	0	0	0	0	0	0
apur	87·9	−0·8	95	1,2	71·4	+0·4	70	9 days	2·65	11·96	+4·37	2·61	13	14	+4·9	7·4	5·8	−0·6	19	0	0	2	0	0	0	0	0	0
j	86·5	+2·2	90	19,22	69·6	+1·7	67	28	1·65	4·86	+0·98	3·26	13	6	+0·3	9·6	7·7	+0·2	8	0	0	3	1	0	0	0	0	0
apur	83·2	...	88	19	69·2	...	66	22	0·58	1·69	...	0·53	13	4	...	9·1	7·1	...	15	0	4	6	0	0	0	0	0	0
ur	86·4	−1·0	92	1	70·8	+1·0	68	9	1·31	5·08	−0·46	1·70	13	10	+2·0	6·2	5·5	−0·5	17	0	0	0	0	0	0	0	0	0
um	78·8	−0·6	84	20	66·3	+0·6	63	11	2·56	4·88	+0·08	0·91	12	10	+0·9	2·4	3·7	−0·1	12	0	0	2	0	0	0	0	0	0
um (Sambre drome)	80·8	...	85	12	66·9	...	65	11,24,27	1·04	2·77	...	0·96	12	7	...	14·4	11·5	...	11	0	0	1	0	0	0	0	0	0
g	84·6	−0·7	90	1,12	69·3	+0·5	67	28	1·45	9·28	+4·60	2·86	12	11	+4·6	8·1	7·6	−0·6	17	0	0	2	0	0	0	0	0	0
abad, North																												
gabad	87·4	+1·2	90	10 days	69·5	+0·3	66	21	0·95	3·77	−2·92	1·58	4	8	−1·0	7·7	6·9	0	10	0	0	4	0	0	0	0	0	0
gabad (Chikal-a Aerodrome)	87·0	...	90	2,3	69·4	...	66	16,19,20	1·10	3·70	...	1·18	27	8	...	9·7	8·4	...	11	0	0	7	0	0	0	0	0	0
ani	88·0	...	92	2,19,20	71·7	...	67	25	4·03	17·13	+9·08	3·55	25	12	+2·4	7·1	5·3	...	18	0	0	12	0	0	0	0	0	0
gundam	89·7	...	96	30	76·7	...	74	4 days	4·26	8·80	...	1·70	6	12	...	3·8	2·4	...	17	0	0	2	0	0	0	0	0	0
nabad	87·8	+0·2	92	21	73·2	+0·3	70	25	2·56	15·19	+6·28	5·15	27	11	+1·0	4·6	3·6	+0·5	14	0	0	9	0	0	0	0	0	0
	83·7	−0·4	88	20,21,30	69·6	−0·5	68	7 days	4·84	10·84	+2·30	2·18	24	13	+2·0	9·1	7·3	−0·4	18	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 wi								
	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	86·9	−1·7	92	2	71·8	+0·3	69	25	5·31	10·90	+3·44	3·87	12	17	+6·9	9·3	7·2	+0·4	20	0	0	0	0	0	0	0	0
Raichur	87·6	−1·7	94	1	72·9	+0·3	70	16	0.47	8·64	+2·41	1·64	8	16	+6·6	8·7	7·3	−0·1	19	0	0	6	0	0	0	0	0
Mahbubnagar	85·0	...	91	1,30	71·9	...	69	16	1·35	12·01	...	1·77	8	15	...	8·4	6·6	...	19	0	0	7	0	0	0	0	0
Hyderabad (Begumpet Aerodrome).	84·2	−1·4	89	1,29,30	71·3	+0·9	69	5 days	1·66	6.57	+0·12	1·35	1	13	+3·5	11·2	8·4	+1·7	17	0	0	8	0	0	0	0	0
Hakimpet	83·8	...	89	1,30	70·2	...	67	16	2·23	7·68	...	2·26	16	12	...	...	...	...	17	0	0	6	0	0	0	0	0
Hanamkonda	87·6	−0·6	93	30	74·7	+0·2	71	15,18	3·96	10·03	+2·69	1·83	7	15	+5·9	7·7	5·3	+1·0	17	0	0	13	0	0	0	0	0
Bhadrachallam	89·3	...	94	30	76·3	...	72	19	4·55	7·84	...	1·54	24	13	...	4·3	2·8	...	16	0	0	6	0	0	0	0	0
Khammameth	89·9	...	95	29,30	76·0	...	74	16,18	3·57	7·98	...	1·60	7	14	...	4·9	3·0	...	16	0	0	9	0	0	0	0	0
Coastal Andhradesa																											
Nellore	93·7	−1·0	98	20	79·4 (d)	+1·2	...	...	0 33	2·82	−1·64	1·30	16	6	+0·4	7·3	4·9	+0·6	10	0	0	4	0	0	0	0	0
Ongole	91·3	...	97	1,20	77·4	...	72	15	1·15	8·92	...	2·15	23	12	...	7·3	4·8	...	14	0	0	2	0	0	0	0	0
Gannavaram	90·7	...	96	1,20,29	77·0	...	73	24	1·83	3·65	...	1·32	24	10	...	10·5	7·7	...	12	0	0	10	0	0	0	0	0
Masulipatam	88·3	−2·2	93	1,20,29	78·5	+0·9	71	23	4·26	5·92	−0·45	0·99	30	11	+1·1	7·5	5·7	+1·2	14	0	0	8	0	0	0	0	0
Kakinada	90·1	+0·3	94	1	78·0	−0·1	74	23,24	0·83	3·77	−2·39	1·23	23	7	−1·8	6·4	5·5	+1·3	12	0	0	2	0	0	0	0	0
Visakhapatnam	89·7	−0·8	93	28	78·0	0·0	72	11	3·35	7·54	+0·99	1·48	20	12	+2·9	6·8	4·6	−0·8	19	0	0	8	0	0	0	0	0
Calingapatam	88·1	−1·7	91	28	78·6	+0·2	75	25	0·97	6·63	−0·30	1·90	25	9	−0·1	6·7	5·2	+0·7	11	0	0	8	0	0	0	0	0
Rentachintala	90·4	−3·3	96	30	76·0	−1·3	72	22,23	4·03	7·44	+2·68	1·86	8	11	+3·2	7·0	4·4	−1·5	14	0	0	13	0	0	0	0	0
Rayalaseema																											
Arogyavaram	83·6	...	89	11	70·4	...	65	17	2·41	6·64	...	2·08	21	10	...	8·8	6·3	...	12	0	0	3	0	0	0	0	0
Cuddappah	90·3	−3·3	95	4 days	77·1	+0·6	72	17	0·81	4·47	−1·56	1·40	22	7	−1·3	1·9	1·4	−3·5	9	0	0	0	0	0	0	0	0
Bellary	87·4	−3·1	94	1	73·8	+0·8	70	17	0·15	4·54	−0·33	1·36	17	7	−0·1	8·0	7·0	+0·7	15	0	0	0	0	0	0	0	0
Kurnool	87·0	−3·0	93	1,20	73·7	−0·3	70	20	3·12	10·49	+5·47	1·96	23	16	+6·8	7·4	7·0	+0·9	19	0	0	3	0	0	0	0	0
Anantapur	88·0	...	93	1,2,9	73·4	...	68	17	0·67	9·46	+3·18	3·96	13	14	+7·1	8·7	7·2	...	19	0	0	5	0	0	0	0	0
Tamilnad																											
Palayamcottai	96·5	...	102	16,30	78·9	...	75	11,12	1·50	1·50	+0·27	0·77	17	3	+0·8	10·3	8·4	...	3	0	0	2	0	0	0	0	0
Pamban	88·4	−0·8	91	3	80·4	+1·7	73	12	0	0·70	−0·44	0·59	11	1	−0·9	12·5	10·3	+2·5	4	0	0	0	0	0	0	0	0
Mathurai	94·5	+0·7	99	11	75·7	−0·2	72	20	0.45	7·05	+2·35	3·65	20	7	+0·5	4·0	3·4	+0·2	10	0	0	5	0	0	0	0	0
Nagapattinam	92·3	−0·4	97	6,8	77·7	+0·3	71	17	0·06	4·16	+0·86	1·69	11	5	−0·1	8·1	6·7	+1·9	9	0	0	0	0	0	0	0	0
Tiruchirapalli	92·7	−1·4	98	11	75·6	−0·6	70	17	0·04	8·23	+4·49	3·00	17	9	+3·0	14·3	11·9	+1·3	9	0	0	8	0	0	0	0	0
Coimbatore	84·8	−3·9	88	23,25	71·8	+0·9	69	24	0·32	1·29	−0·30	0·72	12	4	+0·7	9·8	8·1	+3·4	5	0	0	3	0	0	0	0	0
Coimbatore (Peelamedu Aerodrome).	88·4	...	92	30	70·9	...	67	4	0·45	2·33	...	1·60	12	4	...	16·8	15·2	...	6	0	0	7	0	0	0	0	0
Salem	89·7	−2·1	95	9	73·5	−0·5	70	11,17,19	2·45	10·99	+4·92	3·38	11	9	+0·5	4·8	4·2	+1·1	11	0	0	10	0	0	0	0	0
Kallakurichi	92·6	...	98	8,29	75·1	...	70	11	1·96	9·44	...	2·63	11	11	...	...	...	...	13	0	0	8	0	0	0	0	0
Cuddalore	92·3	−0·2	96	5	77·0	+0·2	72	17,20	1·12	6·40	+1·19	2·05	16	8	+1·8	6·4	5·5	+1·6	9	0	0	3	0	0	0	0	0
Vellore	91·9	−0·3	97	8	76·6	+1·3	71	16	3·22	9·90	+3·12	2·04	15	9	+0·9	6·3	4·4	+1·3	11	0	0	8	0	0	0	0	0
Madras	92·4	−1·5	97	2	77·8	+0·6	74	1,17,18	0 95	5·44	+0·76	1·89	9	10	+3·0	10·5	7·6	−0·4	12	0	0	8	0	0	0	0	1
Madras (Nungambakkam).	91·6	...	96	2,28	77·8	...	72	16	...	5·03	...	0·88	5	9	...	...	4·0	...	16	0	0	0	0	0	0	0	0
Malabar & South Kanara																											
Mangalore	84·4	+0·1	86	15	75·0	+0·7	72	27	1·53	5·91	−4·57	1·65	4	14	−1·5	4·3	3·9	Q	23	0	0	0	1	0	0	0	0
Kozhikode	87·6	+3·2	92	23	75·2	+0·6	73	13,28	0·62	2·29	−5·65	0·61	4	6	−5·7	7·9	5·7	+1·3	11	0	0	0	0	0	0	0	0
Palghat	86·4	...	90	30	73·6	...	72	4 days	0·63	3·13	...	1·68	12	5	...	10·4	8·0	...	9	0	0	1	0	0	0	0	0
Mysore																											
Chitaldrug	83·0	−1·3	88	12	68·7	+0·7	67	14,24	0·50	1·90	−2·47	1·25	12	4	−3·1	7·2	6·7	+0·8	6	0	0	0	0	0	0	0	0
Shimoga	82·9	...	85	5 days	69·4	...	66	26	2·37	3·70	...	0·70	22	8	...	4·4	3·0	...	18	0	0	1	0	0	0	0	0
Hassan	80·2	−0·8	84	30	65·6	+0·8	62	28	1·30	2·75	−1·58	1·52	12	5	−3·1	8·2	7·3	+2·2	9	0	0	6	0	0	0	0	0
Bangalore (Central Observatory).	81·7	−0·4	87	15	66·5	+1·2	63	26	0·81	7·85	+1·19	1·91	30	12	+3·1	9·3	7·6	+1·8	15	0	0	5	0	0	0	0	0
Bangalore (Aerodrome).	83·1	...	87	11,15	66·4	...	63	26	0·56	5·23	...	2·72	30	8	...	...	...	...	13	0	0	7	0	0	0	0	0
Mysore	83·9	−0·3	87	19,29,30	66·7	+0·1	63	23,28	0·63	5·46	+0·51	2·08	30	4	−4·2	8·4	6·8	+0·8	7	0	0	2	0	0	0	0	0
Balehonnur	76·8	+0·4	81	28,30	65·0	+0·5	63	27	...	6·07	−1·61	0·92	4	14	−2·0	...	...	...	20	0	0	0	0	0	0	0	0
Travancore-Cochin																											
Fort Cochin	83·4	+0·4	86	21	75·4	0	74	7 days	0·99	4·95	−2·72	0·78	12	13	−0·7	9·0	5·9	+1·5	21	0	0	1	0	0	0	0	0
Cochin (Willingdon Island Aerodrome)	85·0	...	87	21,30	74·6	...	73	6 days	0·79	5·71	...	1·49	5	13	...	5·2	2·8	...	17	0	0	0	0	0	0	0	0
Alleppey	85·9	...	88	20,21,23	74·9	...	72	1,12	1·84	7·83	...	1·90	5	14	...	...	...	...	21	0	0	0	0	0	0	0	0
Trivandrum	86·6	+1·1	89	4 days	74·3	+0·3	71	5	1·17	2·94	−1·57	2·13	5	4	−4·1	10·1	6·7	+0·9	10	0	0	0	0	0	0	0	0

(d) Mean of 27 days.

ion 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
tations—Exclud-Kashmir																												
ima . .	73·3	...	80	26	66·1	...	62	14	8·48	19·88	...	3·75	21	20	...	2·4	2·1	...	23	0	0	7	25	0	0	0	0	0
l . . .	76·8	...	81	5 days	65·4	...	61	14	4·87	13·76	...	2·42	15	15	...	5·6	5·5	...	21	0	0	9	0	0	0	0	0	0
ong . .	72·9	−1·4	79	1	61·9	+0·3	59	2	9·71	20·80	+9·01	1·84	8	24	+6·7	2·5	1·8	+0·3	29	0	0	13	1	0	0	0	0	0
rrapunji . .	72·0	−1·3	80	3	64·4	−0·2	62	,14,15,16	20·05	81·62	−38·27	19·16	12	20	+0·8	7·2	6·6	+2·7	24	0	0	2	17	0	0	3	0	0
iling* . .																												
iling (Raj awan).	67·8	+1·2	78	4	58·1	+0·2	55	15,18,19	5·63	17·07	−1·83	2·79	10	21	+4·0	1·8	1·4	...	25	0	0	5	30	0	0	0	0	0
mpong . .	74·7	0	79	6 days	67·3	+1·5	63	27,28	4·11	16·18	+4·86	3·50	9	15	+2·3	7·0	4·4	−1·2	17	0	0	0	3	0	0	0	0	0
nandu . .	83·2	+0·6	91	4	64·9	−0·8	61	15	2·11	9·97	+2·81	2·65	14	13	−0·3	1·4	0·9	+0·1	17	0	0	14	1	0	0	0	0	0
eswar (Kumaon)	70·0	+2·3	75	10	55·5	+0·4	50	16	1·46	2·94	−4·99	0·57	15	8	−2·1	6·6	6·6	+1·6	14	0	0	8	19	0	0	0	0	0
ital . .	70·5	...	78	13	57·5	...	51	18,19	0·80	5·53	...	1·45	15	10	...	6·2	4·4	...	14	0	0	0	9	0	0	0	0	0
al . . .	47·9	...	49	4 days	37·0	...	31	23	...	2·89	...	0·44	14	11	...	...	...	...	...	...	...	...	...	...	...	...	...	...
ma Chetty .	...	...	...	...	...	..		...	...	3·28	...	1·10	16	7	...	...	...	...	...	...	...	...	...	...	...	..	...	...
ooree . .	65·7	−1·8	73	21	57·6	+0·3	48	17	2·91	10·07	+0·12	3·72	7	8	−4·8	3·9	2·9	−0·9	15	0	0	9	0	0	0	0	0	0
sali . .	...	...		...	...	...		...	...	2·77	...	0·59	1	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...
. . .	...	...		...	...	...		...	...	4·56	...	0·90	1	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...
. . .	68·0	−0·4	72	10	56·7	+0·4	48	16,17	0·85	3·28	−3·40	1·19	16	6	−3·3	1·9	1·7	−0·8	7	0	0	2	4	0	0	0	0	0
ampore . .	...	...	...	...	...	...	...	...	...	4·48	−2·63	2·00	16	5	−2·5	...	...	...	...	...	...	...	...	...	...	..	...	...
ng . .	...	...	...	...	...	...	...	...	...	0·43	−1·18	0·12	2	2	−0·6	...	...	...	...	...	...	...	..	...	...	...	...	...
la . (R)																												
. . .	...	...		...	...	...	...	...	...	5·81	...	1·73	2	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...
ir . . (R)																												
usie . .	73·1	...	79	19	58·0	...	51	16,17	4·46	11·33	+4·48	2·40	14	10	+1·7	1·0	1·5	...	13	0	0	0	0	0	0	0	0	0
mshala . .	79·3	...	83	7,28	66·0	...	58	17	7·64	15·01	...	4·87	15	12	...	4·4	2·9	...	12	0	0	13	0	0	0	0	0	0
narhi . .	79·9	+2·4	83	5	67·3	+1·2	64	18,19	3·22	8·60	−5·59	2·76	2	12	−1·1	3·3	2·7	+1·7	18	0	0	12	8	0	0	0	0	0
. . .	75·2	0	82	27,28	64·7	−0·1	62	15,16	4·72	7·57	−1·80	3·45	4	9	+1·4	3·1	3·8	−1·6	15	0	0	0	2	0	0	0	0	0
baleshwar .	68·9	+1·1	73	6 days	59·9	−0·9	57	16	6·92	14·67	−14·07	2·16	2	20	+2·6	6·0	6·4	−1·4	26	0	0	3	27	0	0	0	0	0
Hills . .	71·2	...	74	2	60·4	...	57	26	...	5·69	...	1·30	22	11	...	...	...	...	11	...	...	...	...	...	...	...	...	...
ra . .	72·0	+0·2	75	10 days	62·6	+0·8	61	14,23,28	1·79	6·07	−5·01	1·15	5	18	−0·2	7·8	7·3	+2·1	20	0	0	0	0	0	0	0	0	0
kanal . .	64·3	+1·6	67	8,18,29	52·4	+0·4	51	7 days	1·62	4·57	−2·71	1·13	11	10	−1·9	8·2	8·9	+1·6	16	0	0	4	0	0	0	0	0	0
amund .	65·1	+0·5	70	16	50·4	−0·6	45	28	2·99	4·69	−1·14	1·97	12	6	−6·0	5·3	4·0	+0·5	10	0	0	2	0	0	0	0	0	0
or . .	68·7	−2·4	73	6 days	56·7	−0·4	48	28	...	2·77	−0·79	0·95	12	5	−2·0	...	4·1	+0 2	11	0	0	2	0	0	0	0	0	0
u . .	...	...	...	...	...	...	...	...	...	6·27	...	1·32	16	14	...	...	...	...	...	...	...	...	...	...	...	...	...	...
thang . .	...	...	...	...	...	...	...	...	...	5·04	...	1·13	26	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...
n . .	54·6	...	58	6	42·3	...	41	8 days	...	14·63	...	0·81	28	30	...	...	...	...	...	...	...	...	...	...	...	...	...	...
g (Chumbi) .	66·0	+3·3	73	1	27·8	−19·3	26	16	...	2·47	−1·88	0·64	10	6	−5·0	...	...	...	12	0	0	0	0	0	0	0	0	0
. .	75·5	...	82	9	44·5	...	37	15	...	1·68	...	0·55	15	5	...	...	0	...	9	0	0	0	0	0	0	0	0	0
e . .	70·9	+3·8	78	3,4	40·1	+0·3	35	15,16,18	...	1·05	−0·24	0·48	14	3	−1·5	...	0·7	−1·7	7	0	0	0	0	0	0	0	0	0
bo . .	85·3	−0·7	87	8	76·9	+0·3	73	20	0·57	3·76	−1·91	1·14	11	7	−1·8	...	...	...	14	0	0	1	0	0	0	0	0	0
malee . .	91·9	−0·1	95	27,29,30	76·9	+0·2	72	11	2·69	4 03	+0·14	1·95	10	5	−0·4	...	...	...	8	0	0	5	0	0	0	0	0	0
loa . .	89·8	...	96	5	75·2	...	72	11	0·16	2·88	...	2·03	11	4	...	...	...	...	4	0	0	3	0	0	0	0	0	0
antota . .	87·3	+0·7	93	9	76·6	+0·6	75	5 days	0·69	0·99	−1·67	0·44	11	2	−2·8	...	...	...	6	0	0	1	0	0	0	0	0	0
ir . .	88·3	...	91	10	79 7	...	72	11	0·16	2·26	...	1·30	12	2	...	...	...	...	2	0	0	2	0	0	0	0	0	0
METEORO-AL OBSER-RIES																												
r Catchment																												
. . .	88·8	...	94	6	75·7	...	72	17	3·75	13·67	...	3·95	7	14	...	5·2	3·4	...	18	0	0	17	0	0	0	0	0	0
bagh . .	83·8	...	89	5	72·0	...	69	17,27	3·84	8·21	...	2·70	27	11	...	5·7	3·7	...	16	0	0	12	1	0	0	0	0	0
. .	87·9	...	95	6	75·2	...	72	17,27	3·06	8·58	...	2·51	28	9	...	4·1	2·6	...	16	...	...	...	...	...	...	...	...	...
rh . .	89·4	...	95	6	74·4	...	71	16,17	4·83	10·47	...	2·55	27	14	...	2·6	1·3	...	16	...	...	...	...	...	...	...	...	...
ad . .	89·0	...	93	5,9,26	76·3	...	72	17	5·07	11·34	...	2·95	17	14	...	6·9	5·1	...	19	0	0	16	0	0	0	0	0	0
l . . .	...	...	..	...	...	...	...	...	...	8·91	...	1·88	27	12	...	...	...	...	19	...	...	...	...	...	...	...	...	...
ar . .	...	...	...	...	...	...	...	...	...	11·41	...	4·01	12	12	...	...	...	...	17	...	...	...	...	...	...	...	...	...
. . .	..	...	...	...	...	...	...	...	...	9·22	...	2·40	26	10	...	...	...	...	15	...	...	...	...	...	...	...	...	...
garh .	...	...	...	...	...	...	...	...	...	16·27	...	2·63	27	14	...	...	...	...	19	...	...	...	...	...	...	...	...	...
i (Giridih) .	...	...	...	...	...	...	...	...	...	11·87	...	2·49	13	13	...	...	...	...	18	...	...	...	...	...	...	...	...	...
wa . .	...	...	...	...	...	...	...	...	...	9·42	...	3·00	27	12	...	...	...	...	17	...	...	...	...	...	...	...	...	...
i (Chas Road)	...	...	...	...	...	...	...	...	...	7·86	...	2·80	27	13	...	...	...	...	17	...	...	...	...	...	...	...	...	...

(R) Register not received.

*Observatory closed from 1-9-53.

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							
	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 (0·01 or more.)	Snow or sleet.	Hail.	Thunder heard.	Fog.	Dust-storm.	Ground frost.	Gale.
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.*																										
Mahanadi Catchment																										
Baramul	89·5	...	94	30	76·2	...	74	17,22,28	6·64	10·34	...	2·21	27	12	...	1·8	1·5	...	20	...	...	...	...	...	...	...
Hirakud	90 5	...	94	26	76·9	...	74	14,22	4·46	9·86	...	1·62	14	14	...	0·6	0·2	...	22	...	...	...	...	...	...	...
Barkachhar	87 8	...	91	2,29	74·8	...	70	28	2·24	9·06	...	3·27	10	10	...	4·1	3·0	...	14	...	...	16	1	...	...	...
Sonepur	90·0	...	94	30	77·3	...	74	14,15	...	8·03	...	1·57	26	13	...	...	2·9	...	19	...	...	...	...	...	...	...
Ginabahar	88·1	...	93	6	73·3	...	69	16	...	12·65	...	2·33	28	16	...	...	...	...	21	...	...	...	...	...	...	...
Ganga Catchment																										
Tapoban	76·4	...	80	26	58·1	...	50	18	...	0·81	...	0·41	29	3	...	...	...	...	6	...	...	...	...	...	...	...
Badrinath	61·4	...	64	2	44·7	...	42	29,30,31	...	0·98	...	0·50	5	4	...	...	...	...	6	...	...	...	...	...	...	...
Narbada Catchment																										
Punasa	(b) 91·7	...	...	...	70·7	...	58	21	0·90	2·31	...	0·70	19	5	...	...	...	...	10	...	...	6	...	1	...	...
Bagra Tawa	90·1	...	95	30	74·2	...	70	18,19	3·28	8·04	...	2·90	8	10	...	3·8	2·7	...	16	...	...	6	...	...	...	...
Thikri	92·2	...	96	15	73·0	...	70	3,21	...	2·99	...	1·50	28	6	...	...	...	...	10	...	...	...	...	...	...	...
Tapti Catchment																										
Nandurbar	89·5	...	94	14	73·3	...	71	11,17	...	1·65	...	0·67	3	3	...	...	...	...	4	...	...	...	...	...	...	...
Sabarmati Catchment																										
Jhadol	85·2	...	90	28	69·5	...	65	4 days	...	7·11	...	2·67	25	6	...	...	...	...	7	...	...	...	...	...	...	...
Dharoi	90·9	...	95	27,28,30	73·9	...	71	13,18,22	...	1·98	...	1·01	3	5	...	...	...	...	8	...	...	...	...	...	...	...

(b) Mean of 29 days.

TABLE III—SUMMARY OF OBSERVATIONS AT FIXED HOURS—SEPTEMBER 1953

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, miles per hour.	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
lands																										
Island	0830	108	1008·3	1004·6	...	81·6	78·3	76·8	31·3	86	...	6·9	...	15·2	0	16	14	0	0	0	1	11	8	7	3	0
	1730	,,	1005·7	1002·0	...	80·4	77·5	76·3	30·7	87	...	6·9	...	15·4	0	15	15	0	0	0	2	8	9	8	3	0
Bandar	0830	76	1009·4	1006·8	...	81·5	77·9	76·2	31·1	84	...	5·9	...	5·3	0	2	20	0	0	0	1	2	17	2	0	8
	1730	,,	1007·0	1004·4	...	79·3	76·5	75·7	29·6	88	...	5·6	...	6·3	0	2	24	0	0	0	0	2	18	4	2	4
Island	0830	110	1009·6	1005·8	...	80·8	78·1	76·4	32·0	83	...	5·7	...	2·1	0	0	27	0	0	0	2	4	19	2	0	3
	1730	,,	1007·4	1003·7	...	80·1	77·2	75·7	30·4	83	...	5·5	...	2·1	0	0	24	0	0	0	4	3	17	0	0	6
lair	0530	259	1008·8	999·3	...	76·8	75·3	74·5	29·3	93	...	6·5	...	7·1	0	5	20	0	0	0	0	2	12	10	1	5
	0830	,,	1009·8	1000·9	+0·2	81·3	77·4	75·7	30·4	83	−1	6·8	+0·6	10·6	0	8	22	0	0	0	1	2	16	11	0	0
	1130	,,	1008·7	999·8	...	82·1	77·7	75·5	30·3	81	...	6·7	...	13·8	0	10	20	0	0	0	2	3	14	10	1	0
	1730	,,	1007·5	998·6	...	78·5	76·3	75·2	31·4	90	...	6·4	...	9·0	0	9	19	0	0	0	1	3	15	8	1	2
	2330	,,	1009·1	1000·1	...	76·9	75·5	74·9	29·4	94	...	5·5	...	9·2	0	8	20	0	0	0	1	1	15	10	1	2
l	0830	30	1011·2	1010·1	...	81·7	77·3	74·9	29·9	81	...	6·7	...	5·1	0	1	28	1	3	15	10	0	0	0	0	1
	1730	,,	1008·8	1007·3	...	84·6	79·8	75·0	33·4	88	...	6·3	...	3·0	0	1	13	0	0	5	9	0	0	0	0	16
Nicobar	0830	33	1010·6	1009·5	...	82·7	78·0	75·9	31·0	83	...	5·9	...	3·1	0	0	25	0	0	0	0	1	20	4	0	5
	1730	,,	1008·8	1007·1	...	79·3	76·7	75·5	30·3	91	...	6·1	...	2·5	0	0	22	0	0	0	0	2	16	3	1	8
wry	0830	70	1010·6	1008·2	...	81·6	77·1	75·0	29·8	81	...	6·6	...	8·8	0	5	25	0	0	0	0	4	12	13	1	0
	1730	,,	1008·4	1006·0	...	79·1	76·2	74·5	29·4	87	...	6·5	...	6·5	0	2	25	0	0	0	0	2	7	17	1	3
arh	0830	340	1007·7	995·7	−0·5	80·2	77·3	76·2	30·5	88	+2	6·9	+1·1	1·7	0	0	19	2	2	4	0	3	2	2	4	1
	1730	,,	1004·0	992·1	...	81·4	77·5	76·1	30·3	86	...	4·1	...	0·7	0	0	9	1	1	2	0	1	3	1	0	21
arh (Mohanbagi Aero-dre)	0230	364	1005·7	993·1	...	76·5	75·5	75·0	29·7	95	...	7·0	...	1·5	0	0	10	0	6	1	1	1	1	0	0	20
	0530	,,	1006·6	994·0	...	76·3	75·3	75·0	29·5	95	...	7·0	...	0·9	0	0	9	2	4	1	1	0	1	0	0	21
	0830	,,	1008·2	995·7	...	80·3	76·8	75·3	29·9	86	...	7·2	...	2·6	0	0	18	0	13	2	0	1	2	0	0	12
	1130	,,	1006·7	994·2	...	83·0	77·8	75·6	30·5	79	...	6·9	...	2·7	0	0	22	0	8	5	0	3	2	2	2	8
	1730	,,	1004·1	991·7	...	80·9	77·3	75·9	30·5	85	...	5·3	...	1·3	0	0	10	2	3	0	1	1	3	0	0	20
	2330	,,	1006·6	994·0	...	77·1	75·8	75·1	29·6	94	...	6·4	...	1·2	0	0	11	1	5	2	0	2	1	0	0	19
r	0830	317	1008·0	997·1	0	80·3	77·5	77·0	30·6	88	+1	7·3	+0·6	2·7	0	0	27	5	9	1	0	6	4	1	1	3
	1730	,,	1004·1	993·3	...	81·8	78·3	77·5	31·5	85	...	5·5	...	2·7	0	0	25	6	8	1	1	2	3	0	4	5
	0830	256	1007·4	998·6	−0·7	79·3	77·5	76·8	31·1	92	+6	5·7	−0·1	1·7	0	0	24	0	1	15	2	2	2	2	0	6
	1730	,,	1003·4	994·8	...	83·0	78·8	77·1	32·0	83	...	4·5	...	1·1	0	0	16	0	0	11	2	1	1	1	0	14
(P. B. O.)	0230	257	1005·7	996·6	...	77·6	76·6	76·2	30·9	95	...	5·7	...	2·0	0	0	15	1	4	3	2	1	1	3	0	15
	0530	,,	1006·5	997·5	...	77·2	76·2	75·8	30·4	95	...	6·8	...	2·3	0	0	21	2	2	9	2	2	2	1	1	9
	0830	,,	1007·9	999·0	...	80·8	77·6	76·2	31·2	86	...	6·6	...	3·4	0	0	26	0	7	10	1	2	5	1	0	4
	1130	,,	1006·8	998·0	...	84·1	78·4	74·3	30·9	77	...	5·7	...	3·7	0	0	26	1	4	8	3	2	7	1	0	4
	1730	,,	1003·9	995·1	...	81·5	78·0	76·5	31·1	83	...	5·1	...	2·2	0	0	21	2	5	5	0	2	5	2	0	9
	2330	,,	1006·5	997·6	...	78·2	76·8	76·2	30·7	94	...	5·3	...	2·2	0	0	16	0	5	5	1	1	4	0	0	14
	0830	182	1007·2	1000·9	−0·2	82·1	78·4	76·9	31·8	85	+3	5·3	−0·1	2·1	0	0	29	2	7	7	3	2	5	1	2	1
	1730	,,	1003·0	996·7	...	82·7	78·4	76·5	31·0	82	...	6·0	...	1·5	0	0	20	0	5	3	4	2	2	2	2	10
(Kaikuchi Aero-dre)	0230	162	1004·8	999·2	...	77·3	76·5	76·1	30·5	96	...	5·5	...	2·2	0	0	13	0	3	2	0	5	3	0	0	17
	0530	,,	1005·4	999·8	...	77·1	76·3	75·9	30·3	96	...	6·2	...	2·6	0	2	9	1	5	2	0	0	3	0	0	19
	0830	,,	1006·9	1001·3	...	82·1	78·5	76·9	32·7	85	...	5·8	...	3·6	0	1	22	3	10	1	1	3	1	2	2	7
	1130	,,	1005·9	1000·3	...	85·0	79·7	77·5	31·9	79	...	5·7	...	5·4	0	2	23	8	9	1	0	0	3	1	3	5
	1730	,,	1003·5	997·9	...	80·9	78·1	77·2	31·3	88	...	6·1	...	3·6	0	0	20	1	6	1	1	3	3	3	2	10
	2330	,,	1006·0	1000·8	...	78·0	76·9	76·4	31·3	95	...	5·2	...	1·8	0	0	14	0	6	2	0	3	2	1	0	16
	0830	115	1007·4	1003·4	0	82·1	79·2	78·3	32·6	86	+1	5·9	+0·7	4·7	0	1	25	0	11	3	6	3	0	2	1	4
	1730	,,	1004·0	1000·1	...	82·2	79·2	77·9	32·7	87	...	5·9	..	3·3	0	1	25	0	6	5	4	2	5	1	3	4
	0830	96	1007·8	1004·5	−0·3	81·2	77·9	76·3	30·8	86	+2	5·6	−0·2	0·8	0	0	8	0	2	2	1	1	1	1	0	22
	1730	,,	1004·0	1000·8	...	83·0	79·0	77·3	32·0	83	...	5·4	...	0·5	0	0	4	0	1	0	1	0	1	1	0	26
	0830	1,215	1007·7	996·4	...	77·2	75·1	73·9	28·9	91	...	6·2	...	1·5	0	0	16	0	3	1	2	3	3	3	1	14
	1730	,,	1004·0	962·9	...	79·4	76·4	75·1	29·7	87	...	6·7	...	2·4	0	0	20	0	2	3	2	5	4	3	1	10
	0830	488	1007·6	990·9	...	80·9	77·1	75·8	29·8	84	−1	4·5	...	1·1	0	0	14	0	4	3	3	1	1	0	2	16
	1730	,,	1003·6	987·1	...	84·4	78·8	76·3	31·2	77	...	4·5	...	1·5	0	0	15	0	3	0	6	1	2	0	3	15
	*0230	52	1004·3	1002·5	...	77·8	74·6	76·8	28·1	97	...	5·2	...	2·0	0	1	6	0	0	0	2	5	0	0	0	20
	0530	,,	1004·6	1002·8	...	77·0	76·3	76·0	30·9	97	...	6·6	...	3·5	0	2	10	0	1	1	4	5	1	0	0	18
	0830	,,	1006·1	1004·3	...	82·6	79·4	78·1	33·2	86	...	6·9	...	6·6	0	4	18	1	0	2	8	9	1	0	1	8
	1130	,,	1005·1	1003·3	...	86·3	80·8	78·5	33·4	78	...	6·8	...	8·7	0	8	17	2	0	1	5	9	2	2	4	5
	1730	,,	1002·7	1000·9	...	82·2	79·3	78·5	32·7	88	...	6·7	...	4·9	0	0	14	3	0	0	3	6	2	0	0	16
	*2330	,,	1005·2	1003·4	...	78·5	77·6	77·3	31·8	96	...	5·4	...	3·1	0	1	12	1	0	0	8	4	0	0	0	14

* 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.			Mean temperature in °F.			Vapour pressure in mbs.	Relative humidity %.	Departure from normal.	Cloud amount (Oktas).		Mean wind speed, miles per hour.	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	Ca
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	
Assam—*contd.*																										
Imphal	0830	2,628	899·9	921·2	...	76·5	72·3	70·6	25·7	82	...	6·9	...	3·7	0	0	24	4	3	6	3	2	4	1	1	
	1130	,,	898·9	919·9	...	79·9	73·9	71·5	26·1	76	...	6·5	...	5·1	0	1	27	2	1	4	7	5	5	2	2	
	1730	,,	896·5	917·3	...	78·1	72·5	70·1	25·1	77	...	6·4	...	2·7	0	1	24	1	0	3	4	3	8	4	2	
West Bengal																										
Dum Dum	0230	33	1003·7	1002·6	...	80·3	78·2	77·4	32·2	90	...	5·0	...	3·8	0	2	13	2	1	2	2	5	2	0	1	
	0530	,,	1004·0	1003·9	...	79·8	78·1	77·2	32·4	92	...	5·9	...	3·4	0	2	12	1	2	2	2	5	2	0	0	
	0830	,,	1005·7	1004·6	...	84·0	79·0	76·8	31·6	80	...	6·7	...	6·8	0	4	22	0	3	4	6	6	2	2	3	
	1130	,,	1004·9	1003·8	...	86·4	79·2	76·2	31·1	72	...	6·8	...	8·1	0	5	22	1	3	4	7	4	5	2	1	
	1730	,,	1002·4	1001·3	...	84·5	78·9	76·4	31·3	77	...	6·8	...	6·0	0	3	22	1	2	3	5	9	3	1	1	
	2330	,,	1004·9	1003·8	...	81·4	78·7	77·7	32·6	88	...	5·0	...	4·9	0	1	20	1	2	1	3	9	3	2	0	
Calcutta	0830	21	1005·8	1005·1	−0·3	83·1	80·1	78·9	33·7	87	+4	6·3	+0·6	3·9	0	0	25	1	4	1	8	3	5	1	2	
	1130	,,	1004·8	1004·1	...	86·3	80·8	78·7	33·4	78	...	6·6	...	5·2	0	0	29	3	3	5	5	5	4	1	3	
	1730	,,	1002·5	1001·8	...	84·6	80·1	78·1	33·1	81	...	6·3	...	3·6	0	1	24	0	3	2	4	8	5	1	2	
Barrackpore	0530	23	1004·3	1003·5	...	80·0	78·5	78·2	32·6	94	...	6·1	...	3·0	0	0	20	1	3	2	5	3	3	2	1	
	0830	,,	1005·9	1005 2	...	84·0	80·2	79·0	33·2	85	...	6·3	...	5·4	0	0	29	1	3	5	8	3	3	3	3	
	1130	,,	1005·1	1004·4	...	87·1	81·4	79·7	34·3	78	...	6·7	...	6·8	0	3	27	0	4	7	5	5	5	2	2	
	1730	,,	1002·6	1001·9	...	84·1	79·8	78·4	32·5	84	...	6·4	...	5·3	0	1	29	2	1	4	8	8	4	2	1	
	2330	,,	1005·0	1004·3	...	81·2	79·2	78·5	33·1	92	...	5·3	...	4·3	0	0	27	1	1	1	8	8	4	2	2	
Saugor Island	0830	10	1005·1	1004·7	−0·7	83·5	79·9	78·3	33·4	83	+2	6·1	0	11·6	0	11	16	4	7	3	1	5	4	2	1	
	1730	,,	1002·3	1001·9	...	84·0	79·8	78·5	33·2	83	...	6·1	...	13·1	0	11	19	1	1	2	7	10	8	1	0	
Sandheads	0530	32	1003·9	1002·8	...	82·9	79·4	77·7	32·7	85	...	5·2	...	9·5	0	11	12	1	3	3	2	4	8	1	1	
	0830	,,	1005·1	1004·0	−0·9	84·2	79·9	78·0	32·6	82	+3	6·2	+1·2	9·5	0	11	15	2	3	4	4	4	7	1	1	
	1130	,,	1004·6	1003·5	...	84·7	80·0	78·0	33·2	80	...	6·5	...	9·2	0	6	21	0	2	7	2	8	5	2	1	
	1730	,,	1002·8	1001·7	...	84·5	79·8	77·9	32·9	81	...	6·0	...	10·4	0	12	15	0	1	6	5	8	5	1	1	
	2330	,,	1004·3	1003·2	...	83·5	79·8	78·2	33·4	84	...	5·2	...	10·9	0	10	19	1	0	3	5	12	7	1	0	
Midnapor	0830	149	1005·5	1000·4	−0·4	83·5	79·7	78·2	32·6	84	+2	5·5	+1·0	3·4	0	0	26	2	8	2	3	7	2	0	2	
	1730	,,	1002·2	997·1	...	84·4	79·9	78·1	32·8	82	...	5·5	...	2·7	0	0	23	0	3	3	3	10	4	0	0	
Contai	0830	35	1005·1	1003·9	...	83·5	80·2	78·8	33·4	85	...	6·6	...	3·7	0	1	22	4	2	2	3	4	8	0	0	
	1730	,,	1002·3	1001·1	...	83·5	80·3	79·1	34·2	85	...	6·1	...	4·5	0	1	25	0	2	2	7	9	5	1	0	
Burdwan	0830	106	1005·3	1001·7	−0·7	82·8	79·6	78·2	33·4	86	+3	2·1	−3·3	2·1	0	0	26	1	6	1	5	2	9	0	2	
	1730	,,	1002·0	998·3	...	84·4	79·6	77·3	32·0	80	...	2·3	...	2·4	0	0	28	2	5	6	6	4	4	1	0	
Krishnagar	0830	48	1005·9	1004·2	−0·1	83·4	80·2	79·2	34·1	87	+6	6·1	+0·7	2·5	0	0	23	2	3	2	2	10	1	2	1	
	1730	,,	1003·0	1001·3	...	83·7	79·8	78 7	32·8	85	...	5·5	...	1·3	0	0	13	0	2	2	1	7	0	1	0	
Asansol	0230	414	1003·6	989·5	...	79·2	78·0	77·5	32·5	95	...	5·6	...	2·9	0	2	15	2	2	0	5	5	2	0	1	
	0530	,,	1003·9	989·7	...	78·2	77·3	76·9	31·5	96	...	5·9	...	2·5	0	1	10	1	2	2	2	3	0	1	0	
	0830	,,	1005·5	991·4	−0·1	82·9	79·0	77·3	31·9	84	+1	5·8	+0·6	3·1	0	1	18	2	3	4	4	5	1	0	0	
	1130	,,	1004·8	990·8	...	86·4	80·2	77·8	32·7	75	...	5·9	...	4·2	0	1	25	2	5	5	7	4	1	0	2	
	1730	,,	1002·1	988·0	...	82·8	78·9	77·2	31·8	84	...	6·3	...	3·4	0	0	23	0	4	5	6	5	1	1	1	
	2330	,,	1004·8	990·6	...	80·1	78·5	78·0	32·7	93	...	5·7	...	3 0	0	2	11	0	1	1	9	2	0	0	0	
Berhampore	0830	62	1005·3	1003·2	−1·0	83·1	79·5	77·8	32·9	85	+3	6·5	+1·1	2·7	0	0	23	2	1	7	2	8	2	0	1	
	1730	,,	1002·4	1000·3	...	84·6	79·9	78·9	33·1	81	...	6·3	...	1·7	0	0	18	2	1	5	0	7	3	0	0	
Malda	0830	103	1005·9	1002·3	−0·3	82·9	79·3	77·8	32·7	85	+4	6·2	+2·0	5·0	0	0	28	2	7	7	3	5	4	0	0	
	1730	,,	1002·6	999·0	..	83·8	79·6	78·1	33·0	83	...	5·7	...	3·1	0	0	23	2	5	2	5	4	4	0	1	
Cooch Behar	0830	145	1008·0	1003·0	...	82·4	78·4	76·6	31·3	84	...	6·0	...	2·7	0	0	24	0	3	13	4	2	1	1	0	
	1730	,,	1004·7	999·9	...	83·8	80·3	79·0	33·8	85	...	5·6	...	1·7	0	0	20	0	2	8	5	0	1	3	1	
Jalpaiguri	0830	271	1007·0	997·7	−0·1	79·8	76·6	75·2	30·1	86	−1	5·5	+1·1	5·3	0	3	27	7	8	10	2	1	0	0	2	
	1730	,,	1003·3	994·0	...	84·2	78·3	75·5	30·2	77	...	5·3	...	4·6	0	1	27	0	5	13	2	3	4	0	1	
Bagdogra	0530	416	1005·2	990·9	...	75·7	74·8	74·1	28·9	96	...	5·9	...	1·1	0	0	9	1	6	1	0	1	0	0	0	
	0830	,,	1006·7	992·5	...	82·1	77·6	75·4	30·3	81	...	5·7	...	3·5	0	1	20	1	6	8	2	1	3	0	0	
	1130	,,	1005·8	991·7	...	84·8	78·4	75·7	30·1	76	...	6·2	...	3·7	0	0	25	0	3	10	8	0	2	2	0	
	1730	,,	1003·0	988·8	..	82·8	78·4	76·5	31·1	82	...	5·4	...	3·2	0	0	15	0	6	3	4	1	0	0	1	
Orissa																										
Balasore	0830	65	1005·2	1003·0	−0·5	83·1	79·7	78·4	32·9	86	+3	7·6	+2·4	3·5	0	0	24	8	3	1	1	3	7	1	0	
	1730	,,	1002·2	1000·0	...	83·6	79·9	78·3	33·5	85	...	7·2	...	2·5	0	0	21	1	0	0	4	9	6	0	1	
Chandbali	0830	20	1006·2	1005·5	+0·7	84·5	80·1	79·0	32·9	82	−1	5·1	−0·3	2·7	0	0	30	5	2	2	5	1	7	3	5	
	1730	,,	1002·6	1001·9	...	83·5	79·9	78·6	33·4	85	...	4·5	...	3·0	0	0	29	1	1	4	14	2	4	2	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 temperatur in °F			Vapour pressure in mbs.	Relative humidity %.	Departure from normal.	Cloud amount (Oktas).		Mean wind speed, miles per hour.	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
—contd.																										
. . . . .	0830	-20	1005·6	1004·9	−0·2	83·6	79·7	78·0	32·7	83	+3	6·0	+1·3	8·7	0	7	22	5	7	1	0	4	7	1	4	1
	1730	,,	1003·0	1002·3	...	83·7	79·6	77·9	32·8	83	...	6·0	...	11·1	0	11	18	3	0	5	5	8	6	1	1	1
baneswar	0530	150	1004·0	998·8	...	77·9	77·1	76·8	31·2	97	...	5·5	..	3·3	0	0	26	6	2	0	1	0	8	4	5	4
	0830	,,	1005·4	1000·2	...	82·2	78·8	77·4	31·9	85	...	6·4	...	4·9	0	2	27	3	7	2	0	2	8	3	4	1
	1130	,,	1004·8	999·6	...	86·1	80·2	77·8	32·4	77	...	6·6	...	7·9	0	4	26	5	4	2	2	2	10	3	2	0
	1730	,,	1002·6	997·4	...	82·8	79·1	77·5	32·6	84	...	6·2	...	6·7	0	3	25	3	1	3	3	3	9	3	3	2
	2330	,,	1004·9	999·6	...	79·9	77·8	76·9	31·8	91	...	4·1	...	3·9	0	0	26	4	3	0	0	0	10	7	2	4
ack	0830	87	1005·4	1002·2	−0·9	82·8	78·7	77·0	31·8	82	+2	6·1	+1·1	0·6	0	0	8	0	4	0	0	3	0	0	1	22
	1730	,,	1002·2	999·2	...	84·3	79·3	77·8	31·9	78	...	5·9	...	0·5	0	0	6	1	0	0	1	2	2	0	0	24
ack (P. B. O.) . .	0230	87	1003·4	1000·5	...	80·5	78·5	77·7	32·4	91	...	4·1	...	1·1	0	0	13	1	4	0	0	0	5	2	1	17
	0530	,,	1004·0	1001·1	...	80·0	78·1	77·5	31·9	92	...	5·5	...	1·1	0	0	14	2	3	0	1	1	2	2	3	16
	0830	,,	1005·4	1002·5	...	83·8	79·5	78·1	32·2	83	...	6·4	...	2·5	0	0	28	2	10	0	0	3	8	1	4	2
	1130	,,	1004·9	1002·0	...	86·9	80·3	78·1	32·5	75	...	6·6	...	2·7	0	0	28	1	10	0	2	3	7	0	5	2
	1730	,,	1002·5	999·6	...	84·1	79·6	78·2	32·5	82	...	6·4	...	2·3	0	0	24	1	6	0	4	5	7	0	1	6
	2330	,,	1004·7	1001·9	...	81·2	78·8	78·1	32·4	90	...	3·6	...	0·9	0	0	12	0	2	0	1	1	6	0	2	18
ilpur	0530	56	1004·1	1002·2	...	79·5	78·6	77·7	32·8	93	...	5·8	...	3·1	0	0	22	8	1	0	0	1	6	1	5	8
	0830	,,	1005·9	1004·0	0	82·9	79·6	78·0	32·7	86	+5	6·4	+2·2	4·3	0	0	25	10	2	0	0	2	7	1	3	5
	1130	,,	1003·5	1003·6	...	86·5	80·7	78·4	32·8	77	...	5·9	...	6·8	0	4	26	9	1	4	3	7	4	0	2	0
	1730	,,	1003·0	1001·1	...	83·4	79·5	77·7	32·5	84	...	6·6	...	6.6	0	3	22	1	6	2	1	6	5	0	4	5
	2330	,,	1005·3	1003·4	...	81·3	78·9	77·9	32·5	90	...	4·6	...	4 5	0	3	19	4	1	1	0	3	7	1	5	8
iput	0830	2,996	898·0	907·2	...	72·7	70·7	69·8	24·8	91	...	6·1	...	2·1	0	0	30	11	0	0	2	4	3	3	7	0
	1730	,,	895·3	904·4	...	75·6	71·4	69·9	24·8	84	..	6·7	...	2·5	0	0	30	13	2	1	1	3	1	2	7	0
il	0830	455	1005·9	999·3	+0·1	80·5	77·2	75·7	30·1	86	+4	7·2	+1·8	3·1	0	0	23	2	2	3	2	1	4	5	4	7
	1730	,,	1002·6	987·2	...	84·2	78·3	75·6	30·2	77	...	7·6	...	2·7	0	0	19	1	5	1	1	2	2	4	3	11
palpur	0830	486	1005·2	988·6	−0·8	81·9	78·6	77·1	32·4	86	+4	6·4	+1·4	3 3	0	0	23	2	4	1	3	5	6	0	2	7
	1730	,,	1001·9	985·6	...	83·7	79·5	77·6	32·8	83	...	6·6	...	2·5	0	0	23	2	3	1	2	6	5	2	2	7
suguda	0230	754	1003·8	978·0	...	77·3	76·3	75·8	30·5	95	...	5·5	...	3·2	0	0	26	5	3	1	5	5	5	1	1	4
	0530	,,	1004·2	978·3	...	76·3	75·5	75·0	29·5	96	...	5·5	...	2·1	0	0	24	4	4	1	3	4	2	2	4	6
	0830	,,	1005·7	980·0	...	80·8	77·4	75·8	30·4	85	...	6·2	...	3·6	0	0	27	4	5	4	1	6	3	2	2	3
	1130	,,	1004·8	979·4	...	85·3	78·9	76·1	30·7	75	...	6·2	...	4·5	0	0	29	7	4	2	1	3	5	5	2	1
	1730	,,	1002·1	976·6	...	83·0	78·5	76·4	31·3	81	...	6·9	...	2·5	0	0	21	2	4	4	1	6	2	1	1	9
	2330	,,	1005·0	979·2	..	79·0	77·2	76·2	30·8	92	...	5·9	...	2·4	0	0	23	2	2	2	3	6	4	1	3	7
agarh	0830	691	1005·6	982·0	...	80·4	75·4	73·4	27·8	79	...	5·3	...	1·5	0	0	19	1	1	1	5	5	2	2	2	11
	1730	,,	1001·8	978·7	...	84·2	77·9	75·2	29·5	76	...	5·5	...	1·7	0	0	25	5	4	1	2	4	2	3	4	5
Nagpur																										
ilia	0830	835	1005·5	977·2	...	82·1	77·1	75·6	29·5	78	...	5·2	...	2·5	0	0	26	2	8	1	7	1	1	1	5	4
	1730	,,	1002·0	974·1	...	83·1	77·7	75·2	29·8	75	...	7·0	...	2·8	0	0	24	1	3	0	11	5	0	1	3	6
hedpur	0830	423	1005·3	990·9	−0·1	82·7	78·2	76·2	31·0	81	0	5·6	−0·1	4·5	0	1	29	0	1	9	1	1	3	10	5	0
	1730	,,	1001·9	987·6	...	83·3	78·1	75·8	30·8	79	...	6·6	...	5·0	0	1	26	1	2	10	6	2	1	2	3	3
ihedpur (P. B. O.	0530	477	1004·2	987·8	...	77·7	76·6	76·0	31·0	95	...	6·4	...	2·1	0	1	13	0	1	3	0	0	1	6	3	16
	0830	,,	1005·5	989·3	...	82·5	78·3	76·5	31·4	82	...	5·9	...	3·2	0	0	26	0	2	7	0	2	5	7	3	4
	1130	,,	1004·6	988·5	...	86·5	79·3	76·2	31·2	72	...	6·2	...	4·0	0	0	29	0	2	9	3	2	4	5	4	1
	1730	,,	1001·6	985·4	...	82·7	78·2	76·3	31·0	82	...	6·9	...	3·6	0	0	24	1	2	11	5	1	1	1	2	6
	2330	,,	1004·9	988·6	...	79·2	77·5	76·7	31·7	92	...	4·8	...	2·3	0	1	15	1	4	6	1	0	1	2	1	14
basa	0830	742	1005·3	980·0	−0·2	81·1	77·6	76·1	30·7	85	+4	6·0	+0·9	1·1	0	0	14	0	2	0	1	2	7	2	0	16
	1730	,,	1001·9	977·0	...	83·2	78·4	76·2	30·7	80	...	7·2	...	1·1	0	0	13	0	5	1	1	0	5	1	0	17
chi	0830	2,150	895·3	932·8	−0·9	77·6	73·7	72·8	26·5	83	+2	5·0	−0·1	1·0	0	0	11	3	1	1	0	5	0	1	0	19
	1730	,,	893·6	931·7	...	77·9	73·9	71·8	26·8	82	...	5·2	..	0·3	0	0	2	1	0	0	1	0	0	0	0	28
iribagh . . .	0830	2,006	895·8	938·4	0	77·8	74·3	72·8	27·5	85	+4	5·5	−0·1	4·9	0	1	25	3	6	1	0	5	2	2	7	4
	1730	,,	893·0	935·5	...	78·5	74·4	72·7	27·6	83	...	6·5	...	5.0	0	0	25	6	4	2	3	4	3	2	1	5
iribagh (C. W.) . .	0530	2,008	893·9	936·8	...	72·6	71·7	71·3	26·0	96	...	3·7	..	...	...	...	...	...	...	...	...	...	...	...	...	...
	0830	,,	895·7	938·2	...	77·6	74·3	72·8	27·3	86	...	5·4	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	1130	,,	896 0	938·1	...	82·5	75·9	73·0	28·0	74	...	6·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	1730	,,	893·0	935·3	...	78·3	74·5	72·8	27·3	84	...	6·6	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	2330	,,	894·8	937·7	...	74·4	73·0	72·2	27·1	94	...	5·	...	...	...	...	...	...	...	...	...	...	...	...	...	...
nganj	0830	725	1005 3	980·7	−0·3	81·7	78·1	76·4	31·4	84	+5	4·9	+1·4	2·1	0	0	20	3	0	2	3	2	2	7	1	10
	1730	,,	1001 6	977·1	...	83·6	78·7	76·5	31·2	80	...	6·0	...	2·8	0	0	27	2	7	3	2	0	0	10	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.			Mean temperature in °F.			Vapour pressure in mbs.	Relative humidity %.		Cloud amount (Oktas).		Mean wind speed, miles per hour.	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	Cal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bihar																										
Purnea	0830	124	1006·2	1002·0	−0·1	82·4	78·7	77·2	32·1	85	0	5·6	+0·9	2·7	0	0	27	0	8	12	2	2	3	0	0	
	1730	,,	1002·6	998·3	...	83·0	79·7	78·2	32·0	86	...	5·3	...	0·9	0	0	10	0	3	6	0	0	1	0	0	20
Forbesanj	0830	199	1006·0	999·1	...	82·5	78·8	77·1	32·2	83	...	5·6	...	4·6	0	0	28	0	4	18	2	2	0	1	1	2
	1730	,,	1002·8	995·9	...	84·6	80·9	80·5	34·7	85	...	5·4	...	3·3	0	0	27	0	5	13	2	4	2	0	1	3
Darbhanga	0830	161	1006 3	1000·6	+0·1	82·7	80·0	78·7	34·1	88	+11	5·7	+1·0	2·3	0	1	25	0	16	4	4	0	0	0	2	4
	1730	,,	1002·4	996·8	...	85·9	80·7	78·7	33·8	80	...	5·3	...	1·4	0	0	17	0	8	2	3	0	3	1	0	13
Motihari	0830	218	1005·8	998·3	0	83·6	78·7	76·6	31·2	81	+1	5·7	+1·8	2·1	0	0	27	0	0	18	0	1	0	8	0	3
	1730	,,	1002·1	994·7	...	84·6	79·8	77·8	32·3	81	...	4·2	...	1·3	0	0	16	0	0	8	0	0	0	7	1	14
Patna	0830	173	1005·5	999·6	−0·2	84·1	79·7	77·6	32·5	81	+2	5·5	+0·6	3·3	0	0	27	0	11	5	5	1	1	1	3	3
	1730	,,	1002·2	996·3	...	86·2	80·1	77·6	32·5	77	...	5·4	...	3·1	0	1	23	1	8	2	7	0	3	1	2	6
Patna (Aerodrome)	0530	196	1003·6	996·8	...	79·4	78·1	77·5	31·9	94	...	5·5	...	2·9	0	1	13	1	3	7	2	1	0	0	0	16
	0830	,,	1004·9	998·2	...	83·4	79·6	74·6	32·5	85	...	5·7	...	6·0	0	3	23	0	2	12	4	2	3	1	2	4
	1130	,,	1004·4	997·7	...	86·6	80·2	77·4	32·2	75	...	5·8	...	7·2	0	2	26	0	3	5	7	4	4	1	4	2
	1730	,,	1001·3	994·7	...	85·6	79·6	77·5	31·8	77	...	5·3	...	4·0	0	2	20	1	2	4	6	3	1	1	4	8
Dehri	0830	352	1004·9	999·8	...	82·1	78·7	77·6	31·8	87	...	5·4	...	2·2	0	0	25	4	0	1	8	6	2	2	2	5
	1730	,,	1001·3	989·3	...	83·9	79·7	77·7	33·1	83	...	5·5	...	1·9	0	0	24	1	4	1	1	1	3	0	13	6
Gaya	0230	373	1003·0	990·3	...	79·9	78·1	77·3	32·8	92	...	5·6	...	3·4	0	1	16	0	0	4	4	5	3	0	1	13
	0530	,,	1003·4	990·6	...	79.2	77·6	77·0	31·7	93	...	5·4	...	4·1	0	2	20	0	1	4	7	4	4	2	0	8
	0830	,,	1004·7	992·3	−0·6	83·4	78·7	76·4	31·7	81	+6	6·3	+2·6	4·5	0	3	20	2	1	5	3	3	6	2	1	7
	1130	,,	1004·4	991·8	...	87·4	79·6	76·1	30·6	69	...	6·5	...	6·2	0	3	27	2	7	7	3	1	3	2	5	0
	1730	,,	1001·1	988·7	...	85·5	79·3	76·5	31·7	76	...	6·4	...	5·1	0	2	22	3	7	2	2	1	4	3	2	6
	2330	,,	1004·0	991·3	...	81·1	78·7	77·6	32·3	89	...	6·2	...	4·6	0	3	17	1	3	1	6	2	4	3	0	10
Jamui	0830	270	1005·4	996·0	...	83·7	79·9	78·4	32·8	84	...	5·5	...	3·1	0	0	28	1	1	13	6	2	0	0	5	2
	1730	,,	1002·1	992·7	...	83·7	79·5	77·8	32·1	83	...	5·9	...	2·5	0	0	22	0	3	7	5	1	1	1	4	8
Dumka	0830	489	1005·5	988·9	−0·4	82·9	79·3	76·6	32·7	81	0	5·8	−0·9	3·1	0	0	30	4	3	3	6	0	6	4	2	0
	1730	,,	1002·2	985·7	...	83·4	80·5	77·9	34·1	84	...	5·3	...	3·1	0	0	29	1	2	4	10	3	6	1	2	1
Sabour	0830	122	1005·7	1001·4	+0·3	83·8	80·3	78·7	33·8	85	+2	5·6	−0·1	5·2	0	2	28	2	3	12	3	3	6	1	0	0
	1730	,,	1002·1	998·0	...	83·8	80·3	78·5	33·8	86	...	5·8	...	4·5	0	2	20	2	1	10	5	2	1	0	1	8
Bhagalpur	0530	160	1004·0	998·5	...	79·7	78·7	78·2	33·1	95	...	4·7	...	2·3	0	1	16	0	2	9	4	1	0	0	1	13
	0830	,,	1005·9	1000·5	...	84·8	80·5	78·8	33·3	82	...	5·9	...	3·6	0	1	23	3	2	10	3	4	1	1	0	6
	1130	,,	1005·2	999·9	...	87·4	81·3	78·7	33·9	77	...	6·3	...	2·6	0	0	21	3	1	8	4	3	0	2	0	9
	1730	,,	1002·1	996·8	...	84·4	80·2	78·5	33·6	83	...	6·1	...	3·0	0	1	17	0	1	10	4	1	0	2	0	12
	2330	,,	1004·9	999·5	...	80·8	79·0	78·3	32·7	91	...	4·5	...	2·0	0	0	12	0	0	8	2	1	1	0	0	18
U. P., East																										
Gonda	0830	360	1005·9	999·5	...	80·2	77·9	75·8	31·7	81	0	3·7	−0·5	1·3	0	0	15	1	2	7	1	0	1	2	1	1
	1730	,,	1002·4	989·3	...	82·1	79·9	77·8	33·8	80	...	3·6	...	0·3	0	0	4	1	0	3	0	0	0	0	0	26
Gorakhpur	0830	254	1005·2	996·7	−0·3	82·9	77·8	71·4	30·5	79	−2	4·9	+1·5	2·7	0	0	30	3	7	9	4	3	2	2	0	0
	1730	,,	1001·8	989·6	...	86·4	78·3	73·6	29 1	72	...	4·1	...	2·4	0	0	27	5	2	5	0	5	2	7	1	3
Gorakhpur (P.B.O.)	0230	257	1003·8	995·0	...	79·1	77·6	76·9	30·0	93	...	4·5	...	3·6	0	2	21	3	9	1	4	1	0	4	1	7
	0530	,,	1003·9	995·1	...	78·5	77·2	77·0	31·9	94	...	5·4	...	2·0	0	0	12	1	4	5	2	0	0	0	0	18
	1130	,,	1005·1	996·3	...	86·7	80·0	77·2	32·2	74	...	6·2	...	4·1	0	1	27	3	7	5	3	3	3	4	0	2
	2330	,,	1004·5	995·6	...	80·2	78·4	77·7	31·9	92	...	3·7	...	2·1	0	0	17	5	7	2	0	1	0	2	0	13
Azamgarh	0830	255	1004·7	996·2	...	81·6	80·1	78·1	34·3	87	...	3·3	...	0·5	0	0	6	0	0	6	0	0	0	0	0	24
	1730	,,	1001·1	994·2	...	85·0	81·1	79·1	34·4	79	...	2·8	...	0·7	0	0	9	0	1	0	2	1	3	2	0	21
Banaras	0830	250	1005·0	996·4	−0·4	81·9	78·8	77·2	32·5	87	+7	5·0	+0·8	2·7	0	1	21	2	3	3	1	0	1	9	3	8
	1730	,,	1001·7	993·1	...	85:6	77·5	77·4	28·6	77	...	5·0	...	2·7	0	0	28	6	4	2	0	4	2	2	8	2
Banaras (Babatpur Aerodrome)	0530	280	1003·7	993·7	...	78·7	77·7	77·3	32·3	95	...	5·6	...	3·4	0	1	18	3	2	3	0	1	4	3	3	11
	0830	,,	1005·2	995·6	...	83·2	78·5	77·0	30·9	81	...	5·0	...	5·1	0	2	26	3	5	3	2	1	3	6	3	2
	1130	,,	1005·1	995·6	...	86·2	79·4	76·8	30·7	75	...	6·0	...	5·4	0	1	28	5	6	4	1	2	2	5	4	1
	1730	,,	1001·9	993·4	...	85·5	79·0	76·3	29·9	74	...	5·0	...	3·7	0	0	27	5	6	1	2	1	3	3	6	3
	2330	,,	1004·3	994·7	...	80·7	78·9	78·2	33·3	91	...	4·4	...	3·1	0	1	14	0	4	2	1	0	4	3	1	15
Allahabad (Bamrauli)	0230	322	1003·7	992·4	...	79·3	77·7	77·0	31·8	92	...	4·0	...	2·9	0	1	15	2	1	2	1	1	2	5	2	14
	0530	,,	1003·7	981·9	...	78·5	77·2	76·6	31·0	94	...	5·1	...	2·9	0	0	20	2	2	1	1	1	3	5	5	10
	0830	,,	1005·3	994·3	−0·1	83·3	78·4	76·6	31·1	81	+2	5·2	+0·7	4·5	0	1	21	0	3	2	1	2	3	6	5	8
	1130	,,	1005·1	994·1	...	87·3	79·3	75·6	31·3	70	...	5·8	...	5·7	0	2	27	3	5	4	0	1	3	8	5	1
	1730	,,	1001·9	992·4	...	85·7	79·6	76·5	31·7	75	...	5·7	...	3·8	0	0	26	4	2	2	2	2	3	5	6	4
	2330	,,	1004·4	993·4	...	80·7	78·1	77·1	31·7	88	...	3·9	...	2·0	0	0	13	2	1	1	2	0	3	2	2	17
Fatehpur	0830	375	1005·3	992·5	..	82·8	78·5	77·3	31·2	86	+5	3·3	−0·4	0 8	0	0	13	1	1	2	0	0	2	5	2	17
	1730	,,	1001·9	989·2	..	86·3	80·0	77·5	32·2	76	...	4·2	...	0·5	0	0	7	1	0	2	0	1	0	1	2	25

isión 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, miles per hour.	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
East—*contd.*																										
ja	0830	398	1005·8	992·3	...	82·3	78·3	76·5	30·9	88	...	3·1	...	0·4	0	0	4	1	0	1	0	0	1	1	0	26
	1730	,,	1002·0	988·7	...	87·8	80·7	77·9	32·9	73	...	3·1	...	0·8	0	0	10	1	0	0	2	0	0	7	0	20
	0830	463	1005·7	990·8	...	83·0	77·6	75·3	29·7	78	...	3·8	...	3·4	0	0	27	3	3	3	0	1	2	8	7	3
	1730	,,	1002·5	987·0	...	88·4	79·0	74·7	29·5	66	...	4·0	...	3·1	0	0	28	1	11	0	0	1	2	2	11	2
pur	0830	414	1005·6	991·5	+0·4	82·9	78·2	76·2	30·9	81	−1	3·8	+1·2	1·8	0	1	11	3	2	3	0	0	0	3	1	18
	1730	,,	1002·0	988·1	...	86·2	78·1	74·5	29·3	69	...	3·9	...	1·9	0	0	20	5	1	2	0	0	1	4	7	10
now	0830	371	1005·9	993·5	+0·9	80·8	78·2	75·6	32·2	85	+6	3·2	−0·4	1·5	0	0	23	6	1	5	2	0	0	5	4	7
	1730	,,	1001·9	989·7	...	87·1	80·1	76·9	31·8	73	...	3·1	...	1·6	0	0	23	6	1	5	0	0	1	3	7	7
now (Amaldi Aerome).	0230	419	1004·2	989·4	...	77·8	76·7	76·4	31·3	96	...	2·6	...	3·1	0	2	14	4	3	2	1	0	2	2	2	14
	0530	,,	1003·9	989·2	...	76·9	76·2	75·5	30·6	97	...	3·7	...	2·7	0	1	16	2	5	1	1	0	3	3	2	13
	0830	,,	1005 4	991·2	+0·2	83·4	78·3	75·8	31·0	79	+4	4·0	+0·4	4·2	0	1	19	1	3	6	3	0	1	1	5	10
	1130	,,	1005·2	991·0	...	87·9	79·0	75·0	29·8	67	...	5·3	...	5·7	0	1	26	2	5	4	2	1	3	2	8	3
	1730	,,	1001·9	987·7	...	87·0	78·5	74·7	29·4	68	...	4·5	...	5·0	0	1	28	1	4	3	0	0	5	4	12	1
	2330	,,	1004·5	990·1	...	79·0	77·3	76·7	31·2	92	...	2·2	...	3·7	0	1	15	1	3	4	1	0	4	2	1	14
loi	0830	467	1005·1	989·2	...	82·0	78·1	76·4	30·9	83	...	2·5	...	1·9	0	0	29	8	2	3	4	1	3	4	4	1
	1730	,,	1001 5	985·6	...	84 7	80·3	77·0	33·0	71	...	2·5	...	2·0	0	0	29	3	3	4	1	2	3	6	7	1
impur Kheri	0830	483	1005·7	989·2	...	81·8	77·4	75·3	29·9	81	...	2·9	...	0·9	0	0	13	0	0	1	5	2	1	3	1	17
	1730	,,	1001·8	985·2	...	86·3	78·8	75·5	30·2	71	...	2·7	...	2·1	0	0	20	1	0	1	3	2	3	5	5	10
aich	0830	407	1005·8	991·9	+0·5	83·0	78·1	76·1	30·5	80	+2	3 8	+1·0	2·1	0	0	22	2	1	7	7	0	1	1	3	8
	1730	,,	1002·1	988·3	...	86·3	78·3	75·6	29·4	71	...	3·9	...	1·3	0	0	16	4	0	3	3	0	2	2	2	14
West si	0830	823	1006·5	978·5	+0·7	82·9	76·1	73·5	27 5	72	−2	2·3	−0·6	2·7	0	0	17	2	1	0	0	0	0	12	2	13
	1730	,,	1002·1	974·6	...	88·5	77·4	72·1	26·7	61	...	3·5	...	1·9	0	0	15	0	0	0	0	0	0	12	3	15
	0830	553	1005·9	987·0	+0·6	81·7	76·2	73·1	28·7	75	0	0·7	−2·4	0·5	0	0	8	0	0	1	0	1	1	2	3	22
	1730	,,	1002·0	985·5	...	90·9	78·2	71·8	27·2	57	...	2·3	...	0·9	0	0	12	1	1	0	0	1	1	4	4	18
puri	0830	516	1005·8	988·5	+0·9	81·7	77·3	75·5	30·2	82	+6	2·8	−0·6	1·5	0	0	19	1	0	2	2	1	0	7	6	11
	1730	,,	1002·2	984·8	...	89·4	80·2	76·4	31·4	69	...	3·6	...	1·1	0	0	13	0	1	2	2	1	1	3	3	17
rh	0530	615	1004·3	983·2	...	77·3	74·9	73·8	28·0	89	...	2·6	...	1·0	0	0	8	0	2	0	0	0	2	3	1	22
	0830	,,	1005·6	986·6	...	82·7	76·8	74·1	29·0	79	+8	2·0	−0·6	1·9	0	0	14	0	3	0	0	0	1	6	4	16
	1130	,,	1005·3	985·0	...	91·0	78·6	72·7	27·6	57	...	3·5	...	5·1	0	0	27	3	4	1	0	1	2	5	11	3
	1730	,,	1001·7	981·2	...	91·1	78·9	73·3	28·4	53	...	4·3	...	0·8	0	0	8	0	1	0	0	0	2	0	5	22
	2330	,,	1004·5	983·8	...	81·0	76·9	74·8	25·9	82	...	2·7	...	1·2	0	0	7	0	1	1	0	0	3	2	0	23
ly	0830	568	1005·4	986·0	−0·1	82·8	77·3	74·8	29·7	77	−3	3·1	−0·2	1·4	0	0	14	0	1	4	3	1	1	2	2	16
	1730	,,	1001·5	982·5	...	89·0	78·5	73·5	28·5	63	...	2·9	...	1·3	0	0	15	2	0	2	2	0	0	9	0	15
ly (P. B. O.)	0230	565	1003·7	984·4	...	79·8	76·9	75·8	30·3	88	...	2·1	...	2·3	0	0	21	1	3	4	3	2	3	4	1	9
	0530	,,	1004·0	984·6	...	78·3	76·2	75·5	30·0	91	...	3·3	...	2·4	0	0	18	0	2	8	1	3	0	2	2	12
	1130	,,	1000·3	986·2	...	88·1	78·6	74·8	29·0	66	...	3·5	...	4·1	0	0	30	0	2	5	5	4	0	7	7	0
	2330	,,	1004·1	984·9	...	81·5	78·1	76·8	30·6	86	...	1·7	...	2·1	0	0	18	1	1	3	2	3	4	3	1	12
t	0830	728	1005·7	980·9	+0·4	81·3	75·6	72·7	27·6	76	0	1·4	−1·0	1·1	0	0	14	0	3	10	0	0	0	1	0	16
bad	0830	885	1005·8	975·6	...	80·1	75·4	73·2	27·8	80	...	2·3	...	2·5	0	0	19	0	0	0	14	1	0	0	4	11
	1730	,,	1002·6	973·0	...	88·0	77·7	72·6	27·4	61	...	1·4	...	1·7	0	0	18	0	0	0	3	0	0	0	15	12
e	0830	899	1005·5	975·0 (b)	+0·1	79·9	75 9	73·8	28·8	83	+4	3·7	+0·8	1·4	0	0	20	0	1	1	9	3	0	1	5	10
	1730	,,	1001·5	971·5	...	88·5	78·4	73·7	28·7	63	...	3·7	...	1·0	0	0	16	0	2	1	1	1	0	4	7	14
Dun	0530	2,239	895·0	929·9	...	71·1	68·9	67·6	23·0	89	...	3·6	...	1·8	0	0	22	10	9	0	2	0	1	0	0	8
	0830	,,	896·5	931·1	+0·4	76·6	71·6	69·1	24·4	76	−4	3·2	−0·6	1·3	0	0	17	2	0	0	5	3	4	1	2	13
	1130	,,	897·2	931·3	...	82·4	73·9	69·9	24·3	66	...	5·0	...	2·0	0	0	26	0	0	0	2	9	9	5	1	4
	1730	,,	894·0	927·8	...	82·5	74·2	72·8	26·1	69	...	3·6	...	1·9	0	0	23	0	2	0	2	0	3	13	3	7
	2330	,,	895·3	929·9	...	73·7	70·8	69·1	23·7	85	...	1·6	...	1·7	0	0	21	8	12	0	0	0	1	0	0	9
(I) elhi	0230	710	1003·7	979·5	...	78·8	74·4	72·4	27·1	81	...	1·4	...	3 5	0	0	18	0	0	1	2	1	2	10	2	12
	0530	,,	1004·1	979·7	...	77·2	73·5	71·6	26·6	82	...	2·4	...	3·5	0	0	22	1	0	1	2	1	3	12	2	8
	0830	,,	1005·4	981·2	+0·1	82·8	75·3	71·5	26·7	69	−5	1·8	−1·5	5·6	0	3	22	0	1	2	0	2	4	13	3	5
	1130	,,	1005·2	981·3	...	90·1	77·1	70·4	25·8	54	...	2·7	...	5·6	0	1	24	1	3	1	1	1	1	10	7	5
	1730	,,	1001·2	977·8	...	90·8	77·0	70·2	25·8	53	...	2·2	...	4·5	0	0	23	4	4	1	1	0	0	5	8	7
	2330	,,	1004·1	979·9	...	80·7	75·1	72·2	27·2	75	...	1·1	...	3·3	0	1	15	1	0	1	1	0	6	6	1	14
	0830	725	1005·7	980·7	+0 3	81·9	71·9	71·9	27 0	71	+6	0·6	−1·0	2·3	0	0	21	0	2	1	1	1	7	7	2	9
	1730	,,	1001·9	977·8	..	94·1	77·8	69·8	25·5	47	...	1·0	..	2·6	0	0	23	6	3	0	1	1	2	3	7	7
	0830	818	1005·4	977·7	...	80·2	74·8	69·9	26·7	79	...	1·8	...	1·2	0	0	13	1	0	2	1	0	0	8	1	17
	1730	,,	1002·1	974·7	...	90·1	76·5	69·1	23 6	52	..	3·1	...	0·5	0	0	6	0	1	0	0	0	2	1	2	24
	0830	892	1005·1	974·8	−0·1	79·9	75·6	73·8	28·5	83	+9	1·5	−0·1	2·5	0	0	24	2	0	10	6	0	0	3	3	6
	1730	,,	1001·3	971·6	...	90·7	77·9	73·3	26·8	58	...	1·6	...	2·3	0	0	23	2	3	1	0	0	8	2	7	7

(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 miles per hour.	Wind Speed (m.p.h.).			No. of observations*								
			At mean sea or nearest g. p. km. level.	At station level.	Departure refrom 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	Ca
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	2
Punjab (I)—*contd.*																										
Ambala (P. B. O.)	0230	906	1003·5	972·7	...	79·7	74·7	72·6	27·4	79	...	1·0	...	2·7	0	1	14	0	0	2	4	0	1	1	7	
	0530	"	1003·9	973·0	...	77·8	73·8	72·0	26·9	83	...	1·5	...	1·8	0	1	10	0	0	3	2	0	1	0	5	
	1130	"	1005·2	974·7	...	86·9	76·5	72·4	26·4	63	...	2·7	...	4·1	0	0	24	0	0	2	5	0	3	5	9	
	2330	"	1003·6	972·9	...	81·9	75·0	72·0	26·5	73	...	0·6	...	2·0	0	1	12	0	0	1	3	0	0	0	9	
Patiala	0830	822	1004·9	977·0	...	81·7	75·3	72·3	27·2	73	...	1·8	...	2·3	0	0	25	2	3	2	7	1	1	3	6	
	1730	"	1001·3	973·9	...	90·1	76·7	70·0	25·0	54	...	3·0	...	2·6	0	0	24	2	1	2	3	0	0	2	14	
Ludhiana	0830	810	1004·9	977·5	−0·1	81·0	75·7	73·6	28·1	79	+7	1·1	−0·7	0·3	0	0	4	0	1	1	2	0	0	0	0	
	1730	"	1001·3	974·5	...	93·1	78·5	70·8	26·7	54	...	2·4	..	0·9	0	0	13	1	1	1	0	1	3	1	5	
Ferozepur	0830	657	1004·9	983·3	...	82·3	76·3	70·0	27·9	75	...	1·3	....	1·3	0	0	16	0	4	1	4	1	2	1	3	
	1730	"	1001·9	980·2	...	89·9	77·4	71·4	27·3	57	...	1·8	...	1·4	0	0	15	2	3	1	0	2	3	0	4	
Amritsar	0530	769	1004·1	977·7	...	73·7	72·6	72·0	27·3	95	...	1·0	...	2·7	0	0	22	2	3	5	3	1	4	3	1	
	0830	"	1005·2	979·0	...	81·1	75·7	73·1	27·7	77	...	1·1	...	3·3	0	0	24	2	3	5	2	5	4	1	2	
	1130	"	1005·3	979·6	...	88·9	73·9	71·8	21·9	59	...	1·5	...	4·3	0	0	27	0	1	5	1	2	4	9	5	
	1730	"	1002·1	976·4	...	89·2	76·2	70·0	24·7	55	...	2·0	...	6·0	0	2	28	2	6	1	1	0	3	7	10	
Pathankot	0830	1,128	1005·3	966·3	...	77·6	74·2	71·6	27·1	82	...	1·7	...	0·5	0	0	6	0	4	1	0	1	0	0	0	
	1730	"	1003·0	965·4	...	86·7	78·6	74·9	23·9	68	...	2·2	...	1·6	0	0	25	0	0	0	0	2	2	13	8	
Jammu & Kashmir																										
Srinagar	0830	5,205	798·3	840·4	+0·2	62·9	59·2	57·0	15·5	81	−4	2·8	+0·5	1·6	0	0	12	0	0	0	5	1	1	1	4	
	1130	,,	799·0	840·2	,,,	73·5	63·0	56·9	14·6	57	...	2·1	...	1·5	0	0	11	0	1	1	4	0	1	1	3	
	1730	,,	796·4	837·2	...	75·8	63·3	55·9	14·4	51	...	3·1	...	1·9	0	0	14	2	2	0	0	0	2	0	8	
Gulmarg	0830	8,709	708·5	740·2	+0·1	50·6	48·6	46·8	11·2	87	+7	3·4	−1·2	2·8	0	0	21	0	2	1	1	5	9	2	1	
Dras (R)	0830	10,059																								
(R)	1730	,,																								
Kargil (R)	0830	8,790																								
Leh	*0530	11,529	709·5	666·8	...	43·5	36·9	25·2	5·5	48	...	2·3	...	3·1	0	0	21	0	19	1	0	1	0	0	0	
	0890	"	709·2	667·5	0	54·3	41·5	28·7	4·2	38	−12	2·3	−0·6	0·7	0	0	4	0	0	0	0	1	1	2	0	
	1730	"	705·2	664·4	...	64·2	49·6	32·2	5·6	34	...	2·8	...	3·1	0	0	21	0	5	0	0	0	10	5	1	
Skardu (R)	0830	7,505																								
(R)	1730	"																								
Gilgit (R)	0830	4,890																								
(R)	1730	"																								
Misgar (R)	0830	10,190																								
(R)	1730	"																								
Jammu	0830	...																								
Rajasthan, West																										
Sri Ganganagar	0830	580	1004·0	984·3	...	80·7	74·1	70·7	27·7	72	+12	1·1	+0·4	1·8	0	0	26	0	3	1	4	4	9	3	2	
	1730	"	1001·4	982·1	...	93·3	76·3	67·3	22·9	45	...	1·2	...	1·9	0	0	28	3	3	2	2	2	7	5	4	
Bikaner	0830	734	1005·5	981·2	+0·9	81·2	74·4	70·5	26·0	71	+3	0·9	−0·6	5·7	0	0	30	0	0	0	1	0	24	4	1	
	†1730	"	1001·8	977·5	...	95·1	76·1	67·3	22·0	40	...	1·1	...	5·4	0	0	29	0	1	0	2	0	15	3	8	
Bikaner (P.B.O.)	0530	735	1004·6	979·5	...	78·8	75·5	73·8	28·9	86	...	2·2	...	3·4	0	0	21	0	0	0	0	5	10	6	0	
	1130	"	1005·8	981·1	...	90 4	80·3	76·0	30·9	63	...	1·6	...	4·5	0	0	28	1	0	0	0	1	8	15	3	
	2330	"	1004·4	979·5	...	83·6	77·7	75·0	29·5	76	...	0·6	...	3·0	0	0	19	0	1	0	0	7	7	4	0	
Jaisalmer	0830	793	1005·5	978 5	...	79·7	73·0	69·5	25·0	68	...	1·0	...	16·4	0	21	9	0	0	0	0	0	29	1	0	
	1730	"	1001·6	975·2	...	94 0	74·4	66·0	21·2	40	...	1·2	...	13·3	0	16	13	0	0	0	2	1	24	1	1	
Jodhpur	0230	736	1005·1	979·8	...	78 2	73·3	71·0	25·3	78	...	0·9	...	3·0	0	0	22	0	0	0	0	0	16	6	0	
	0530	"	1005·4	983·4	...	76·8	72·7	70·5	25·9	82	...	1·9	...	3·0	0	0	26	0	0	0	0	0	11	15	0	
	0830	"	1007·1	981 9	+2·1	80·0	74·2	71·3	26·0	75	+2	3·1	−0·1	3·5	0	0	22	0	0	0	0	1	10	10	1	
	1130	"	1007·2	982·4	...	88·1	76·7	71·1	25·9	58	...	3·1	...	5·6	0	0	30	1	0	0	0	0	14	15	0	
	1730	"	1003·3	978·7	...	91·5	76·7	69·0	24·3	50	...	3·0	...	5·5	0	1	27	0	1	0	0	1	18	6	2	
	2330	"	1005·8	980·6	...	80·8	74·7	71·2	26·9	74	...	0·9	...	2·0	0	0	23	0	1	0	0	1	13	8	0	
Phalodi	0830	767	1006·6	980·3	...	78·9	74·4	72·3	27·1	80	...	1·5	...	8·7	0	3	27	0	0	0	0	2	25	3	0	
	†1730	"	1003·3	977·9	...	93·0	77·5	70·2	25·2	48	...	1·6	...	10·0	0	4	25	1	1	0	0	4	19	4	0	
Barmer	0530	638	1004·8	982·9	...	78·4	74·6	72·4	27·3	83	...	0·8	...	6·1	0	1	26	0	0	0	0	1	10	14	2	
	0830	"	1006·7	984·9	+1·2	80·1	75·2	72·8	27·4	79	+8	2·0	−0·6	3·1	0	0	27	0	0	0	1	4	11	10	1	
	1130	"	1006·6	985·1	...	89·3	77·9	72·7	27·0	59	...	2·3	...	5·3	0	1	28	0	0	0	1	9	13	4	2	
	1730	"	1003·0	981·7	...	93·4	79·1	72·7	27·1	52	...	2·8	...	5·3	0	1	27	1	0	0	2	8	15	2	0	
	2330	"	1005·1	983·5	...	84·6	76·4	72·4	28·1	67	...	0·5	...	6·6	0	1	28	0	0	0	0	4	20	5	0	

(R) Register not received

*Observations for 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.			Mean temperature in °F.			Vapour pressure in mbs.	Relative humidity %		Cloud amount (Oktas).		Mean wind speed, miles per hour.	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
than, East																										
r	0830	1,419	1004·9	958·7	...	79·4	74·1	71·3	26·4	75	...	2·3	...	2·5	0	0	28	0	0	0	2	4	12	9	1	2
	1730	"	1002·4	955·5	...	85·3	76·7	70·7	27·5	54	...	3·2	...	2·0	0	0	30	0	1	0	1	2	13	8	5	0
ur	0830	1,431	1006·4	958·1	−0·1	80·3	74·1	71·0	26·3	74	+4	2·5	−0·3	6·1	0	1	26	7	1	0	0	0	1	6	12	3
	1130	"	1005·7	958·1	...	86·8	76·2	71·1	26·4	61	...	4·2	...	6·0	0	0	30	3	0	0	2	1	3	10	11	0
	1730	"	1002·6	955·1	...	87·4	76·1	70·5	24·9	59	...	3·9	...	5·1	0	0	29	4	0	1	2	0	7	8	7	1
ur (Sanganer Aerodrome),	0230	1,282	1004·7	961·0	...	75·4	72·9	71·0	25·2	88	...	1·7	...	4·8	0	0	25	3	0	3	0	0	0	5	14	5
	0530	"	1004 9	961·2	...	74·4	72·2	71·1	25·0	89	...	2·5	...	4·7	0	0	24	3	0	2	0	0	0	4	15	6
	0830	"	1006·0	962·4	...	80·8	74·5	71·2	25·3	72	...	2·7	...	7·1	0	1	25	1	0	1	1	0	1	9	13	4
	1130	"	1005·7	962·9	...	87·2	76·8	71·9	25·4	61	...	3·5	...	8·0	0	4	24	2	0	1	0	0	2	11	12	2
	1730	"	1002·4	959·7	...	86·5	75·8	71·0	25·6	61	...	3·8	....	6·3	0	1	26	2	0	1	1	1	4	11	7	3
	2330*	"	1005·1	961·6	...	77·2	73·7	72·0	24·3	84	...	1·5	...	3·0	0	0	19	1	0	0	0	0	0	5	13	10
r	0830	1,593	1006·9	953·2	+0·4	78·8	72·1*	68·9	24·0	72	+5	4·1	+1·3	7·9	0	0	29	0	0	0	0	0	16	13	0	1
	1730	"	1003·2	950·3	...	85·8	73·6	67·8	22·9	56	...	2·9	...	3·1	0	0	27	5	1	0	1	0	6	9	5	3
h	0530	843	1005·1	976·3	...	78·1	73·9	71·8	26·5	81	...	2·5	...	2·5	0	0	20	0	0	0	0	0	2	16	2	10
	0830	"	1006·4	977·9	+0·5	82·7	75·2	71·5	29·2	69	0	2·5	−6·5	2·4	0	0	22	0	0	0	0	0	2	14	6	8
	1130	"	1006·4	978·1	...	89·1	77·3	71·7	26·6	57	...	4·0	...	3·5	0	0	23	1	0	0	0	0	1	10	11	7
	1730	,,	1002·7	974·6	...	89·4	76·8	69·7	25·9	54	..	3·8	...	3·1	0	0	22	1	0	0	1	0	2	5	13	8
	2330	"	1005·6	976·9	...	81·3	74·8	71·7	26·5	73	..	2·1	...	3·7	0	0	26	0	1	0	0	1	8	16	0	4
awar	0830	1,053	1006·8	971·0	+1·0	79·1	74·0	71·7	26·4	78	−3	1·8	−2·1	1·9	0	0	17	2	0	0	0	1	1	9	4	13
	1730	"	1002·5	967·5	...	89·2	76·5	66·6	25·4	52	...	2·1	...	2·0	0	0	16	5	0	0	1	1	0	5	4	14
pur	0230	1,910	895·2	941·8	...	71·9	70·3	69·5	24·9	92	...	1·9	...	0·4	0	0	2	1	0	0	0	0	0	1	0	28
	0530	"	895·1	941·8	...	70·9	69·4	68·8	24·0	94	...	2 5	...	0·5	0	0	4	0	0	0	0	0	2	2	0	26
	0830	"	896·9	943·2	+0·2	77·2	72·1	69·7	24·8	78	+3	3·1	+0 2	0·6	0	0	4	0	0	0	0	0	1	1	2	26
	1130	"	898·1	943·5	...	83·6	74·3	69·8	24·8	60	...	5·0	...	2·8	0	0	21	1	0	1	1	2	9	6	1	9
	1730	"	895·1	940·9	...	81·3	73·7	70·0	25·6	69	...	5·4	...	3·5	0	0	24	1	0	0	1	3	9	10	0	6
	2330	"	896·5	943·1	...	73·5	71·3	70·0	25·5	89	...	1·0	...	0·3	0	0	4	0	0	0	0	1	1	1	1	26
a Bharat																										
ior (P. B. O.) . .	0230	688	1004·1	980·6	...	78·1	74·3	72·3	27·3	83	...	2·3	...	3·2	0	0	18	2	0	1	0	1	7	7	0	12
	0530	"	1004·4	980·8	...	76·8	73·7	72·1	27·0	86	...	2·7	...	3·0	0	0	17	0	2	0	0	0	7	6	2	13
	0830	"	1005·7	982·3	+0·8	81·7	75·8	72·6	27·8	75	−1	3·0	−0·8	3·1	0	0	25	1	1	0	1	1	2	10	9	5
	1130	"	1005·6	982·4	...	88·0	78·1	73·6	28·4	63	...	3·6	...	3·6	0	0	28	5	3	0	0	0	1	4	15	2
	1730	"	1002·3	979·1	...	86·7	77·5	73·2	28 1	66	...	4·4	...	2·5	0	1	19	5	1	1	0	1	2	1	9	10
	2330	"	1004·9	981·4	...	79·3	75·3	73·4	28·1	83	...	2·5	...	2·2	0	0	17	2	0	1	1	2	8	2	1	13
our Kalan . . .	0830	771	1005·9	979·6	...	81·1	77·0	74·8	29·8	82	...	3·4	...	1·5	0	0	14	0	1	0	0	3	5	4	1	16
	1730	"	1002·3	976·5	...	87·4	78·9	75·0	29 8	68	...	3·8	...	2·1	0	0	20	8	1	2	0	2	2	5	0	10
. . . . .	0530	1,571	1005·5	952·1	..	73·2	71·2	70·3	25·2	90	...	3·4	...	1·1	0	0	13	0	0	0	0	2	3	5	3	17
	0830	"	1006·5	953·5	+0·8	78·3	73·5	71·5	26·3	80	−3	4·3	+0·6	3·6	0	0	28	2	0	0	1	0	2	21	2	2
	1130	"	1006·1	953·9	...	86·1	76·0	71·4	26·6	62	...	4·7	...	3·5	0	0	27	3	0	0	0	0	1	8	15	3
	1730	"	1002 6	950·5	...	86·4	75·3	70·3	25·5	60	...	4·9	...	3·3	0	0	29	9	1	3	0	0	3	5	8	1
	2330	"	1006·2	953·0	...	76·8	72·8	70·8	25·9	82	...	3·1	...	2·0	0	0	17	1	0	0	3	4	3	4	2	13
uch	0830	1,625	1007·9	952·9	+0·8	76·7	72·9	70·6	26·1	82	+3	3·7	+0·1	6·1	0	0	29	2	1	0	0	0	11	14	1	1
	1730	"	1004·4	950·2	...	82·7	74·1	70·1	25·3	67	...	5 6	...	6·9	0	1	28	0	2	1	0	0	10	14	2	1
m	0830	1,596	1008·1	953·8	...	74·9	72·7	71·6	26·6	89	...	6 2	...	5·6	0	0	28	0	0	0	0	0	6	20	2	2
	1730	"	1004·2	950·9	...	83·2	74·1	69·8	25·1	65	...	6·4	...	6·5	0	0	30	4	2	0	0	0	4	14	6	0
e	0530	1,861	894·6	943·2	...	70·7	69·6	69·1	24·3	95	...	3·6	...	12·0	0	14	16	1	0	0	0	0	3	18	8	0
	0830	"	896·5	944·9	+0·3	74·6	71·9	70·7	25·6	88	+5	4·1	−1·3	12·9	0	14	15	1	0	0	0	0	0	13	15	1
	1130	"	897·3	944·9	...	82·0	74·0	70·4	25·4	68	...	4·6	...	10·6	0	14	14	5	0	0	1	0	0	8	14	2
	1730	"	894·1	941·8	...	80·0	72·5	69·0	24·2	71	...	6·1	...	8 5	0	7	22	4	1	0	2	0	0	10	12	1
	2330	"	895·7	944·2	..	73·3	70·8	69·6	25·4	89	...	2·9	...	4·4	0	1	18	2	0	0	0	0	1	7	9	11
il (Bairagarh) . .	0230	1,715	893·9	947·5	..	73·5	71·2	70·2	25·1	80	...	3·7	..	4·9	0	0	28	1	0	1	0	0	3	14	9	2
	0530	,,	893 9	947·7	...	72·3	70 4	69·6	24·6	91	...	3 7	..	5·2	0	0	26	0	0	0	0	0	2	12	12	4
	083	"	895·9	949·4	+1·0	77·1	72·4	70·1	25·3	80	−3	4·9	+0·3	10·1	0	7	21	2	0	0	0	0	0	5	21	2
	113C	"	896·5	949·2	...	83·9	74·4	70·1	25·2	64	...	5·6	..	10·9	0	10	20	2	3	0	2	0	0	3	20	0
	1730	"	893·5	946·1	..	83·9	73·7	68·9	24·2	63	...	6·0	...	8·8	0	4	26	5	2	2	1	1	2	6	11	0
	2330	,,	895·1	948·6	...	75·8	72·0	70·2	25·2	83	...	3·7	...	4·7	0	0	24	2	1	0	1	2	3	11	4	6

*Observations for 21 days.

TABLE III— SUMMARY OF OBSERVATIONS AT FIXED HOURS—SEPTEMBER 1953.

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, miles per hour.	Wind Speed (m.p.h.).			No. of observations. Wind direction.								
			At mean sea or nearest s. 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
Vindhya Pradesh																										
Nowgong	0830	750	1005·9	980·2	0	78·9	75·9	74·3	29·2	86	+5	3·9	−0·1	2·0	0	0	25	1	0	0	0	3	13	4	4	5
	1730	"	1002·1	977·0	...	88·0	78·5	74·2	29·0	65	...	4·7	...	2·3	0	0	25	3	6	1	0	1	4	3	7	5
Sutna	0830	1,041	1005·5	970·1	0	79·8	77·0	75·6	30·4	87	+7	5·3	+1·2	3·4	0	0	29	0	1	2	0	0	12	9	5	1
	1730	"	1002·2	967·1	...	83·1	77·9	75·4	30·3	78	...	5·3	...	2·5	0	0	26	2	2	2	1	0	1	10	8	4
Umaria	0830	1,506	1005·5	954·8	...	79·1	75·1	73·4	28·1	83	+3	4·8	−0·4	4·1	0	1	27	1	1	3	0	3	6	12	2	2
	1730	"	1001·8	951·6	...	82·8	76·1	73·2	28·0	73	...	6·3	...	2·6	0	0	25	3	3	1	1	1	5	5	6	1
Madhya Pradesh, East																										
Gondia	0830	1,026	1006·3	971·5	...	79·7	75·8	74·2	28·7	82	...	5·2	...	2·6	0	0	26	6	5	1	2	0	2	0	10	4
	1730	"	1002·6	968·1	...	83·6	76·8	73·6	28·4	72	...	5·5	..	2·5	0	0	24	5	4	0	2	1	4	0	8	1
Pendra	0530	2,048	894·6	936·1	...	72·5	71·8	71·4	26·3	96	...	7·5	...	0·9	0	0	10	6	0	0	0	3	0	0	1	2
	0830	"	896·3	937·6	+0·2	76·7	73·9	72·5	27·4	88	+6	7·3	+3·0	2·4	0	0	22	12	4	0	0	3	2	0	1	1
	1130	"	896·3	937·1	...	81·8	75·5	72·8	27·6	74	...	7·6	...	3·9	0	0	30	16	2	0	0	6	1	0	5	
	1730	"	893·6	934·5	...	79·1	74·5	72·6	27·3	81	...	7·6	...	3·1	0	0	27	10	3	2	0	2	3	3	4	
	2330	"	895·5	936·9	...	74·5	73·0	72·3	27·1	93	...	6·3	...	1·7	0	0	17	7	0	0	0	7	1	0	2	1
Raigarh	0830	723	1005·7	981·1	...	81·0	77·2	75·3	30·2	84	...	6·0	...	1·0	0	0	13	3	1	0	1	2	5	1	0	1
	1730	"	1001·9	977·6	...	85·4	78·9	76·7	30·8	74	...	5·9	...	0·9	0	0	12	3	3	0	0	2	3	0	1	1
Ambikapur	0830	2,005	895·9	938·7	...	76·3	73·7	72·5	27·4	88	...	4·3	...	5·5	0	1	27	3	10	2	0	2	5	4	2	
	1730	"	893·2	935·5	...	79·9	74·7	72·7	27·3	80	...	4·4	..	6·6	0	1	28	3	10	1	0	1	5	5	4	
Champa	0830	805	1005·7	978·4	...	81·6	77·2	75·0	29·9	81	...	5·8	...	2·8	0	0	28	10	0	3	1	2	3	5	4	
	1730	"	1002·1	975·0	...	85·3	77·8	74·3	29·1	70	...	6·9	...	3·9	0	0	26	6	1	2	1	3	3	4	6	
Raipur	0530	979	1004·5	971·1	...	77·4	75·2	74·1	28·8	90	...	5·6	...	0·4	0	0	5	0	1	1	0	0	3	0	0	
	0830	"	1006·0	972·8	+0·1	81·0	76·4	74·3	29·0	81	0	5·4	+0·8	1·1	0	0	15	2	3	0	1	0	6	2	1	
	1130	"	1005·3	972·4	...	85·7	77·5	73·5	28·5	68	...	5·5	...	1·5	0	0	17	4	2	1	1	4	4	0	1	
	1730	"	1002·2	969·4	...	85·3	77·0	72·8	27·9	68	...	6·2	...	0·9	0	0	11	2	2	1	1	0	1	3	1	
	2330	"	1005·3	972·0	...	79·5	75·9	74·6	28·9	85	..	5·4	...	0·3	0	0	5	0	0	0	0	1	1	1	2	
Kanker	0830	1,318	1006·5	962·0	+0·6	79·6	75·5	73·3	28·3	81	−1	5·5	−0·1	0·7	0	0	11	0	0	0	0	0	6	3	2	
	1730	"	1002·7	958·6	...	82·2	76·7	74·5	28·9	77	...	6·0	...	1·2	0	0	15	1	1	0	0	0	2	5	6	
Chanda	0830	634	1006·8	985·0	−0·2	79·8	76·1	74·2	29·4	84	+4	5·1	+0·5	2·1	0	0	17	0	0	0	0	0	4	0	13	
	1730	"	1003·3	981·7	...	83·9	76·3	74·2	27·9	74	...	6·2	...	2·5	0	0	21	1	7	1	0	0	4	3	5	
Sironcha	0830	405	1007·0	993·1	...	79·7	76·7	75·5	30·0	87	...	5·2	...	2·1	0	0	23	6	2	0	3	2	2	2	6	
	1730	"	1003·5	989·7	...	83·9	78·0	75·7	30·1	77	...	5·9	...	2·3	0	0	28	5	3	2	2	3	3	4	6	
Jagdalpur (P.B.O.)	0530	1,813	893·7	943.7	...	73·3	72·3	71·8	26·7	95	...	6·2	...	0·6	0	0	8	0	0	1	1	1	2	2	1	
	0830	"	895·7	945·4	−0·2	77·2	73·8	72·4	27·3	85	+1	6·6	+1·6	2·1	0	0	19	1	2	0	0	3	4	4	5	
	1130	"	895·7	944·8	...	83·2	75·6	72·2	27·2	70	...	6·7	...	3·1	0	0	28	6	3	2	1	1	2	6	7	
	1730	"	893 1	942·3	...	80·6	75·0	72·4	27·4	78	...	7·4	...	2·5	0	0	23	1	4	0	3	1	5	5	4	
	2330	"	894·9	944·8	...	75·0	73·4	72·6	27·5	92	...	4·8	...	0·3	0	0	4	0	0	0	0	0	2	1	1	
Madhya Pradesh, West																										
Buldhana	0830	2,133	897·6	936·1	...	72·8	70·3	68·9	24·3	87	...	5·3	...	4·9	0	0	30	1	0	0	0	0	0	1	28	
	1730	"	895·5	933·4	...	82·6	73·1	68·5	23·9	63	...	5·4	...	3·1	0	0	29	1	3	0	0	0	0	0	25	
Akola	0830	925	1007·6	976·0	+0·2	78·7	74·0	71·7	26·5	79	+1	6·5	+1·7	9·0	0	0	30	1	0	0	0	0	0	15	14	
	1130	"	1006·7	975·6	...	86·6	76·2	71·1	26·3	61	...	5·8	...	7·2	0	1	28	2	0	0	0	0	0	5	22	
	1730	"	1003·3	972·4	...	87·5	75·5	69·1	24·7	57	...	6·2	...	6·9	0	0	30	5	3	1	0	0	0	9	12	
Akola (Aerodrome)	0530	1,015	1005·7	970·9	...	74·1	71·6	70·3	25·3	88	...	5·6	...	5·9	0	0	28	0	0	0	0	0	1	16	11	
	2330	"	1006·3	971·7	...	77·4	73·3	71·2	26·2	81	...	5·4	...	3·2	0	0	18	0	0	0	1	1	3	9	4	
Amravati	0830	1,219	1007·3	966·1	+0·6	77·3	73·8	71·9	26·9	84	+4	5·1	+0·2	2·9	0	0	27	1	0	0	0	0	0	22	4	
	1730	"	1003·2	962·6	...	84·2	74·5	69·0	24·8	63	...	5·8	...	3·7	0	0	30	1	4	1	2	0	7	4	11	
Yeotmal	0830	1,481	1007·3	957·1	...	76·7	73·7	72·2	27·0	86	...	6·0	...	(d) 7·9	(d) 0	2	(d) 24	2	0	0	0	0	2	4	21	
	1730	"	1003·3	953·7	...	81·4	75·2	72·8	27·0	76	...	6·8	...	(c) 4·4	(c) 0	0	(c) 23	3	2	3	1	1	6	2	7	
Khandwa	0830	1,044	1007·3	971·7	0	78·6	74·1	72·0	26·7	80	−1	5·6	+1·2	5·7	0	0	28	0	0	0	0	0	3	14	11	
	1730	"	1002·9	967·9	...	85·5	76·2	71·6	26·7	64	...	6·8	...	4·5	0	0	28	2	1	1	1	1	2	4	16	
Hoshangabad	0830	992	1006·9	973·3	+0·1	77·7	74·4	72·9	27·6	85	0	4·4	−0·6	1·7	0	0	19	0	0	0	1	2	9	7	0	
	1730	"	1002·8	969·5	...	85·5	77·0	73·1	27·8	67	...	5·2	...	1·5	0	0	15	2	2	0	0	1	4	4	2	
Sagar	0830	1,808	895·5	945·5	+0·4	77·1	73·3	72·1	26·5	83	+3	4·1	−0·1	6·0	0	0	30	4	1	0	1	1	1	9	13	
	1730	"	893·1	942·5	...	82·0	74·3	70·7	25·8	70	...	4·7	...	7·3	0	0	30	8	5	2	1	2	0	5	7	
Jabalpur	0530	1,289	1004·8	960·9	...	75·3	73·5	72·7	27·4	91	...	4·7	...	0·7	0	0	5	0	0	0	0	0	5	0	0	
	0830	"	1006·2	962·7	+0·6	80·3	75·2	72·9	27·6	79	−2	5·3	+0·8	3·1	0	0	19	0	1	0	0	1	9	6	2	
	1130	"	1005·5	962·5	...	86·2	77·3	73·2	27·9	65	...	5·2	...	4·2	0	0	22	0	2	0	0	0	7	3	10	
	1730	"	1002·3	959·3	...	85·7	76·4	71·9	26·7	65	...	5·9	...	3·8	0	0	23	3	9	0	0	0	4	2	5	
	2330	"	1005·5	961·9	...	78·0	75·0	73·7	28·3	87	...	4·2	...	0·9	0	0	7	0	1	0	2	0	3	1	0	

(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.			Mean temperature in °F.			Vapour pressure in mbs.	Relative humidity %.	Departure from normal.	Cloud amount (Oktas).		Mean wind speed, miles per hour.	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
ya Pradesh, West—*contd.*																										
adla	0830	1,452	1006·2	957·1	...	77·4	74·7	73·6	28·1	88	...	5·6	...	1·9	0	0	17	5	0	0	0	1	0	3	8	13
	1730	"	1002·6	954·0	...	82·0	76·2	73·6	28·2	76	...	5·5	...	3·4	0	0	24	8	3	1	0	1	0	1	10	6
ai	0830	2,027	896·6	938·4	+0·3	77·5	73·1	71 6	26·0	81	+2	4·5	+0·2	2·8	0	0	25	12	0	1	0	0	2	2	8	5
	1730	"	894·3	935·6	...	81·0	73·7	70·5	25·4	71	...	6·0	...	2·9	0	0	25	12	1	2	3	0	4	0	3	5
indwara	0830	2,248	897·2	931 5	...	76·6	72·6	69·8	25·7	80	...	3·8	...	2·5	0	0	22	6	1	0	0	0	0	8	7	8
	1730	"	894·8	928 7	...	79·8	72·5	69·2	24·3	71	...	5·3	...	2·3	0	0	27	4	4	4	1	0	1	7	6	3
l	0830	2,144	897·4	935·5	...	74·5	71·5	70 0	25·1	86	...	5·8	...	3·6	0	0	29	2	1	0	0	0	0	13	13	1
	1730	"	894·7	932·3	...	79·3	72·7	69·4	24·7	73	...	6·2	...	4·3	0	0	30	7	3	0	0	0	1	6	13	0
our	0230	1,010	1004·9	970·3	...	75·1	73·7	72·5	27·7	92	...	4·9	...	1·1	0	0	13	2	2	0	0	0	2	3	4	17
	0530	"	1005·0	970·5	...	74·4	72·6	71·7	26·6	92	...	5·3	...	1·4	0	0	11	0	0	0	0	0	0	4	7	19
	0830	"	1006·3	972 3	+0·2	80·1	75·5	73·3	28·1	80	+8	5·3	+0·6	3·4	0	0	22	4	1	0	0	0	0	2	15	8
	1130	"	1005·8	972·1	...	86·7	77·5	73·2	28·1	65	...	5·2	...	5·7	0	1	29	8	6	3	0	0	1	4	8	0
	1730	"	1002·8	968·9	...	84 0	76·2	72·8	27·3	71	...	6·5	...	3·3	0	0	20	4	2	3	2	1	4	1	3	10
	2330	"	1006·1	971·6	...	77·0	74·3	72·6	27·7	88	...	5·2	...	1·1	0	0	13	1	0	0	0	0	5	4	3	17
ati																										
sa	0830	444	1007·7	992·5	+0·6	80·4	75·7	73·6	28·2	78	...	3·3	...	...	0	0	22	1	0	0	0	0	20	1	0	8
	1730	"	1003·8	988·8	...	90·0	77 0	70·5	25·8	54	...	3·3	...	...	0	0	27	0	1	0	1	4	17	3	1	3
t	0530	39	1007·2	1005·8	...	77·4	75·6	74·9	29·4	92	...	4·9	...	1·9	0	0	20	1	0	0	3	3	7	4	2	10
	0830	"	1008·8	1007·5	+0·7	79·9	77·1	75·8	30·5	87	+6	5·9	+0·7	2·2	0	0	25	0	0	2	4	3	3	4	9	5
	1130	"	1008·9	1007·6	...	85·1	78·3	75·3	30·0	73	...	6·5	...	4·3	0	0	29	1	1	0	1	0	9	9		1
	1730	"	1005·7	1004·4	...	86·5	79·1	75·9	30·7	71	...	4·1	...	4·5	0	0	30	0	0	0	0	1	24	5	0	0
	2330	"	1008·0	1006·7	...	80·0	77·1	76·0	30·5	88	...	2·4	...	3·2	0	0	29	0	0	0	2	9	16	2	0	1
edabad	0230	182	1006·3	1000·0	...	77·8	75·2	74·4	28·7	88	...	2·8	..	4·9	0	0	26	0	0	0	1	4	12	[illegible]	0	4
	0530	"	1006·3	1000·0	...	76·4	74·6	73·6	28·5	91	...	3·2	...	4·2	0	0	25	1	0	0	0	2	10	10	2	5
	0830	"	1008 0	1001·8	+0·2	79 4	76·1	74·7	29·3	86	+10	4·2	+0·1	6·7	0	0	29	0	1	0	0	2	6	12	8	1
	1130	"	1008·3	1002·1	...	85·6	77·5	73·8	28·5	69	...	5·0	...	7·3	0	0	29	3	0	0	0	2	6	9	9	1
	1730	"	1004·6	998·5	...	88·3	77·5	72 5	27·3	61	...	3·1	...	6·5	0	0	30	0	0	0	0	3	13	11	3	0
	2330	"	1007·1	1000·9	...	79·7	76·2	74·7	29·3	85	...	2·4	..	5·0	0	0	28	0	0	0	2	9	8	7	2	2
ad	0830	1,093	1008·2	970·9	...	77·3	74·2	72·5	27·5	86	0	4·4	−1·3	11·5	0	11	19	0	0	0	0	0	11	18	1	0
	1730	"	1004·6	968 0	...	85·4	76·0	71·5	26·4	64	...	3·6	...	7·5	0	1	29	0	0	0	0	0	10	20	0	0
da	0530	115	1006·7	1002·7	...	76·3	75·7	75·3	30·1	97	...	3·5	...	1·7	0	0	17	0	0	0	0	2	13	1	1	13
	0830	"	1008·5	1004 5	...	79·3	77·3	76·2	31·1	91	+10	4·4	0	1·7	0	0	16	0	0	0	0	2	10	3	1	1
	1130	"	1008·6	1004·7	...	85·7	79·5	76·8	31·6	75	...	5·2	...	2·5	0	0	22	1	1	0	0	0		7	6	8
	1730	"	1005·0	1001·1	...	88·1	80·9	77·9	32·7	73	...	3·2	...	1·8	0	0	17	0	0	0	0	0	5	6	6	13
	2330	"	1007·6	1003·6	...	78·8	77·5	76·8	31·6	94	...	2·8	...	2·7	0	0	20	0	0	0	1	4	13	2	0	10
da (Aerodrome	0530	124	1006·9	1002·6	...	76·7	75·1	74·4	29·1	93	...	3·9	...	4·1	0	0	30	0	0	0	1	1	22	2	4	0
	0830	"	1008·7	1004·4	...	79·8	76·5	75·0	29·7	85	...	4·2	...	3·2	0	0	26	0	0	0	0	3	13	4	6	4
	1730	"	1005·0	1000·8	...	88·0	77 6	72·7	27·6	62	...	2·6	..	3·3	0	0	28	1	1	0	0	2	10	5	9	2
	2330	"	1007·6	1003·3	...	79·1	76·1	74 8	29·4	87	...	2·2	...	3·9	0	0	30	0	0	0	1	0	21	7	1	0
ch	0830	57	1008·1	1006·1	...	78·6	75·7	74·5	29·0	87	...	4·4	...	3·0	0	0	29	0	0	0	0	2	22	2	3	1
	1730	"	1004·8	1002·8	...	86·5	76·7	72·1	26·9	64	...	3·9	...	5 2	0	0	30	0	0	0	0	0	27	2	1	0
shtra and Kutch																										
j	0830	343	1007·7	995·9	+0·6	79·1	75·0	73·2	27·8	82	+6	2·1	−1·7	3·4	0	0	26	1	0	0	0	0	11	13	1	4
	1730	"	1005·0	993·4	...	87·7	75·7	69·7	24·9	56	...	(b) 2·9	...	(b) 8·9	0	2	27	0	0	0	0	2	13	13	1	0
j (P. B. O.)	0230	347	1006·0	994 0	...	77·4	74·3	73·0	27·6	87	...	1·4	...	3·1	0	0	24	0	0	0	0	0	18	6	0	6
	0530	,,	1005·9	994 0	...	76·7	73·9	72·6	27·3	87	...	1·4	...	2·2	0	0	17	0	0	0	0	3	11	3	0	13
	0830	"	1007·1	995 3	...	79·8	75·2	73·3	27·8	80	...	3·1	...	3·5	0	0	26	1	0	0	0	1	17	5	2	4
	1130	"	1007·4	995·7	...	86·5	75·4	70·6	25·0	60	...	4·8	...	5·1	0	0	29	0	0	0	1	1	14	9	4	1
	1730	"	1004·7	993·0	...	87·8	75·7	70·7	24·9	57	...	3·5	...	6·7	0	0	30	0	0	0	1	0	20	8	1	0
	2330	"	1006·8	994·9	...	79·1	74·5	72·7	27·1	81	...	1·2	...	4·5	0	0	30	0	0	0	1	1	20	8	0	0
rka	0830	37	1008·2	1006·9	+0·5	81·5	77·5	75·7	30·4	83	−2	3·4	−0·8	8 9	0	6	22	0	0	0	0	0	8	16	4	2
	1730	"	1006·1	1004·8	...	84·1	78 3	75·7	30·4	76	...	3·1	...	10·6	0	6	24	0	0	0	0	0	7	21	2	0
andar	0830	23	1008·0	1007·3	...	80 7	76·6	74·6	29·4	82	...	3·4	...	7·9	0	6	23	4	4	0	0	0	4	9	8	1
	1730	"	1005·9	1005·1	...	84·3	77·4	74·5	29·0	72	...	4·2	...	12·4	0	14	16	0	0	0	0	0	10	19	1	0
nagar	*0530	74	1006·5	1003·9	...	74·7	73·5	72·9	27·7	94	...	1·8	...	5·9	0	1	24	0	0	0	0	8	14	3	0	0
	0830	"	1008·2	1005·6	+0·7	79·9	76·4	74 7	29·5	85	+7	3·0	−0·6	7·0	0	1	29	0	0	0	0	3	21	5	1	0
	1130	"	1008·6	1006·1	...	86 8	77·6	73·4	28·2	65	...	5·0	...	9·2	0	6	24	1	0	0	1	0	5	20	3	0
	1730	"	1005·5	1003·1	..	84·9	77·4	74·1	28·7	70	...	3·8	...	13·3	0	17	13	0	0	0	0	1	2	22	5	0

*Observations for 25 day only.

(b) Mean of 29 days.

TABLE III—SUMMARY OF OBSERVATIONS AT FIXED HOURS—SEPTEMBER 1953.

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 mm.	Relative humidity %		Cloud amount (Oktas).		Mean wind speed, miles per hour.	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
Saurashtra and Kutch—*contd.*																										
Rajkot	0830	432	1008·4	993·5	+0·8	76·9	74·8	73·4	28·6	89	+8	2·2	−2·1	3·3	0	0	28	0	0	0	0	5	10	10	3	2
	1730	"	1005·1	990·5	...	87·0	76·1	70·5	25·8	60	...	5·0	...	5·3	0	0	29	1	0	1	0	1	7	13	6	1
Rajkot (Aerodrome)	0530	439	1006·8	991·6	...	73·4	72·5	72·0	26·9	96	...	2·0	...	5·1	0	0	29	0	0	0	0	11	17	1	0	1
	0830	"	1008·5	993·4	...	78·2	75·3	73·8	28·6	87	...	1·8	...	7·6	0	1	29	0	0	0	0	5	16	9	0	0
	1130	"	1008·4	993·5	...	85·8	76·1	71·4	26·4	62	...	5·2	...	9·4	0	5	25	0	0	0	2	2	9	13	4	0
Veraval	0230	26	1007·0	1006·1	...	78·8	75·5	74·0	28·7	85	...	3·2	...	8·5	0	6	21	4	1	0	0	0	5	12	5	3
	0530	"	1006·9	1006·0	...	77·7	75·0	73·7	28·9	88	...	3·3	...	8·1	0	5	24	2	6	2	0	0	5	11	3	1
	0830	"	1008·7	1007·8	+0·4	81·2	76·9	74·9	29·6	81	−3	4·5	0	8·5	0	7	20	5	3	0	0	1	4	12	2	3
	1130	"	1009·2	1008·3	...	84·4	77·8	74·8	29·5	73	...	4·1	...	10·3	0	7	23	1	0	0	0	1	2	21	5	6
	1730	"	1006·3	1005·4	...	83·3	77·2	74·4	29·1	75	...	3·5	...	13·3	0	16	14	0	0	0	0	0	4	19	7	0
	2330	"	1008·2	1007·3	...	80·4	76·3	74·3	29·1	82	...	2·2	...	8·9	0	4	25	0	0	0	1	0	4	17	7	1
Mahuva	0830	51	1008·1	1006·3	...	78·0	75·6	74·5	29·1	89	...	4·2	...	2·7	0	0	25	0	0	0	0	0	1	23	1	5
	1730	"	1005·5	1003·7	...	84·1	77·9	75·3	29·8	71	...	4·0	...	14·3	0	21	9	0	0	0	0	1	25	4	0	0
Bhavnagar	0830	55	1009·0	1007·1	+1·2	77·7	74·7	73·0	28·0	87	+12	3·1	−1·5	3·9	0	0	30	1	0	0	0	2	14	10	3	0
	1730	"	1005·5	1003·6	...	86·7	77·3	72·8	27·8	65	...	4·1	...	3·9	0	0	30	1	1	0	11	2	13	0	2	0
Bhavnagar (Aerodrome)	0830	35	1008·6	1007·4	...	80·0	76·0	74·2	28·8	83	...	3·1	...	6·9	0	1	28	0	0	0	0	0	9	18	2	1
	1130	"	1008·6	1007·4	...	86·7	77·3	72·8	27·7	64	...	4·6	...	7·2	0	1	28	4	0	1	0	1	4	16	3	1
Konkan																										
Dahanu	0830	15	1008·7	1008·2	...	78·8	76·8	75·7	30·6	91	...	5·3	...	6·8	0	0	30	0	0	11	12	0	2	4	1	0
	1730	"	1006·3	1005·8	...	83·3	79·2	77·4	32·2	83	...	4·2	...	11·4	0	7	23	1	0	0	0	0	3	19	7	1
Bombay (Colaba)	0830	35	1009·2	1008·0	+0·3	80·4	76·8	75·2	29·8	85	0	4·7	−1·0	4·4	0	0	27	0	2	11	4	1	2	5	2	2
	1130	"	1009·6	1008·4	...	84·2	78·1	75·4	30·1	75	...	5·2	...	4·3	0	1	23	1	0	2	2	4	4	8	3	1
	1730	"	1006·8	1005·6	...	82·6	77·3	74·8	29·6	78	...	4·8	...	8·3	0	1	29	0	0	0	0	0	1	16	13	1
Bombay (Santa Cruz Aerodrome)	0230	27	1007·8	1006·9	...	76·5	74·8	73·9	28·7	92	...	4·3	...	2·0	0	0	11	1	0	2	3	0	1	3	1	1
	0530	"	1007·7	1006·8	...	76·1	74·6	73·9	28·6	93	...	4·2	...	1·9	0	1	13	0	2	3	3	1	2	2	1	1
	0830	"	1009·3	1008·4	+0·4	79·8	76·3	74·9	29·4	85	0	5·5	−0·2	3·1	0	0	21	1	1	9	4	0	3	2	1	1
	1130	"	1009·7	1008·8	...	84·1	77·0	73·6	28·5	71	...	5·8	...	7·1	0	0	26	4	0	1	0	0	3	11	7	1
	1730	"	1006·8	1005·9	...	82·9	76·1	73·2	27·7	73	...	5·3	...	10·9	0	5	25	2	0	0	0	0	1	11	16	1
	2330	"	1009·0	1008·1	...	77·7	75·1	73·9	28·6	89	...	3·3	...	2·3	0	0	15	4	1	2	2	0	2	2	2	1
Alibag	0830	23	1009·5	1008·7	+0·4	78·9	76·4	75·2	29·9	89	+6	5·7	−0·1	5·7	0	2	28	1	6	8	8	0	1	6	0	1
Harnai	0930	66	1009·4	1007·1	...	79·6	75·7	74·0	28·6	83	...	5·3	...	4·1	0	0	28	4	7	5	1	1	2	5	3	1
	1730	"	1007·1	1004·8	...	81·4	76·5	74·4	28·9	79	...	5·2	...	10·3	0	10	20	2	0	0	0	0	3	12	13	1
Ratnagiri	0830	116	1009·6	1005·6	+0·2	78·7	75·7	74·4	29·0	87	...	5·8	...	...	0	0	30	1	3	15	1	0	5	4	1	1
	1730	"	1007·2	1003·2	...	81·5	76·7	74·5	29·5	80	...	5·8	...	...	0	8	22	1	0	0	0	0	11	14	4	
Devgad	0830	117	1009·8	1005·8	...	77·9	75·8	74·8	29·5	91	...	6·0	...	6·4	0	2	26	1	4	9	1	0	2	1	10	
	1730	"	1007·2	1003·2	...	81·8	77·7	75·8	30·5	83	...	6·2	...	12·7	0	14	16	2	0	0	0	0	1	5	22	
Vengurla	0230	29	1008·6	1007·6	...	76·1	74·7	74·2	28·7	94	...	5·4	...	...	0	0	4	2	0	0	0	0	0	0	2	1
	0530	"	1008·5	1007·5	...	75·4	74·2	73·4	28·3	94	...	4·9	...	...	0	0	4	1	0	0	0	0	1	1	1	1
	0830	"	1010·4	1009·4	...	78·5	75·8	74·5	29·2	88	...	6·3	...	...	0	0	5	2	0	0	0	0	1	1	1	1
	1130	"	1010·4	1009·4	...	83·2	77·3	74·6	29·3	75	...	5·9	...	...	0	0	15	4	0	0	0	0	3	5	3	1
	1730	"	1007·7	1006·7	...	81·8	76·5	74·3	28·8	78	...	6·0	...	...	0	0	14	1	0	0	0	0	1	10	2	1
	2330	"	1010·0	1009·0	...	77·2	75·4	74·6	29·2	91	...	4·9	...	...	0	0	7	2	0	0	0	0	1	3	1	1
Marmagao	0830	202	1010·1	1003·1	+0·2	78·8	75·7	74·5	29·1	86	−1	5·2	−0·5	4·4	0	0	30	7	5	0	2	4	2	7	3	
	1730	"	1007·4	1000·4	...	80·8	76·1	74·0	28·6	80	...	5·2	...	7·1	0	0	30	0	0	0	0	0	1	18	11	
Karwar	0830	13	1010·2	1009·7	+0·2	77·8	76·1	75·2	30·0	92	...	5·9	...	...	0	0	8	0	1	0	0	0	3	2	2	1
	1730	"	1007·6	1007·1	...	81·1	77·8	76·2	31·0	86	...	5·5	...	...	0	0	25	0	0	0	0	0	2	5	18	
Honavar	0830	85	1010·6	1007·7	...	77·3	75·8	74·8	29·8	92	...	6·6	...	1·5	0	0	20	0	1	13	2	0	0	2	2	1
	1730	"	1007·8	1004·9	...	81·2	77·0	75·3	29·8	82	...	6·5	...	2·7	0	0	25	0	0	2	1	0	0	13	9	
Deccan (Desh)																										
Jalgaon	0830	660	1008·5	985·7	...	78·7	74·3	72·4	26·9	83	...	4·1	...	9·1	0	3	27	0	0	0	0	0	2	19	9	
	1730	"	1003·7	981·5	...	88·7	76·2	69·9	25·2	55	...	3·9	...	7·5	0	2	27	3	0	0	0	1	3	11	11	
Malegaon	0830	1,432	...	...	...	77·6	72·0	68·9	24·3	75	−1	3·7	−0·6	0·9	0	0	12	0	0	0	0	0	0	9	3	1
	1730	"	...	...	...	82·7	73·6	68·6	24·2	65	...	4·7	...	1·3	0	0	18	4	2	1	0	1	1	9	0	1
Deolali	0830	1,875	897·6	945·6	...	73·5	70·6	69·1	24·4	86	...	5·5	...	4·5	0	0	22	0	0	0	0	1	15	6	0	
Ahmednagar	0830	2,154	898·4	936·3	+0·3	73·3	69·5	67·5	23·0	82	+4	5·0	+0·6	2·9	0	0	30	1	0	0	0	0	7	1	21	
	1730	"	895·6	932·9	...	81·5	71·4	66·3	22·1	62	...	6·1	...	3·9	0	0	28	0	4	0	0	0	5	0	19	
Poona	0530	1,835	895·8	945·5	...	70·4	68·6	67·7	23·1	91	...	3·9	...	0·7	0	0	6	0	0	0	0	0	1	5	0	
	0830	"	897·6	947·1	+0·3	74·2	70·3	68·5	23·7	82	+1	5·0	−0·4	1·2	0	0	15	0	0	0	0	0	1	11	3	

sion 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, miles per hour.	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
(Desh)—*contd.*																										
—contd. . . .	1130	1,835	898·2	946·9	...	81·4	72·4	67·9	23·5	64	...	5·4	...	3·4	0	0	22	0	0	0	1	0	8	7	6	8
	1730	"	895·5	944·3	...	79·4	72·1	68·6	24·0	70	...	5·7	...	4·2	0	0	28	0	0	0	0	0	3	16	9	2
	2330	"	897·3	946·8	...	72·7	70·0	68·5	24·0	87	...	3·9	...	1·3	0	0	16	0	0	0	0	0	2	13	1	14
(Lohagaon Aerodrome)	0230	1,947	896·4	942·0	...	70·4	68 8	68·2	23·4	92	...	4·3	...	2·6	0	1	17	0	0	0	0	0	0	13	5	12
	0530	"	896·1	941·7	...	69·3	67·6	67·1	22·4	93	...	4·3	...	2·5	0	0	20	1	0	0	0	0	0	13	6	10
	0830	"	897·9	943·3	...	73·4	69·6	67·6	23·2	82	...	5·2	...	5·1	0	0	29	0	0	1	0	0	1	20	7	1
	1130	"	898·7	943·3	...	81·4	71·6	66·9	22·5	62	...	5·7	...	9·9	0	10	18	1	0	0	1	0	0	21	5	2
	1730	"	895·7	940·4	...	78·8	71·1	67·1	22·9	69	...	6·0	...	16·0	0	22	7	1	0	0	0	0	0	20	8	1
	2330	"	897·6	943·1	...	71·6	69·2	67·8	23·4	89	...	4·9	...	4·8	0	1	24	0	0	0	0	0	0	19	6	5
. . . . .	0830	1,709	897·0	950·8	...	74·9	71·1	69·0	24·5	83	...	4·8	...	6·5	0	1	29	2	2	1	0	0	0	12	13	0
	1730	"	894·2	946·9	...	83·5	73·1	68·0	23·6	62	...	5·7	...	6·9	0	4	25	5	3	2	0	1	0	8	10	1
our	0530	1,570	1007·8	954·3	...	72·4	70·2	69·0	24·4	89	...	6·3	...	1·7	0	0	20	3	1	0	0	0	1	7	8	10
	0830	"	1008·9	955·6	+0·3	75·8	71·7	69·7	24·9	82	+5	5·3	+0·3	1·5	0	0	22	2	4	0	0	0	11	2	3	8
	1130	"	1008·0	955·4	...	82·1	73·7	69 8	24·9	68	...	6·5	...	3·5	0	0	27	6	3	0	0	1	3	7	7	3
	1730	"	1003·9	951·6	...	83·3	73·7	68·9	24·5	64	...	6·7	...	1·6	0	0	20	2	9	1	0	0	4	1	3	10
	2330	"	1008·4	955·1	...	75·0	71·7	70·1	25·2	85	...	5·8	...	1·4	0	0	13	0	0	0	0	0	3	5	5	17
. . . . .	0830	1,817	897·9	948·1	+0·3	73·1	70·2	68·8	24·0	86	+3	6·0	−0·3	6·3	0	0	28	2	0	1	1	1	5	11	7	2
	1730	"	895·8	945·0	...	80·3	72·3	68·5	23·8	68	...	6·7	...	12·4	0	14	16	1	1	0	0	0	3	17	8	0
pur	0530	1,870	896·2	944·5	...	70·1	68·7	68·2	23·4	93	...	5·8	...	3·1	0	0	21	0	0	1	0	0	0	20	0	9
	0830	"	897·9	946·1	..	72·9	69·9	68·4	23·7	86	...	5·4	...	3·7	0	0	21	1	0	1	0	0	0	17	2	9
	1130	"	898·5	946·0	...	79·4	71·9	68·2	23·7	69	...	6·2	...	6·9	0	4	20	0	2	2	0	0	0	18	2	6
	1730	"	895·7	943·2	...	77·8	71·6	68·7	23·9	74	...	6·3	...	13·1	0	17	13	1	0	0	0	0	1	27	1	0
r	0830	1,950	898·1	943·2	+0·1	74·4	70·4	68·3	23·8	81	+3	5·8	+1·0	3·3	0	0	29	8	1	0	0	0	2	9	9	1
	1730	"	895·1	939·3	...	83·1	72·7	67·6	23·2	61	...	7·1	...	3·5	0	0	30	1	5	0	0	0	2	12	10	0
im	0830	2,562	900·5	924·3	+0·7	69·0	67·8	67·1	22·8	93	+4	6·0	+0·1	1·9	0	0	20	5	0	1	1	5	2	5	1	10
	1730	"	898·2	921·5	...	74·4	70·1	68·3	23·4	82	...	7 2	...	1·5	0	0	17	2	0	0	1	5	1	5	3	13
im (Sambre Aerodrome)	0530	2,497	898·4	924·5	...	67·9	67·1	66·7	22·3	95	...	6 6	...	4·1	0	0	28	1	1	0	0	0	0	24	2	2
	0830	"	899·7	925·7	...	71·6	68 7	67·3	22·8	87	...	6 4	...	8·7	0	7	19	1	1	0	0	0	0	18	6	4
	1130	"	900·0	925·7	...	76·7	70·2	66·7	22·6	71	...	6·7	...	10 4	0	12	15	2	1	0	1	0	1	17	5	3
	1730	"	897·8	923·6	...	74·4	70·1	67·9	23·4	80	...	6·9	...	15 6	0	20	10	0	0	0	0	0	1	26	3	0
;	0830	2,131	899·2	937·5	0	73·3	69·7	67·9	23·4	83	+1	6·9	+1·5	7·5	0	0	30	0	0	2	0	0	2	25	1	0
	1730	"	896·3	934·4	...	79 3	71·5	68·2	23·1	69	...	7 5	...	8·6	0	4	26	0	0	0	0	1	1	26	2	0
: (P. B. O.) . .	0530	2,167	897·5	935·0	...	70 7	68·9	68·2	23·4	92	...	6·3	...	...	0	0	22	0	0	0	0	0	2	20	0	8
	0830	"	899·2	936·5	...	74·1	70·6	69·2	24·2	85	...	6·5	...	...	0	0	25	0	0	0	0	0	2	22	1	5
	1130	"	899 5	936·4	...	80·0	72·7	69·8	24·5	71	...	6 7	...	...	0	0	25	0	0	0	0	0	2	19	4	5
	1730	"	896·3	933·2	...	79·2	72·4	69 7	24·4	73	...	7·0	...	...	0	3	22	0	1	0	0	0	6	18	0	5
	2330	"	898·8	936·3	...	72·3	69·9	69 0	24·0	89	...	6·0	...	...	0	0	29	0	0	0		0	4	25	0	1
ad, North																										
abad	0830	1,905	897·5	944·3	0	72·9	70·3	68·8	24·3	87	+9	4·1	−1·2	4 7	0	2	24	0	1	0	0	1	4	18	2	4
	1730	"	895·1	940·9	...	82·3	73 9	70·0	25·1	68	...	5·7	...	9·7	0	8	21	7	2	0	0	1	2	8	9	1
abad (Chikalthana drome).	0230	1,898	895·6	942·7	...	71·6	69·4	68·3	23·7	89	...	4·7	...	8·1	0	2	26	1	0	0	0	0	1	11	15	2
	0530	"	895·6	943·1	...	69 8	68·3	67·5	23·0	92	...	4·0	...	7·5	0	0	29	1	0	0	0	0	1	14	13	1
	0830	"	897·6	944·5	...	75·5	70 6	68·1	23·6	78	...	4·7	...	8·1	0	1	29	1	0	0	0	0	1	14	14	0
	1130	"	898·1	944·3	...	82·3	72·5	67·8	23 3	62	...	5·8	...	7·6	0	0	29	6	0	1	1	0	0	4	17	1
	1730	"	894·9	941·0	...	82·3	72·1	67·6	22·8	63	...	5·6	...	8·3	0	2	28	11	0	0	0	0	1	6	12	0
	2330	"	896·9	943·9	.	73·5	70·3	68 6	24·1	85	...	4·7	...	6·3	0	2	26	0	0	0	0	0	0	12	16	2
ni	0830	1,389	1008·4	961·2	...	76·4	72·8	71·1	26·7	83	...	4·8	...	4·9	0	0	26	1	1	0	0	0	2	11	11	4
	1730	"	1003·7	957·3	...	83·5	74·4	69·6	25·0	66	...	6·1	..	4·1	0	0	26	3	2	0	1	0	3	6	11	4
undam	0830	513	1006·6	989·0	...	79·7	76·6	75·2	29·9	86	...	6·1	...	2·5	0	0	26	3	0	1	0	2	0	4	16	4
	1730	"	1002·7	985·3	...	85·2	78·3	75 0	29·9	73	...	7·1	...	2 7	0	0	22	5	1	0	1	2	2	3	8	8
ibad	0830	1,250	1007·5	965·1	+0·2	78·0	74·5	72·7	27·6	84	+4	4·7	+0·1	0·3	0	0	3	0	0	0	0	0	2	1	0	27
	1730	"	1003·4	961·5	...	83·9	76·7	73·2	28·1	71	...	5·8	...	1·4	0	0	11	0	0	0	0	0	5	1	5	19
. . . .	0830	2,178	897·6	934·6	...	73·6	70·8	69 4	24·6	87	+4	6·1	+1·3	10·1	0	6	24	0	0	0	1	0	1	18	10	0
	1730	"	895·2	971·5	...	80·1	72·8	69·4	24·6	71	...	6·6	..	7·7	0	1	29	5	1	2	0	0	0	3	14	0
ad, South																										
ta	0830	1,503	1008·6	957·5	+0·1	75·4	72·1	70·5	25·6	85	+7	6·2	+1·3	10·4	0	3	27	3	2	0	0	0	2	16	7	0
	1730	"	1003·8	953·6	...	82·9	74·3	69·9	25·5	67	...	6·3	...	9·7	0	2	28	3	3	0	1	2	3	10	8	0
. . . . .	0830	1,311	1008 9	964·3	+0·2	75·9	72·4	70·7	25·6	83	+7	6·7	+2·6	7·4	0	0	29	0	0	0	0	1	6	13	9	1
	1730	"	1004·1	960·2	...	83·5	74·3	69·5	24·8	64	...	7·2	...	6 9	0	1	29	3	2	0	1	1	1	7	15	0

(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.			Mean temperature in °F.			Vapour pressure in mbs.	Relative humidity %.		Cloud amount (Oktas).		Mean wind speed, miles per hour.	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
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
Hyderabad, South—*contd.*																									
Mahbubnagar	0830	1,657	896·4	952·1	...	75·3	72·2	70·8	25·7	86	...	6·5	...	7·8	0	3	26	2	1	0	1	0	2	12	11
	1730	"	893·9	948·8	...	81·1	74·4	71·8	26·3	73	...	7·3	...	7·0	0	1	29	2	2	2	1	0	4	8	11
Hyderabad (Begumpet Aerodrome).	0230	1,787	894·5	945·5	...	73·1	71·6	71·0	25·8	93	...	6·0		6·3	0	3	23	2	0	0	2	0	1	11	10
	0530	"	894·5	945·6	...	72·1	70·8	70·1	25·2	94	...	5·6		6·8	0	2	25	0	0	1	1	0	0	13	12
	0830	"	896·7	947·6	+0·3	75·4	72·3	71·0	25·9	86	+6	6·3	+1·0	9·1	0	2	28	1	0	0	1	2	0	12	14
	1130	"	896·8	947·2	...	80·4	74·2	71·4	26·3	75	...	6·6	...	11·1	0	7	23	2	1	0	2	0	1	8	16
	1730	"	894·1	944·4	...	80·0	73·8	70·8	25·9	75	...	7·0	...	9·7	0	3	27	8	1	2	0	0	2	7	10
	2330	"	896·0	947·0	...	74·3	72·4	71·5	26·4	91	...	6·4	...	5·0	0	0	21	2	1	0	1	2	2	9	4
Hakimpet	0530	2,012	895·1	938·1	...	71·7	70·3	69·7	24·7	93	...	5·5	...	8 0	0	7	19	0	0	0	1	0	0	19	6
	0830	"	897·0	939·8	...	75·1	72·1	70·8	25·7	86	...	6·4	...	12·5	0	15	15	3	0	0	3	0	0	15	9
	1130	"	897·3	939·6	...	80·3	73·9	71·0	25·9	74	...	6·5	...	12·8	0	17	13	3	1	0	3	0	0	6	17
	1730	"	894·4	936·7	...	79·0	73·4	70·8	25·9	77	...	6·7	...	9·9	0	6	24	6	1	2	1	0	0	11	9
Hanamkonda	0830	881	1007·2	977·2	−0·1	79·0	75·5	73·9	28·6	85	+8	5·4	+0·4	6·7	0	1	29	6	0	0	1	3	1	5	14
	1730	"	1003·7	974·0	...	83·1	77·4	74·7	29·5	77	...	5·8	...	3·5	0	0	30	11	2	4	3	0	1	3	6
Bhadrachallam	0830	364	1006·9	994·4	...	80·6	77·6	76·3	31·0	87	...	6·4	...	3·0	0	0	27	2	2	2	2	1	5	5	8
	1730	"	1003·5	991·1	...	83·0	78·1	76·0	30·7	80	...	7·5	...	3·5	0	0	27	4	3	3	3	1	6	3	4
Khammameth	0830	367	1007·0	994·4	...	80·5	77·4	75·9	30·7	86	...	5·9	...	2·3	0	0	24	6	0	0	5	0	0	11	2
	1730	"	1003·3	991·2	...	83·4	78·4	75·7	30·9	77	...	6·8	..	2·5	0	0	26	7	2	2	4	0	1	4	6
Coastal Andhradesa																									
Nellore	0530	65	1005·9	1003·6	...	79·0	75·3	73·6	27·3	84	..	5·4	...	3·6	0	0	26	0	0	1	0		3	15	2
	0830	"	1007·5	1005·3	−0·3	83·2	76·6	73·7	28·3	73	+3	5·8	+0·4	4·3	0	0	28	1	0	0	3	1	2	15	6
	1130	"	1006·6	1004·5	...	89·2	77·8	72·6	27·3	59	...	5·9	...	5·5	0	0	29	0	1	0	2	0	0	20	6
	1730	"	1003·9	1001·7	...	88·2	77·9	73·2	27·9	62	...	6·1	...	4 5	0	0	28	0	0	5	2	2	0	12	7
	2390	"	1006·8	1004·5	...	82·2	77·4	75·4	29·9	80	...	4·8	...	2·7	0	0	20	1	0	4	5	3	0	6	1
Ongole	0830	38	1007·1	1005·8	...	81·5	76·8	74·3	29·3	80	...	5·9	...	3 5	0	0	22	1	0	1	0	0	3	15	2
	1730	"	1003·5	1002·2	...	86·7	78·3	75·5	29·2	69	...	6·3	...	5·4	0	0	29	0	1	3	6	0	2	12	5
Gannavaram	0530	88	1005·3	1002·3	...	77·7	76·0	75·2	29·9	92	...	6·0	...	4·7	0	2	20	0	0	2	0	0	3	15	2
	0830	"	1007·1	1004·1	...	82·2	77·6	75·5	30·2	81	...	6·4	...	7·7	0	2	26	0	0	2	1		3	17	4
	1130	"	1006·4	1003·4	...	87·5	79·0	74·9	29·9	68	...	6·5	...	9·7	0	7	23	0	0	0	3	1	4	11	11
	1730	"	1003·6	1000·6	...	84·8	78·2	75·2	29·9	74	...	7·0	...	7·5	0	3	25	4	2	0	3	2	0	10	6
	2330	"	1006·4	1003·4	...	79·4	77·3	76·4	31·0	91	...	5·9	...	4·1	0	3	14	1	0	2	0	1	2	8	3
Masulipatam	0230	10	1004·7	1004·4	...	79·9	78·4	77·7	32·5	93	...	5·0	...	4 8	0	0	27	1	0	0	2	0	7	13	4
	0530	"	1005·1	1004·9	...	78·9	77·4	76·8	31·4	93	...	6·1	...	4·5	0	1	24	0	0	1	1	0	1	11	11
	0830	"	1006·8	1006·5	−0·5	81·7	78·5	76·8	31·9	86	+5	6·6	+1·2	5·9	0	0	25	1	0	1	0	2	2	12	7
	1130	"	1006·3	1006·0	...	84·5	79·6	77·5	32·3	80	...	6·6	...	7·5	0	2	26	0	0	1	1	1	3	9	13
	1730	"	1003·4	1003·1	...	85·0	79·9	77·3	32·5	79	...	7·1	...	6·7	0	2	26	1	1	0	2	3	1	11	9
	2330	"	1006·3	1006·0	...	80·9	78·9	78·0	32·8	91	...	5·2	...	2·9	0	0	19	2	0	0	2	2	2	8	3
Kakinada	0830	26	1006·3	1005·4	−0·5	84·6	79·1	76·5	31·5	76	−4	6·0	+0·6	5·9	0	0	30	0	1	0	1	0	26	1	1
	1730	"	1003·1	1002·2	...	85·7	79·6	77·1	31·8	76	...	6·5	...	5·4	0	0	29	0	1	1	2	0	22	1	2
Visakhapatnam	0230	11	1003·9	1003·5	...	79 6	78·0	77·3	32·2	93	...	5·5	...	1·1	0	0	11	1	0	0	0	0	0	5	5
	0530	"	1004·0	1003·6	...	78·8	77·5	77·1	31·6	94	...	5·6	...	0 4	0	0	5	0	0	0	0	0	1	1	3
	0830	"	1005·7	1005·3	−0·6	83·3	78·9	77·1	31·8	82	+1	6·2	+0·4	1·5	0	0	10	2	0	0	1	0	1	2	4
	1130	"	1005 1	1004 8	...	87·8	80·4	77·4	32·1	72	...	6·8	...	4·1	0	1	20	1	1	2	6	3	4	3	1
	1730	"	1003·1	1002·6	...	83·5	79·0	77·1	31·8	81	...	6·8	...	5·5	0	1	24	1	0	2	3	6	7	1	5
	2330	"	1005·3	1004·9	...	80·7	78·6	77·4	32·4	91	...	4·9	...	1·4	0	0	11	1	0	0	0	0	2	2	6
Calingapatam	0830	19	1005·6	1004·9	−0·5	81·1	78·[illegible]	76·9	31·7	87	+4	7·2	+2·7	4 3	0	0	30	1	0	1	0	1	2	13	12
	1730	"	1002·8	1002·1	...	84·9	79·7	77·3	32·3	78	...	6·9	..	5·1	0	0	30	0	1	4		6	7	5	1
Rentachintala	0830	348	1007·0	995·1	...	79·9	76·2	74·6	29·2	84	+14	6·4	+0·6	1·5	0	0	13	0	0	0	0	1	0	12	0
	1730	"	1003·5	991·6	...	85·0	77·4	73·8	28·5	71	...	7·5	...	2·9	0	0	24	4	0	2	0	0	1	17	0
Rayalaseema																									
Arogyavaram	0830	2,299	899·2	931·9	...	74·2	69·0	66·3	22·2	77	...	7·0	...	6·7	0	0	26	1	0	0	0	0	1	11	13
	1730	"	896·2	928·4	...	80·3	70·5	65·2	21·5	61	...	7·2	...	4 5	0	0	30	5	1	0	2	0	1	7	14
Cuddapah	0830	428	1009·2	994·5	+0·3	81·7	74·5	71·1	25·9	71	; 0	7·2	+1·8	0·9	0	0	14	0	0	0	1	0	0	13	0
	1730	"	1004·2	989·7	...	85·9	77·3	72·7	28·1	66	...	7·4	..	0·4	0	0	6	0	0	0	0	0	0	6	6
Bellary	0830	1,473	1008·6	958·7	−0·3	76·8	71·7	69·1	24·2	77	+7	6·2	+1·2	4·3	0	0	28	3	1	0	0	0	1	4	19
	1730	"	1003·8	954·7	...	83·3	72·9	67·2	22·9	58	...	6 7	...	4·9	0	0	29	1	2	0	0	0	6	0	20

rision 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, miles per hour.	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
eema—*contd.*																										
ol	0830	923	1008 8	977·2	+0·2	76·8	73·4	71·7	26 6	85	+10	6·3	+0·9	8·2	0	4	20	0	0	0	0	0	7	17	0	6
	1730	"	1004·0	972·7		84·4	76·0	72·1	26·8	68	...	6·5	...	3·1	0	2	7	0	0	0	0	0	3	6	0	21
apur	0530	1,147	1007·1	967·9	...	74·5	70·7	68·7	21·8	83	...	6·3	...	3·7	0	1	16	0	0	0	0	0	0	15	2	13
	0830	"	1008·9	969·7	...	76·9	72·0	69·4	24·6	78	...	7·0	...	5·9	0	2	22	0	0	0	0	0	3	20	1	6
	1130	"	1007·8	969·2	...	82·7	73·4	68·5	23·9	63	...	6·7	...	5·9	0	1	26	1	0	0	0	0	5	18	3	3
	1730	"	1003·8	965·4	...	84·6	74·1	68·5	24·0	61	...	7·0	...	4·9	0	3	18	2	1	0	0	0	1	9	8	9
	2330	"	1007.8	968·8	...	77·9	72·7	70·2	25·2	77	...	6 4	...	5·7	0	3	16	0	0	0	0	0	0	18	1	11
ıd																										
mcottai	0830	167	1009·4	1003·6	...	85·5	76·3	71·8	26·8	64	...	4·6	...	7·6	0	4	25	2	1	0	0	0	0	15	11	1
	1730	"	1005·7	1000·0	...	88·8	76·6	70·1	26·0	56	...	5·2	...	7·6	0	5	25	2	0	2	1	0	5	18	2	0
n	0830	37	1009·3	1008·0	−0·1	83·7	77·4	74·6	29·1	74	+3	4·8	+1·9	4·2	0	1	27	2	0	2	0	8	12	1	3	2
	1730	"	1006·1	1004·8	...	83·4	77·7	75·4	29·8	76	...	4·2	...	12·7	0	10	20	0	0	0	4	19	6	1	0	0
rai	0830	437	1009·0	994·1	+0·4	82·7	73·8	69·2	24·6	64	−2	4·6	−0·2	2·5	0	0	27	5	1	0	0	0	1	3	17	3
	1730	"	1004·8	990·1	...	89·7	76·3	69·7	24·9	53	...	5·8	...	2·0	0	0	21	1	4	1	2	2	2	6	3	9
ıttinam	0830	31	1009·1	1008·0	−0·1	81·6	75·6	72·7	27·5	75	+3	5·6	+1·4	5·5	0	0	28	0	0	0	0	0	6	20	2	2
	1730	"	1005·3	1004·2	...	87·1	78·3	74·3	29·1	66	...	5·2	...	7·7	0	2	26	1	1	3	8	3	11	1	0	2
irapalli	0230	289	1007·1	997·1	...	78·3	72·5	69·5	24·7	76	...	4·8	...	12·2	0	10	18	4	0	0	0	1	3	17	3	2
	0530	"	1007·3	997·2	...	76·9	72·3	69·9	25·0	80	...	4·8	...	9·5	0	9	17	0	0	0	0	0	2	20	4	4
	0830	"	1008·8	998·9	−0·5	80·9	73·6	69·8	25·0	69	−3	5·8	+1.6	15·0	0	17	13	0	0	0	0	0	0	27	3	0
	1130	"	1008·0	998·2	...	87·3	75·7	69·8	25·1	57	...	5·4	...	16·7	0	24	6	0	0	0	0	0	0	22	8	0
	1730	"	1004·3	994·5	...	90·5	76·2	68·6	24·4	50	...	5·9	...	10·3	0	10	20	3	0	1	2	3	3	11	7	0
	2330	"	1008·7	998·7	...	79·4	73·6	70·0	25·7	73	...	4·7	...	8 7	0	10	13	0	0	0	1	1	4	15	2	7
ıtore	0830	1,341	1010·5	964·8	+0·6	76·4	70·9	67·9	22·0	75	+6	5·4	+1·5	11·1	0	8	22	0	0	0	0	0	15	15	0	0
	1730	"	1006·1	961·2	...	82·4	72·7	67·3	23·1	61	...	6·6	...	13·6	0	16	14	0	0	0	0	0	15	15	0	0
ıtore (Peelamedu Aero-e).	0530	1,307	1008·1	963·4	...	71·6	70·3	69·6	24·7	93	...	5·2	...	8·3	0	3	25	0	0	0	0	12	14	2	0	2
	0830	"	1009·7	965·2	...	75·8	71·4	69·0	24·3	80	...	5·7	...	7·3	0	3	22	0	0	0	0	17	8	0	0	5
	1130	"	1008·1	964·3	...	83·9	73·1	67·3	23·0	58	...	6·0	...	9·3	0	6	21	0	0	0	0	12	14	1	0	3
	1730	"	1005·1	961·3	...	82·0	73·1	68·3	23·8	64	...	6·6	...	17·5	0	26	4	1	0	1	0	11	17	0	0	0
	2330	"	1009·1	964·5	...	73·5	71·3	70·1	25·2	89	...	5·2	...	14·1	0	1	12	0	0	0	0	14	15	0	0	1
	0530	913	1007·4	976·1	...	74·4	71·4	69·9	25·0	86	...	4·5	...	2·9	0	0	25	0	0	0	0	0	23	2	0	5
	0830	"	1009·5	978·3	−0·2	77·4	72·5	69·8	25·0	79	+1	5·2	+0·5	3·7	0	0	29	0	0	0	0	0	24	5	0	1
	1130	"	1008·3	977·5	...	83·7	74·3	69·4	24·7	63	...	4·0	...	3·6	0	0	30	0	0	0	0	0	15	12	3	0
	1730	"	1004·4	973·9	...	87·2	74 9	68·3	24·0	55	...	5·2	...	1·1	0	0	13	2	0	1	0	1	1	7	1	17
	2330	"	1008·3	977·3	...	79·5	73·5	70·4	25·5	75	...	4·9	...	2·4	0	0	19	0	0	0	0	0	15	4	0	11
richi	0830	416	1008·3	994·0	...	81·1	74·3	70·9	25·9	72	...	5·0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	1730	"	1004·3	990·2	...	87·5	75·9	70·1	25·4	58	...	5·9	...	...	...	...	...	...	...	...	...	...	...	...	...	...
ıre	0530	39	1006·5	1005·1	...	77·9	74 0	72·0	26·9	83	...	5·0	...	1·9	0	0	11	0	0	0	1	0	6	4	0	19
	0830	"	1008·5	1007·2	−0·3	82·1	75·5	72 3	27·2	72	−3	5·1	+0·5	2·8	0	0	24	0	1	0	0	0	20	2	1	6
	1130	"	1007·8	1006·5	...	88·3	76·9	71 7	26·4	59	...	5·3	...	3·5	0	0	27	0	1	0	1	2	15	2	6	3
	1730	"	1004·7	1003·4	...	86·3	77·9	74·0	28·8	68	...	6·0	...	3·0	0	0	24	0	0	1	13	1	5	3	1	6
	2330	"	1007·8	1006·5	...	80·6	76·6	75 0	29·5	83	...	4 5	...	3·9	0	3	14	0	0	0	1	6	8	1	1	13
	0530	703	1006·7	982·6	...	77·4	72·3	69·8	24·8	78	...	6·7	...	3·7	0	0	23	4	0	0	0	1	1	8	9	7
	0830	"	1008·4	984·5	+0·1	80·2	73·5	70·3	25·2	72	−1	6·7	+2·7	5·1	0	0	28	2	0	0	0	1	2	9	14	2
	1130	"	1007·1	983·5	...	87·1	75·4	69·5	24·7	57	...	6·2	...	6·5	0	0	30	1	1	0	0	1	1	13	13	0
	1730	"	1004·2	980·6	...	86·5	75·4	69·9	25 0	61	...	7·1	...	5·2	0	0	27	1	1	0	0	4	6	8	7	3
	2330	"	1007·7	983·7	...	79 7	74·3	71·5	26·5	77	...	6·5	...	1·9	0	0	12	0	0	0	0	4	5	0	3	18
	0230	51	1006·1	1004·3	...	79·8	76·6	75·2	29·8	86	...	6·3	...	4·7	0	0	23	1	1	1	1	4	5	8	2	7
	0530	"	1006·3	1004·6	...	79·1	75·1	74·2	27·9	85	...	7·2	...	4·5	0	1	21	1	0	1	0	2	3	11	4	8
	0830	"	1008·2	1006·5	0	82·1	76·1	73·5	28·0	76	+4	6·0	+1·0	6·5	0	2	24	2	0	0	0	1	7	14	2	4
	1130	"	1007·3	1005·5	...	88·6	77·2	71·8	26·6	58	...	5·6	...	10·4	0	9	20	0	0	1	0	3	2	17	6	1
	1730	"	1004·6	1002·9	...	86 1	77·8	73·8	28·6	68	...	6·3	...	5·9	0	0	25	0	1	4	10	3	2	2	3	5
	2330	"	1007·5	1005·8	...	81·6	77·5	75·7	30·3	82	...	5·8	...	4·1	0	0	23	1	0	2	2	8	6	4	0	7
Nungambakkam)	0830	21	1007·6	1006·9	...	82·5	76·2	73·1	28·0	75	...	5·8	...	3·3	0	0	28	0	0	0	0	0	17	7	4	2
nd South Kanara																										
re	0230	72	1009·2	1006·7	...	76·3	74·9	74·1	29·1	93	...	5·7	...	3·0	0	0	20	4	2	7	1	0	0	3	3	10
	0530	"	1009·1	1006·7	...	75·3	74·3	73·7	28·5	95	...	6 2	...	2·3	0	0	19	1	3	12	1	0	0	0	2	1
	0830	"	1010·9	1008·4	+0·1	78·1	75·7	74·5	29 2	89	+1	6·8	+1·0	2·3	0	0	22	0	4	15	3	0	0	0	0·	8
	1130	"	1010·7	1008·2	...	82 2	76·9	74·4	29·2	79	...	5·9	...	3·1	0	0	26	4	0	1	0	0	3	15	3	4
	1730	"	1008·0	1005·5	...	81·2	76·5	74·4	29·0	80	...	6·4	...	4·6	0	0	28	2	0	0	0	1	1	12	12	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,			Vapour pressure in mbs.	Relative humidity %.		Cloud amount (Oktas).		Mean wind speed, miles per hour	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
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
Malabar and South Kanara— *contd.*																									
Mangalore—*contd.*	2330	72	1010·6	1008·1	...	77·7	75·6	74·7	29·3	91	...	5·5	...	1·1	0	0	10	2	1	0	0	0	0	6	
Kozhikode	0530	27	1008·8	1007·9	...	76·0	74·0	73·0	27·8	91	...	4·3	...	0·9	0	0	11	1	5	4	0	0	0	0	
	0830	"	1010·7	1009·9	0	79·7	75·9	74·1	28·8	83	−5	4·9	−0·5	2·8	0	0	29	4	6	2	0	1	1	6	
	1130	"	1010·7	1009·8	...	84·2	77·8	75·0	29·7	76	...	4·9	...	5·0	0	0	30	0	0	0	0	1	4	14	1
	1730	"	1007·8	1006·9	...	83·1	77·6	75·0	29·8	77	...	5·7	...	6·3	0	0	30	0	0	0	0	0	4	13	1
	2330	"	1010·6	1009·7	...	78·3	75·4	74·2	28·7	87	...	5·0	...	2·9	0	0	27	1	0	1	0	0	2	7	1
Palghat	0830	319	1010·4	999·4	...	77·2	74·7	73·3	29·2	87	...	5·4	...	6·2	0	0	30	0	0	0	1	0	5	23	
	1730	"	1007·0	996·1	...	82·0	75·0	71·8	26·5	71	...	5·6	...	11·5	0	9	21	0	0	0	0	0	12	17	
Mysore																									
Chitaldrug	0830	2,405	899·6	929·1	+0·4	71·0	68·1	66·7	22·3	86	+6	6·2	0	3·9	0	0	30	0	0	0	0	0	5	25	
	1730	"	896·6	925·2	...	79·6	70·7	66·2	22·1	63	...	6·5	...	2·8	0	0	27	0	0	0	0	0	17	10	
Shimoga	0830	1,872	898·8	946·7	...	72·8	70·4	69·2	24·4	89	...	6·9	...	1·8	0	0	23	1	0	0	0	4	11	6	
	1730	"	896·0	943·6	...	76·9	72·1	69·3	24·9	76	...	6·4	...	2·2	0	0	28	1	0	0	0	2	6	17	
Hassan	0830	3,149	900·8	905·2	...	68·4	65·9	64·7	20·7	87	+5	6·2	+0·4	6·6	0	0	29	0	0	0	0	0	2	25	
	1730	"	897·6	902·4	...	74·4	68·9	66·2	21·9	75	...	6·3	...	8·1	0	1	28	0	0	0	0	0	6	21	
Bangalore (Central Observatory).	0230	3,021	898·8	907·4	...	78·9	66·7	65·4	21·5	89	...	6·9	...	6·1	0	0	28	0	0	0	0	0	6	15	
	0830	"	900·7	909·2	...	69·9	67·0	65·6	21·4	85	+1	7·5	+0·9	7·7	0	1	23	0	0	0	0	0	4	20	
	1130	"	900·3	908·7	...	77·1	69·1	64·8	21·0	66	...	6·8	...	8·9	0	3	27	1	0	0	0	0	3	16	1
	1730	"	897·4	905·8	...	77·9	68·8	63·8	20·3	63	...	6·8	...	6 8	0	1	28	2	0	0	0	0	4	12	1
Bangalore (Aerodrome).	0530	2,942	899·1	910·2	...	68·1	66·5	65·4	21·6	92	...	6·8	...	8·4	0	1	29	0	0	0	0	0	0	18	1
	0830	"	900·8	912·2	...	1·0	67·8	66·1	22·0	84	...	7·1	...	9·5	0	2	28	0	0	0	0	0	1	17	1
	1130	"	900·3	911·3	...	8·3	69·7	65·2	21·3	64	...	6·4	...	10·6	0	11	19	3	0	0	0	0	1	14	1
	1730	"	897·6	908·5	...	79·0	69·5	64·4	20·8	62	...	6·5	...	8·2	0	4	24	4	0	0	0	0	2	13	
	2330	"	900·3	911·6	...	71·6	68·2	66·5	22·3	84	...	(b) 6·2	...	8·3	0	4	24	3	1	0	0	0	1	16	
Mysore	0830	2,518	900·4	925·8	0	70·5	67·3	65·6	21·6	84	+5	6·2	+0·4	5·4	0	0	30	0	0	0	1	2	7	19	
	1730	"	897·8	922·7	...	80·3	69·8	64·4	20·6	60	...	6·9	...	8·5	0	2	28	1	0	0	0	2	10	15	
Balehonnur	0830	...	...	...	...	67·9	66·7	66·3	22·5	94	+1	...	...	...	...	...	...	...	...	...	...	...	...	...	
Travancore-Cochin																									
Fort Cochin	0830	10	1011·0	1010·7	−0·3	79·9	75·8	74·1	28·6	82	−2	7·3	+2·2	3·0	0	1	26	3	7	10	3	1	0	1	
	1730	"	1008·1	1007·8	...	80·9	76·4	74·3	29·0	81	...	6·7	...	9·1	0	1	29	0	0	0	0	0	0	12	
Cochin (Willingdon Island Aerodrome).	0230	6	1009·2	1009·0	...	76·6	75·1	74·4	29·1	93	...	5·1	...	2·4	0	0	16	5	6	0	2	0	0	1	
	0530	"	1009·4	1009·2	...	75·3	74·2	73·7	29·4	95	...	6·0	...	1·4	0	0	12	2	5	3	0	1	0	0	
	0830	"	1011·0	1010·8	...	79·0	75·7	74·3	28·9	86	...	5·3	...	2·9	0	0	24	7	5	7	3	0	1	0	
	1130	"	1010·7	1010·5	...	83·0	76·6	73·8	28·4	74	...	5·5	...	6·4	0	0	29	1	0	0	0	0	5	9	
	1730	"	1008·1	1007·9	...	81·5	76·1	73·7	28·3	78	...	5·9	...	6·9	0	0	30	1	0	0	0	0	1	11	
	2330	"	1010·8	1010·6	...	78·2	75·7	74·6	29·2	89	...	5·2	...	2·3	0	0	16	5	1	0	1	0	0	3	
Alleppey	0830	12	1011·1	1010·7	...	80·5	76·8	75·1	29·8	84	...	6·8	...	...	...	...	...	4	12	4	0	0	0	1	
	1730	"	1008·2	1007·8	...	82·5	77·1	76·6	29·3	77	...	6·0	...	...	...	...	...	2	0	0	0	0	1	3	
Trivandrum	0230	211	1009·2	1001·9	...	75 9	74·2	73·5	28·1	92	...	3·8	...	4·1	0	0	30	11	0	0	0	0	0	0	
	0530	"	1009·2	1001·9	...	74·9	73·6	72·9	27·7	73	...	4·2	...	3·6	0	0	30	21	0	0	0	0	0	0	
	0830	"	1011·0	1003·7	0	78·5	74·8	73·0	27·8	83	0	5·6	+0·2	3·8	0	0	30	7	1	0	0	0	0	0	
	1130	"	1010·2	1003·0	...	84·5	76·0	72·0	26·8	66	...	5·9	...	8·6	0	0	30	0	0	0	0	0	1	2	
	1730	"	1008·0	1000·8	...	81·8	75·5	72·6	27·3	74	...	5·0	...	7·5	0	1	29	1	0	0	0	0	0	3	
	2330	"	1010·9	1003·5	...	77·2	74·8	73·6	28·3	89	...	3·5	...	3·8	0	0	30	9	0	0	0	0	0	3	
Hill Stations excluding Kashmir—																									
Kohima	0830	4,614	...	...	...	70·3	68·1	67·0	22·8	90	...	6·9	...	2·5	0	0	28	3	3	6	6	7	1	0	
	1730	"	898·2	857·3	...	68·2	67·5	66·9	23·0	96	...	7·0	...	1·9	0	0	24	3	1	2	4	4	1	0	
Aijal	0830	3,599	896·6	886·9	...	70·7	68·7	67·8	22·9	91	...	6·3	...	3·4	0	0	24	0	0	8	4	6	4	2	
	1730	"	894·3	884·6	...	70·9	69·6	68·9	23·9	94	...	6·6	...	3·1	0	0	26	3	0	4	0	4	9	4	
Shillon	0830	4,921	898·7	848·7	−0·2	68·9	65·5	63·6	91·9	84	+5	5·7	+0·1	1·1	0	0	9	0	0	2	2	2	3	0	
	1730	"	896·3	846·2	...	67·4	65·6	64·5	20·6	91	...	7·5	...	1·3	0	0	10	0	0	0	3	2	4	0	
Cherrapunji	0830	4,309	898·6	866·9	−0·8	68·1	66·3	65·3	21·1	91	+7	6·7	+0·6	6·3	0	3	25	0	11	5	3	4	4	1	
	1730	"	895·8	864·1	...	68·1	66·5	65·6	21·7	92	...	6·2	...	5·2	0	3	24	0	6	3	2	4	8	1	
Darjiling *	0830	7,432	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	1730	"	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Darjiling (Raj Bhawan)	0830	6,980	802·4	790·8	+1 8	63·0	61·2	59·9	17·6	91	+7	6 1	−0·3	0·7	0	0	11	3	3	0	1	2	1	0	
	1730	"	801·2	789·6	...	62·5	61·2	60·4	18·4	93	...	7·6	...	1·2	0	0	15	0	2	0	5	1	3	3	
Kalimpong	0830	3,965	894·0	873·0	+4·9	69·3	67·9	67·0	22·8	93	+4	2·8	−2·9	1·6	0	0	22	0	0	0	0	0	0	0	
	1730	"	891·5	870·5	...	70·1	68·7	68·1	23·9	93	...	3·6	...	2 0	0	0	21	0	0	0	20	0	0	0	

(b) Mean of 29 days.

* Observatory closed from 1st September 1953.

TABLE III—SUMMARY OF OBSERVATIONS AT FIXED HOURS—SEPTEMBER 1953.

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, miles per hour.	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	S W	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
tations excluding hmir—*contd.*																										
nandu	0830	4,388	899·6	865·7	...	72·1	67·8	65·6	21·3	81	+2	6·0	0	0·6	0	0	8	0	0	3	3	1	1	0	0	22
	1730	"	896·1	862.5	...	74·8	69·7	67·0	22·8	77	...	5·7	...	0·5	0	0	5	1	0	3	0	1	0	0	0	25
teswar (Kumaon)	0830	7,592	801·4	772·6	+0·6	60·2	56·9	54·6	14·7	83	+2	4·0	−0·3	5·2	0	2	26	0	7	7	1	0	2	6	5	2
	1730	"	799·0	770·6	...	63·8	61·1	59·7	17·0	87	...	5·6	...	8·9	0	4	26	0	0	0	0	0	4	18	8	0
ital	0830	6,409	798·4	803·3	...	65·0	59·6	56·1	15·4	73	...	3·4	...	3·1	0	0	28	1	4	15	1	0	1	6	0	2
	1730	"	796·8	801·4	...	66·0	61·6	59·9	17·0	79	...	4·2	...	3·5	0	0	28	1	2	4	3	1	4	12	1	2
al	0830	...	...	...	...	38·3	36·0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
ooree	0830	6,699	799·6	795·9	−0·6	63·1	57·7	57·4	14·2	80	−8	3·9	−0·9	0·5	0	0	5	1	1	0	1	1	1	0	0	25
	1730	"	797·8	794·2	...	63·8	60·0	61·0	16·2	90	...	6·8	...	1·7	0	0	22	1	1	0	7	8	4	1	0	8
a	0830	7,224	799·7	781·3	+0·2	62·3	57·0	53·1	13·6	71	0	2·6	−1·0	0·8	0	0	10	3	1	2	2	1	1	0	0	20
	1730	"	798·3	779·9	...	63·3	60·3	58·6	16·8	85	...	5·4	...	1·1	0	0	17	4	4	1	0	3	3	1	1	13
ousie	0830	6,426	794·5	798·4	...	62·8	58·0	56·8	14·7	82	...	2·5	...	0·1	0	0	2	0	0	0	2	0	0	0	0	28
	1730	"	793·0	797·3	...	65·2	62·8	61·3	18·4	88	...	4·4	...	0·7	0	0	8	0	5	0	1	1	0	1	0	22
amshala	0830	3,975	902·5	879·3	...	73·6	66·1	62·2	19·2	68	...	1·7	...	1·5	0	0	17	7	2	0	4	0	0	1	3	13
	1730	"	900·6	879·3	...	75·0	68·6	65·7	21·1	73	...	3·4	...	4·4	0	0	28	3	1	1	0	1	8	13	1	2
narhi	0830	3,528	899·3	891·8	+0·7	71·3	68·9	67·5	23·1	88	+5	4·9	−0·3	3·0	0	0	27	3	1	0	1	0	0	5	17	3
	1730	"	896·6	889·1	...	76·0	71·1	68·7	24·0	79	...	5·5	...	1·9	0	0	26	3	2	1	0	0	0	9	11	4
	0830	3,921	899·2	879·3	+0·6	67·8	65·7	64·4	20·8	89	+9	3·9	−0·5	3·6	0	2	13	2	1	0	0	2	5	5	0	15
	1730	"	897·6	877·9	...	72·2	67·7	65·3	21·4	79	...	5·5	...	2·3	0	0	21	1	0	1	0	4	12	2	1	9
baleshwar	0830	4,534	900·7	861·8	+0·3	64·4	63·4	62·7	19·6	94	−3	6·5	−0·5	5·1	0	0	30	4	8	0	0	0	11	3	4	0
	1730	"	898·5	859·6	...	64·5	64·2	63·7	20·3	98	...	7·8	...	5·6	0	0	30	0	0	0	0	0	18	1	11	0
Hills	0830	...	...	...	...	62·5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	0	0	0	0	0
ra	0830	3,781	901·3	885·8	+0·7	64·6	63·8	63·2	19·9	95	+3	5·8	−0·6	5·1	0	0	30	0	0	0	0	0	0	15	15	0
	1730	"	899·3	883·9	...	68·5	66·2	64·9	21·0	89	...	5·8	...	3·7	0	0	29	0	0	0	0	0	0	15	14	1
kanal	0830	7,688	802·3	771·0	+0·6	58·8	52·4	48·7	11·9	76	0	5·9	+1·4	9·2	0	13	12	0	1	0	3	0	0	10	11	5
	1130	"	802·1	771·0	...	61·8	57·1	53·7	14·2	76	...	6·8	...	8·6	0	8	20	2	2	0	4	1	0	4	15	2
	1730	"	800·4	769·2	...	57·7	55·9	55·6	14·7	89	...	7·6	...	5·8	0	2	25	2	2	0	5	4	1	3	10	3
amund	0830	7,378	802·1	779.2	+0·3	56·5	53·1	50·5	12·5	81	−2	3·9	−1·8	0·8	0	0	7	0	0	0	0	0	0	7	0	23
	1730	"	800·0	777·3	...	58·9	55·8	54·0	14·3	84	...	6·7	...	1·0	0	0	13	0	0	0	0	0	1	11	1	17
or	0830	...	...	...	...	65·1	60·1	57·0	16·0	75	+9	3·3	−1·7	2·6	0	0	27	4	0	0	6	5	2	6	4	3
	0830	...	...	...	...	54·6	53·8	52·6	13·7	94	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(Chumbi)	0830	...	...	...	...	57·0	55·2	53·7	14·1	91	+6	1·4	−2·8	...	...	...	...	...	...	...	...	...	...	...	...	...
	0830	12,090	630·5	655·8	...	60·2	59·0	58·2	16.5	94	...	3·9	...	0·3	0	0	2	0	0	1	1	0	0	0	0	28
e	0830	13,110	627·2	627·8	...	55·3	46·1	38·2	7·9	53	−5	3·3	0	0·3	0	0	4	0	0	3	1	0	0	0	0	26
bo	0830	24	1011·2	1010·4	−0·1	80·8	75·8	73 1	28·2	78	−5	6·3	+0·5	6·2	0	0	27	0	0	1	0	0	14	11	1	3
	1730	"	1008·5	1007·7	...	81·4	75·4	72·4	27·3	74	...	6·6	...	8·0	0	2	28	0	0	0	0	0	20	10	0	0
malee	0830	24	1009·3	1008·5	+0·5	81·2	74·9	71·9	26·7	73	−5	6·2	+2·6	12·3	0	19	11	0	0	0	0	1	27	2	0	0
	1730	"	1006·5	1005·7	...	84·2	76·7	72·2	28·0	69	...	7·1	...	9·3	0	9	21	1	2	2	5	2	15	2	1	0
loa	0830	20	1009·4	1009·0	...	80·5	76·0	73·6	28·6	80	...	3·8	...	4·5	0	0	25	1	1	0	0	7	8	5	3	5
	1730	"	1006·3	1006·0	...	84·6	79·1	75·9	31·5	77	...	5·0	...	10·4	0	11	19	1	0	3	17	4	2	2	1	0
ntota	0830	50	1010·5	1008·8	+0·5	81·6	76·9	74·5	29·7	81	−4	4·9	+1·1	13·4	0	22	8	0	0	1	0	0	7	22	0	0
	1730	"	1007·4	1005·7	...	82·1	76·8	73·6	28·2	76	...	6·0	...	20·2	0	29	1	0	0	0	0	0	8	21	1	0
r	0830	12	1009·7	1009·3	...	83·3	79·3	77·3	32·4	83	...	5·8	...	9·0	0	4	25	1	0	0	0	0	9	19	0	1
	1730	"	1006·7	1006·3	...	83·2	78·7	76·8	31·5	81	...	7·1	...	10·7	0	12	18	0	0	0	0	11	18	1	0	0
METEOROLOGICAL VATORIES r Catchment																										
	0530	784	1004·1	977·2	...	76·4	75·5	74·8	29·7	95	...	6·0	...	1·7	0	0	14	1	0	2	4	0	0	2	5	16
	0830	"	1005·3	978·7	...	80·8	77·3	75·8	30·4	85	...	6·2	...	3·7	0	1	25	1	1	1	7	3	4	1	8	4
	1130	"	1004·4	978·0	...	86·2	78·2	74·4	29·3	69	...	5·9	...	5·7	0	1	27	1	5	2	10	2	4	3	1	2
	1730	"	1001·9	975·4	...	82·0	77·0	74·7	29·4	79	...	6·7	...	5·3	0	2	27	3	2	1	14	1	2	2	4	1
	2330	"	1004·8	978·0	...	77·9	76·4	75·9	30·4	93	...	4·3	...	2·5	0	1	16	2	3	1	2	1	2	3	3	13
agh	0530	2,019	893·5	935·9	...	72·7	71·8	71·3	26·2	95	...	5·5	...	1·8	0	1	13	0	1	3	0	2	4	2	2	16
	0830	"	895·2	937·4	...	77·5	73·9	72·4	27·2	84	...	5·6	...	4·3	0	0	28	2	3	5	1	3	5	5	3	2
	1130	"	895·1	936·8	...	81·9	75·1	72·2	27·0	73	...	5·8	...	5·3	0	2	27	3	1	10	2	2	4	2	5	1
	1730	"	892·8	934·8	...	77·7	74·0	72·2	27·2	84	...	6·1	...	3·3	0	0	22	3	1	2	4	2	4	2	4	8
	2330	"	894·4	936·8	...	74·1	72·8	72·1	27·0	94	...	4·8	...	2·1	0	0	18	2	0	4	0	3	5	1	3	12

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, miles per hour.	Wind Speed (m.p.h.)			No. of observations.							
			At mean sea or nearest s. 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
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
HYDROMETEOROLOGICAL OBSERVATORIES—*contd.*																									
Damodar Catchment—*contd.*																									
Barhi	0830	...	...	...	...	81·2	76·3	74·1	28·7	79	...	...	...	3·4	0	0	29	2	6	4	3	2	3	6	3
	1730	...	...	...	...	79·9	75·8	73·9	28·6	83	...	...	...	2·1	0	0	18	2	2	3	3	0	4	0	4
Ramgarh	0830	...	...	...	...	81·6	77·3	75·4	30·1	81	...	...	...	2·7	0	0	28	0	3	2	7	1	8	1	6
	1730	...	...	...	...	80·9	76·9	75·0	29·8	83	...	...	...	1·1	0	0	13	0	2	2	4	2	0	0	3
Dhanbad	0530	839	1003·9	975·3	...	77·1	76·2	75·3	30·4	95	...	4·1	...	3·7	0	1	24	4	4	3	3	5	4	1	1
	0830	"	1005·1	976·6	...	82·3	78·3	76·4	31·2	83	...	5·0	...	5·3	0	2	25	3	5	4	1	6	5	2	1
	1130	"	1004·2	976·0	...	86·8	79·2	75·7	30·6	70	...	5·2	...	6·4	0	2	27	3	5	2	6	6	4	2	1
	1730	"	1001·9	973·5	...	82·1	77·9	75·9	30·7	83	...	5·9	...	5·5	0	2	25	2	8	3	3	10	0	1	0
	2330	"	1004·4	975·8	...	78·9	77·3	76·4	31·3	93	...	4·4	...	3·8	0	2	20	2	4	3	1	4	7	1	0
Mahanadi Catchment																									
Baramul	0830	210	1005·7	998·5	...	83·5	79·1	77·5	31·9	82	...	...	...	0·6	0	0	8	1	1	1	0	1	3	1	0
	1730	"	1002·7	995·5	...	80·2	78·1	77·5	31·9	90	...	...	...	0·9	0	0	8	1	0	0	0	1	4	2	0
Hirakud	0830	522	1009·1	991·3	...	82·9	78·2	76·2	30·9	80	...	...	...	0·9	0	0	13	0	1	0	2	0	3	0	7
	1730	"	1005·4	987·8	...	84·3	78·9	76·7	32·5	78	...	...	...	0·6	0	0	5	0	2	0	0	0	1	0	2
Barkachhar	0830	...	...	...	...	80·7	76·8	74·8	29·7	83	...	4·8	...	3·4	0	0	22	3	0	1	0	1	10	6	1
	1730	...	...	...	...	82·1	77·4	75·3	30·0	80	...	5·9	...	2·4	0	0	20	1	2	4	0	1	6	6	0
Sonepur	0830	...	...	...	...	82·7	78·3	76·4	31·1	81	...	...	...	2·3	0	0	22	0	6	1	3	0	1	6	5
Ginabahar	0830	...	...	...	...	78·7	75·7	74·7	29·9	88	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...
Ganga Catchment																									
Tapoban *	0830	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Badrinath *	0830	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Narbada Catchment																									
Punasa	0830	...	...	...	...	79·7	75·4	73·5	28·1	81	...	4·4	...	2·5	0	0	27	3	1	0	0	0	10	5	8
	1730	...	...	...	...	86·2	77·3	73·5	28·2	67	...	5·3	...	1·9	0	0	25	2	1	1	0	0	11	3	7
Bagra Tawa	0830	...	...	...	...	79·5	75·4	73·5	28·2	82	...	4·0	...	2·9	0	0	30	0	0	0	2	4	22	2	0
	1730	...	...	...	...	84·0	76·2	72·6	27·3	70	...	5·2	...	1·9	0	0	25	0	2	0	3	6	8	4	2
Thikri	0830	...	...	...	...	80·3	75·4	72·7	27·8	79	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tapti Catchment																									
Nandurbar	0830	...	...	...	...	79·2	74·7	72·5	27·3	80	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sabermati Catchment																									
Jhadol	0830	...	...	...	...	75·0	72·3	70·6	25·9	87	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dharoi	0830	...	...	...	...	80·9	75·9	73·9	28·3	78	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

* Data not available.

RADIOSONDE DATA

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

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

September 1953

ALLAHABAD
Surf. Pr. (993 mb.)

No. of Obs.	Ht. gpm.	Temperature °A			
		Mean	Max.	Min.	Dew Point
30	98	301·1	304	297	298·4
29	31	...	...	...	...
29	967	297·4	300	292	293·2
29	1466	293·9	297	290	291·0
29	1993	290·5	293	287	287·9
28	3125	284·2	287	280	280·1
28	4401	277·7	280	272	272·3
27	5867	269·4	273	263	...
24	7603	260·7	267	255	...
23	9748	247·3	255	239	...
19	11042	238·0	246	233	...
13	12586	229·0	237	222	...
8	13449	221·3	224	217	...
5	14433	213·3	217	210	...

CALCUTTA
(1004 mb.)

No. of Obs.	Ht. gpm.	Temperature °A			
		Mean	Max.	Min.	Dew Point
30	5	301·2	304	299	299·1
30	42	...	...	...	...
30	973	296·2	299	294	292·8
30	1470	293·6	296	291	289·8
30	1994	291·0	294	286	286·5
30	3123	285·1	288	281	279·9
30	4402	277·9	282	272	272·9
30	5866	269·9	274	266	...
30	7596	260·1	264	253	...
27	9730	246·1	255	237	...
24	11022	257·4	248	225	...
21	12513	225·8	239	212	...
15	13440	220·3	233	210	...
9	14424	214·9	228	204	...

JODHPUR
(980 mb.)

No. of Obs.	Ht. gpm.	Temperature °A			
		Mean	Max.	Min.	Dew Point
30	218	303·0	305	299	294·6
30	40	...	...	...	...
30	978	297·9	302	296	290·4
30	1477	293·5	297	290	288·2
30	2000	289·9	293	287	284·6
30	3125	282·8	287	277	276·5
30	4392	275·4	281	270	265·8
30	5843	268·1	274	261	...
30	7569	258·9	266	253	...
25	9700	245·4	254	239	...
24	10979	236·1	245	228	...
23	12488	224·2	236	215	...
18	13339	216·2	226	207	...
14	14318	208·6	215	196	...
8	15366	201·7	207	195	...
8	16675	200·0	207	192	

MADRAS
(1004 mb.)

No. of Obs.	Ht. gpm.	Temperature °A			
		Mean	Max.	Min.	Dew Point
29	15	301·8	303	299	297·2
28	58	...	..	...	...
28	989	296·3	299	293	290·4
28	1485	292·9	295	291	288·9
26	2009	289·5	293	287	286·2
25	3134	282·8	287	279	278·7
22	4409	276·0	281	271	272·0
20	5858	268·0	271	264	...
13	7572	257·9	261	253	...
6	9699	246·0	255	243	...

NAGPUR
(970 mb.)

No. of Obs.	Ht. gpm.	Temperature °A			
		Mean	Max.	Min.	Dew Point
21	307	299·1	302	297	296·1
21	42	...	...	...	...
21	974	296·8	301	293	291·9
21	1471	293·9	298	291	289·1
21	1991	289·4	294	286	286·8
20	3120	282·7	289	279	277·2
20	4380	276·2	279	274	268·7
17	5846	268·6	272	264	...
12	7567	258·3	261	254	...
...	...	...	...	...	...

NEW DELHI
(974 mb.)

No. of Obs.	Ht. gpm.	Temperature °A			
		Mean	Max.	Min.	Dew Point
30	210	300·6	303	297	296·3
30	29	...	...	...	...
30	966	298·6	301	294	291·2
30	1466	295·0	298	291	288·9
30	1992	290·8	294	287	286·1
30	3120	283·5	287	279	276·8
30	4390	276·5	280	272	269·6
30	5848	268·6	273	262	...
30	7576	259·7	264	253	...
30	9709	246·5	253	237	...
27	11011	238·6	243	231	...
22	12537	228·4	237	220	...
17	13426	223·6	232	214	...
13	14417	216·8	228	205	...
7	15537	211·4	222	199	...

RADIOSONDE DATA
MEAN DYNAMIC HEIGHT, TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACES
(From Ascents at 15 hrs. G. M. T.)
September 1953

Standard pressure surface mbs.	POONA Sur. Pr. (946 mb.)						PORT BLAIR (1000 mb.)						SHILLONG (838 mb.)					
	No. of Obs.	Ht. gpm.	Temperature °A				No. of Obs.	Ht. gpm.	Temperature °A				No. of Obs.	Ht. gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point			Mean	Max.	Min.	Dew Point			Mean	Max.	Min.	De Po
Surface	30	557	296·9	298	295	293·2	27	81	298·9	300	297	296·6	30	1602	291·6	293	291	29
1000	30	72	...	...	...	...	...	...	...	...	...	...	30	59	...	...	...	..
900	30	992	294·0	297	291	290·6	26	1005	293·7	297	291	289·8	30	979	...	...	...	..
850	30	1486	291·4	294	289	287·8	26	1497	291·0	294	289	286·6	30	1476	...	...	...	..
800	30	2007	289·2	291	287	284·6	26	2017	288·6	291	286	283·0	30	2000	290·5	293	288	28
700	30	3134	283·5	285	281	277·3	26	3140	283·3	284	281	275·4	30	3132	284·5	289	283	28
600	30	4405	276·7	279	274	270·1	25	4407	276·4	279	273	269·1	30	4409	277·5	281	274	27
500	30	5867	269·2	273	265	...	24	5862	268·3	270	265	...	29	5874	269·9	276	266	..
400	29	7597	259·5	262	256	...	22	7580	258·7	261	254	...	29	7609	259·9	265	251	..
300	27	9730	245·8	249	243	...	18	9707	245·4	249	241	...	26	9744	246·8	252	237	..
250	24	11015	236·3	240	233	...	16	10989	235·5	241	231	...	25	11044	238·2	246	233	..
200	23	12531	225·3	229	221	...	12	12482	225·1	232	222	...	23	12572	226·3	237	217	..
175	16	13395	218·3	221	215	...	7	13349	218·3	223	213	...	14	13440	221·1	230	211	..
150	15	14358	210·4	216	206	...	7	14322	211·7	218	204	...	10	14454	215·2	224	207	..
125	8	15474	205·0	207	203	...							8	15610	208·6	217	203	.
100													5	16980	204·8	210	199	.
80																		

	TRIVANDRUM (1003 mb.)						VERAVAL (1006 mb.)						VISAKHAPATNAM (999 mb.)					
Surface	30	64	299·3	300	297	296·2	21	8	300·7	301	299	297·4	30	48	301·4	303	297	29
1000	30	89	...	...	...	...	21	60	...	...	...	...	30	40	...	...	...	
900	30	1012	293·3	295	291	290·1	21	985	292·9	296	289	290·0	30	970	295·9	299	293	29
850	30	1504	290·7	293	288	287·3	21	1476	290·6	293	287	287·8	30	1467	293·5	298	291	28
800	30	2024	288·1	291	286	283·7	21	1993	288·3	291	285	284·1	30	1990	290·3	293	288	28
700	29	3148	283·6	287	278	277·2	21	3121	283·5	287	280	276·1	30	3120	284·3	288	282	27
600	28	4420	276·7	279	275	269·5	19	4395	277·3	282	275	271·9	30	4393	277·2	281	274	27
500	26	5877	268·2	273	266	...	17	5856	269·4	273	267	...	30	5856	269·0	271	264	
400	23	7597	258·0	261	255	...	16	7584	259·6	261	257	...	29	7583	258·9	262	253	
300	21	9715	243·7	247	242	...	10	9719	245·7	250	243	...	28	9711	245·3	249	239	
250	20	10990	234·2	237	230	...	8	11024	236·3	242	230	...	27	10964	235·3	244	227	
200	18	12486	223·3	235	219	...	9	12525	227·4	237	219	...	22	12458	224·6	235	215	
175	7	13378	215·9	221	212	...	7	13411	219·0	225	215	...	14	13379	217·6	228	209	
150	5	14324	208·4	217	204		6	14395	212·5	217	207	...	14	14346	211·3	222	202	
125													5	15450	203·6	211	196	
100																		
80																		

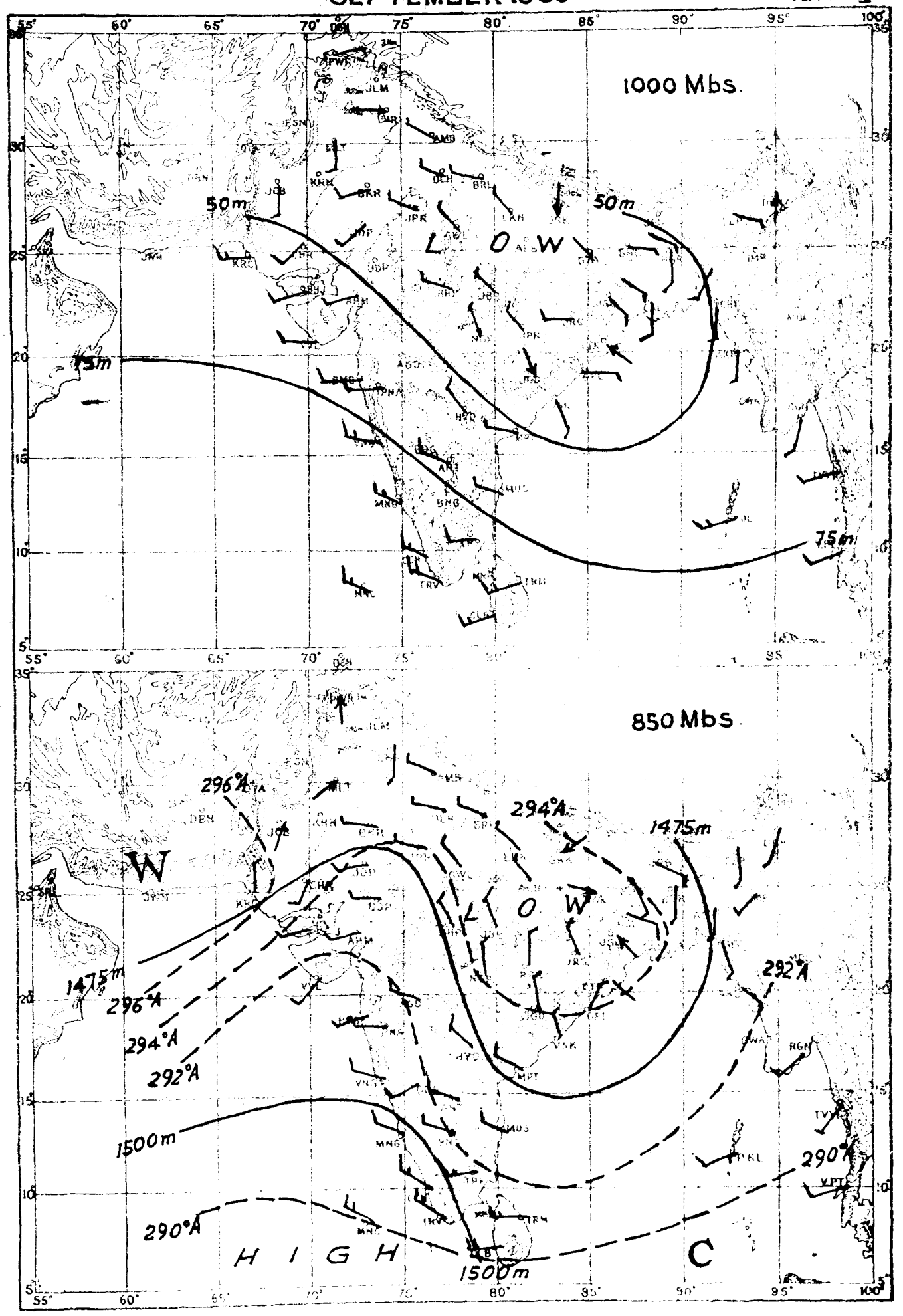
Norms:—Number of observations refer to those of dynamic height.
Means are not worked out for temperature and dew point for the 1000 mb. surface and for dew point for standard pressure surfaces with temperatures less than 273 °A.
Means are not worked out for less than five observations at standard pressure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

GIPN—S2—16 DDG. Obs. Poona—10-5-55—260.

MONTHLY MEAN CONSTANT PRESSURE CHARTS.

SEPTEMBER 1953

Plate I



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

------ Isotherms in degrees absolute.

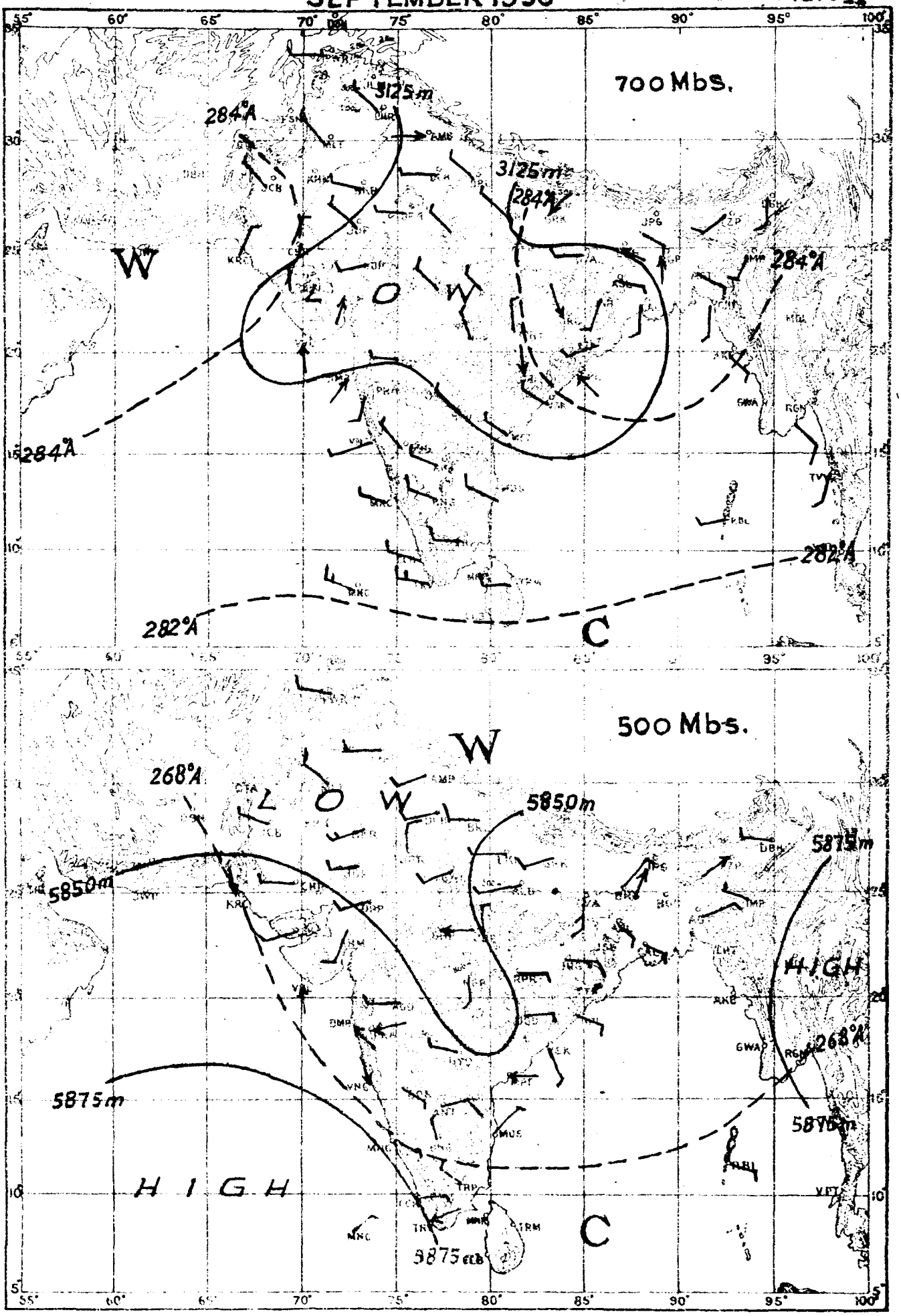
——— Contours in geopotential metres.

3 P.Z. P POONA, 53.

MONTHLY MEAN CONSTANT PRESSURE CHARTS.

SEPTEMBER 1953

Plate II



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

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

G.P.Z. P. POONA, 53.

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WEATHER BUREAU

INDIA WEATHER REVIEW, 1953

Monthly Weather Report

October

Published by authority of the Government of India

Chief features: (1) Good rainfall over most parts of the Peninsula during the first half of the month, (2) withdrawal of the southwest monsoon towards the end of the month, and (3) the formation and movement of two Bay depressions.

The low pressure area, which lay over east Uttar Pradesh at the end of September, moved in an easterly direction and became unimportant over east Bihar by the 2nd evening. Under its influence, fairly widespread rain or thundershowers occurred in upper Assam, sub-Himalayan West Bengal and north Bihar on 1st and 2nd, with a few heavy to very heavy falls in Bihar and Assam; Tura recorded 6″ of rain on the 2nd. Sub-Himalayan West Bengal and Assam continued to get local or fairly widespread rain till the 5th and 7th respectively.

An upper air 'low' moved across the south Peninsula in the beginning of the month, causing local or fairly widespread thunder-rain in the south Peninsula, south Deccan (Desh) and the south Konkan on the 1st and 2nd. Another upper air low appeared over Deccan (Desh) and adjoining areas on the 5th. It moved into the Arabian Sea in the course of the next two days and the resultant trough persisted in the southeast Arabian Sea off the Malabar-south Konkan coasts till about the 11th, becoming unimportant thereafter. In association with the above, local or fairly widespread rain occurred in most parts of the Peninsula outside Gujarat and Saurashtra and Kutch during this period. Local thundershowers also occurred in west Madhya Pradesh between the 3rd and 5th, and in east Madhya Pradesh between the 5th and 7th, while Vindhya Pradesh had fairly widespread rain on the 5th.

The southwest monsoon withdrew from the country outside the south Peninsula by the 8th.

Following the development of the seasonal low over the south and central Bay of Bengal by about the 11th, the retreating southwest monsoon, popularly known as the "northeast monsoon rains", set in over the south Peninsula by the middle of the month. Rainfall was fairly widespread in Malabar-south Kanara, Mysore and Travancore-Cochin between the 12th and 14th. A low pressure wave from the east moved across the Ceylon-Comorin area by the 15th. Latter, a well-marked trough persisted in the southeast Arabian Sea off the Malabar coast between the 17th and 22nd. In association with these, fairly widespread rain occurred in the south Peninsula between the 15th and 18th.

A low pressure area appeared over the south Andaman Sea on the 18th. It moved westwards and concentrated into a depression, with its centre about 220 miles southeast of Madras on the 21st morning. The depression took a northwesterly course, and after crossing the coast near Nellore by the 22nd evening, weakened into a 'low' over Tamilnad and neighbourhood. The low then moved westnorthwestwards across the south Peninsula and, after two days, appeared as a trough off the south Konkon-Kanara coast. It eventually weakned and became unimportant by the end of the month. As the depression was approaching the coast, general and very heavy rain occurred in south coastal Andhradesa on the 22nd. During later stages, fairly widespread rain occurred in the south Konkan, south Deccan (Desh), south Hyderabad, coastal Andhradesa and the south Peninsula between the 23rd and 27th. Local or fairly widespread thundershowers also occurred in south Deccan (Desh) on the 28th and 29th, and along the west coast and in Mysore on the 29th and 30th.

Another shallow depression formed in the west central Bay of Bengal by the evening of 26th with its centre about 300 miles east of Madras. Moving in a northwesterly direction, it weakened by the morning of 28th into a 'low' off the Circars coast, and became unimportant by the 31st. Under its influence, local or fairly widespread thundershowers occurred in Tamilnad, Mysore and Travancore-Cochin on the 28th, and in Tamilnad, again on the 30th and 31st. Rainfall was heavy at places

in Mysore. According to newspaper reports, about 20 irrigation tanks in Mysore (12 major and 8 minor) were breached, affecting thousands of acres of the standing paddy crop. Local thundershowers also occurred in Orissa on the 24th, in Assam and Gangetic west Bengal on the 25th, in southeast Madhya Pradesh on the 26th and in sub-Himalayan West Bengal on the 28th.

Three western disturbances moved across the extreme north of the country during the month. The first one caused local thundershowers in the hills of the Punjab (I) on the 3rd while the second was responsible for few showers in Kashmir on the 14th and 15th and local thundershowers in the Punjab hills on the 15th. The third disturbance did not cause any precipitation.

Total rainfall of the month was in large excess in Deccan (Desh), Hyderabad, Rayalaseema, Mysore and Travancore-Cochin; in moderate excess in coastal Andhradesa and Tamilnad and in slight excess in Malabar-south Kanara. It was normal in the Bay Islands, Assam, east Madhya Pradesh and the Konkan; in moderate defect in West Bengal and west Madhya Pradesh and in large defect in the rest of north India, in Madhya Bharat, Vindhya Pradesh and Gujarat. No rain fell in Saurashtra and Kutch. Averaged over the plains of India, rainfall was 17% in excess.

The mean maximum temperature was above normal in the Bay Islands, the Punjab (I) and Gujarat; below normal in Deccan (Desh), south Hyderabad and Rayalaseema and normal elsewhere over the country.

The mean minimum temperature was above normal in east Madhya Pradesh and south Hyderabad, below normal in east Rajasthan and Vindhya Pradesh. It was normal in the remaining divisions.

The mean relative humidity in the morning was above normal in Deccan (Desh), Hyderabad coastal Andhradesa, Rayalaseema and Mysore, below normal in Madhya Bharat, Gujarat and Saurashtra and Kutch and was normal over the rest of the country.

The mean cloud amount in the morning was above normal in the Bay Islands, Orissa, Madhya Pradesh and in the Peninsula outside Gujarat and Saurashtra and Kutch; below normal in Uttar Pradesh, northwest India and Vindhya Pradesh and was 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 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:
Dated the 13th September 1954.

A. K. ROY,
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
ion								
ssam (including Manipur & Tripura).	5·02	104	86·2	70·1	84	81	3·7	2·6
	+0·20	..	+0·6	−1·0	0	..	−0·4	..
Vest Bengal .	2·87	60	89·0	73·4	76	72	2·8	3·1
	−1·88	..	+0·5	+0·3	−1	..	0	..
rissa . .	1·56	26	88·6	74·6	80	74	4·8	5·2
	−4·34	..	0	+0·7	+2	..	+1·7	..
ihar . . .	1·04	40	88·6	69·3	72	65	2·1	2·0
	−1·58	..	+1·0	−0·4	−1	..	−0·1	..
ttar Pradesh .	0·07	5	91·4	65·5	61	44	0·4	0·6
	−1·27	..	+1·1	−0·1	−5	..	−0·5	..
unjab (I) (including PEPSU & Delhi).	0·03	6	95·0	63·7	57	33	0·5	0·3
	−0·44	..	+2·3	+0·2	−1	..	−0·3	..
ajasthan . .	0·04	12	95·1	64·2	48	22	0·4	0·5
	−0·30	..	+0·9	−1·2	−4	..	−0·4	..
ivision								
ıy Islands . .	11·79	94	86·1	75·5	83	91	6·3	5·6
	−0·72	..	+2·2	+1·7	+2	..	+1·1	..
ısam (including Manipur & Tripura).	5·02	104	86·2	70·1	84	81	3·7	2·6
	+0·20	..	+0·6	−1·0	0	..	−0·4	..
Vest Bengal .	2·87	60	89·0	73·4	76	72	2·8	3·1
	−1·88	..	+0·5	+0·3	−1	..	0	..
rissa . .	1·56	26	88·6	74·6	80	74	4·8	5·2
	−4·34	..	0	+0·7	+2	..	+1·7	..
hota Nagpur .	0·63	23	87·5	68·5	72	63	2·8	3·0
	−2·12	..	+0·8	+0·4	0	..	+0·2	..
har . . .	1·24	49	89·3	69·9	72	67	1·7	1·4
	−1·30	..	+1·1	−0·9	−1	..	−0·3	..
ttar Pradesh, East	0·10	6	90·9	66·9	64	51	0·4	0·5
	−1·64	..	+0·3	−0·1	−5	..	−0·8	..
tar Pradesh West	0·04	4	91·9	64·0	57	37	0·4	0·6
	−0·86	..	+1·8	−0·1	−5	..	−0·3	..
unjab (I) (including PEPSU and Delhi).	0·03	6	95·0	63·7	57	33	0·5	0·3
	−0·44	..	+2·3	+0·2	−1	..	−0·3	..
ımmu and Kashmir.	(Data incomplete)							
ajasthan, West .	0·02	13	97·1	65·6	47	23	0·1	0·3
	−0·14	..	+0·9	+0·1	−5	..	−0·5	..
ajasthan, East (including Ajmer)	0·06	12	93·6	63·1	49	22	0·7	0·7
	−0·46	..	+0·8	−2·3	−3	..	−0·4	..
Madhya Bharat .	0·16	16	91·1	62·9	51	32	1·6	2·4
	−0·81	..	+1·2	−0·5	−8	..	+0·2	..
indhya Pradesh .	0·13	7	89·7	62·1	69	49	1·5	2·4
	−1·72	..	+1·1	−2·5	+1	..	−0·5	..

—	Rainfall (inches).	Percentage of normal.	Mean maximum temperature °F.	Mean minimum temperature °F.	Relative humidity %		Cloud.	
					0830 hrs. I.S.T.	1730 hrs. I.ST.	0830 hrs. I.S.T.	1730 hrs. I.S.T.
1	2	3	4	5	6	7	8	9
Division—*contd.*								
8. Madhya Bharat & Vindhya Pradesh.	0·15	12	90·6	62·6	57	39	1·5	2·4
	−1·15	..	+1·2	−1·3	−5	..	0	..
9. Madhya Pradesh .	1·83	82	88·1	67·5	69	53	3·9	4·1
	−0·39	..	−0·6	+1·0	+2	..	+1·6	..
10. Bombay (including Saurashtra & Kutch). . .	3·94	148	91·0	70·3	72	55	3·5	4·0
	+1·28	..	+0·2	+0·5	0	..	+0·9	..
11. Hyderabad . .	5·93	250	86·2	70·8	83	69	5·0	5·7
	+3·56	..	−2·5	+1·8	+14	..	+2·1	..
12. Madras (including Travancore-Cochin).	11·73	148	87·1	75·6	84	77	6·1	6·5
	+3·81	..	−1·7	+1·1	+6	..	+1·6	..
13. Mysore . .	16·00	263	81·3	67·5	91	75	6·7	7·2
	+9·92	..	−1·2	+1·7	+9	..	+1·6	..
Mean of India .	3·56	117	89·8	68·9	70	55	3·1	3·4
	+0·51	..	0	+0·2	+1	..	+0·7	..
Sub-division—*contd.*								
15. Madhya Pradesh, East.	3·16	99	85·9	69·5	78	68	5·0	5·5
	−0·04	..	−0·7	+2·2	+5	..	+2·3	..
16. Madhya Pradesh, West.	0·99	62	89·4	66·3	63	43	3·2	3·1
	−0·61	..	−0·5	+0·2	+1	..	+1·1	..
17. Gujarat . .	0·15	12	96·9	68·3	61	43	1·9	2·3
	−1·10	..	+2·1	−0·3	−7	..	+0·2	..
18. Saurashtra and Kutch.	0	0	94·9	70·2	61	41	1·9	1·9
	−0·50	..	+1·0	−0·8	−7	..	+0·3	..
19. Konkan . .	4·31	91	89·8	75·1	79	77	4·5	5·1
	−0·45	..	+1·7	+1·0	−1	..	+0·9	..
20. Deccan (Desh) .	7·63	221	86·3	68·8	81	63	4·9	5·7
	+4·17	..	−2·0	+1·6	+10	..	+1·6	..
21. Hyderabad, North	4·25	207	86·3	69·3	79	63	4·3	5·2
	+2·20	..	−1·9	+1·1	+13	..	+1·5	..
22. Hyderabad, South	7·62	282	86·2	71·9	85	73	5·5	6·1
	+4·92	..	−3·0	+2·2	+15	..	+2·5	..
23. Coastal Andhradesa.	11·37	144	87·4	76·7	85	79	5·5	6·0
	+3·47	..	−1·7	+1·0	+7	..	+1·2	..
24. Rayalaseema .	10·21	253	86·8	74·1	84	72	6·1	6·7
	+6·17	..	−4·0	+1·6	+13	..	+2·1	..
25. Tamilnad . .	10·91	130	87·2	75·5	83	76	6·1	6·5
	+2·52	..	−1·9	+1·2	+4	..	+1·6	..
26. Malabar and South Kanara.	11·26	122	87·3	75·5	86	79	6·5	7·0
	+2·05	..	+1·1	+0·8	+1	..	+1·5	..
27. Mysore . .	16·00	263	81·3	67·5	91	75	6·7	7·2
	+9·92	..	−1·2	+1·7	+9	..	+1·6	..
28. Travancore-Cochin	20·43	169	85·5	74·9	87	83	7·5	7·6
	+8·37	..	+0·4	+0·3	+3	..	+2·3	..

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—OCTOBER 1953.

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.																												
Table Island	86·0	..	88	19,20,21	78·7	..	75	27	1·38	2·55	..	0·89	26	6	..	7·6	6·2	..	14	0	0	0	0	0	0	0	0	0
Maya Bandar	86·1	..	87	13 days	75·6	..	73	4	9·18	12·45	..	2·02	25	17	..	4·6	3.0	..	22	0	0	9	0	0	0	0	0	0
Long Island	87·8	..	90	4 days	76·1	..	73	13,29	5·63	8·59	..	2·88	31	13	..	2·3	1·4	..	16	0	0	1	0	0	0	0	0	0
Port Blair	86·1	+2·2	88	4 days	75·5	+1·7	73	1	5·36	11·79	−0·72	1·60	27	20	+3·3	6·7	4·7	−2·9	27	0	0	11	4	0	0	0	0	0
Kondul	84·4	..	87	13	75·5	..	74	5 days	5·28	6·92	..	2·75	25	9	..	3·8	2·0	..	13	0	0	0	0	0	0	0	0	0
Car Nicobar	86·8	..	89	9	75·6	..	71	6,7,8	6·24	12·85	..	2·07	1	13	..	3·1	1·5	..	19	0	0	1	0	0	0	0	0	0
Noncowry	88·5	..	93	26	76·6	..	71	15	6·43	9·43	..	1·73	26	15	..	4·1	2·6	..	18	0	0	0	0	0	0	0	0	0
Assam.																												
Mawsynram	..	..	..	..	..	..	..	..	..	8·65	..	4·25	5	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Dibrugarh	83·6	−0·7	88	4 days	68·9	−0·6	65	21,24,26	0·85	9·91	+3·92	3·09	2	8	−0·6	1·1	1·1	+0·4	9	0	0	0	0	0	0	0	0	0
Dibrugarh (Mohan bari Aerodrome)	84·1	..	89	11,12	67·2	..	62	15,21	1·28	10·18	..	3·07	2	9	..	2·8	1·7	..	9	0	0	3	6	0	0	0	0	0
Sibsagar	85·3	+1·0	91	12	70·4	−0·2	66	25	0·36	4·56	−0·61	1·45	12	8	+0·1	2·5	2·1	+0·7	12	0	0	2	16	0	0	0	0	0
Tezpur	88·1	+1·8	92	12,17	69·9	−1·3	66	27	0·55	3·62	−0·48	1·10	4	6	−0·3	1·0	0·9	−0·6	9	0	0	0	0	0	0	0	0	0
Tezpur (P.B.O.)	86·6	..	91	11,12	69·3	..	65	4 days	0·43	3·77	..	0·85	4	6	..	2·4	1·7	..	9	0	0	3	1	0	0	0	0	0
Gauhati	87·1	+0·1	91	1,13	69·2	−1·8	66	6 days	0·26	0·75	−2·03	0·32	1	3	−1·2	2·8	1·6	+0·4	5	0	0	0	1	0	0	0	0	0
Gauhati (Kaikuchi Aerodrome).	87·0	..	92	4	70·8	..	65	31	0·89	2·11	..	0·72	1	3	..	..	..	..	5	0	0	4	8	0	0	0	0	0
Dhubri	85·8	+1·5	88	4	72·3	−0·5	67	31	1·43	7·17	+2·27	2·00	5	6	+1·0	3·4	2·3	−0·9	6	0	0	0	0	0	0	0	0	0
Silchar	87·0	−1·3	93	24	72·7	+0·5	67	26,31	1·54	6·98	−0·27	2·42	25	9	+1·1	1·1	0·7	−0·3	11	0	0	2	0	0	0	0	0	0
Tura	84·6	..	89	16	68·3	..	63	22,23	1·67	11·08	..	6·47	2	7	..	2·6	2·8	..	10	0	0	1	0	0	0	0	0	0
Lumding	86·8	+1·9	91	11	67·1	−2·8	61	23	0·65	2·16	−1·38	1·11	11	5	−0·9	1·3	0·9	..	7	0	0	0	0	0	0	0	0	0
Agartala	87·5	..	90	7 days	71·7	..	65	30	2·90	7·21	..	2·53	4	8	..	..	..	..	9	0	0	6	0	0	0	0	1	0
Imphal	81·8	..	86	12,18	62·9	..	53	31	0·71	2·37	.	0·99	25	6	..	3·9	2·9	..	11	0	0	0	3	0	0	0	0	0
West Bengal.																												
Dum Dum	88·5	..	93	4	75·7	..	71	5 days	0·54	1·12	..	0·71	8	2	..	4·1	3·3	..	5	0	0	4	1	0	0	0	0	0
Calcutta	89·1	−0·1	93	4 days	75·2	+1·4	70	21,23,31	1·63	2·96	−1·52	1·61	8	5	−1·2	3·5	2·2	+0·1	7	0	0	7	0	0	0	0	0	0
Barrackpore	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0	0	0	2	1	0	0	0	0	0
Saugor Island	86·0	−0·8	89	10,12,17	76·9	+0·6	72	22	1·70	6·20	−1·87	4·95	26	5	−2·5	9·1	7·5	+1·7	7	0	0	1	0	0	0	0	0	0
Sandheads	..	..	..	..	..	..	..	..	2 59	3·64	−0·99	1·83	13	6	+0·3	..	..	..	6	0	0	0	0	0	0	0	0	0
Midnapore	88·7	−0·4	94	5	73·2	−0·2	67	31	2·41	2·81	−0·99	1·87	7	4	−1·6	3·2	2·1	+0·7	6	0	0	0	0	0	0	0	0	0
Contai	89·6	..	91	6 days	76·4	..	71	30	1·07	3·52	..	1·82	14	5	..	3·9	2·6	..	5	0	0	1	0	0	0	0	0	0
Bankura	..	..	..	..	..	..	..	..	..	1·23	−1·89	0·73	7	3	−1·5	..	..	..	..	..	..	..	..	..	..	..	..	..
Burdwan	88·8	−0·3	93	4,5	73·8	−0·4	68	31	1·28	1·62	−1·68	1·20	6	2	−2·4	3·7	2·3	+1·0	3	0	0	0	0	0	0	0	0	0
Krishnagar	91·8	+2·3	96	4	73·0	0	64	31	0·61	1.23	−3·01	0·69	6	3	−2·0	2·0	1·4	−0·4	8	0	0	3	0	0	0	0	0	0
Asansol	89·6	+0·6	96	5	72·2	+1·4	63	31	0·60	0·97	−3·37	0·36	25	3	−2·5	2·9	1·7	−1·3	6	0	0	4	0	0	0	0	0	0
Berhampore	91·1	+2·7	96	5	73·7	−0·2	63	22	0·20	0·32	−3·32	0·32	2	1	−3·5	1·9	1·2	−0·2	1	0	0	1	0	0	0	0	0	0
Malda	88·5	+0·4	93	4,5	72·8	+0·5	65	31	0·30	2·20	−2·15	1·38	1	4	−0·3	3·6	2·5	−0·3	4	0	0	2	0	0	0	0	0	0
Cooch-Behar	89·4	..	93	6	69·9	..	63	23	1·62	5.58	−1·73	1·88	5	5	−1·2	1·7	0·9 (b)	..	5	0	0	0	0	0	0	0	0	0
Jalpaiguri	87·1	+0·4	90	7,21	69·5	−0·8	64	24	1·32	6·41	+0·85	3·30	5	6	+0·5	3·9	2·5	+1·3	6	0	0	4	0	0	0	0	0	0
Bagdogra	87·5	..	90	7,11,12	66·4	..	57	24	0·68	1·93	..	0·71	5	5	..	1·7	0·8	..	5	0	0	5	1	0	0	0	0	0
Orissa.																												
Balasore	87·5	−0·9	91	4 days	74·4	+1·1	68	31	0.34	1·27	−5·16	0·87	14	3	−3·4	4·7	3·0	+1·2	5	0	0	9	0	0	0	0	0	0
Chandbali	88·2	+0·3	93	5,6	75·3	+0·7	69	29,31	0·49	1·01	−6·62	0·56	14	3	−5·3	5·6	4·1	+0·4	3	0	0	2	0	0	0	0	0	0
Puri	88·3	-0·3	91	7,9,18	77·1	+0·1	73	5 days	2·19	2·74	−4·47	1·28	11	6	−1·3	9·0	8·0	+1·6	8	0	0	5	0	0	0	0	0	0
Bhubaneswar	87·9	..	91	5,7,8	73·1	..	66	31	5·55	5·88	..	3·00	9	7	..	7·9	5·9	..	7	0	0	9	0	0	0	0	0	0
Cuttack	90·7	+1·0	95	5,6,7	75·0	+0·6	68	31	1·06	3·04	−2·30	0·84	9	6	−0·3	4·3	3·1	+1·8	8	0	0	7	0	0	0	0	0	0
Cuttack (P.B.O.)	..	..	..	..	..	..	..	..	1·09	2·47	..	0·93	9	5	..	3·7	2·1	..	6	0	0	9	0	0	0	0	0	0
Gopalpur	88·3	+0·1	92	7	75·2	+0·6	68	31	1 08	1·86	−6·74	0·51	26	6	−0·9	4·5	6·7	+1·0	8	0	0	4	0	0	0	0	0	0
Koraput	80·1	..	84	1	65·0	..	54	31	3·09	5·87	..	1·20	16	11	..	..	..	..	16	0	0	0	0	0	0	0	0	0
Angul	88·2	−0·3	93	1	73·4	+1·8	66	31	0 13	0·30	−3·64	0·12	7	1	−4·7	3·8	2·8	−0·3	6	0	0	6	6	0	0	0	0	0
Sambalpur	89.2	+0·4	93	4 days	71·7	+0·2	62	31	0·19	0·71	−1·43	0·52	8	2	−1·5	3·4	2·1	−0·2	4	0	0	3	0	0	0	0	0	0
Jharsuguda	88·9	..	93	4	71 6	..	62	31	0·50	0·73	..	0·50	8	2	..	5·1	3·4	..	3	0	0	1	1	0	0	0	0	0
Titilagarh	89·4	..	94	1	72·8	..	64	31	0 63	3·08	..	1·88	24	5	..	2·6	1·5	..	6	0	0	3	1	0	0	0	0	
Chota Nagpur.																												
Purulia	88·3	..	94	5	71·1	..	65	23,31	1·00	3·21	..	1·96	2	5	..	2·4	1·7	..	6	0	0	2	0	0	0	0	0	
Jamshedpur	89·5	−0·2	94	5	72·8	+1·7	62	31	0 06	0·30	−2·36	0·20	14	1	−3·2	3·7	2·5	+0.4	3	0	0	5	0	0	0	0	0	
Jamshedpur (P.B.O.)	88·2	..	95	4	71·2	..	59	31	0·27	1·55	..	1·09	14	3	..	4·3	2·8	..	6	0	0	4	1	0	0	0	0	
Chaibasa	89·0	+0·8	94	5	71·5	+1·4	65	28,29,31	0·13	0·37	−2·56	0·12	7	2	−2·4	2·0	1·1	−0·1	4	0	0	7	0	0	0	0	0	
Ranchi	85·3	+2·2	90	7 days	65·6	−0·6	58	27	0·93	0·93	−2·20	0·70	5	2	−2·8	2·5	1·8	−1·1	3	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
ta Nagpur—*contd.*																												
zaribagh	85·1	+1·5	90	4	65·2	−1·3	58	21,22,23	1·07	1·44	−1·66	1·07	6	2	−2·6	4·4	3·3	−1·0	3	0	0	2	1	0	0	0	0	0
zaribagh (C.W.)	85·5	..	90	4	64·2	..	57	22,31	0·85	1·15	..	0·82	6	2	..	0·9	0·3	..	3	0	0	1	1	0	0	0	0	0
ltonganj	88·7	−0·4	94	4	67·4	+0·9	57	23	0	0·11	−1·82	0·11	5	1	−2·2	2·7	1·8	−0·2	1	0	0	0	0	0	0	0	0	0
ar.																												
nea	88·8	+0·9	93	5	68·2	−2·6	58	22,23	0·35	1·11	−2·11	0·68	1	2	−1·4	3·1	1·7	+0·4	2	0	0	1	0	0	0	0	0	0
besganj	90·0	..	103	31	80·5	..	71	21,22	0·15	0·78	..	0·63	1	2	..	2·6 (a)	2·3	..	3	0	0	1	0	0	0	0	0	0
rbhanga	86·5	−1·7	91	7	71·7	+0·1	64	31	0·06	5·83	+3·53	5·20	1	2	−0·5	0·6	0·2	−1·1	2	0	0	1	0	0	0	0	0	0
tihari	89·6	+1·5	94	4	68·5	−0·8	61	23,25	0	0·75	−1·56	0·75	1	1	−1·5	1·5	1·3	−0·4	1	0	0	0	0	0	0	0	0	0
uzaffarpur	..	..	..	..	..	..	..	..	..	3·07	+0·66	2·15	1	2	−0·5	..	..	..	..	..	..	..		..	..	..	..	..
apra	..	..	..	..	..	..	..	..	..	2·26	+0·15	2·26	1	1	−1·5	..	..	..	..	..	..	..	..	..	..	..	..	..
ah	..	..	..	..	..	..	..	..	..	0·77	−1·65	0·77	1	1	−2·0	..	..	..	..	..	..	..	..	..	..	..	..	..
na	90·5	+1·9	95	4	72·8	0	65	31	0	0·11	−2·19	0·11	1	1	−1·9	3·7	2·9	+0·9	1	0	0	0	0	0	0	0	0	0
na (Aerodrome)	89·3	..	93	4	69·9	..	62	21,31	0·05	0·30	..	0·25	1	1	..	3·8	1·8	..	2	0	0	0	1	0	0	0	0	0
hri	89·8	..	95	4	70·1	..	61	24	0	0·13	−1·82	0·13	1	1	−1·6	3·0	1·9	..	1	0	0	0	0	0	0	0	0	0
ya	89·6	+1·0	95	4	68·8	−1·2	61	4 days	0·20	0·72	−1·20	0·51	5	2	−0·9	4·6	3·5	+0·5	4	0	0	2	0	0	0	0	0	0
nui	89·9	..	92	3,4,5	70·4	..	61	22,23	0·04	0·35	..	0·31	1	1	..	3·1	1·7	..	2	0	0	0	0	0	0	0	0	0
mka	90·6	+2·5	96	4	69·2	−1·5	60	23	0·08	0·28	−3·53	0·10	1,14	2	−2·6	..	..	..	3	0	0	1	0	0	0	0	0	0
bour	89·7	+1·6	92	4 days	70·4	−0·6	60	23	0	0·48	−2·66	0·48	1	1	−1·9	4·4	2·4	−0·1	1	0	0	0	0	0	0	0	0	0
agalpur	91·1	..	95	8	72·7	..	65	23	0	0·86	..	0·86	1	1	..	3·7	2·3	..	1	0	0	1	0	0	0	0	0	0
P., East.																												
nda	89·5	−1·3	94	3,4	66·6	−0·9	57	31	0	0	−1·79	0	..	0	−1·7	2·2	1·6	−0·4	0	0	0	0	0	0	0	0	0	0
rakhpur	90·0	+0·9	94	4	69·5	+0·1	63	4 days	0	0	−2·97	0	..	0	−2·3	3·2	1·5	+0·5	0	0	0	0	0	0	0	0	0	0
amgarh	91·7	..	95	4	68·0	..	59	31	0	0·06	..	0·06	1	0	..	2·9	1·5	..	1	0	0	0	0	0	0	0	0	0
naras	91·0	+0·5	95	4	66·9	−1·1	59	25	0	0·84	−1·34	0·80	1	1	−1·2	2·6	1·9	+0·1	2	0	0	0	0	0	0	0	0	0
naras (Babatpur Aerodrome).	90·5	..	95	4	67·3	..	60	25	0	0·65	..	0·05	1	0	..	5·6	3·4	..	1	0	0	0	0	0	0	0	0	0
ahabad (Bamrauli)	91·1	+0·7	95	4	66.9	−0·2	60	31	0	0·02	−2·32	0·01	1,5	0	−2·5	3·3	1·8	−0·5	2	0	0	1	0	0	0	0	0	0
tehpur	86·6	−5·9	94	3	66·2	−0·3	59	27	0	0	−0·89	0	..	0	−1·4	3·1	1·8	+0·2	0	0	0	0	0	0	0	0	0	0
nda	92·9	..	97	4	67·2	..	60	25,26	0	0	..	0	..	0	..	0·7	0·2	..	0	0	0	0	0	0	0	0	0	0
ai	93·8	..	99	3	67·5	..	60	25,31	0	0	..	0	..	0	..	5·7	4·0	..	0	0	0	0	0	0	0	0	0	0
npur	91·5	+0·3	96	4	66·2	+0·2	60	25,31	0	0	−1·30	0	..	0	−1·5	3·1	1·9	−1·6	0	0	0	0	0	0	0	0	0	0
cknow	91·8	+0·4	95	3,4	67·7	+1·2	60	24	0	0	−1·28	0	..	0	−1·7	1·7	0·9	−0·2	0	0	0	0	0	0	0	0	0	0
cknow (Amausi Aerodrome).	90·9	−0·5	95	4	64·8	+1·0	56	21	0	0·02	−1·26	0·02	1	0	−1·7	4·3	2·5	..	1	0	0	0	0	0	0	0	0	0
rdoi	91·8	..	95	15	65·4	..	58	31	0	0	..	0	..	0	..	3·6	2·0	0	0	0	0	0	0	0	0	0	0	0
khimpur Kheri	91·5	..	95	4 days	65·0	..	58	31	0	0	..	0	..	0	..	2·2	1·2	0	0	0	0	0	0	0	0	0	0	0
braich	91·6	+1·5	95	3,4	67·3	−1·1	57	31	0	0	−1·58	0	..	0	−1·7	3·2	1·9	+0·5	0	0	0	0	0	0	0	0	0	0
P., West.																												
ansi	93·8	+0·7	100	1	66·1	−0·6	59	31	0	0	−0·99	0	..	0	−1·1	3·5	3·0	+0·6	0	0	0	0	0	0	0	0	0	0
ra	95·1	+2·3	101	2,3	64·2	−0·9	55	27,28	0	0	−0·71	0	..	0	−0·8	1·6	1·3	−1·1	0	0	0	0	0	0	0	0	0	0
ainpuri	95·5	+2·3	99	2,3	65·1	+0·1	58	24	0	0	−0·95	0	..	0	−1·0	2·9	1·4	+0·3	0	0	0	0	0	0	0	0	0	0
igarh	95·3	+2·2	100	3,5,6	65·7	−0·2	59	22	0	0	−0·31	0	..	0	−0·3	..	..	..	0	0	0	0	0	0	0	0	0	0
reilly	92·3	+2·6	97	2	66·2	+0·4	59	21		0	−1·27	0	..	0	−0·9	1·6	0·8	−0·2	0	0	0	0	0	0	0	0	0	0
jibabad	90·4	..	95	2	62·2	..	52	31	0	0	..	0	..	0	..	3·8	2·7	..	0	0	0	0	0	0	0	0	0	0
erut	92·6	+2·1	97	3	63·5	+0·9	57	22	..	0·04	−0·77	0·04	3	0	−0·9	..	2·4	..	1	0	0	0	0	0	0	0	0	0
orkee	89·6	+1·4	95	3	61·2	−0·2	54	31	0	0	−0·84	0	..	0	−0·9	2·1	2·0	+0·8	0	0	0	0	0	0	0	0	0	0
hra Dun	83·6	+0·7	87	2,3,4	59·9	−0·4	53	30,31	0	0·25	−1·01	0·25	1	1	−0·6	2·3	2·7	+0·8	1	0	0	0	0	0	0	0	0	0
jab (I).																												
w Delhi	93·5	+1·5	98	1,3	65·5	+0·2	57	31	0	0·09	−0·31	0·09	3	0	−0·6	6·8	4·1	+0·5	1	0	0	0	0	0	0	0	0	0
ssar	96·0	+1·4	103	1	62·7	−0·5	53	31	0	0·08	−0·53	0·08	4	0	−0·6	3·2	2·9	−0·3	1	0	0	0	0	0	0	0	0	0
rnal	91·9	..	96	3	61·2	..	55	22	0	0·22	..	0·22	3	1	..	2·6	2·2	..	1	0	0	0	0	0	0	0	0	0
mbala	94·7	+2·9	99	1,2	62·9	+0·8	57	24	0	0	−0·87	0	..	0	−0·9	4·4	3·5	+1·6	0	0	0	0	0	0	0	0	0	0
tiala	93·5	..	100	3	62·0	..	55	4 days	0	0	−0·07	0	..	0	−0·3	4·3	3·6	..	0	0	0	0	0	0	0	0	0	0
dhiana	95·9	+3·6	103	1	64·5	+0·3	51	31	0	0	−0·43	0	..	0	−0·7	2 5	1·3	+0·3	0	0	0	0	0	0	0	0	0	0
rozepur	93·2	..	99	1,2	61·3	..	52	26	0	0	..	0	..	0	..	1·9	0·8	..	0	0	0	1	0	1	0	0	0	0
ritsar	91·6	..	99	1,2	59·7	..	47	31	0	0	..	0	..	0	..	7·3	5·8	..	0	0	0	0	0	0	0	0	0	0
thankot	89·6	..	95	1,2	60·6	..	56	30,31	0·09	0 31	..	0·12	3	2	..	2·1	2·2	..	3	0	0	0	0	0	0	0	0	0
mmu & Kashmir.																												
inagar	74·8	+1·0	83	1,2	42·1	+1·5	36	31	0·34	1·14	−0·03	0·55	15	2	−0·8	2·4	1·8	−0·2	7	0	0	5	0	0	0	0	0	0
dmarg									Closed during winter months																			
namarg	..	..	..	..	..	..	..	..	..	0·19	−2·34	0·04	13	0	−5·2	..	..	..	..	..	..	..	..	..	..	..	..	..

(a) Mean of 30 days.

TABLE II—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER—OCTOBER 1953.

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
Jammu & Kashmir— *contd.*																												
Dras . . (R)																												
Kargil . . (R)																												
Leh . .	56·3	−2·0	67	2	28·9	−1·7	22	31	0	0	−0·10	0	..	0	−0·3	5·3	4·4	+2·5	0	0	0	0	0	0	0	0	0	0
Skardu . . (R)																												
Gurez .		..	..	..	..	..	..	..	..	0·72	−1·76	0·40	14	1	−5·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Gilgit . . (R)																												
Misgar . . (R)																												
Jammu . . (R)																												
Rajasthan, West.																												
Sri Ganganagar .	96 8	+1·7	103	1,2	63·9	+4·2	54	31	0·10	0·10	0	0·10	4	1	+0·7	5·6	3·2	−1·2	1	0	0	0	0	1	0	0	0	0
Bikaner . . .	96·3	−0·5	101	1,2	63·1	−3·2	52	31	0	0	−0·21	0	..	0	−0·4	4·3	3·1	−0·7	0	0	0	0	0	0	0	0	0	0
Jaisalmer . .	97·9	..	101	1,2	65·2	..	56	26	0	0	..	0	..	0	..	6·7	4·4	..	0	0	0	0	0	0	0	0	0	0
Jodhpur . . .	98·1	+2·6	102	12,13	64·9	−0·5	59	27,28	0	0	−0·32	0	..	0	−0·5	4·2	3·3	−1·5	0	0	0	0	0	0	0	0	0	0
Phalodi . . .	94·7	..	98	13	66·3	..	59	26	0	0	−0·07	0	..	0	−0·1	6·6	5·4	..	0	0	0	0	0	0	0	0	0	0
Barmer . . .	97·0	−0·1	101	12	70·4	+0·1	61	23	0	0	−0·10	0	..	0	−0·5	4·7	3·5	−1·2	0	0	0	0	0	0	0	0	0	0
Rajasthan, East.																												
Sikar . . .	93·2	..	97	2	59·0	..	47	31	0	0	..	0	..	0	..	5·2	3·3	..	0	0	0	0	0	0	0	0	0	0
Jaipur . .	94·2	+0·1	98	1,2	63·7	−0·6	56	22	0·05	0·05	−0·43	0·05	4	0	−0·7	3·5	2·5	−0·7	1	0	0	0	0	0	0	0	0	0
Jaipur (Sanganer Aerodrome).	93·3	..	97	1,15	63·6	..	56	22,31	0	0·06	..	0·06	4	0	..	4·1	3·2	..	1	0	0	0	0	0	0	0	0	0
Ajmer . . .	92·3	+0·8	96	15	61·7	−2·9	54	31	0	0	−0·38	0	..	0	−0·7	2·9	1·6	−0·5	0	0	0	0	0	0	0	0	0	0
Kotah . . .	96·1	+1·5	99	5 days	69·0	−1·3	61	26	0·01	0·16	−0·49	0·15	2	1	0	1·7	1·2	−0·3	2	0	0	1	0	0	0	0	0	0
Jhalawar . .	94·7	+2·8	98	2,23	62·9	−1·2	56	22,23	0	0·11	−0·44	0·11	1	1	−0·5	3·1	1·5	−0·1	1	0	0	0	0	0	0	0	0	0
Udaipur . . .	90·5	−1·2	94	13	59·4	−4·3	53	26	0	0	−0·57	0	..	0	−1·1	2·9	1·3	..	0	0	0	0	0	0	0	0	0	0
Madhya Bharat.																												
Gwalior (P.B.O.)	92·8	+0·5	99	3	64·2	0	53	21	0·02	0·17	−0·16	0·17	4	1	+0·4	4·0	2·6	..	1	0	0	0	0	0	0	0	0	0
Sheopur Kalan .	95·0	..	99	2	62·4	..	54	22	0	0	..	0	..	0	..	2·1	1·4	..	0	0	0	0	0	0	0	0	0	0
Guna . . .	92·7	+3 1	98	2	61·1	−1·1	52	25,26	0	0	−1·05	0	..	0	−1·6	5·8	1·9	+0·2	0	0	0	0	0	0	0	0	0	0
Neemuch . .	91·7	+0·7	95	14	64·3	−0·3	57	23	0	0	−0 62	0	..	0	−0·9	4·9	3·4	−0·5	0	0	0	0	0	0	0	0	0	0
Ratlam . . .	91·7	..	95	14,15,16	64·8	..	59	26,31	0	0	..	0	..	0	..	6·0	3·6	..	0	0	0	0	0	0	0	0	0	0
Indore . . .	88·8	+0·1	92	3,15	61·7	−0·6	54	26	0·43	0·50	−0·71	0·31	7	2	0	8·8	6·2	..	3	0	0	1	0	0	0	0	0	0
Bhopal (Bairagarh) .	89·6	+1·7	94	2	63·4	−0·7	55	26	0·15	0·15	−1·51	0·07	4	0	−2·4	5·6	4·2	+0·9	3	0	0	1	0	0	0	0	0	0
Vindhya Pradesh.																												
Nowgong . .	92·4	+1·7	96	2,3	61·3	−3·5	54	22,31	0	0	−1·13	0	..	0	−1·5	3·8	1·8	+0·6	0	0	0	0	0	0	0	0	0	0
Sutna . . .	89·3	+0·9	93	3	63·7	−2·2	57	31	0·10	0·16	−1·77	0·10	5	1	−1·2	3·0	1·5	−0·6	2	0	0	2	0	0	0	0	0	0
Umaria . . .	87·5	+0·7	92	2,3	61·3	−1·8	53	22,23,24	0·17	0·22	−2·25	0·16	5	1	−1·7	3·3	1·7	−0·1	2	0	0	1	0	0	0	0	0	0
Madhya Pradesh, East.																												
Gondia . . .	87·7	..	94	2	70·2	..	64	22,31	1·51	4·88	..	3·25	6	4	..	3·0	1·8	..	4	0	0	3	0	0	0	0	0	0
Pendra . . .	83·4	+0·3	88	3	64·9	+0·8	58	23	1·65	1·85	−1·14	0·88	6	2	−2·1	3·3	1·6	−0·5	4	0	0	5	1	0	0	0	0	0
Raigarh . . .	90·3	..	94	2,4,5	72·9	..	64	31	0·04	0·04	..	0·04	19	0	..	3·6	2·5	..	1	0	0	0	0	0	0	0	0	0
Ambikapur . .	84·4	..	89	5	63·4	..	54	24	0	0·09	..	0·03	5,6	0	..	5·3	3·5	..	4	0	0	0	0	0	0	0	0	0
Champa . . .	90·0	..	97	4	71·2	..	64	31	0·51	0·51	..	0·51	6	1	..	3·6	2·8	..	1	0	0	4	0	0	0	0	0	0
Raipur . . .	87·0	−1·5	93	4	71·8	+2·1	65	31	2·50	2·76	+0·59	1·35	18	5	+1·7	5·1	3·3	−0 1	7	0	0	5	0	0	0	0	0	0
Kanker . . .	85·5	−1·0	90	4	70·0	+2·8	60	31	2·95	4·06	−0·38	1·00	25	9	+3·7	2·5	1·9	−0·4	10	0	0	5	0	0	0	0	0	0
Chanda . . .	87·3	−2·5	93	1	70·8	+2·6	63	31	0·08	2·02	−0·02	1·29	17	3	+0·1	2·9	1·6	−0·1	5	0	0	7	0	0	0	0	0	0
Sironcha . .	88·0	..	92	1,3,20	73·6	..	65	31	1·19	5·61	..	3·63	10	9	..	3·1	2·3	..	11	0	0	1	0	0	0	0	0	0
Jagdalpur (P.B.O.) .	86·5	+1·1	91	1,2	69·9	+2·9	59	31	2·85	5·11	+0·75	1·43	11	8	+2·3	2·5	1·0	..	15	0	0	9	0	0	0	0	0	0
Madhya Pradesh, West.																												
Buldhana . .	86·8	..	91	2	68·6	..	65	4 days	0·61	0·77	..	0·49	4	2	..	6·3	4·3	..	5	0	0	0	1	0	0	0	0	0
Akola . . .	92·0	−0·6	96	1	68·3	+1·4	62	22	0·10	0·89	−0·93	0·77	2	2	−0·5	5·2	4·0	+1·3	2	0	0	3	0	0	0	0	0	0
Amravati . .	89·8	−1·1	93	4 days	69·7	+1·0	65	31	0·16	1·41	−0·52	0·68	2	4	+1·4	6·4	4·7	+1·5	4	0	0	4	0	0	0	0	0	0
Yeotmal . . .	87·0	..	91	1,3	67·5	..	63	14	0	0·57	..	0·48	4	1	..	6·8	4·7	..	2	0	0	4	0	0	0	0	0	0
Khandwa . .	90·5	−2·0	95	19	63·2	−2·9	54	23,24	0	0·71	−0·68	0·54	3	2	0	4·0	2·5	−0·1	2	0	0	0	0	0	0	0	0	0
Hoshangabad . .	90·8	+1·1	95	15	66·5	−0·2	58	31	0·05	0·28	−1·00	0·14	4	1	−1·0	2·3	1·3	0	3	0	0	2	0	0	0	0	0	0
Sagar . . .	88 4	+0·2	93	2	66·5	+0·2	61	24,26	0·30	0·64	−0·45	0·63	5	1	−0·9	7·6	7·1 (c)	−0·6	2	0	0	1	0	0	0	0	0	0
Jabalpur . . .	89·1	+1·3	95	2,3	63·4	−0·1	56	22,23,24	1·06	1·08	−0·80	1·05	5	1	−1·3	1·0	1·6	+0·2	2	0	0	2	1	0	0	0	0	0
Mandla . . .	87·8	..	91	2,3	62·1	..	53	23,31	0·30	0·32	..	0·30	4	1	..	3·9	1·4	..	2	0	0	3	2	0	0	0	0	0
Seoni . . .	85·3	−1 1	92	2	65.5	+1·4	57	23	0·44	2·54	+0·27	1·40	17	6	+2·9	5·3	3·0	+0·6	6	0	0	0	0	0	0	0	0	0

(R)—Register not received. (c) Mean 28 days.

ion 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
ıya Pradesh, t—*contd.*																												
ıdwara	86·3	..	92	2	62·7	..	56	22,31	0·54	0·87	..	0·60	6	2	..	4·8	2·6	..	2	0	0	1	0	0	0	0	0	0
	85·9	..	90	2	61·6	..	53	31	0·32	0·92	..	0·53	3	3	..	5·3	3·0	..	3	0	0	2	1	0	0	0	0	0
ɔur	89·2	−1·4	94	1,2,3	67·3	+0·8	61	30,31	0·10	0·41	−1·76	0·39	5	1	−2·1	4·6	2·7	..	2	0	0	3	1	0	0	0	0	0
:at.																												
a	97·8	..	100	5 days	63·9	..	57	28	0	0	..	0	..	0	..	..	..	..	0	0	0	0	0	0	0	0	0	0
t	99·4	+5·3	104	17,19	74·2	+2·1	69	25	0	0	−1·51	0	..	0	−2·0	4·9	4·0	+1·4	0	0	0	0	0	0	0	0	0	0
edabad	97·4	+0·2	101	13	66·2	−3·2	59	24	0	0	−0·35	0	..	0	−0·7	4·3	2·7	−0·3	0	0	0	0	0	0	0	0	0	0
ıd	94·6	+1·7	98	13,17	67·4	+0·5	60	25,26	0·62	0·62	−0·78	0·62	9	1	−1·0	5·9	4·8	+1·9	1	0	0	1	0	0	0	0	0	0
da	96·4	+1·0	100	14	65·6	−0·5	57	26,27	0	0	−1·76	0	..	0	−1·3	4·0	1·5	−0·4	0	0	0	0	0	0	0	0	0	0
da (Aerodrome)	96·4	..	99	6 days	68·5	..	59	27	0	0	..	0	..	0	..	5·9	3·8	..	0	0	0	0	1	0	0	0	0	0
ch	98·6	..	103	14	70·6	..	61	25	0·22	0·22	..	0·16	5	1	..	4·3	3·2	..	2	0	0	0	0	0	0	0	0	0
shtra and Kutch																												
	96·1	0	99	7 days	68·9	−1·6	62	28,30	0	0	−0·33	0	..	0	−0·5	4·9	3·2	−1·3	0	0	0	0	0	0	0	0	0	0
(P.B.O.)	..	..	..	..	..	..	..	..	0	0	..	0	..	0	..	4·2	2·3	..	0	0	0	0	0	0	0	0	0	0
rka	90·3	+3·0	98	19	75·3	−0·2	70	27,28	0	0	−0·25	0	..	0	−0·3	10·9	8·5	+1·6	0	0	0	0	0	0	0	0	0	0
andar	95·6	..	103	19,21	73·8	..	68	27	0	0	..	0	..	0	..	8·1	6·7	..	0	0	0	0	0	0	0	0	0	0
ıagar	95·3	+1·0	99	14,17,18	68·5	−1·3	60	27,28	0	0	−0·31	0	..	0	−0·5	..	..	..	0	0	0	0	0	0	0	0	0	0
ot	95·8	0	99	13,14,19	68·4	−0·3	60	28	0	0	−0·57	0	..	0	−1·1	2·6	1·8	−2·4	0	0	0	0	2	0	0	0	0	0
ot (Aerodrome)	96·8	..	100	13,19	67·4	..	60	28	..	0	..	0	..	0	..	..	6·9	..	0	0	0	0	1	0	0	0	0	0
val	95·5	..	100	17,18,23	71·0	..	65	26	0	0	−0·62	0	..	0	−0·8	11·0	8·2	+3·3	0	0	0	0	0	0	0	0	0	0
uva	96·0	..	101	9	72·2	..	68	23,27,31	0	0	..	0	..	0	..	9·2	6·0	..	0	0	0	0	0	0	0	0	0	0
nagar	96·8	+1·0	100	14,18	69·9	−0·8	61	26	0	0	−0·90	0	..	0	−0·9	5·7	3·3	+0·5	0	0	0	0	0	0	0	0	0	0
nagar (Aerodrome).	95·8	..	99	18,19	71·2	..	63	27	..	0	..	0	..	0	..	..	7·8	..	0	0	0	0	0	0	0	0	0	0
an.																												
anu	91·9	..	97	4 days	74·1	..	68	24,25	0	0·23	..	0·23	19	1	..	8·0	6·3	..	1	0	0	0	0	0	0	0	0	0
bay (Colaba)	91·2	+2·4	95	17,21	77·0	+1·4	73	6,8,19	0·02	3·24	+0·78	1·50	6	3	−0·1	4·7	3·9	−2·2	5	0	0	7	0	0	0	0	3	0
bay (Santacruz erodrome).	92·7	+3·4	96	4 days	72·6	+0·9	69	16	0·03	0·95	−1·59	0·76	19	1	−2·1	7·2	4·5	..	5	0	0	3	0	0	0	0	1	0
ag	89·8	+1·3	97	17	75·0	+0·5	71	9	..	1·79	−3·24	0·62	6	4	−1·1	..	4·9	−0·3	4	0	0	9	0	0	0	0	0	0
ıai	87·8	..	94	26	78·2	..	74	8	0·52	1·00	..	0·26	18	4	..	7·4	5·9	..	8	0	0	2	0	0	0	0	0	0
ıagiri	88·6	..	93	17,26,30	75·5	..	73	4 days	3·47	10·00	..	2·01	22	13	..	..	..	..	16	0	0	13	0	0	0	0	0	0
rad	88·3	..	94	17	76·0	..	73	9,22	0·85	7·66	..	1·67	27	11	..	7·8	6·1	..	19	0	0	0	0	0	0	0	0	0
gurla	88·7	..	96	16	75·2	..	72	9	2·49	7·38	..	1·98	24	13	..	..	..	..	16	0	0	21	1	0	0	0	0	0
magao	85·6	−0·3	91	16	76·0	+1·3	74	4 days	2·38	6·92	+0·44	1·50	7	13	+5·1	7·2	5·7	+1·0	20	0	0	25	0	0	0	0	0	0
war	86·1	..	90	30	75·2	..	73	4 days	3·37	10·58	..	1·50	23	15	..	..	..	..	24	0	0	4	0	0	0	0	0	0
avar	..	..	..	..	74·9	..	72	5,18	2·39	8 64	+1·42	1·52	12	16	+8·1	2·0	1·4	..	25	0	0	0	0	0	0	0	0	0
an (Desh).																												
ndala	..	..	..	..	..	..	..	..	..	7·15	+0·06	1·11	4	9	+2·7	..	..	..	10	..	..	..	..	..	..	..	..	..	..
ion	94·2	..	97	5 days	66·1	..	58	31	0	1·16	−0·28	0·88	3	2	+0·2	6·6	4·9	..	2	0	0	1	0	0	0	0	0	0
gaon	91·2	−0·5	95	2,3	65·8	−0·1	58	25	0·02	5·18	+3·47	4·67	4	2	−0·7	4·3	2·2	−1·7	3	0	0	0	0	0	0	0	0	0
ali	88·7	..	92	3	64·9	..	58	25	..	2·68	..	1·92	19	3	..	..	2·3	..	5	0	0	6	0	0	0	0	0	0
ednagar	87·8	−0·8	93	2	67·0	+1·4	60	31	0·92	3·16	+0·99	1·72	4	4	+0·6	5·8	3·5	−1·3	8	0	0	0	0	0	0	0	0	0
a	89·0	−0·4	93	1,2	68·8	+2·5	64	23	2·23	3·65	+0·11	0·93	7	7	+1·9	3·0	1·4	−2·6	11	0	0	8	2	0	0	0	0	0
a (Lohagaon erodrome).	88·8	..	92	14,17	68·6	..	63	23	0·47	1·13	..	0·43	1	4	..	..	..	..	5	0	0	7	3	0	0	0	0	0
	86·5	..	92	3	69·9	..	61	31	0·23	4·54	..	1·90	5	8	..	5·6	3·7	..	13	0	0	11	0	0	0	0	0	0
apur	86·4	−4·2	90	3,17,18	70·1	+1·3	65	14,16	0·58	6·68	+3·64	1·65	4	12	+7·7	7·1	5·3	−0·6	14	0	0	4	0	0	0	0	0	0
ij	85·2	−1·7	89	3	69·7	+1·4	66	14	3·77	7·79	+3·67	1·70	2	14	+7·6	7·0	5·1	−0·3	22	0	0	13	0	0	0	0	0	0
apur	84·7	..	88	2,17	69·3	..	65	16	1·44	10·15	..	2·66	27	13	..	7·9	5·2	..	20	0	0	15	4	0	0	0	0	0
ur	84·6	−4·1	89	1,20,21	70·4	+1·6	67	14,15	4·01	7·79	+4·90	1·74	24	12	+7·9	3·6	2·5	−0·8	18	0	0	1	1	0	0	0	0	0
aum	81·2	−2·2	84	2,20	67·8	+2·4	65	6,8,10	4·84	20 33	+15·56	3·16	29	18	+10·5	2·8	3·1	0	19	0	0	1	0	0	0	0	0	0
aum (Sambre erodrome).	81·4	..	85	2	67·9	..	65	10	3·06	13·94	..	2·87	29	19	..	9·6	7·4	..	22	0	0	11	0	0	0	0	0	0
ag	84·7	−2·1	92	1	71·0	+2·0	66	8,10	4·13	13·38	+9·57	4·13	10	13	+5·7	4·9	3·7	−1·4	18	0	0	10	0	0	0	0	0	0
rabad, North.																												
ngabad	89·6	−0·1	94	2	67·5	+0·6	62	23,31	1·79	3·66	+1·87	1·29	9	6	+3·2	6·3	5·2	+0·3	7	0	0	5	0	0	0	0	0	0
ngabad (Chikal-ana Aerodrome).	89·2	..	94	2	63·6	..	56	23,31	9·16	0·57	..	0·25	4	3	..	8 3	5·0	..	6	0	0	7	0	0	0	0	0	0
hani	88·5	..	92	1,2,4	67·2	..	59	31	0·26	2·78	+0·69	2·05	4	5	+2·0	4·8	2·5	..	7	0	0	4	0	0	0	0	0	0
agundam	88·5	..	94	1	74·2	..	67	31	1·41	3·93	..	1·45	8	5	..	4·0	2·5	..	11	0	0	0	0	0	0	0	0	0
mabad	86·1	−3·2	91	1	71·6	+3·6	63	31	0·87	4·91	+2·91	1·60	5	6	+3·0	3·8	2·6	+0·3	11	0	0	8	0	0	0	0	0	0
r	88·2	−2·4	88	1,5	68·8	−0·8	66	10,14	3·15	5·64	+3·43	1·72	10	12	+8·3	6·1	4·7	−0·8	17	0	0	0	0	0	0	0	0	0

TABLE II—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER—OCTOBER 1953.

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	86·4	−4·1	91	8	71·3	+2·3	67	15	1·19	6·86	+4·17	2·35	10	9	+5·0	7·3	6·1	+0·5	13	0	0	2	0	0	0	0	0	0
Raichur	86·0	−3·9	91	2	73·2	+1·0	70	22	1·36	5·87	+2·82	1·61	5	12	+7·7	5·7	4·8	−0·9	13	0	0	2	0	0	0	0	0	0
Mahbubnagar	84·7	..	91	2	71·2	..	68	10,15,31	4·40	7·35	..	1·62	14	13	..	6·7	5·5	..	21	0	0	11	0	0	0	0	0	0
Hyderabad (Begumpet Aerodrome).	84·7	−2·3	89	4 days	69·9	+3·1	63	15,31	2·71	10·60	+8·15	4·06	26	14	+9·7	6·3	4·7	−0·4	17	0	0	15	0	0	0	0	0	0
Hakimpet	83·7	..	88	2,4,5	69·4	..	65	14	2·22	8·49	..	1·22	26	13	..	..	..	..	19	0	0	11	0	0	0	0	0	0
Hanamkonda	87·7	−1·8	92	5	73·4	+2·5	67	31	1·42	7·15	+4·54	2·05	8	11	+6·9	4·8	3·4	+0·4	13	0	0	8	0	0	0	0	0	0
Bhadrachallam	88·6	..	92	4 days	74·4	..	69	31	2·46	7·22	..	2·70	25	13	..	4·2	3·0	..	14	0	0	4	0	0	0	0	0	0
Khammameth	89·5	..	96	1	75·3	..	70	31	2·93	8·72	..	2·61	9	10	..	3·6	2·1	..	13	0	0	8	0	0	0	0	0	0
Coastal Andhradesa.																												
Nellore	88·6	−2·1	96	1,2	77·2	+1·3	73	17	7·89	15·90	+6·34	6·31	22	13	+4·1	4·9	3·6	+0·7	15	0	0	7	0	0	0	0	1	0
Ongole	86·9	..	93	5	76·4	..	73	22	4·48	19·31	..	7·28	22	15	..	4·0	3·0	..	15	0	0	6	0	0	0	0	0	0
Gannavaram	88·4	..	92	1,2,9	76·2	..	72	22,31	2·12	4·38	..	2·56	22	7	..	8·1	6·0	..	10	0	0	11	0	0	0	0	0	0
Masulipatam	86·4	−0·2	90	4 days	77·6	+0·6	73	22	3·76	11·15	+2·55	7·17	22	12	+3·5	7·5	5·5	+1·9	17	0	0	12	0	0	0	0	0	0
Kakinada	85·9	−2·0	91	3,4,5	77·7	+1·8	74	30,31	3·37	17·56	+9·04	7·58	22	10	+1·4	11·0	8·0	+3·1	17	0	0	1	0	0	0	0	0	0
Visakhapatnam	88·1	−2·1	91	7 days	77·1	+1·1	72	30,31	2·41	8·17	+0·34	3·30	24	7	−1·3	6·5	4·8	+0·6	15	0	0	3	0	0	0	0	0	0
Calingapatam	86·0	−2·1	90	8	76·5	+0·8	72	31	1·59	6·75	−1·12	2·50	1	9	+2·3	11·3	8·3	+3·6	11	0	0	1	0	0	0	0	0	0
Rentachintala	89·5	−2·0	96	4	74·4	+0·6	71	6	2·24	8·66	+3·67	3·00	6	15	+7·4	2·5	2·0	−2·2	17	0	0	15	0	0	0	0	0	0
Rayalaseema.																												
Arogyavaram	82·0	..	88	3	68·5	..	66	5	4·18	15·11	..	2·84	5	17	..	3·5	2·4	..	26	0	0	4	0	0	0	0	0	0
Cuddapah	87·5	−4·5	95	3	75·5	+1·0	71	9	2·15	6·69	+1·83	2·30	22	9	+2·2	2·7	1·9	−1·8	12	0	0	0	0	0	0	0	0	0
Bellary	85·0	−4·8	90	4 days	72·3	+1·0	70	1,22,30	3·00	11·36	+7·20	3·40	4	16	+10·1	3·1	2·3	−0·8	20	0	0	8	0	0	0	0	0	0
Kurnool	87·8	−2·8	94	2	74·6	+2·9	71	10,22	0·44	10·02	+6·82	2·46	23	13	+8·1	2·1	3·0	−0·1	13	0	0	6	0	0	0	0	0	0
Anantapur	85·2	..	91	2	72·6	..	69	4	3·12	12·75	+8·81	2·01	7	17	+11·5	4·0	4·1	..	19	0	0	12	0	0	0	0	0	0
Tamilnad.																												
Palayamcottai	93·4	..	101	1	77·3	..	74	13	4·65	5·53	−1·52	1·41	19	9	+0·4	5·1	3·7	..	12	0	0	6	0	0	0	0	0	0
Pamban	86·7	−1·2	89	9,12,30	78·7	+1·0	72	13	0·54	10·38	+1·85	5·12	21	10	+0·6	8·7	7·6	+0·4	12	0	0	2	0	0	0	0	0	0
Mathurai	89·8	−0·4	95	1,2	74·9	+0·3	72	13,18	1·28	11·98	+4·56	2·94	18	16	+5·8	2·9	2·3	−0·4	18	0	0	9	0	0	0	0	0	0
Nagapattinam	87·3	−1·4	93	1,3,4	77·5	+1·0	72	27	0·44	4·78	−5·80	1·73	16	11	+0·8	6·7	5·6	+1·3	17	0	0	3	0	0	0	0	0	0
Tiruchirapalli	88·2	−2·2	93	1,2	75·0	+1·0	72	4 days	0·47	13·79	+6·58	3·82	28	14	+4·5	5·3	4·5	−1·2	19	0	0	15	0	0	0	0	0	0
Coimbatore	85·5	−2·2	90	4	72·2	+1·5	67	14	2·94	8·60	+2·29	1·70	14	13	+3·3	5·8	4·1	+1·4	15	0	0	9	0	0	0	0	0	0
Coimbatore (Peelamedu Aerodrome).	86·7	..	92	1,4	71·7	..	67	14	1·20	5·66	..	1·17	14	13	..	7·9	6·8	..	13	0	0	18	1	0	0	0	0	0
Salem	86·8	−3·0	92	5	73·5	+1·6	71	9,30	4·42	12·73	+6·29	1·72	15	21	+11·3	3·0	2·9	+0·5	26	0	0	16	0	0	0	0	0	0
Kallakurichi	88·8	..	94	1	74·9	..	72	22	2·07	9·70	..	2·08	26	15	..	..	..	..	19	0	0	6	0	0	0	0	0	0
Cuddalore	86·4	−2·1	92	1	76·7	+1·5	73	30	4·04	14·53	+3·00	3·81	26	11	+0·2	6·0	4·4	+1·3	16	0	0	10	0	0	0	0	0	0
Vellore	87·3	−1·6	94	1	74.7	+1·9	71	22	2·32	8·05	+1·25	1·41	22	13	+3·8	3·3	2·7	+0·7	21	0	0	14	0	0	0	0	0	0
Madras	87·1	−3·0	95	1	76·2	+1·2	73	7,17,22	10·51	18·75	+6·71	3·83	21	16	+5·3	6·8	5·0	−1·7	20	0	0	20	0	0	0	0	1	0
Madras (Nungambakkam).	86·8	..	93	1	76·5	..	73	12	..	21·81	..	4·13	21	18	..	..	2·9	..	22	0	0	14	0	0	0	0	0	0
Malabar & South Kanara.																												
Mangalore	86·6	+0·7	89	10,12,20	75·5	+0·9	71	12	0·83	9·28	+1·13	2·23	12	12	+1·6	4·8	4·3	+0·2	20	0	0	21	1	0	0	0	0	0
Kozhikode	87·9	+1·6	90	11,21	75·5	+0·7	73	10	2·12	13·24	+2·97	2·87	10	17	+5·8	7·5	5·5	+1·1	23	0	0	13	0	0	0	0	0	0
Palghat	87·9	..	91	4,8	74·7	..	71	11	3·00	13·10	..	3·00	15	12	..	6·2	4·8	..	18	0	0	11	0	0	0	0	0	0
Mysore.																												
Chitaldrug	82·6	−2·6	87	2,3	69·2	+1·0	66	22	1·95	9·59	+4·83	2·73	25	14	+7·6	4·4	3·0	−0·7	17	0	0	5	0	0	0	0	0	0
Shimoga	84·3	..	87	2	70·4	..	68	11	3·66	8·81	..	1·14	15	16	..	2·4	2·0	..	22	0	0	2	3	0	0	0	0	0
Hassan	81·4	−0·8	84	9	67·1	+2·4	64	30	3·73	15·00	+8·93	2·60	15	22	+12·9	4·2	3·4	+0·1	26	0	0	15	0	0	0	0	0	0
Bangalore (Central Observatory).	81·0	−0·7	84	5 days	67·1	+2·2	65	1,7,15	3·81	19·83	+13·96	3·21	30	18	+9·5	4 8	4·1	0	24	0	0	15	0	0	0	0	0	0
Bangalore (Aerodrome).	83·2	..	87	5 days	66·9	..	64	7,30	2·03	19·42	..	6·66	7	16	..	..	..	..	22	0	0	18	0	0	0	0	0	0
Mysore	82·1	−2·1	87	6	68·4	+1·4	65	31	3·22	15·37	+9·49	1·93	26	17	+8·4	4·9	4·2	..	22	0	0	14	0	0	0	0	0	0
Balehonnur	79·2	+0·2	83	19	65·8	+1·4	64	31	..	20·22	+12·39	2·81	12	24	+12·(	..	..	..	28	0	0	1	0	0	0	0	0	0
Travancore-Cochin.																												
Fort Cochin	85·9	+1·6	89	10	75·6	+0·3	73	14	1·61	20·19	+6·82	2·57	22	21	+6·8	5·5	3·8	+0·1	28	0	0	17	0	0	0	0	0	0
Cochin (Willingdon Island Aerodrome).	86·0	..	88	4 days	74·9	..	71	25	1·32	18·53	..	2·21	22	21	..	4·8	3·0	..	25	0	0	17	0	0	0	0	0	0
Alleppey	86·7	..	88	8 days	75·1	..	73	14,27	4·04	19·90	..	2·39	31	21	..	..	..	..	30	0	0	15	0	0	0	1	1	
Trivandrum	85·2	−0·8	89	1,2	74·3	+0·2	71	13	6·30	20·26	+9·93	7·31	26	16	+3·8	5·3	3·9	..	25	0	0	14	0	0	0	0	0	

on 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
ations exclud-ashmir.																												
ma	71·2	..	75	1	62·2	..	55	31	0·89	2·45	..	1·15	25	6	..	2·1	2·2	..	9	0	0	1	17	0	0	0	0	0
*																												
ong	71·6	+0·5	77	1	54·5	−0·3	49	31	1·17	2·10	−4·62	1·05	2	6	−4·0	2·0	1·5	+0·3	10	0	0	3	1	0	0	0	0	0
rapunji	71·2	−0·7	77	17	59·3	−1·2	55	30,31	1·99	13·02	−6·40	5·25	2	7	−2·3	5·6	4·8	+1·7	11	0	0	0	13	0	0	0	0	0
lling (Rajwan)	67·0	+2·9	73	7	51·3	−0·7	47	21,31	0·09	0·42	−4·99	0·33	1	1	−3·8	1·6	1·2	0	3	0	0	0	18	0	0	0	0	0
npong	72·9	+0·9	76	21	65·9	+5·6	63	30	0	0·91	−4·10	0·38	4	3	−1·8	6·0	3·4	−3·0	4	0	0	0	2	0	0	0	0	0
aandu	78·7	−1·4	84	1,4	53·8	−2·6	48	5 days	0·15	0·15	−1·29	0·15	2	1	−2·2	1·3	0·5	−0·3	1	0	0	1	19	0	0	0	0	0
eswar (Kumaon)	67·1	+2·1	72	5	50·0	+0·3	47	23,24	0	0	−1·88	0	..	0	−2·3	8·0	7·9	+3·2	0	0	0	0	0	0	0	0	0	0
ital	66·5	..	71	3	49·5	..	45	25	0	0	..	0	..	0	..	5·5	4·4	..	0	0	0	0	0	0	0	0	0	0
al	43·7	..	47	5 days	27·2	..	23	31	..	1·71	..	0·53	3	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
ma Chetty	..	..	..	..	..	..	..	..	..	0·80	..	0·40	1	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
ooree	66·9	+2·8	73	3,11, 18	52·6	+1·3	50	19,23,31	0	0	−1·14	0	..	0	−2·3	4·8	3·9	−0·4	0	0	0	0	0	0	0	0	0	0
sali	..	..	..	..	..	..	..	..	..	2·07	..	1·07	1	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	..	..	..	..	..	..	..	..	..	0.43	..	0·43	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
a	65.3	+1·0	71	2	51·5	+0·1	48	23,30,31	0·05	0·11	−1·07	0·06	4	0	−1·9	2·7	1·9	−0·9	2	0	0	2	0	0	0	0	0	0
rampur	..	..	..	..	..	..	..	..	..	0	−1·02	0	..	0	−1·3	..	..	..	..	..	..	..	..	..	..	..	..	..
ang	..	..	..	..	..	..	..	..	..	0	−0·78	0	..	0	−1·3	..	..	..	..	..	..	..	..	..	..	..	..	..
lla	..	..	..	..	..	..	..	..	..	0.18	..	0·10	14	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
i	..	.	..	..	..	..	..	..	..	0.39	..	0·25	2	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
ar (R)																												
ousie	71·1	..	77	2	52·3	..	41	15	0	1·60	+0·26	1·44	15	2	−0·1	1·5	2·1	..	2	0	0	0	0	0	0	0	0	0
ramshala	77·4	..	83	3	61·1	..	57	31	0·03	0·13	..	0·05	3,15	0	..	3·8	2·5	..	3	0	0	0	0	0	0	0	0	0
marhi	79·8	+0·5	84	1,3	57·0	−1·9	51	5 days	2·78	3·43	+1·13	1·56	6	4	+1·0	3·2	1·8	−0·5	4	0	0	3	0	0	0	0	0	0
	81·0	+1·9	85	12	62·5	−1·9	58	27	0	0	−0·76	0	..	0	−0·9	0·1	1·2 (d)	−2·2	0	0	0	0	0	0	0	0	0	0
abaleshwar	75·1	+0·9	79	2	62·1	+0·8	59	31	4·31	5·14	−1·21	1·32	8	11	+3·1	6·1	5·8	−1·8	16	0	0	8	9	0	0	0	0	0
li Hills	71·9	..	75	4 days	61·8	..	60	11	..	18·42	..	2·50	6	22	..	..	..	..	22	0	0	0	0	0	0	0	0	0
ara	74·3	−1·0	77	20	64·2	+1·7	61	31	3.30	10·58	+2·29	1·81	21	20	+7·1	4·7	3·8	+0·4	24	0	0	0	0	0	0	0	0	0
aikanal	63·5	+1·4	68	24	52·5	+1·3	50	30	9·65	19·04	+8·80	3·85	10	22	+6·7	5·5	5·7	−1·1	27	0	0	18	0	0	0	0	0	0
camund	66·5	+1·9	70	20	52·2	+1·7	50	7 days	8·50	16·12	+8·14	1·83	30	21	+7·2	3·6	2·5	+0·3	25	0	0	2	2	0	0	0	0	0
oor	69·7	0	73	24,25,26	57·2	+1·1	54	4,22,27	..	15·71	+5·58	3·25	15	18	+3·9	..	3·1	+0·3	25	0	0	7	0	0	0	0	0	0
a.																												
gu	..	..	..	..	..	.	..	..	..	4·12	..	1·25	6	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
agthang	..	..	..	..	..	..	..	..	..	9·47	..	4·25	2	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
en	50·0	..	55	1,4,11	37·9	..	31	12	..	5·41	..	1·52	2	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
ng (Chumbi)	60·3	+1·6	64	3,6	16.9	−20·0	10	19	..	0·87	−1·07	0·40	2	2	−1·4	..	..	..	5	0	0	0	0	0	0	0	0	0
a	69·3	..	75	6 days	32·5	..	26	31	0·03	0·13	..	0·05	3,15	0	..	3·8	2·5	..	3	0	0	0	0	0	0	0	0	0
ntse	64·7	+4·1	74	1,4	28·0	−0·8	17	22	..	0	−0·12	0	0	0	−0·5	..	1·1	−1·9	0	0	0	0	0	0	0	0	0	0
a.																												
mbo*																												
comalee*																												
icoloa*																												
ibantota*																												
nar**																												
OMETEORO-ICAL OBSER-ORIES. dar Catchment.																												
iro	89·1	..	94	5	67·6	..	57	31	0·20	0·34	..	0.17	5	1	..	3·1	2·0	..	5	0	0	2	0	0	0	0	0	0
aribagh	83·0	..	87	4	64·6	..	57	22	1·38	1·94	..	1·37	6	2	..	4·4	2·5	..	4	0	0	2	1	0	0	0	0	0
i	87·0	..	91	4	67·8	..	59	22,23	0	0·02	..	0·02	1	0	..	3·4	2·0	..	1	..	..	..	..	..	..	..	..	..
garh	89·0	..	93	4,5	66·0	..	56	23,31	1·19	1·21	..	0·75	6	2	..	1·7	0·9	..	5	..	..	..	..	..	..	..	..	..
nbad	89·1	..	93	4	70·9	..	62	23	0·37	0·46	..	0·32	14	1	..	3·6	2·9	..	3	0	0	4	0	0	0	0	0	0
sol	..	..	..	..	..	..	..	..	..	0·97	..	0·36	25	3	..	..	..	..	6	..	..	..	..	..	..	..	..	..
nwar	..	..	..	..	..	..	..	..	..	0	..	0	..	0	..	..	..	..	0	..	..	..	..	..	..	..	..	..
ari	..	..	..	..	..	..	..	..	..	0·61	..	0·38	4	2	..	..	..	..	3	..	..	..	..	..	..	..	..	..
ungarh	..	..	..	..	..	..	..	..	..	0·03	..	0·03	5	0	..	..	..	..	1	..	..	..	..	..	..	..	..	..
anj (Giridih)	..	..	..	..	..	..	..	..	..	1·06	..	0·69	5		..	..	..	..	2	..	..	..	..	..	..	..	..	..
ndwa	..	..	..	..	..	..	..	..	..	0·29	..	0·17	1	2	..	..	..	..	2	..	..	..	..	..	..	..	..	..
unki (Chas Road)	..	..	..	..	..	..	..	..	..	0·26	..	0·12	5	1	..	..	..	..	4	..	..	..	..	..	..	..	..	..

* Data not available. ** Data not reliable. (d) Mean of 27 days. (R) Register not received.

Division and Stations.	Air temperature in °F.								Rainfall in inches.					No. of rainy days (0·10" or more)		Wind Speed, Miles per hour.			Whether phenomena—No. of days wi								
	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 rom 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.*																											
Mahanadi Catchment																											
Baramul . .	89·9	..	93	4,5	71·9	..	63	30,31	1·69	2·00	..	1·40	16	5	..	1·4	1·1	..	9	0	0	0	0	0	0	0	0
Hirakud . .	91·1	..	95	3,4	73·6	..	65	31	0·62	0·82	..	0·51	8	2	..	0·5	0·2	..	6	0	0	0	0	0	0	0	0
Barkachhar . .	86·4	..	93	4	70·8	..	63	31	1·17	2·50	..	1·09	25	5	..	3·1	1·8	..	9	0	0	11	7	0	0	0	0
Sonepur . . .	89·5	..	94	1,4	74·7	..	66	30,31	..	1·94	..	0·85	19	5	..	..	1·8	..	6	0	0	0	1	0	0	0	0
Ginabahar . .	87·9	..	91	3,5,6	66·4	..	57	30	..	0·44	..	0·15	8	2	..	..	..	..	5	0	0	0	0	0	0	0	0
Ganga Catchment.																											
Tapoban . .	72·1	..	79	23	47·9	..	44	28	..	0·60	..	0·30	24	3	..	..	..	..	4	0	0	0	0	0	0	0	0
Badrinath . .	52·5	..	59	3,4,5	38·6	..	35	29,30,31	..	0·62	..	0·15	23	2	..	..	..	..	6	0	0	0	0	0	0	0	0
Narbada Catchment.																											
Punasa . . .	93·9	..	97	2	63·1	..	56	27,31	0·02	0·13	..	0·11	3	1	..	1·3	1·1	.	2	0	0	0	1	0	0	0	0
Bagra Tawa . .	90·4	..	95	1	62·5	..	53	22,23,24	0·07	0·46	..	0·17	4	2	..	2·8	1·6	..	4	0	0	2	0	0	0	0	0
Thikri . . .	93·5	..	97	8	62·7	..	53	28	..	1·04	..	0·91	6	2	..	..	..	..	2	0	0	0	0	0	0	0	0
Tapti Catchment.																											
Nandurbar . .	96·3	..	99	6 days	71·3	..	66	23	..	0·86	..	0·64	4	2	..	..	..	..	2	0	0	0	0	0	0	0	0
Sabarmati Catchment																											
Jhadol . . .	88·6	..	92	12,13	54·1	..	44	25	..	0·08	..	0·08	3	0	..	..	..	..	1	0	0	0	0	0	0	0	0
Dharoi . . .	96·3	..	100	13,14	64·4	..	56	27	..	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, miles per hour.	Wind speed (m.p.h.).			No. of observations.								
			At mean sea or nearest s. 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
Islands.																										
ble Island	0830	108	1010·9	1007·1	..	83·4	79·8	78·3	33·3	85	..	6·6	..	6·9	0	3	28	1	4	3	6	10	4	0	3	0
	1730	"	1007·6	1003·9	..	78·9	78·5	76·1	32·5	87	..	5·6	..	6·2	0	2	27	2	4	2	8	5	4	3	1	2
ya Bandar	0830	76	1011·7	1009·3	..	82·9	78·8	76·7	31·9	82	..	5·2	..	3·6	0	3	15	0	8	3	0	2	3	0	2	13
	1730	"	1008·6	1006·1	..	80·4	77·4	76·1	30·7	87	..	5·3	..	2·3	0	0	15	1	5	4	1	1	1	2	0	16
ag Island	0830	110	1011·3	1007·5	..	83·0	78·7	77·1	31·3	82	..	5·0	..	2·0	0	0	26	0	2	0	12	2	6	2	2	5
	1730	"	1008·6	1004·8	..	79·8	77·4	76·1	30·9	89	..	4·7	..	2·6	0	0	12	0	0	1	8	0	3	0	0	19
rt Blair	0530	259	1010·0	1001·0	..	76·5	75·7	75·2	29·7	96	..	6·3	..	2·6	0	0	21	0	2	4	2	3	6	3	1	10
	0830	"	1011·8	1002·9	+0·7	82·7	78·6	77·0	31·7	85	+2	6·3	+1·1	4·4	0	0	26	0	4	7	2	5	2	5	1	5
	1130	"	1009·9	1001·0	..	83·9	79·3	77·5	32·3	81	..	6·3	..	6·6	0	1	30	0	3	11	4	7	4	2	0	0
	1730	"	1008.7	999·8	..	79·2	77·1	76·1	31·0	91	+3	5·6	..	4·1	0	0	27	0	1	7	2	2	9	3	3	4
	2330	"	1010·4	1001·5	..	77·3	76·3	75·7	30·5	95	..	4·8	..	3·2	0	1	20	0	2	5	1	1	7	5	0	10
ndul	0830	30	1011·6	1010·5	..	82·8	78·1	76·1	31·1	80	..	6·1	..	3·0	0	0	18	0	7	8	2	1	0	0	0	13
	1730	"	1008·5	1007·5	..	79·5	76·9	75·9	30·5	89	..	5·3	..	1·0	0	0	7	0	2	1	4	0	0	0	0	24
r Nicobar	0830	33	1011·5	1010·3	..	83·9	78·8	76·6	31·5	79	..	6·1	..	2·5	0	0	29	0	9	1	3	1	14	0	1	2
	1730	"	1009·1	1007·9	..	80·3	77·3	76·1	30·6	87	..	5·7	..	1·5	0	0	20	0	2	1	1	3	11	1	1	11
ncowry	0830	70	1011·2	1008·9	..	83·6	78·8	76·8	31·2	80	..	6·2	..	3·5	0	0	22	0	0	1	2	6	9	4	0	9
	1730	"	1008·4	1006·0	..	79·9	76·5	74·8	29·5	86	..	5·7	..	2·1	0	0	16	1	0	0	0	4	4	6	1	15
am.																										
brugarh	0830	348	1012·8	1000·7	−0·5	78·0	72·9	70·5	25·5	79	−3	4·2	0	1·3	0	0	20	3	6	5	1	0	0	0	5	11
	1730	"	1008·8	996·7	..	76·2	72·8	70·9	25·9	84	..	2·7	..	0·5	0	0	7	2	0	3	0	0	1	0	1	24
brugarh (Mohanbari Aerodrome).	0230	364	1010·8	998·0	..	69·0	68·3	67·6	23·6	96	..	3·6	..	1·3	0	0	9	1	7	1	0	0	0	0	0	22
	0530	"	1012·0	999·2	..	68·7	67·7	66·9	22·7	95	..	4·5	..	0·8	0	0	8	0	6	1	0	1	0	0	0	23
	0830	"	1013·4	1000·8	..	76·7	71·9	69·3	24·3	78	..	4·3	..	2·2	0	0	25	0	18	5	1	0	0	0	1	6
	1130	"	1011·3	998·8	..	81·2	73·2	69·0	24·3	68	..	5·6	..	2·1	0	0	26	2	15	5	1	1	1	1	0	5
	1730	"	1009·0	996·3	..	75·8	72.7	71·0	26·2	85	..	3·3	..	0·5	0	0	4	0	3	0	0	0	1	0	0	27
	2330	"	1011·3	998·5	..	69·7	68·8	68·3	23·5	95	..	2·6	..	0·5	0	0	6	0	5	1	0	0	0	0	0	25
sagar	0830	317	1012·9	1001·9	−0·1	77·2	73·7	71·9	26·8	85	−3	5·1	+0 8	2·2	0	0	26	8	7	4	1	1	1	1	3	5
	1730	"	1008·2	997·3	..	77·8	74·8	73·5	28·1	87	..	3·0	..	1 5	0	0	15	5	4	1	0	1	2	0	2	16
zpur	0830	258	1012.9	1003·9	−0·4	75·0	72·6	71·4	26·1	89	+7	3·2	−0·5	1·7	0	0	26	1	7	16	2	0	0	0	0	5
	1730	"	1008·4	999·5	..	81·0	76·1	73·8	28·4	79	..	1·6	..	0·5	0	0	7	0	5	1	0	0	1	0	0	24
zpur (P.B.O.)	0230	257	1010·6	1001·5	..	71·1	70·0	69·2	24·7	94	..	3·3	..	1·5	0	0	15	1	9	4	0	0	1	0	0	16
	0530	"	1011·9	1002·8	..	69·8	68·8	67·9	23·6	94	..	3·9	..	1·1	0	0	11	4	2	3	2	0	0	0	0	20
	0830	"	1013·2	1004·3	..	77·1	73·0	71·0	26·0	82	..	3·8	..	2.5	0	0	27	4	12	6	0	1	1	1	2	4
	1130	"	1011·3	1002·4	..	82·6	74·9	71·4	26·3	69	..	3·9	..	2.1	0	0	26	0	7	10	1	5	2	1	0	5
	1730	"	1008·9	999·9	..	78·4	74·6	72·8	27·3	83	..	2·2	..	0·8	0	0	9	1	2	3	1	2	0	0	0	22
	2330	"	1011·1	1002·0	..	72·1	71·1	70·6	25·6	93	..	2·2	..	1·1	0	0	11	3	5	2	0	0	1	0	0	20
uhati	0830	182	1012·7	1006·4	+0·2	78·2	74·6	72·8	27·8	84	+1	2·7	−1·5	1·9	0	0	29	7	7	3	2	1	2	1	6	2
	1730	"	1007·2	1001·2	..	81.2	75·5	73·0	27·9	76	..	2·5	..	0·5	0	0	7	0	2	1	3	1	0	0	0	24
uhati (Kaikuchi Aerodrome).	0230	162	1009·9	1004·2	..	72·4	71·8	71·2	26·5	97	..	2·3	..	0·5	0	0	6	1	1	0	0	1	1	2	0	25
	0530	"	1010·8	1005·1	..	71·6	71·2	70·9	25·8	98	..	4·3	..	1·2	0	0	13	0	4	1	2	4	1	0	1	18
	0830	"	1012·3	1006·7	..	79·2	75.3	73·3	28·0	83	..	3·8	..	3·7	0	0	28	5	16	1	1	2	1	1	1	3
	1130	"	1010·5	1004·9	..	84·1	76·6	73·2	27·9	70	..	3·3	..	5·8	0	0	29	9	14	2	0	0	0	1	3	2
	1730	"	1008·1	1002·5	..	79·2	76·0	74·4	29·5	86	..	3·1	..	0·7	0	0	8	2	2	0	0	3	0	0	1	23
	2330	"	1010·6	1004·9	..	73·3	72·6	72·0	27·4	96	..	1·9	..	1·3	0	0	11	2	1	1	0	4	3	0	0	20
hubri	0830	115	1012·7	1008·7	+0·3	79·2	75·1	73·2	28·0	82	0	3·6	+0·6	2·6	0	0	23	0	11	2	5	2	1	1	1	8
	1730	"	1008·8	1004·8	..	79·8	75·0	72·7	27·2	79	..	3·3	..	1·8	0	0	20	0	2	0	3	3	6	4	2	11
lchar	0830	96	1012·8	1009 4	+0·4	79·3	75·7	74·0	28·9	85	+3	3·7	−0·3	0·4	0	0	6	1	2	1	1	1	0	0	0	25
	1730	"	1008·7	1005·3	..	82·3	76·8	74·4	29·0	78	..	2·5	..	0·2	0	0	2	0	0	0	0	0	0	1	1	29
ura	0830	1215	1012·7	970·8	..	73·0	69·2	67·0	22·4	82	..	2·8	..	1·5	0	0	17	0	4	5	0	3	4	1	0	14
	1730	"	1009.2	967·8	..	77·6	73·6	72·3	26·5	82	..	3·1	..	1·5	0	0	14	1	5	1	5	1	0	1	0	17
umding	0830	488	1012·3	995·4	..	77·9	73·8	71·7	26·8	82	−5	..	..	0·9	0	0	10	1	2	0	5	1	0	0	1	21
	1730	"	1008·5	991·9	..	82·4	76·2	73·7	28·3	74	..	..	..	0·9	0	0	9	0	0	0	1	0	2	0	6	22
gartala	0230	52	1009·2	1007·4	..	74·1	73·4	72·7	28·1	97	..	2·7	..	1·3	0	0	5	0	0	0	1	4	0	0	0	26
	0530	"	1009·7	1007·9	..	72·8	72·2	71·7	26·9	98	..	3·9	..	1·5	0	0	6	0	1	1	2	2	0	0	0	25
	0830	"	1011·2	1009·4	..	81·6	77·4	75·6	30·5	82	..	4·3	..	4·0	0	1	18	5	1	2	4	5	0	0	2	12
	1130	"	1009·9	1008.1	..	85.7	77.6	74·4	28·8	70	..	5·1	..	4·8	0	0	21	3	1	0	2	2	3	3	7	10
	1730	"	1007·9	1006·1	..	80·1	6·0	74·3	28·9	83	..	3·5	..	1·1	0	0	6	1	0	0	0	3	0	0	2	25
	2330	"	1009·7	1007·9	..	74·7	73·8	73·4	28·9	95	..	2·6	..	0·8	0	0	4	0			2	1	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).		Mean wind speed, miles per hour.	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	Ca
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	2
Assam—*contd.*																										
Imphal	0830	2628	903·7	925·1	..	73·2	67·9	65·0	21·0	76	..	4·7	..	3·2	0	0	24	2	0	4	10	5	3	0	0	
	1130	"	902·0	923·2	..	78·2	69·5	65·0	21·4	65	..	4·3	..	4·6	0	0	27	1	0	3	7	7	6	2	1	
	1730	"	899·6	920·8	..	75·9	68·4	64·5	20·6	68	..	3·5	..	2·8	0	0	27	0	0	2	1	2	12	8	2	
West Bengal.																										
Dum Dum	0230	33	1009·4	1008·3	..	76·5	74·3	73·3	28·3	90	..	2·3	..	3·8	0	0	26	7	5	1	1	4	4	1	3	
	0530	"	1010·0	1008·9	..	75·7	73·6	72·6	27·5	90	..	3·8	..	4·3	0	0	29	11	7	1	0	1	5	1	3	
	0830	"	1011·9	1010·7	..	82·2	75·5	72·4	27·4	72	..	4·0	..	6·0	0	0	28	8	8	3	0	1	6	1	1	
	1130	"	1010·8	1009·7	..	86·4	75·7	70·5	25·8	60	..	4·7	..	6·9	0	1	30	10	5	5	2	2	4	2	1	
	1730	"	1008·5	1007·3	..	82·5	75·7	72·3	27·0	72	..	4·2	..	4·3	0	0	27	2	1	3	2	4	3	5	7	
	2330	"	1010.3	1009·2	..	77·1	74·7	73·2	28·1	88	..	2·4	..	2·8	0	0	24	2	3	1	2	5	6	0	5	
Calcutta	0830	21	1012·0	1011·3	+0·5	81·6	76·2	73·5	28·3	77	−5	3·0	0	3·0	0	0	20	3	5	0	0	1	7	0	4	
	1130	"	1010·6	1009·9	..	87·0	77·4	72·7	27·9	64	..	3·8	..	4·5	0	0	26	4	5	1	1	1	6	1	7	
	1730	"	1008·6	1007·9	..	82·1	76·5	73·9	28·8	77	..	3·6	..	2·2	0	0	11	2	0	0	1	3	3	1	1	
Barrackpore	0530	23	1010·3	1009·5	..	75·8	73·9	73·4	27·6	92	..	3·8	..	1·9	0	0	18	4	2	3	0	2	4	1	2	
	0830	"	1012·2	1011·4	..	81·9	76·1	74·2	27·8	78	..	4·2	..	4·2	0	0	31	8	6	4	0	0	5	3	5	
	1130	"	1011·0	1010·2	..	87·1	77·3	73·1	27·2	65	..	4·5	..	5·6	0	0	30	6	6	3	1	0	6	2	6	
	1730	"	1008·7	1007·9	..	82·0	75·7	73·7	27·2	75	..	4·2	..	3·5	0	0	28	3	1	2	0	4	7	3	8	
	2330	"	1010·4	1009·6	..	77·4	74·7	74·0	28·4	90	..	2·4	..	1·6	0	0	17	1	1	1	1	4	7	0	2	
Saugor Island	0830	10	1011·4	1011·0	+0·1	81·9	76·8	74·5	29·3	79	+1	4·0	−0·1	11·5	0	9	22	9	11	0	1	4	3	0	3	
	1730	"	1008·2	1007·9	..	82·0	77·0	74·8	29·4	79	..	4·7	..	7·3	0	3	25	8	9	0	1	5	4	0	1	
Sandheads	0530	32	1010·0	1008·9	..	82·4	77·1	74·5	29·1	77	..	4·6	..	8·3	0	5	25	4	15	1	2	0	6	2	0	
	0830	"	1011·6	1010·5	0	83·7	77·7	74·5	29·0	74	+2	4·0	+0·5	9·0	0	5	24	4	14	2	1	0	6	2	0	
	1130	"	1011 0	1009·9	..	83·6	77·0	73·7	28·9	73	..	4·5	..	8·9	0	5	24	6	14	1	0	0	7	1	0	
	1730	"	1009·0	1007·9	..	83·6	77·1	74·2	28·9	73	..	4·9	..	5·9	0	0	27	5	9	2	2	0	6	2	1	
	2330	"	1010·3	1009·2	..	82·9	76·4	74·0	28·9	75	..	3·4	..	5·7	0	4	18	5	4	1	3	0	8	0	1	
Midnapore	0830	149	1012·2	1007·0	+0·7	81·2	76·2	73·1	28·6	77	+2	3·2	+0·6	1·3	0	0	16	3	6	1	0	2	4	0	0	
	1730	"	1008·5	1003·4	..	81·4	76·0	73·4	28·1	77	..	3·8	..	0·7	0	0	11	0	3	0	1	2	4	0	1	
Contai	0830	35	1011·4	1010·2	..	82·4	78·8	77·2	32·1	85	.	3·7	..	2·7	0	0	27	20	1	0	0	1	5	0	0	
	1730	"	1008·6	1007·4	..	83·3	79·1	77·0	32·4	83	..	3·3	..	2·0	0	0	21	10	0	0	1	4	4	2	0	
Burdwan	0830	106	1011·9	1008·2	+0·2	80·2	74·7	71·6	26·9	75	−2	1·8	−1·2	1·5	0	0	24	2	11	2	1	0	7	1	0	
	1730	"	1008·8	1005·1	..	82·8	76·3	73·0	28.0	72	..	2·1	..	0·9	0	0	13	0	1	4	2	1	4	1	0	
Krishnagar	0830	48	1012·1	1010·4	+0·4	82·0	76·3	73·4	28.7	76	+3	3·6	+0·7	0·9	0	0	13	3	1	0	0	4	3	2	0	
	1730	"	1009·1	1007·4	..	82·7	75·8	72·9	27·2	72	..	3·5	..	0·8	0	0	11	0	0	0	0	7	0	2	2	
Asansol	0230	414	1009·6	995·2	..	73·9	71·3	70·3	25·1	88	..	1·9	..	1·9	0	0	15	0	2	0	1	1	4	4	3	
	0530		1010·3	995·9	..	72·5	70·7	69·7	24·6	91	..	3·5	..	0·6	0	0	8	0	1	0	1	0	2	0	4	
	0830	"	1012·0	997·7	+0·3	79·8	73·7	70·7	25·8	74	−2	2·7	−0·2	2·1	0	0	22	1	2	5	2	0	2	6	4	
	1130	"	1011·0	996·9	..	86·7	74·6	67·1	23·9	55	..	3·2	..	2·5	0	0	24	0	5	4	1	0	2	4	8	
	1730	"	1008·3	994·1	..	82·7	74·4	69·8	25·0	67	..	3·1	..	0·8	0	0	8	0	2	2	2	0	0	2	0	
	2330	"	1010·5	996·1	..	75·2	71·7	69·4	25·0	84	..	1·8	..	0·7	0	0	8	1	0	0	1	1	1	2	2	
Berhampore	0830	62	1011·6	1009·4	−0·2	81·0	75·0	72·8	27·7	76	−2	2·6	−0·3	1·2	0	0	16	0	0	9	2	2	3	0	0	
	1730	"	1008·2	1006·0	..	84·4	75·7	71·7	26·7	66	..	3·1	..	0·8	0	0	10	0	1	2	0	5	1	1	0	
Malda	0830	103	1012·0	1008·4	+0·2	81·3	74·4	70·8	25·8	71	−4	2·3	+0·5	3·7	0	0	28	6	5	2	1	2	5	3	4	
	1730	"	1008·4	1004·8	..	83·3	75·7	72·1	27·0	69	..	2·1	..	1·9	0	0	17	2	2	1	1	2	5	1	3	
Cooch Behar	0830	145	1013·2	1008·1	..	79·5	73·9	71·0	26·2	75	..	2·4	..	1·6	0	0	23	0	0	15	4	2	2	0	0	
	1730	"	1009·8	1004.8	..	83·5	76·5	73·3	28·0	71	..	(a) 2·6	..	(a) 0·1	0	0	2	0	1	0	0	0	0	1	0	
Jalpaiguri	0830	271	1012·5	1003.0	+0·2	75·0	70·9	68·3	24·1	81	−2	2·4	+0·1	3·2	0	0	27	9	12	4	0	1	0	0	1	
	1730	"	1008·2	998·9	..	83·4	74·6	70·0	25·0	65	..	1·6	..	1·8	0	0	20	0	1	4	1	1	6	5	2	
Bagdogra	0530	416	1010·9	996·0	..	67·0	66·1	65·4	21·4	95	..	6·0	..	0·3	0	0	4	0	1	1	0	0	0	0	2	
	0830	"	1012·2	997·9	..	79·0	72·3	68·7	24·3	71	..	2·2	..	1·6	0	0	13	2	6	5	0	0	0	0	0	
	1130	"	1010·6	996·5	..	84·8	74·1	68·4	24·2	59	..	3·1	..	2·4	0	0	25	0	2	7	6	5	3	2	0	
	1730	"	1008·1	993·8	..	78·6	74·1	71·9	26·7	80	..	1·8	..	0·2	0	0	3	0	1	1	0	0	0	1	0	
Orissa.																										
Balasore	0830	65	1011·8	1009·5	+0·4	80·3	75·7	73·6	28·4	80	+2	5·6	+2·5	3·5	0	0	31	11	8	1	0	2	4	0	5	
	1730	"	1008·4	1006·2	..	81·2	76·8	74·7	29·3	81	..	(b) 5·7	..	(b) 0·9	0	0	10	1	0	1	0	4	2	1	1	
Chandbali	0830	20	1012·1	1011·4	+0·8	82·2	77·4	72·5	29·6	80	−1	3·2	−0·2	2·2	0	0	31	10	3	1	2	0	5	3	7	
	1730	"	1009·3	1008·6	..	81·9	77·3	75·2	30·1	80	..	3·4	..	1·8	0	0	25	7	5	4	5	1	2	1	0	

(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, miles per hour.	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
a —*contd.*	0830	20	1011·7	1011·0	+0·6	81·4	76·6	74·6	28·8	80	+3	4·7	+1·7	8·5	0	7	24	15	8	1	0	1	5	1	0	0
	1730	"	1008·9	1008·2	..	83·6	76·7	74·1	28·1	74	..	5·5	..	8·5	0	7	22	4	6	6	3	3	7	0	0	2
baneswar	0530	150	1009·8	1004·5	..	74·0	72·7	72·0	26·6	94	..	3·5	..	3·1	0	0	25	15	2	0	0	0	3	1	4	6
	0830	"	1011·5	1006·3	..	81·0	76·1	73·6	28·4	79	..	4·6	..	5·7	0	0	30	8	11	0	0	0	5	2	4	1
	1130	"	1010·5	1005·3	..	85.9	77·3	73·3	28·2	66	..	5·2	..	7·8	0	2	29	4	13	3	0	1	4	4	2	0
	1730	"	1008·7	1003·5	..	81·3	75·6	72·7	28·0	76	..	4·9	..	5·9	0	1	29	3	11	6	1	2	5	2	0	1
	2330	"	1010·3	1005·0	..	77·0	73·8	72·0	27·3	85	..	2·9	..	3·4	0	0	28	6	10	2	0	0	5	2	3	3
tack	0830	87	1011·6	1008·6	+0·1	81·0	75·4	72·9	27·7	75	+3	4·1	+0·9	0.8	0	0	7	0	5	0	0	0	2	0	0	24
	1730	"	1008·4	1005·4	..	83·2	75·7	72·2	26·9	69	..	4·7	..	0·7	0	0	6	1	3	0	1	0	0	0	1	25
tack (P. B. O.)	0230	87	1009·2	1006·3	..	78·1	75·4	74·4	29·1	88	..	2·7	..	0·8	0	0	9	0	5	0	0	1	1	0	2	22
	0530	"	1010·0	1007·1	..	76·9	74·4	73·4	27·9	89	..	4·2	..	0·4	0	0	5	0	4	0	0	0	0	1	0	26
	0830	"	1011·9	1009·0	..	81·9	76·6	74·6	28·6	79	..	4·3	..	1·6	0	0	18	0	11	0	0	1	3	1	2	13
	1130	"	1010·7	1007·9	..	86·3	77·9	74·7	28·6	69	..	4·8	..	2·9	0	0	28	0	18	0	3	3	2	1	1	3
	1730	"	1008·6	1005·6	..	82·7	76·0	72·9	27·9	74	..	5·3	..	1·5	0	0	17	0	8	1	4	1	3	0	0	14
	2330	"	1010·3	1007·4	..	78·8	75·8	74·7	29·2	87	..	2·0	..	0·7	0	0	10	0	7	0	0	1	2	0	0	21
palpur	0530	56	1010·0	1008·1	..	76·2	74·6	73·9	28·7	93	..	4·6	..	3·2	0	0	25	9	1	0	0	0	1	6	8	6
	0830	"	1011·9	1010·0	+0·8	81·1	76·5	74·3	29·2	80	+2	4·3	+1·5	4·8	0	0	28	16	1	0	0	1	3	0	7	3
	1130	"	1011·1	1009·2	..	86·6	78·3	74·6	29·0	69	..	4·7	..	6·4	0	1	28	3	8	5	4	6	2	0	1	2
	1730	"	1008·8	1006·9	..	82·1	77·1	76·3	29·5	78	..	6·0	..	6·2	0	4	26	5	7	6	7	4	1	0	0	1
	2330	"	1010·6	1008·7	..	78·3	75·7	74·4	29·3	88	..	2·8	..	3·7	0	1	26	11	0	0	0	1	4	1	10	4
raput	0830	2,996	902·3	911·2	..	71·5	68·5	66·8	22.6	86	..	4·3	..	2·0	0	0	31	3	5	4	3	12	2	2	0	0
	1730	"	899·5	908·8	..	72·8	68·3	65·8	21·8	79	..	6·7	..	2·6	0	0	31	9	3	5	8	4	0	0	2	0
gul	0830	455	1012·4	996·7	+1·1	77·6	74·2	72·5	27·2	85	+8	6·7	+3·2	2·9	0	0	28	0	3	2	0	1	7	12	3	3
	1730	"	1008·8	993·2	..	83·1	74·1	69·2	24·7	65	..	6·5	..	3·3	0	0	27	3	4	6	7	2	2	2	1	4
nbalpur	0830	486	1011·7	994·9	+0·1	79·5	75·1	73·0	27·6	81	+5	4·8	+2·1	2·1	0	0	22	1	9	5	1	4	2	0	0	9
	1730	"	1008·1	991·5	..	82·6	75·8	72·3	27·1	73	..	4·9	..	1·4	0	0	16	2	3	4	4	2	0	0	1	15
rsuguda	0230	754	1009·8	983·7	..	73·8	72·1	71·5	26·4	92	..	3·3	..	2·6	0	0	24	6	9	4	2	3	0	0	0	7
	0530	"	1010·5	984·3	..	72·5	71·3	70·3	25·9	94	..	4·7	..	1·5	0	0	17	3	8	3	0	1	1	1	0	14
	0830	"	1012·3	986·3	..	78·3	73·1	70·5	25·8	77	..	4·7	..	3·4	0	0	28	5	15	2	0	2	2	1	1	3
	1130	"	1010·9	985·3	..	85·3	74·6	68·7	24.7	59	..	4·7	..	3·5	0	0	29	5	11	2	2	1	3	3	2	2
	1730	"	1008·3	982·7	..	82·6	73·8	69·0	24·2	65	..	4·3	..	1·9	0	0	22	3	5	4	2	0	2	1	5	9
	2330	"	1010·7	984·6	..	75·4	72·7	71·0	26·5	87	..	2·5	..	1·4	0	0	17	4	8	0	1	4	0	0	0	14
ilagarh	0830	691	1011.6	987·8	..	78·7	74·0	71·2	26.8	78	..	4·6	..	1·9	0	0	23	5	6	1	5	5	1	0	0	8
	1730	"	1007·9	984·4	..	82·7	75·1	71·5	26·4	70	..	5·7	..	1·6	0	0	23	9	6	1	3	3	0	0	1	8
a Nagpur.																										
ulia	0830	835	1012·4	983·8	..	78·3	71·6	67·9	23·7	71	..	2·9	..	2·8	0	0	25	0	5	2	2	0	3	3	10	6
	1730	"	1008·5	980·2	..	82·8	73·2	68·1	23·7	62	..	3·9	..	1·5	0	0	18	0	3	1	3	1	1	3	6	13
nshedpur	0830	423	1012·2	997·6	+0·5	78·7	73·3	70·5	25·4	76	−1	3·3	+0·2	3·3	0	0	25	0	2	3	0	0	4	10	6	6
	1730	"	1008·4	993·9	..	83·4	74·0	69·2	24·3	63	..	4·0	..	2·5	0	0	19	1	2	5	3	1	0	5	2	12
nshedpur (P.B.O.)	0530	477	1010·8	994·1	..	72·1	70·6	69·7	24·9	93	..	4·0	..	1·1	0	0	11	0	0	3	0	1	0	3	4	20
	0830	"	1012·6	996·1	..	77·7	72·3	69·2	24·5	76	..	3·1	..	2·4	0	0	28	0	3	2	0	1	0	9	13	3
	1130	"	1011·1	994·8	..	84·9	74·2	68·5	24·3	59	..	3·4	..	2·8	0	0	27	1	7	6	0	0	3	7	3	4
	1730	"	1008·7	992·4	..	82·6	75·7	68·8	27·1	65	..	4·1	..	2·5	0	0	17	0	2	6	0	1	0	4	4	14
	2330	"	1010·9	994·2	..	74·2	72·3	71·0	26·1	91	..	2·3	..	1·3	0	0	15	2	1	1	0	0	1	4	6	16
aibasa	0830	742	1012·2	986·6	+0·7	77·3	72·4	69·9	24·8	78	+2	4·3	+1·5	0·8	0	0	11	1	3	0	0	1	4	2	0	20
	1730	"	1008·3	983·1	..	82·5	73·6	69·3	24·2	66	..	4·8	..	0·5	0	0	5	1	2	0	0	1	1	0	0	26
nchi	0830	2,150	901·1	939·2	+0·4	74·5	67·5	63·3	20·1	68	+2	2·1	−0·7	0	0	0	0	0	0	0	0	0	0	0	0	31
	1730	"	898·9	936·7	..	76·4	67·8	63·6	19·8	66	..	2·3	..	0	0	0	0	0	0	0	0	0	0	0	0	31
zaribagh	0830	2,006	901·4	944·4	+0·3	76·2	68·1	63·4	20·3	65	0	1.9	−0·6	2·6	0	0	22	1	3	7	1	0	5	2	3	9
	1730	"	898·5	941·3	..	77·0	68·1	62·8	19·7	63	..	2.5	..	1·9	0	0	24	5	3	1	1	0	0	1	13	7
zaribagh (C.W.)	0530	2,008	898·8	942·6	..	64·9	62·8	61·4	18·8	89	..	2·2	..	0·1	0	0	2	2	0	0	0	0	0	0	0	29
	0830	"	901·2	944·3	..	75·7	68·6	64·5	21 1	69	..	2·2	..	0·8	0	0	10	4	4	0	0	1	0	1	0	21
	1130	"	901·5	943·9	..	81·9	69·2	61·9	19·4	52	..	3·0	..	2·1	0	0	24	10	7	1	0	2	0	3	1	7
	1730	"	898·5	941·3	..	75·9	68·6	64·5	20·6	68	..	2·7	..	0·3	0	0	4	3	0	0	0	0	0	0	1	27
	2330	"	899·4	943·0	..	67·1	64·0	62·1	19·2	84	..	1·7	..	0·1	0	0	1	0	0	0	0	0	0	1	0	30
lkonganj	0830	725	1012·5	987·4	+0·5	76·8	70·8	67·3	23·0	73	−3	2.2	+0·4	1·2	0	0	17	0	0	5	5	1	2	4	0	14
	1730	"	1008·2	983·6	..	83·2	72·8	66·2	22·7	57	..	2·4	..	1·7	0	0	23	2	5	1	1	1	2	9	2	8
r																										
rnea	0830	124	1012·1	1007·8	+0·2	79·8	74·2	71·5	26·5	76	−4	2·2	0	1·0	0	0	15	1	4	2	0	1	2	5	0	16
	1730	"	1008·1	1003·9	..	79·9	75·6	73·7	28·0	81	..	1·0	..	0·1	0	0	1	0	0	0	0	0	1	0	0	30

TABLE III—SUMMARY OF OBSERVATIONS AT FIXED HOURS—OCTOBER 1953.

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, miles per hour.	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	Ca
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	
Bihar—*contd.*																										
Forbesganj	0830	199	1011·5	1004·6	..	77·8	73·7	71·5	26·7	81	..	2·3	..	3·3	0	0	30	1	14	6	2	2	2	2	1	
	1730	"	1007·5	1000·6	..	82·5	75·5	72·0	27·0	71	..	1·4	..	1·5	0	0	15	1	2	2	0	0	1	9	0	1
Darbhanga	0830	161	1012·5	1006·8	+0·6	77·3	73·6	71·6	26·9	83	+12	2·2	+0·3	1·1	0	0	16	0	3	5	0	0	0	4	4	1
	1730	"	1008·4	1002·7	..	83·0	75·6	72·1	26·7	70	..	1·0	..	0·1	0	0	2	0	1	0	0	0	1	0	0	2
Motihari	0830	218	1011·9	1004·4	+0·2	82·3	74·2	70·0	25·4	67	−10	0·7	−0·8	0·8	0	0	12	0	0	3	0	1	0	8	0	1
	1730	"	1008·6	1001·1	..	80·7	73·8	70·3	25·2	71	..	0·4	..	0·4	0	0	6	0	0	0	0	0	0	6	0	2
Patna	0830	173	1012·1	1006·2	+0·5	82·0	73·0	68·3	23·7	63	−6	1·0	−0·9	2·7	0	0	30	1	7	0	3	2	6	6	5	
	1730	"	1008·7	1002·8	..	84·9	73·6	66·9	22·9	56	..	1·1	..	1·9	0	0	25	0	3	2	3	2	6	3	6	
Patna (Aerodrome)	0530	196	1009·8	1002·9	..	70·6	69·5	68·7	24·3	94	..	1·8	..	0·9	0	0	6	0	0	0	0	0	2	4	0	2
	0830	"	1011·5	1004·8	..	80·8	72·9	68·4	23·9	67	..	1·4	..	4·5	0	0	30	0	1	1	4	1	8	14	1	
	1130	"	1010·8	1004·1	..	86·3	73·5	66·1	22·1	53	..	1·8	..	5·6	0	0	30	1	5	1	2	0	8	11	2	
	1730	"	1008·0	1001·2	..	83·7	73·8	68·5	23·8	61	..	1·4	..	1·5	0	0	18	2	2	1	0	1	5	3	4	1
Dehri	0830	352	1011·9	999·7	..	79·2	72·2	68·5	23·8	71	..	1·4	..	2·0	0	0	28	0	0	0	0	7	17	0	4	
	1730	"	1007·9	995·9	..	82·9	73·7	68·7	24·5	63	..	1·6	..	1·3	0	0	20	3	3	0	0	1	1	0	12	1
Gaya	0230	373	1009·1	996·0	..	72·0	70·3	69·5	24·8	92	..	2·5	..	2·3	0	0	19	0	0	0	3	8	7	0	1	1
	0530	"	1009·7	996·9	..	70·2	68·9	68·1	23·3	93	..	2·6	..	2·5	0	0	23	0	0	1	8	8	6	0	0	
	0830	"	1011·7	999·1	+0·5	79·1	72·5	69·0	24·4	71	+3	2·2	+0·3	3·1	0	0	24	0	0	0	6	7	10	1	0	
	1130	"	1010·8	998·3	..	86·7	73·2	65·5	21·8	51	..	2·5	..	4·0	0	0	25	3	2	2	1	0	4	8	5	
	1730	"	1008·0	995·5	..	83·5	73·0	66·9	23·0	58	..	2·3	..	3·0	0	0	22	2	3	1	0	0	1	8	7	
	2330	"	1009·9	997·2	..	73·7	71·2	70·0	24·9	87	..	1·6	..	1·7	0	0	20	1	0	1	5	8	4	1	0	1
Jamui	0830	270	1012·2	1002·6	..	78·2	73·2	70·6	25·7	77	..	1·7	..	1·5	0	0	21	0	1	6	6	0	0	0	8	1
	1730	"	1008·4	998·9	..	82·0	74·9	71·2	26·5	70	..	1·8	..	1·4	0	0	6	0	0	1	1	0	0	1	3	2
Dumka	0830	489	1011·7	994·9	−0·1	80.6*	73·6	70·0	25·1	71	−1	1·2	−0·9	2·0	0	0	31	2	5	4	2	0	4	9	5	
	1730	"	1007·5	990·9	..	83·8	73·7	68·1	23·9	61	..	2·1	..	2·1	0	0	30	5	4	2	4	1	2	5	7	
Sabour	0830	122	1012·1	1007·8	+0·2	80·4	74·2	71·2	26·3	74	−2	2·2	−0·4	3·2	0	0	29	2	1	0	3	2	10	9	2	
	1730	"	1008·2	1004·0	..	82·5	75·2	71·5	26·3	70	..	1·8	..	1·5	0	0	16	2	0	1	0	0	4	4	5	1
Bhagalpur	0530	160	1010·2	1004·8	..	73·3	71·8	70·8	26·0	92	..	1·8	..	0·8	0	0	8	0	0	0	1	5	0	1	1	2
	0830	"	1012·1	1006·7	..	83·0	74·9	70·6	26·0	67	..	2·2	..	1·2	0	0	14	1	1	1	1	2	3	5	0	1
	1130	"	1011·3	1005·9	..	86·3	75·3	69·6	25·0	59	..	2·5	..	2·2	0	0	19	6	3	1	0	1	0	4	4	1
	1730	"	1008·3	1002·9	..	83·9	75·5	71·3	26·2	66	..	1·5	..	1·4	0	0	15	1	0	0	1	0	2	6	5	1
	2330	"	1010·3	1004·9	..	76·8	73·1	70·9	26·4	82	..	0·4	..	0·5	0	0	6	0	0	0	2	2	1	1	0	2
U. P., East.																										
Gonda	0830	360	1012·0	999·6	..	75·2	69·1	65·2	21·5	72	−4	0·3	−1·1	0·9	0	0	12	0	0	5	0	0	0	6	1	
	1730	"	1008·6	998·3	..	81·2	72·4	67·5	22·7	64	..	0·1	..	0	0	0	0	0	0	0	0	0	0	0	0	
Gorakhpur	0830	254	1011·9	1002·8	0	77·9	70·7	66·7	22·7	71	−4	0·5	−0·7	1·5	0	0	24	2	2	6	2	1	3	7	1	
	1730	"	1007·4	998·7	..	85·4	71·6	63·9	20·1	51	..	0·6	..	0·8	0	0	13	0	0	0	0	2	0	10	1	
Gorakhpur (P.B.O.)	0230	257	1009·6	1000·6	..	72·2	69·4	67·5	22·9	85	..	0·5	..	0·9	0	0	12	2	1	0	0	2	2	5	0	
	0530	"	1010·0	1000·9	..	69·6	67.8	66·5	22·1	90	..	0·8	..	0·5	0	0	4	1	0	0	0	1	1	1	0	
	1130	"	1010·7	1002·0	..	88·2	73·5	64·9	21·6	47	..	1·3	..	4·0	0	0	30	0	0	3	3	9	2	9	4	
	2330	"	1010·1	1001·1	..	73·7	70·5	67·7	24·1	82	..	0	..	0·8	0	0	8	2	0	1	0	1	3	1	0	
Azamgarh	0830	255	1011·2 (a)	1002·7 (a)	..	78·2	72·2	69·0	24·3	74	..	0·3	..	0	0	0	0	0	0	0	0	0	0	0	0	
	1730	"	1006·8 (a)	998·2 (a)	..	83·2	76·4	73·4	28·0	72	..	0	..	0	0	0	0	0	0	0	0	0	0	0	0	
Banaras	0830	250	1011·9	1003·2	+0·3	76·5	70·2	66·2	22·3	72	+3	0·7	−1·0	2·4	0	0	25	0	0	1	1	6	11	4	2	
	1730	"	1008·2	999·7	..	85·5	72·0	63·0	20·7	49	..	1·2	..	2·6	0	0	30	3	0	5	1	0	1	13	7	
Banaras (Babatpur Aerodrome)	0530	280	1010·3	1001·1	..	68·3	66·9	65·5	21·5	91	..	1·6	..	1·6	0	0	19	0	0	1	0	7	3	6	2	
	0830	"	1012·3	1002·6	..	79·9	70·8	65·5	21·8	62	..	1·0	..	3·8	0	1	27	3	3	1	0	0	13	6	2	
	1130	"	1011·3	1002·0	..	87·3	71·2	60·1	18·7	43	..	1·5	..	5·6	0	0	30	2	1	1	2	0	4	14	6	
	1730	"	1008·4	998·8	..	85·4	71·7	63·5	20·2	49	..	1·3	..	2·9	0	0	27	5	1	1	1	0	3	12	4	
	2330	"	1010·3	1000·7	..	72·2	68·7	66·7	22·2	83	..	1·1	..	2·0	0	0	19	1	0	1	0	2	9	4	2	
Allahabad (Bamrauli)	0230	322	1009·8	998·5	..	70·5	66·9	64·6	21·0	82	..	0·7	..	1·0	0	0	11	0	0	0	0	5	2	3	1	
	0530	"	1010·3	998·9	..	68·3	65·7	64·0	20·7	86	..	0·9	..	1·5	0	0	17	1	1	0	1	5	3	3	3	
	0830	"	1012·1	1001·0	+0·6	78·3	70.0	65·3	21·2	64	−3	1·1	−0·6	3·3	0	0	26	0	0	0	6	4	9	5	2	
	1130	"	1011·5	1000·5	..	87·9	71·5	61·1	18·9	42	..	1·3	..	5·4	0	1	29	0	3	2	2	1	3	12	7	
	1730	"	1008·5	997·5	..	85·1	72·1	64·7	20·9	52	..	1·2	..	1·7	0	0	18	2	1	1	0	0	0	7	7	
	2330	"	1010·6	999·3	..	72·8	67·4	63·8	20·5	74	..	0·7	..	1·1	0	0	12	0	0	0	1	3	5	2	1	
Fatehpur	0830	375	1011·6	999·0	..	78·7	69·2	63·5	20·1	60	−8	0·2	−1·1	0·5	0	0	6	0	0	0	0	1	0	5	0	
	1730	"	1007·6	995·3	..	84·7	71·7	64·2	20·7	52	..	0·3	..	0	0	0	0	0	0	0	0	0	0	0	0	
Banda	0830	398	1012·2	998·4	..	76·4	67·8	62·0	19·1	62	..	0·3	..	0·3	0	0	4	0	0	0	0	1	3	0	0	
	1730	"	1008·4	995·2	..	89·1	72·4	64·7	19·5	50	..	0·4	..	0	0	0	0	0	0	0	0	0	0	0	0	

(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, miles per hour.	Wind speed (m.p.h.).			No. of observations. Wind direction.								
			At mean sea or nearest s. 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
East—*contd.*																										
i	0830	463	1012·7	996·8	..	78·7	65·8	57·0	15·8	48	..	0.5	..	3·1	0	0	28	0	0	0	0	2	11	11	4	3
	1730	"	1009·1	993·5	..	88·4	68·6	54·8	15·0	32	..	0·9	..	2·3	0	0	30	5	9	0	2	0	1	0	13	1
ıpur .	0830	414	1012·0	997·6	+0·5	77·6	67·4	63·3	18·5	59	−9	0·1	−0·6	1·7	0	0	15	0	1	0	0	0	2	10	2	16
	1730	"	1008·3	994·2	..	85·5	70·6	61·0	18·3	45	..	0·3	..	0·9	0	0	8	0	0	0	0	0	0	7	1	23
know	0830	371	1012·0	998·9	+0·3	75·7	68·9	64·4	18·5	71	+2	0·2	−0·8	1·0	0	0	17	2	5	5	1	2	0	2	0	14
	1730	"	1008·4	995·7	..	84·0	72·6	65·8	22·1	57	..	0·2	..	0·3	0	0	6	1	0	1	0	0	0	2	2	25
know (Amausi Aerodrome).	0230	419	1009·9	995·0	..	69·0	66·5	64·6	21·1	87	..	0·2	..	2·1	0	0	18	1	2	1	2	1	6	2	3	13
	0530	,,	1010·1	994·9	..	65·7	64·5	62·9	20·0	91	..	0·4	..	1·6	0	0	16	1	2	1	0	1	5	1	5	15
	0830	"	1012·0	997·4	+0·4	77·2	69·0	64·0	20·3	64	+7	0·5	−0·5	4·0	0	0	26	0	3	0	2	0	10	5	6	5
	1130	"	1011·3	996·7	..	87·7	70·4	60·0	17·5	41	..	0·1	..	5·8	0	0	31	0	3	1	4	1	2	4	16	0
	1730	"	1008·3	993·9	..	83·3	71·2	63·0	20·8	53	..	0·3	..	2·3	0	0	20	0	6	0	1	0	1	3	9	11
	2330	"	1010·3	995·6	..	69·9	66·4	64·6	20·6	84	..	0·2	..	1·4	0	0	14	0	1	3	1	0	7	1	1	17
ıdoi	0830	467	1011·7	995·5	..	73·4	67·6	64·0	20·6	73	..	0·4	..	1·9	0	0	28	6	3	1	3	1	3	7	4	3
	1730	"	1008·1	992·2	..	87·2	73·7	66·1	22·3	50	..	0·2	..	1·5	0	0	23	6	3	2	0	0	0	3	9	8
himpur Kheri . . .	0830	483	1012·0	995·2	..	75·2	68·3	63·9	20·4	68	..	0·2	..	0·7	0	0	10	1	1	5	1	0	0	1	1	21
	1730	"	1008·1	991·6	..	84·2	71·6	64·4	20·9	51	..	0	..	0·8	0	0	10	0	1	2	0	0	0	2	5	21
ıraich	0830	407	1012·1	997·9	+0·7	78·3	69·5	64·2	20·1	62	−11	0·3	−0·7	1·4	0	0	21	1	0	6	6	1	1	3	3	10
	1730	"	1007·5	994·0	..	85·1	71·7	64·2	20·2	50	..	0·1	..	0·1	0	0	1	0	0	0	0	0	0	0	1	30
, West, nai	0830	823	1012·7	984·5	+0·9	80·3	66·6	56·4	16·1	45	−10	0·3	−0·7	2·3	0	0	21	0	0	2	3	0	1	14	1	10
	1730	"	1008·5	980·3	..	88·8	69·0	54·3	15·5	32	..	0·4	..	0·7	0	0	10	1	0	0	0	0	1	5	3	21
a	0830	553	1012·2	992·9	+0·6	73·9	63·0	54·4	14·7	51	−1	0·1	−0·7	0	0	0	0	0	0	0	0	0	0	0	0	31
	1730	"	1008·2	989·9	..	91·6	66·6	45·5	10·9	19	..	0·5	..	1·1	0	0	14	3	1	0	0	0	0	4	6	17
inpuri	0830	516	1012·2	994·2	+0·9	74·7	65·8	59·7	17·8	60	−2	0·3	−0·7	1·0	0	0	13	0	0	0	0	0	2	7	4	18
	1730	"	1008·2	990·6	..	88·3	70·6	59·7	17·6	38	..	0·7	..	0·7	0	0	9	0	1	0	1	0	0	4	3	22
garh . . . (R)	0530	615																								
	0830	"	1011·9	990·5	..	76·0	64·9	56·7	16·1	52	+1	0·4	−0·1	0·8	0	0	7	0	0	0	0	0	1	6	0	24
(R)	1130	"																								
	1730	"	1008·7	987·2	..	89·3	68·2	53·2	14·3	31	..	0·9	..	1·1	0	0	9	0	0	0	0	0	1	4	4	22
eilly	0830	568	1011·6	991·9	+0·2	75·6	67·3	61·5	19·8	62	−11	0·2	−0·7	1·1	0	0	13	2	0	5	3	0	0	1	2	18
	1730	"	1007·5	988·2	..	86·1	69·1	57·5	16·4	39	..	0·2	..	0·3	0	0	6	0	1	0	0	0	0	5	0	25
eilly (P. B. O.) . . .	0230	565	1009·3	989·6	..	71·5	67·2	65·1	19·6	80	..	0·1	..	1·9	0	0	15	0	2	7	1	1	0	2	2	16
	0530	"	1010·0	990·2	..	68·9	65·8	64·2	20·5	85	..	0·1	..	2·1	0	0	18	1	4	8	0	0	0	2	3	13
	1130	"	1011·3	992·1	..	85·8	69·6	58·9	17·8	41	..	0·2	..	3·7	0	1	24	1	4	3	4	0	0	3	10	6
	2330	"	1009·8	990·2	..	73·8	68·1	65·2	20·7	75	..	0·1	..	2·5	0	0	18	0	1	11	2	0	0	2	2	13
erut	0830	728	1012·1	986·4	+0·4	72·7	64·1	58·0	16·7	60	−7	0·5	0	1·4	0	0	21	0	3	6	0	0	0	6	6	10
iibabad	0830	885	1012·0	981·4	..	73·4	67·8	59·0	20·5	61	..	0·2	..	2·5	0	0	27	0	9	3	10	0	1	0	4	4
	1730	"	1008·7	978·8	..	84·9	69·5	59·3	17·6	43	..	0	..	1·7	0	0	18	0	7	1	0	0	0	0	10	13
orkee	0830	899	1012·3	981·0	+0·4	69·4	64·8	59·5	18·7	68	−4	1·3	+0·7	1·2	0	0	18	0	1	2	12	0	0	0	3	13
	1730	"	1007·8	977·3	..	83·4	67·6	57·3	17·9	42	..	1·6	..	0·5	0	0	8	0	0	0	3	0	0	0	5	23
ıra Dun	0530	2,239	898·8	934·5	..	62·0	56·4	52·0	13·4	70	..	0·4	..	2·5	0	0	26	9	13	0	0	0	0	0	4	5
	0830	"	901·1	936·2	+0·4	69·6	61·1	54·9	14·9	59	−9	0·3	−0·7	1·2	0	0	18	2	5	0	0	1	2	7	1	13
	1130	"	902·1	936·7	..	79·7	64·5	54·5	14·5	42	..	0·1	..	2·5	0	0	31	0	1	2	3	5	15	4	1	0
	1730	"	899·2	933·7	..	78·5	67·9	61·9	19·2	57	..	0·1	..	0·3	0	0	4	0	0	0	0	0	1	1	2	27
	2330	"	899·3	934·6	..	66·4	58·6	52·6	13·4	63	..	0	..	3·5	0	0	29	12	15	1	0	0	0	0	1	2
lab (I). w Delhi	0230	710	1010·0	984·9	..	69·4	60·6	53·9	13·8	57	..	0·3	..	2·5	0	1	14	1	1	0	0	0	0	6	7	16
	0530	"	1010·3	985·3	..	66·7	59·5	53·5	14·5	63	..	0·5	..	2·7	0	0	15	1	0	0	0	0	1	10	3	16
	0830	"	1011·7	987·0	+0·2	75·0	62·7	52·6	14·5	47	−11	0·5	−0·4	4·1	0	1	20	0	1	0	1	1	4	11	3	16
	1130	"	1011·1	987·0	..	88·9	67·2	50·3	13·3	7	..	0.1	..	6·7	0	3	26	6	2	1	1	1	3	6	9	2
	1730	"	1008·0	984·0	..	87·9	66·8	50·1	14·1	29	..	0·6	..	4·6	0	0	28	10	2	0	0	1	1	0	14	3
	2330	"	1010·1	985·3	..	71·5	61·8	54·2	14·4	55	..	0·2	..	1·1	0	0	8	0	0	0	0	1	1	3	3	23
tar . . . . . †	0530	725	1011·6	985·9	..	61·9	55·6	50·0	12·3	65	..	0·3	..	1·9	0	0	11	0	1	0	1	0	3	5	1	7
	0830	"	1012·3	986·7	+0·3	71·0	62·0	55·1	14·9	58	+4	0·2	−0·4	1·7	0	0	18	1	0	0	1	2	8	3	3	13
*	1130	"	1012·3	987·8	..	89·7	68·7	54·5	14·7	30	..	0·5	..	4·1	0	0	18	1	0	1	1	2	2	5	6	1
	1730	"	1008·1	983·8	..	91·4	69·5	55·2	14·3	31	..	0·2	..	2·8	0	0	24	4	1	0	1	1	3	5	9	7
*	2330	"	1011·4	986·1	..	69·1	58·8	51·2	12·6	53	..	0·1	..	1·2	0	0	6	0	1	0	0	0	0	3	2	13
mal	0830	818	1012·2	983·5	..	70·0	62·8	57·6	16·2	64	..	0·6	..	1·5	0	0	11	0	1	4	0	1	0	3	2	20
	1730	"	1008·2	980·9	..	87·4	68·8	56·7	15·9	37	..	0·3	..	0·7	0	0	6	0	0	1	0	0	0	1	4	25
bala	0830	892	1012·0	980·9	+0·4	70·5	63·3	57·8	16·1	65	+5	0·4	−0·3	2·4	0	0	25	1	0	10	8	0	1	2	3	6
	1730	"	1007·8	977·7	..	87·5	71·4	60·8	19·2	43	..	0·1	..	1·5	0	0	20	0	0	1	1	0	1	0	17	11

(R) Register not received.

*Observations for 19 days.

†Observations for 18 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, miles per hour.	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
Punjab (I)—*contd.*																										
Ambala (P. B. O.)	0230	906	1009·6	978·1	..	70·9	62·2	56·7	15·5	61	..	0·4	..	3·3	0	0	21	3	1	8	1	0	1	1	6	10
	0530	"	1010·2	978·6	..	68·5	61·6	57·4	15·5	68	..	0·6	..	2·8	0	0	20	0	0	11	2	0	0	0	7	11
	1130	"	1011·5	980·6	..	82·9	67·1	58·0	15·5	43	..	0·3	..	4·1	0	2	23	0	0	10	6	1	1	0	7	6
	2330	"	1010·0	978·7	..	73·7	63·2	56·7	15·3	55	..	0·2	..	2·3	0	0	18	0	0	5	1	0	0	0	12	13
Patiala	0830	822	1011·4	983·2	..	71·8	62·9	56·2	15·6	58	..	0·7	..	2·3	0	0	25	1	3	3	9	1	0	1	7	6
	1730	"	1008·4	980·7	..	85·6	66·2	51·4	12·7	32	..	0·5	..	2·5	0	0	22	4	0	0	3	0	0	1	14	9
Ludhiana	0830	810	1011·4	983·1 (a)	−0·2	70·9	61·5	55·8	14·4	57	−4	0·7	+0·1	1·1	0	0	11	1	2	3	3	1	0	0	1	20
	1730	"	1008·4 (a)	981·1	..	93·0	69·3	53·0	13·7	29	..	0·3	..	1·1	0	0	15	4	3	0	1	0	1	1	5	16
Ferozepur	0830	657	1011·5	988·4	..	71·2	63·0	55·2	16·1	59	..	0·2	..	1·1	0	0	13	0	3	0	3	2	4	0	1	11
	1730	"	1008·1	985·0	..	87·8	71·3	64·8	18·7	43	..	0·6	..	0·5	0	0	8	4	1	1	0	0	1	1	0	2
Amritsar	0530	769	1010·6	983·3	..	60·9	57·9	55·5	15·1	84	..	0·1	..	5·1	0	0	29	3	7	9	2	0	2	5	1	1
	0830	"	1011·7	984·8	..	70·3	62·7	57·0	16·3	63	..	0·2	..	5·7	0	3	26	1	3	10	9	0	0	2	4	1
	1130	"	1011·5	985·4	..	85·7	68·2	55·4	15·5	35	..	0·2	..	7·5	0	5	24	3	3	5	11	2	0	1	4	1
	1730	"	1008·4	982·4	..	86·0	67·5	54·5	14·6	35	..	0	..	5·4	0	0	28	2	1	1	6	3	0	2	13	
Pathankot	0830	1,128	1012·0	972·8	..	68·4	59·9	53·0	13·9	58	..	0·6	..	2·3	0	1	27	0	10	15	3	0	0	0	0	
	1730	"	1009·0	970·8	..	82·7	69·3	60·8	18·1	48	..	1·0	..	1·0	0	0	12	0	2	0	0	1	1	7	1	1
Jammu and Kashmir.																										
Srinagar	0830	5,205	802·8	846·4	+1·5	48·1	45·8	43·5	9·7	85	−1	2·7	+0·8	1·2	0	0	8	0	0	0	0	1	2	1	4	2
	1130	"	803·6	846·2	..	60·8	55·0	44·5	12·6	56	..	2·5	..	3·2	0	0	24	4	2	0	4	1	2	3	8	
	1730	"	800·5	842·8	..	58·2	51·8	43·6	10·7	52	..	3·6	..	2·4	0	0	17	1	0	0	4	1	1	3	7	1
Gulmarg	0830	8,709	Closed during winter months																							
Dras (R)	0830	10,059																								
Kargil (R)	0830	8,790																								
Leh	0530	11,529	712·3	666·9	..	30·1	23·2	7·5	2·1	36	..	1·6	..	1·5	0	0	24	1	21	0	1	0	1	0	0	
	0830	"	712·2	669·2	−0·2	40·5	29·2	6·1	3·9	24	−22	1·6	−0·6	0·6	0	0	4	0	0	0	1	1	2	0	0	2
	1730	"	707·9	666·0	..	46·2	35·1	4·6	2·1	18	..	2·5	..	5·5	0	0	29	1	0	0	0	0	11	9	8	
Skardu (R)	0830	7,505																								
(R)	1730	"																								
Gilgit (R)	0830	4,890																								
(R)	1730	"																								
Misgar (R)	0830	10,190																								
(R)	1730	"																								
Jammu (R)	0830																									
Rajasthan, West																										
Sri Ganganagar	0830	580	1011·0	984·9	..	71·2	60·4	51·2	13·1	51	+1	0·1	−0·1	1·7	0	0	26	0	1	1	10	5	5	1	3	
	1730	"	1007·6	988.6	..	91·6	67·0	47·3	11·5	23	..	0·3	..	1·7	0	0	24	1	3	1	0	0	5	4	10	
Bikaner	0830	734	1011·3	986·3	+0·4	72·8	60·3	50·0	12·3	47	0	0	−0·6	2·6	0	0	24	1	0	0	8	1	14	0	0	
	1730	"	1008·3	983·3	..	93·8	67·5	45·6	11·0	20	..	0·2	..	3·4	0	0	28	3	1	0	0	1	10	3	10	
Bikaner (P. B. O.)	0530	735	1010·8	984·9	..	66·7	61·1	56·5	16·0	71	..	0	..	1·6	0	0	10	0	1	0	0	4	3	1	1	
	1130	"	1011·5	986·7	..	91·9	77·0	69·3	24·9	50	..	0·1	..	2·7	0	0	16	0	0	0	0	5	5	2	4	
	2330	"	1010.8	985·2	..	74·0	65·7	59·9	17·9	63	..	0·1	..	0·7	0	0	7	0	0	0	0	3	4	0	0	
Jaisalmer	0830	793	1011·3	984·1	..	76·8	62·9	50·1	13·4	42	..	0·1	..	5·3	0	4	11	0	0	0	3	1	9	2	0	
	1730	"	1007·5	981·1	..	94·8	67·7	45·7	11·1	20	..	0·1	..	7·0	0	6	20	1	3	0	2	4	8	3	5	
Jodhpur	0230	736	1010·8	985·1	..	70·8	58·4	46·3	11·1	42	..	0·2	..	1·9	0	0	16	0	10	1	1	0	4	0	0	
	0530	"	1011·0	985·1	..	68·1	57·4	47·0	11·5	48	..	0	..	0·2	0	0	18	1	11	0	0	0	2	3	1	
	0830	"	1012·8	987·2	+2·2	74·6	60·6	47·7	11·7	40	−11	0·2	−0·8	1·8	0	0	14	0	10	0	0	0	3	1	0	
	1130	"	1012·5	987·4	..	91·7	67·1	47·0	11·5	23	..	0·2	..	1·6	0	0	10	0	3	0	1	1	4	1	0	
	1730	"	1008·7	984·0	..	93·6	67·1	45·1	10·7	20	..	0·3	..	2·1	0	0	13	1	3	1	0	0	5	2	1	
	2330	"	1011·1	985·7	..	76·1	60·8	46·9	11·0	36	..	0	..	2·3	0	0	19	6	7	0	0	0	1	5	0	
Phalodi	0830	767	1012·3 (a)	985·5 (a)	..	71·5	64·2	58·1	16·8	65	..	0	.	5·3	0	2	27	0	1	0	2	16	9	1	0	
	1730	"	1009·1	983·5	..	94·2	78·5	69·9	26·2	49	..	0	..	7·1	0	3	27	4	5	1	1	3	10	3	3	
Barmer	0530	638	1010·1	987·9	..	74·2	62·6	52·7	14·1	49	..	0	..	1·9	0	0	16	2	0	0	0	0	3	3	8	
	0830	"	1012·0	989·9	+0·6	76·4	64·1	54·1	15·7	48	−8	0·3	−0·4	1·9	0	0	21	2	0	1	0	1	1	3	13	
	1130	"	1011·7	990·3	..	92·1	70·0	54·7	15·1	30	..	0·3	..	3·9	0	0	28	3	4	4	3	4	5	3	2	
	1730	"	1008.2	986·9	..	94·7	71·3	55·5	15·3	28	..	0·5	..	2·6	0	0	21	1	4	3	4	4	3	0	2	
	2330	"	1010·4	988·5	..	81·3	65·1	52·6	14·3	38	..	0	..	2·5	0	1	17	0	0	0	0	1	8	5	4	

(R) Register not received.

(a) Mean of 30 days.

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, miles per hour.	Wind speed (m.p.h.).			No. of observations. Wind direction.								
			At mean sea or nearer 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
ham, East	0830	1,419	1012·7	964·1	..	72·5	63·1	56·6	15·3	55	..	0·4	..	0·9	0	0	14	0	0	3	4	4	2	1	0	17
	1730	"	1007·9	961·1	..	89·2	72·7	58·5	19·8	43	..	0·2	..	1·9	0	0	29	5	1	1	0	2	6	9	5	2
r	0830	1,431	1012·2	963·5	0	77·9	63·3	51·7	13·5	41	−5	0·7	−0·3	1·2	0	0	14	6	1	1	0	1	0	0	5	17
	1130	"	1011·1	963·6	..	90·7	65·6	43·7	10·3	21	..	0·4	..	3·5	0	0	23	5	2	1	2	0	4	1	8	8
	1730	"	1008·1	960·5	..	89·0	66·5	48·4	12·1	26	..	0·9	..	2·1	0	0	19	8	1	0	0	1	0	2	7	12
r (Sanganer Aerodrome)	0230	1,282	1010·2	965·7	..	68·3	58·0	48·5	11·9	51	..	0·2	..	2·4	0	0	19	4	4	1	0	0	0	3	7	12
	0530	"	1011·1	966·3	..	65·8	57·1	48·5	12·8	51	..	0·4	..	2·6	0	0	18	8	1	2	0	0	0	1	6	13
	0830	"	1011·9	968·2	..	78·9	63·2	50·5	12·7	39	..	0·6	..	2·8	0	0	18	1	1	2	1	0	1	3	9	13
	1130	"	1011·1	968·2	..	89·3	66·6	48·1	12·1	26	..	0·5	..	4·0	0	0	21	1	0	3	0	0	2	6	9	10
	1730	"	1007·9	965·8	..	87·3	65·6	47·5	11·5	27	..	1·0	..	3·5	0	0	23	2	0	1	0	0	2	7	10	8
	2330	"	1011·0	966·7	..	70·6	58·9	48·2	11·8	46	..	0·2	..	3·2	0	0	22	6	3	1	0	0	1	4	7	9
r	0830	1,593	1013·1	958·5	+0·5	73·0	61·6	53·9	13·5	51	+4	0·4	−0·5	0·6	0	0	3	0	0	0	0	0	2	1	0	28
	1730	"	1008·5	955·5	..	87·3	63·0	43·6	9·8	22	..	0·4	..	1·2	0	0	14	4	2	1	0	0	1	4	2	17
h	0530	843	1010·8	981·4	..	70·4	61·0	53·5	14·1	56	..	0·3	..	0·4	0	0	5	0	0	0	0	0	1	3	1	26
	0830	"	1012·6	982·3	−0·6	77·6	63·9	54·0	14·2	45	−4	0·5	−0·8	0·4	0	0	4	0	0	0	0	0	1	3	0	27
	1130	"	1011·5	983·2	..	90·9	67·3	49·0	12·4	25	..	0·7	..	0·6	0	0	7	2	0	1	0	0	1	1	2	24
	1730	"	1008·3	979·7	..	91·4	67·1	48·4	11·9	20	0	0·6	..	0·6	0	0	7	0	1	2	0	0	1	2	1	24
	2330	"	1010·8	981·7	..	77·4	64·0	54·6	14·2	47	0	0·3	..	0·6	0	0	6	0	0	0	0	0	2	4	0	25
war	0830	1,053	1012·7	976·3	+0·5	73·1	62·2	53·1	14·0	51	−10	0·4	−1·0	0·1	0	0	1	0	0	0	0	1	0	0	0	30
	1730	"	1007·7	972·6	..	91·2	65·7	43·6	10·0	20	..	0·8	..	1·6	0	0	16	5	8	1	0	1	0	1	0	15
pur	0230	1,910	898·7	946·4	..	63·0	58·2	54·4	14·4	74	..	0·7	..	0·3	0	0	2	0	0	1	0	0	1	0	0	29
	0530	"	898·6	946·5	..	60 6	56·4	49·7	14·0	76	..	1·0	..	0·1	0	0	1	0	0	0	0	0	0	1	0	30
	0830	"	900·9	947·9	+0·2	71·4	61·9	55·4	15·1	57	0	1·3	+0·5	0	0	0	0	0	0	0	0	0	0	0	0	31
	1130	"	902·7	948·3	..	87·3	65·9	49·7	13·1	29	..	1·1	..	2·2	0	0	20	1	6	3	3	2	1	3	1	11
	1730	"	899·6	945·3	..	85·8	66·3	52·2	14·3	33	..	1·8	..	2·6	0	0	20	2	7	1	0	1	2	6	1	11
	2330	"	900·1	947·5	..	67·6	59·3	54·0	13·6	66	..	0·7	..	0·2	0	0	3	0	2	0	0	0	0	1	0	28
a Bharat lior (P. B. O.)	0230	688	1009·9	985·8	..	68·3	61·5	56·0	15·2	67	..	0·5	..	2·4	0	0	20	1	0	0	0	4	11	3	1	11
	0530	"	1010·4	986·2	..	66·9	60·1	54·3	14·1	67	..	0·5	..	2·1	0	0	20	1	0	1	0	4	8	5	1	11
	0830	"	1011·9	988·2	+0·1	78·0	65·3	55·9	15·4	48	−11	0·5	−0·3	2·1	0	0	19	2	0	0	0	4	6	4	3	12
	1130	"	1011·3	987.8	..	88·8	68·0	52·5	14·0	30	..	0·5	..	3·2	0	0	29	7	3	1	0	2	4	1	11	2
	1730	"	1008·2	985·0	..	86·4	70·6	60·1	18·6	43	..	0 9	..	1·3	0	0	14	5	3	1	0	0	0	2	3	17
	2330	"	1010·8	986·7	..	68·8	62·5	57·8	16·1	69	..	0·4	..	1·2	0	0	13	0	0	1	0	3	6	1	2	18
pur Kalan	0830	771	1012·0	985·4	..	77·4	65·9	57·9	16·8	52	..	1·1	..	0·5	0	0	6	0	0	0	0	4	1	1	0	25
	1730	"	1007·4	981·7	..	87·7	69·5	57·3	16·9	37	..	1·6	..	0·6	0	0	6	5	1	0	0	0	0	0	0	25
a	0530	1,571	1011·9	957·1	..	62·8	58·6	55·4	15·1	77	..	1·2	..	0·3	0	0	5	0	0	1	3	1	0	0	0	26
	0830	"	1012·3	958·7	+0·2	74·4	64·8	59·1	17·1	59	−3	1·3	+0·1	1·3	0	0	16	1	0	5	4	3	0	3	0	15
	1130	"	1011·0	958·8	..	88·5	69·2	57·5	16·5	36	..	1·2	..	2·5	0	0	26	4	3	5	4	2	1	4	3	5
	1730	"	1007·9	955·7	..	88·0	69·4	58·1	17·0	38	..	2·4	..	1·5	0	0	17	4	3	3	1	1	1	1	3	14
	2330	"	1011·9	957·8	..	69·3	62·0	57·2	16·5	65	..	1·0	..	0·7	0	0	8	0	2	2	2	0	1	0	1	23
nuch	0830	1,626	1013·0	957·6	+0·6	76·1	61·4	50·2	12·7	42	−13	1·5	+0·3	1·8	0	0	18	0	11	2	1	0	1	2	1	13
	1730	"	1008·6	954·7	..	88·2	63·5	43·5	10·0	22	..	2·1	..	3·2	0	0	26	2	12	3	0	0	3	3	3	5
am	0830	1,596	1012·3	957·8	..	75·2	63·2	53·8	14·9	49	..	2·5	..	3·4	0	0	26	7	10	5	0	1	2	1	0	5
	1730	"	1008·0	955·0	..	87·5	66·3	51·9	13·5	31	..	4·2	..	6·3	0	1	27	4	14	5	0	0	2	2	1	3
ore	0530	1,861	897·7	946·5	..	63·3	58·1	53·7	15·1	72	..	1·3	..	4·5	0	0	23	1	1	3	4	4	4	4	2	8
	0830	"	900·5	949·0	+0·3	74·8	63·7	56·1	15·9	53	−2	1·6	0	4·1	0	0	25	4	5	4	6	2	1	2	1	6
	1130	"	901·3	948·9	..	85·7	65·9	52·4	13·5	35	..	1·9	..	8·5	0	4	27	5	8	7	4	1	2	2	2	0
	1730	"	898·4	946·0	..	83·2	65·1	52·2	13·8	37	..	2·4	..	5·4	0	1	25	2	9	4	6	1	2	2	0	5
	2330	"	898·9	947·9	..	69·2	60·9	53·9	14·4	60	..	0·9	..	3·0	0	0	18	2	1	3	2	3	3	3	1	13
pal (Bairagarh)	0230	1,715	897·4	951·9	..	67·7	59·8	53·8	14·4	62	..	2·1	..	3·5	0	0	19	2	3	1	5	1	4	0	3	12
	0530	"	897·4	952·2	..	65·5	59·0	54·1	14·4	67	..	2·1	..	2·7	0	0	17	3	4	1	2	0	4	2	1	14
	083	"	900·3	954·1	+0·3	75·3	63·8	55·7	15·5	51	−11	2·9	+1·1	3·1	0	0	16	1	3	2	3	3	2	0	2	15
	1130	"	901·1	953·9	..	86·4	66·0	51·2	13·5	32	..	2·4	..	7·7	0	5	22	1	8	4	6	3	1	2	2	4
	1730	"	898·2	950·9	..	85·3	64·9	49·7	12·7	31	..	2·8	..	0·6	0	2	26	5	16	1	2	1	0	1	2	3
	2330	"	898·8	952·9	..	72·3	61·0	52·3	13·7	52	..	1·5	..	4·2	0	0	24	1	5	4	7	3	4	0	0	7
ya Pradesh vgong	0830	750	1012·5	986·3	+0·4	71·6	64·3	58·9	17·0	66	−3	0·8	−0·9	1·7	0	0	23	0	0	0	1	8	12	2	0	8
	1730	"	1008·3	983·0	..	87·7	70·2	58·7	17·3	39	..	1·8	..	1·0	0	0	14	2	4	3	0	1	3	0	1	17
na	0830	1,041	1012·5	976·6	+0·6	74·1	68·1	64·4	20·8	72	+5	1·7	−0·1	1·7	0	0	20	0	0	0	3	1	7	9	0	11
	1730	"	1008·3	973·1	..	83·0	70·6	63·0	19·9	52	..	2·0	..	1·4	0	0	20	5	3	1	1	1	1	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.			Mean temperature in °F.			Vapour pressure in mbs.	Relative humidity %.	Departure from normal.	Cloud amount (Oktas).		Mean wind speed, miles per hour.	Wind speed (m.p.h.).			No. of observations. Wind direction.								
			At mean sea or nearest s. 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
Vindhya Pradesh—*contd.*																										
Umaria	0830	1,506	1011·9	960·7	..	73·4	66·7	62·3	19·6	69	+2	2·0	−0·4	1·9	0	0	24	5	8	2	2	2	4	0	1	7
	1730	"	1008·1	957·5	..	81·5	71·2	64·6	21·4	57	..	3·3	..	1·5	0	0	21	7	7	2	1	0	0	1	3	10
Madhya Pradesh, East																										
Gondia	0830	1,026	1012·3	976·9	..	74·8	70·1	67·2	23·2	77	..	4·9	..	1·9	0	0	20	4	7	0	0	0	4	0	5	11
	1730	"	1008·2	973·4	..	82·6	72·1	65·9	22·1	59	..	4·8	..	1·7	0	0	21	3	7	0	5	2	2	0	2	10
Pendra	0530	2,048	899·3	941·6	..	65·8	62·2	59·6	18·9	81	..	4·8	..	0·1	0	0	1	0	0	0	0	1	0	0	0	30
	0830	"	901·7	943·4	+0·6	73·6	66·9	62·9	19·5	70	+3	4·6	+2·2	1·3	0	0	20	12	1	0	1	3	2	0	1	11
	1130	"	901·6	943·7	..	80·8	68·3	61·0	18·5	52	..	4·7	..	2·1	0	0	30	9	8	4	0	2	3	0	4	1
	1730	"	898·9	940·2	..	77·6	68·7	63·6	20·8	63	..	5·3	..	0·9	0	0	14	4	3	1	1	2	0	0	3	17
	2330	"	900·0	942·1	..	68·4	64·4	61·8	19·3	80	..	2·9	..	0·5	0	0	7	2	0	0	0	1	1	1	2	28
Raigarh	0830	723	1012·2	987·3	..	79·1	72·7	69·7	24·5	73	..	2·1	..	1·0	0	0	12	3	4	3	1	0	0	0	1	19
	1730	"	1008·3	983·8	..	85·2	73·5	67·5	22·9	56	..	1·7	..	0·3	0	0	5	3	2	0	0	0	0	0	0	26
Ambikapur	0830	2,005	900·8	944·3	..	72·9	68·0	65·2	21·7	77	..	1·6	..	2·9	0	0	22	3	7	1	2	1	4	3	1	9
	1730	"	898·3	941·2	..	79·2	69·6	64·4	20·5	61	..	2·3	..	4·6	0	0	30	16	4	4	1	2	0	3	0	1
Champa	0830	805	1012·2	984·4	..	76·8	71·6	71·2	22·9	76	..	4·0	..	1·9	0	0	26	12	4	3	1	1	1	0	4	8
	1730	"	1008·3	981·1	..	84·6	73·3	67·1	23·1	57	..	4·7	..	2·2	0	0	24	6	5	4	2	1	2	1	3	7
Raipur	0530	979	1010·3	976·5	..	72·8	70·5	69·2	24·4	89	.	4·0	..	1·0	0	0	14	6	3	1	0	2	2	0	0	17
	0830	"	1012·1	978·5	+0·5	77·7	72·0	69·1	24·3	75	+4	4·0	+1·7	2·1	0	0	25	3	9	6	1	2	2	1	1	6
	1130	"	1011·1	977·9	..	83·4	72·8	66·7	22·7	59	..	4·5	..	2·9	0	0	26	4	4	9	2	2	1	3	1	3
	1730	"	1008·3	975·1	..	82·7	72·0	65·8	21·9	58	..	4·8	..	2·5	0	0	23	3	10	5	1	2	1	0	1	8
	2330	"	1010·7	977·1	..	76·3	71·5	68·8	24·2	79	..	2·9	..	0·7	0	0	11	3	1	2	0	2	2	0	1	28
Kanker	0830	1,318	1012·3	966·9	+0·5	75·9	73·1	70·7	26·6	84	+5	5·0	+1·7	0·5	0	0	6	0	4	0	0	0	0	0	2	23
	1730	"	1008·7	964·0	..	79·7	73·2	69·9	25·0	73	..	5·6	..	1·2	0	0	14	1	7	1	0	0	0	1	4	15
Chanda	0830	634	1012·0	990·0	+0·1	76·9	72·7	70·4	25·5	81	+8	5·5	+3·2	0·2	0	0	2	0	2	0	0	0	0	0	0	28
	1730	"	1007·8	986·3	..	83·2	75·3	71·7	26·3	69	..	4·8	..	1·2	0	0	12	0	11	0	1	0	0	0	0	19
Sironcha	0830	405	1012·0	998·0	..	77·8	74·3	72·7	27·4	84	..	4·9	..	2·3	0	0	27	7	5	3	3	4	2	1	2	4
	1730	"	1008·1	994·3	..	83·2	76·2	70·3	27·7	73	..	4·8	..	2·1	0	0	27	11	10	2	1	1	0	0	2	1
Jagdalpur (P.B.O.)	0530	1,813	897·6	948·1	..	70·0	69·0	68·3	23·8	95	..	4·5	..	0·0	0	0	0	0	0	0	0	0	0	0	0	
	0830	"	900·0	950·2	+0·6	75·3	71·3	69·4	24·6	82	+3	5·7	+2·5	1·5	0	0	18	0	3	8	1	1	2	2	1	1
	1130	"	899·9	949·3	..	82·1	72·9	68·1	24·1	64	..	5·6	..	2·6	0	0	27	2	6	7	3	1	3	2	3	
	1730	"	897·3	947·0	..	78·1	72·6	69·8	25·1	76	..	6·8	..	1·0	0	0	13	0	6	1	2	1	1	0	2	1
	2330	"	898·6	949·0	..	71·8	70·2	69·3	24·4	92	..	3·5	..	0·1	0	0	1	0	0	0	0	0	0	0	1	3
Madhya Pradesh, West																										
Buldhana	0830	2,133	901·1	939·8	..	75·1	67·1	63·2	19·4	68	..	4·4	..	3·0	0	0	29	0	1	7	11	5	3	0	2	
	1730	"	898·6	936·5	..	84·0	68·0	57·9	16·9	44	..	3·7	..	2·5	0	0	30	0	18	6	0	0	0	1	5	
Akola	0830	925	1012·1	980·3	+0·2	76·7	68·2	62·3	20·1	63	+2	5·4	+3·0	3·7	0	0	31	1	2	8	6	6	4	2	2	
	1130	"	1010·8	979·2	..	87·1	72·5	64·1	20·7	48	..	4·2	..	4·4	0	0	26	2	4	11	7	0	2	0	0	
	1730	"	1007·6	976·5	..	88·6	70·5	58·3	18·2	40	..	3·5	..	4·9	0	0	31	7	9	2	3	4	1	2	3	
Akola (Aerodrome)	0530	1,015	1010·4	975·0	..	68·2	63·9	60·7	18·4	78	..	3·4	..	1·9	0	0	19	0	0	13	5	1	0	0	0	1
	2330	"	1010·7	975·6	..	73·5	65·5	59·7	17·9	64	..	3·0	..	1·7	0	0	21	0	2	12	4	3	0	0	0	1
Amravati	0830	1,213	1012·2	970·7	+0·4	76·3	67·5	61·4	19·0	62	+4	4·0	+1·6	2·8	0	0	27	1	8	14	2	0	0	1	1	
	1730	"	1007·5	966·9	..	86·6	69·3	57·0	16·4	40	..	3·8	..	3·0	0	0	31	0	8	11	8	1	2	0	1	
Yeotmal	0830	1,481	1012·0	961·5	..	75·5	69·4	65·5	21·1	71	..	4·6	..	5·6	0	0	31	5	12	7	0	1	1	2	3	
	1730	"	1007·6	958·2	..	82·4	70·9	65·6	20·6	58	..	4·8	..	4·8	0	1	27	3	9	2	2	0	0	2	0	
Khandwa	0830	1,044	1012·0	976·1	0	75·3	67·1	62·1	19·1	63	+1	2·4	+0·6	1·9	0	0	17	2	4	4	2	2	2	1	0	1
	1730	"	1007·1	972·1	..	89·0	70·6	58·8	18·0	39	..	3·1	..	5·3	0	0	29	1	16	6	2	0	0	0	4	
Hoshangabad	0830	992	1012·8	978·6	+0·1	74·1	65·7	59·8	18·1	62	−6	2·4	+0·6	1·2	0	0	15	0	5	7	2	0	0	0	1	1
	1730	"	1007·9	974·5	..	86·1	69·5	58·6	17·2	41	..	3·5	..	0·7	0	0	8	4	3	0	1	0	0	0	0	2
Sagar	0830	1,808	900·5	950·3	+0·4	76·7	64·3	55·5	15·6	49	−5	1·3	−0·5	5·6	0	0	30	1	1	5	5	3	6	7	2	
	1730	"	898·1	947·6	..	83·3	64·2	49·9	12·8	33	..	2·1	..	7·2	0	1	30	7	13	3	1	0	0	4	3	
Jabalpur	0530	1,289	1011·5	966·5	..	65·0	63·1	61·6	18·9	89	..	1·9	..	0·3	0	0	2	0	0	0	1	1	0	0	0	2
	0830	"	1012·7	968·4	+0·8	74·6	67·4	62·9	20·9	67	−4	2·5	+0·8	1·5	0	0	13	0	3	1	5	3	0	1	0	1
	1130	"	1011·2	967·8	..	85·5	70·6	61·2	18·9	46	..	2·3	..	3·2	0	0	22	1	8	0	2	2	4	3	2	
	1730	"	1008·4	965·0	..	83·4	69·5	60·6	19·1	48	..	2·4	..	2·5	0	0	20	0	8	4	4	0	2	0	2	1
	2330	"	1011·4	966·8	..	69·2	65·5	63·2	19·9	80	..	0·8	..	0·3	0	0	4	0	2	0	2	0	0	0	0	2
Mandla	0830	1,452	1013·1	963·0	..	69·9	62·2	53·7	15·9	82	..	3·9	..	0·8	0	0	9	3	2	1	1	0	0	0	2	2
	1730	"	1008·2	959·1	..	81·4	71·2	65·5	22·1	60	..	3·6	..	1·7	0	0	18	7	4	1	0	1	0	0	5	1
Seoni	0830	2,027	900·8	943·1	−0·1	73·4	66·0	61·4	18·8	67	+6	3·1	+1·2	1·1	0	0	16	1	6	5		1	2	1	0	1
	1730	"	898·7	940·1	..	80·2	67·1	58·5	17·3	49	..	3·0	..	2·8	0	0	31	2	7	17	2	1	0	0	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, miles per hour.	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
a Pradesh, West—*contd.*																										
idwara	0830	2,248	901·8	936·6	..	72·7	65·2	60·5	18·2	67	..	2·9	..	1·7	0	0	14	0	5	3	0	1	1	3	1	17
	1730	,,	899·3	933·3	..	81·9	65·3	53·7	14·7	41	..	2·9	..	2·3	0	0	26	2	17	6	0	0	0	0	1	5
	0830	2,144	901·5	939·8	..	74·0	65·6	60·3	18·1	63	..	3·0	..	2·8	0	0	27	1	4	10	9	0	1	1	1	4
	1730	,,	898·9	936·7	..	79·4	66·1	57·6	16·5	49	..	3·7	..	4·0	0	0	31	13	14	1	1	0	0	0	2	0
ar	0230	1,010	1010·1	975·0	..	70·1	66·4	63·7	20·4	81	..	2·8	..	1·9	0	0	19	6	3	0	0	0	0	2	8	12
	0530	,,	1010·7	975·5	..	68·5	65·5	63·8	20·1	85	..	3·6	..	1·9	0	0	16	5	1	0	0	0	0	1	9	15
	0830	,,	1012·3	977·6	+0·4	76·9	69·4	64·8	21·2	67	+8	4·2	+1·8	3·4	0	0	26	10	10	0	1	0	0	0	5	5
	1130	,,	1011·2	977·0	..	85·5	72·8	65·5	21·9	53	..	4·5	..	5·1	0	1	24	0	10	8	1	1	3	1	1	6
	1730	,,	1008·1	974·0	..	83·9	70·2	61·6	19·4	49	..	4·2	..	3·2	0	0	26	1	15	6	1	1	0	1	1	5
	2330	,,	1011·3	976·3	..	71·9	67·1	63·7	20·5	76	..	2·1	..	1·2	0	0	13	4	3	0	0	0	0	3	3	18
	0830	444	1012·1	996·7	+0·1	78·7	65·8	56·4	15·9	48	..	0·4	..	..	0	0	27	0	2	0	0	1	24	0	0	4
	1730	,,	1007·9	993·0	..	94·2	69·2	50·7	13·1	25	..	1·4	..	..	0	0	15	3	6	0	0	3	2	1	0	16
	0530	39	1009·5	1008·2	..	75·1	68·8	64·6	21·2	71	..	1·3	..	4·5	0	0	30	1	9	11	5	2	0	0	2	11
	0830	,,	1011·4	1010·1	−0·1	79·5	71·1	66·0	22·1	65	−3	2·9	+0·7	3·9	0	0	27	2	5	11	6	1	1	0	1	4
	1130	,,	1011·3	1010·0	..	93·6	75·9	66·6	22·5	42	..	2·8	..	4·6	0	0	30	3	6	12	2	2	0	3	2	1
	1730	,,	1007·6	1006·3	..	94·7	76·2	66·4	22·4	41	..	2·9	..	4·2	0	0	31	0	13	2	2	0	7	3	4	0
	2330	,,	1010·2	1008·9	..	79·9	71·5	66·2	22·5	65	..	1·5	..	3·4	0	0	29	4	10	3	1	2	5	2	2	2
dabad	0230	182	1009·7	1003·4	..	71·7	64·7	59·6	17·7	67	..	0·7	..	3·3	0	0	21	0	7	5	1	0	2	4	2	10
	0530	,,	1009·8	1003·5	..	68·5	63·1	58·8	17·3	72	..	0·8	..	3·0	0	0	21	1	8	6	1	0	0	2	3	10
	0830	,,	1011·8	1005·5	−0·3	76·9	66·4	59·0	17·4	55	−9	1·6	+0·3	5·0	0	1	23	3	4	10	2	0	0	1	4	7
	1130	,,	1011·8	1005·6	..	91·1	71·0	57·8	16·9	34	..	1·6	..	7·5	0	1	30	4	7	8	9	1	0	0	2	0
	1730	,,	1008·2	1002·1	..	93·3	70·8	55·6	15·6	29	..	2·0	..	4·3	0	0	25	2	10	4	4	0	3	1	1	6
	2330	,,	1010·5	1004·2	..	74·3	66·1	60·5	18·2	63	..	0·6	..	1·6	0	0	10	0	4	2	0	1	1	1	1	21
i	0830	1,093	1012·3	974·8	..	75·9	64·8	56·3	15·9	52	−19	1·3	−0·8	3·0	0	0	24	3	8	5	1	3	2	2	0	7
	1730	,,	1007·8	971·6	..	90·6	68·0	50·5	14·0	27	..	1·5	..	6·0	0	1	27	9	4	1	0	0	9	5	0	3
a	0530	115	1009·8	1005·7	..	66·7	65·5	64·5	21·0	93	..	0·7	..	0·3	0	0	5	2	2	1	0	0	0	0	0	26
	0830	,,	1011·7	1007·7	..	76·5	70·4	66·7	22·6	73	+1	1·9	+0·5	0·8	0	0	11	0	5	1	1	1	1	0	2	20
	1130	,,	1011·6	1007·7	..	91·8	78·2	71·7	26·8	53	..	1·4	..	2·1	0	0	22	4	8	3	3	1	1	1	1	9
	1730	,,	1008·1	1004·2	..	90·9	79·2	73·8	28·8	58	..	1·9	..	1·6	0	0	18	1	3	1	1	0	0	3	9	13
	2330	,,	1010·3	1006·3	..	71·7	68·5	66·4	22·4	84	..	0·5	..	0·9	0	0	11	1	5	2	1	0	2	0	0	20
a (Aerodrome)	0530	124	1009·9	1005·6	..	69·7	64·4	60·4	18·2	73	..	0·9	..	2·5	0	0	28	5	9	2	4	1	1	1	5	3
	0830	,,	1011·8	1007·5	..	79·0	68·6	61·6	19·2	57	..	0·8	..	2·6	0	0	24	4	9	2	4	2	1	0	2	7
	1730	,,	1008·1	1003·9	..	92·8	70·5	55·4	15·3	30	..	1·4	..	3·9	0	0	28	3	9	5	0	0	1	2	3	3
	2330	,,	1010·4	1006·1	..	76·7	66·6	59·1	17·8	57	..	0·9	..	1·9	0	0	21	3	9	0	2	0	2	1	4	10
h	0830	57	1011·1	1009·1	..	75·0	67·7	62·4	19·8	67	..	1·5	..	2·4	0	0	29	1	8	8	4	3	2	0	3	2
	1730	,,	1007·2	1005·2	..	93·9	71·6	57·1	16·3	31	..	2·2	..	4·5	0	0	30	0	16	4	3	1	4	2	0	1
htra and Kutch																										
	0830	343	1012·0	1000·1	+0·2	76·3	67·6	61·9	19·1	62	+3	0·8	−0·3	0·5	0	0	3	0	1	0	0	0	1	1	0	28
	1730	,,	1008·9	997·4	..	93·2	68·6	49·4	12·8	25	..	0·5	..	5·1	0	0	30	6	8	3	1	2	4	4	2	1
(P. B. O.)	0230	347	1010·0	998·0	..	75·1	64·0	56·0	15·4	54	..	0·6	..	0·7	0	0	8	1	1	1	0	1	4	0	0	23
	0530	,,	1010·1	998·0	..	72·6	63·1	56·5	15·4	59	..	0·5	..	0·4	0	0	5	0	1	0	0	1	3	0	0	26
	0830	,,	1011·7	999·7	..	77·0	67·1	61·5	18·2	60	..	1·2	..	0·6	0	0	5	0	2	0	0	0	2	1	0	26
	1130	,,	1011·7	999·9	..	90·4	68·3	54·6	13·7	32		1·4	..	4·6	0	1	27	6	12	3	0	0	4	1	2	3
	1730	,,	1008·7	997·0	..	92·2	67·1	50·5	11·4	26	..	1·6	..	5·4	0	2	25	5	9	1	0	1	7	2	2	4
	2330	,,	1010·7	998·7	..	77·6	64·6	55·9	14·9	50	..	0·5	..	0·6	0	0	5	0	0	0	0	0	3	1	1	26
ka	0830	37	1012·0	1010·7	0	80·2	74·2	71·0	16·2	74	−5	2·1	+0·2	6·6	0	1	29	12	9	1	0	0	2	3	3	1
	1730	,,	1009·2	1008·0	..	86·4	73·8	64·8	22·8	56	..	1·8	..	10·7	0	3	28	6	6	1	0	0	2	3	13	0
nder	0830	23	1011·3	1010·5	..	77·8	70·1	64·8	21·6	68	..	1·0	..	5·4	0	1	29	10	12	1	0	0	0	0	7	1
	1730	,,	1008·2	1007·4	..	90·4	74·7	64·9	22·2	47	..	3·5	..	11·5	0	9	22	1	5	1	0	0	2	15	7	0
agar*	0530	74	1010·2	1007·6	..	70·3	64·5	60·1	18·1	72	..	0·6	..	4·6	0	0	27	2	3	5	5	3	5	3	1	3
	0830	,,	1012·0	1009·4	+0·2	77·6	68·8	62·9	20·0	63	−16	2·6	+1·7	5·3	0	1	30	1	2	9	5	5	5	2	2	0
	1130	,,	1012·3	1009·7	..	89·1	72·2	62·0	19·3	42	..	1·8	..	8·6	0	4	27	8	13	1	1	0	1	4	3	0
	1730	,,	1008·6	1006·1	..	90·9	70·8	57·8	16·7	36	..	1·6	..	10·5	0	9	22	14	2	0	0	0	1	7	7	0
st	0830	432	1012·0	996·9	+0·1	75·9	66·6	59·6	18·0	59	−12	2·2	+0·4	0·9	0	0	9	1	1	4	0	0	1	1	1	22
	1730	,,	1008·1	993·6	..	94·0	68·4	48·4	12·2	23	..	2·5	..	3·6	0	0	27	6	9	5	0	0	2	1	4	4
x (Aerodrome)	0530	439	1010·3	994·8	..	69·5	63·7	59·1	17·5	71	..	0·7	..	3·5	0	0	25	1	3	5	5	4	2	3	2	6
	0830	,,	1011·9	996·8	..	78·4	68·6	62·1	19·4	59	..	1·6	..	4·1	0	0	26	6	6	5	2	2	0	2	3	5
	1130	,,	1011·6	996·8	..	92·1	72·2	59·8	17·9	36	..	1·3	..	9·4	0	3	28	7	12	6	1	0	2	1	2	0

*Observations for 30 day

TABLE III—SUMMARY OF OBSERVATIONS AT FIXED HOURS—OCTOBER 1953.

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 s. 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, miles per hour.	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
Saurashtra and Kutch—*contd.*																										
Veraval	0230	26	1009·4	1008·5	..	74·1	67·3	62·4	19·8	69	..	1·2	..	6·8	0	1	30	15	12	0	0	0	0	1	3	0
	0530	,,	1009·4	1008·5	..	72.7	65·0	58·5	17·7	64	..	1·0	..	7·2	0	0	31	11	15	2	0	0	0	1	2	0
	0830	,,	1011·2	1010·3	−0·5	80·2	67·8	58·9	17·6	52	−14	2·3	+0·5	8·5	0	4	27	9	18	1	0	0	0	1	2	0
	1130	,,	1011·4	1010·5	..	93·4	71·7	56·0	16·7	34	..	1·8	..	10·5	0	11	20	4	8	6	1	3	2	3	4	0
	1730	,,	1008·4	1007·5	..	85·9	77·6	73·7	28·5	67	..	2·8	..	10·6	0	6	25	0	0	0	2	10	5	8	6	0
	2330	,,	1010·7	1009·8	..	77·1	71·1	67·5	23·3	73	..	1·2	..	5·3	0	0	29	7	12	1	0	0	0	1	8	0
Mahuva	0830	51	1010·7	1008·9	..	79·3	70·1	64·8	21·0	62	..	1·6	..	4·1	0	0	25	3	14	0	0	0	0	1	7	0
	1730	,,	1007·7	1006·0	..	91·1	77·8	71·4	26·5	54	..	1·7	..	9·2	0	4	27	0	5	3	16	3	4	0	0	0
Bhavnagar	0830	55	1012·2	1010·3	+0·5	74·1	65·0	58·2	17·0	59	0	1·6	−0·6	2·5	0	0	26	3	1	0	0	0	5	11	6	0
	1730	,,	1008·1	1006·3	..	94·0	73·7	61·5	19·2	36	..	2·0	..	3·2	0	0	31	1	20	2	5	1	2	0	0	0
Bhavnagar (Aerodrome)	0830	35	1011·6	1010·4	..	79·6	68·1	60·5	18·3	53	..	1·7	..	5·7	0	0	29	15	1	2	1	0	0	3	7	0
	1130	,,	1011·6	1010·4	..	89·8	71·8	60·6	18·5	39	..	2·2	..	8·6	0	3	28	2	11	17	0	0	0	0	1	0
Konkan																										
Dahanu	0830	15	1010·5	1010·0	..	79·2	74·5	72·0	27·0	80	..	4·1	..	6·0	0	0	31	0	2	16	12	0	0	1	0	0
	1730	,,	1007·6	1007·1	..	86·4	82·1	80·2	35·5	83	..	2·8	..	11·7	0	9	22	12	0	0	0	0	0	7	12	0
Bombay (Colaba)	0830	35	1010·8	1009·6	−0·5	82·3	76·7	74·0	28·8	77	−4	3·7	+0·6	4·1	0	0	24	1	6	11	6	0	0	0	0	0
	1130	,,	1010·7	1009·5	..	87·4	78·5	74·5	29·2	66	..	3·7	..	2·4	0	0	18	1	2	10	1	1	2	0	1	1
	1730	,,	1007·7	1006·5	..	85·3	78·7	75·9	30·5	74	..	4·5	..	7·2	0	1	29	2	0	1	0	0	2	6	19	0
Bombay (Santacruz Aerodrome)	0230	27	1008·6	1007·7	..	76·7	73·0	70·8	26·0	83	..	2·6	..	2·0	0	0	15	1	6	4	3	0	0	1	0	1
	0530	,,	1008·7	1007·8	..	75·5	72·0	69·8	25·3	84	..	3·0	..	2·3	0	0	14	0	6	8	0	0	0	0	0	1
	0830	,,	1010·8	1009·9	−0·5	81·4	74·1	70·1	25·5	70	−12	4·4	+1·3	3·7	0	0	27	0	13	11	2	1	0	0	0	0
	1130	,,	1010·8	1009·9	..	89·4	76·6	70·2	25·4	54	..	4·2	..	5·4	0	0	27	0	8	10	3	2	0	2	2	0
	1730	,,	1007.8	1006·9	..	86·7	77·0	72·2	27·3	62	..	4·8	..	11·3	0	5	26	7	0	2	0	0	0	5	17	0
	2330	,,	1010·1	1009.2	..	77·6	74·3	72·5	27·5	84	..	2·6	..	1·5	0	0	13	1	6	5	0	0	0	1	0	1
Alibag	0830	23	1010·8	1010·0	−0·4	80·8	76·8	74·9	29·7	83	+7	4·6	+0·7	2·5	0	0	25	4	9	7	5	0	0	0	0	0
Harnai	0830	66	1010·4	1008·1	..	81·7	76·1	73·2	28·2	76	..	4·8	..	3·5	0	0	25	3	5	7	4	3	0	0	3	0
	1730	,,	1007·6	1005·3	..	84·1	78·0	75·4	30·0	76	..	5·4	..	7·4	0	3	27	2	4	2	0	3	2	4	13	0
Ratnagiri	0830	116	1010·4	1006·4	−0·7	79·3	76·0	74·6	29·2	86	..	4·9	..	..	0	0	31	0	3	27	0	1	0	0	0	0
	1730	,,	1007·6	1003·6	..	82·3	77·2	74·8	29·6	79	..	5·8	..	..	0	1	30	1	1	1	1	0	2	19	6	0
Devgad	0830	117	1010·4	1006·4	..	78·7	76·1	75·0	29·6	88	..	5·8	..	4·0	0	1	30	1	5	22	2	0	0	0	1	0
	1730	,,	1007·6	1003·6	..	84·2	78·6	76·1	30·8	77	..	6·1	..	11·2	0	10	21	3	0	1	1	2	3	5	16	0
Vengurla	0230	29	1008·6	1007·6	..	76·5	75·1	74·0	29·1	94	..	4·8	..	..	0	0	11	2	6	2	0	0	0	1	0	1
	0530	,,	1008·8	1007·8	..	75·9	74·8	74·3	29·0	95	..	4·1	..	..	0	0	5	2	1	2	0	0	0	0	0	1
	0830	,,	1010·9	1009·9	..	79·9	76·4	74·9	29·5	85	..	6·2	..	..	0	0	6	1	2	2	0	0	1	0	0	1
	1130	,,	1010·6	1009.6	..	86·6	78·2	74·3	29·2	68	..	5·5	..	..	0	0	19	3	1	4	0	3	4	3	1	1
	1730	,,	1008·0	1007·0	..	83·0	77·5	75·0	29·7	77	..	6·7	..	..	0	0	13	2	1	1	0	1	1	6	1	1
	2330	,,	1010·2	1009·2	..	77·3	75·7	74·8	29·7	93	..	4·6	..	..	0	0	4	1	0	3	0	0	0	0	0	3
Marmagao	0830	202	1010·6	1003·6	−0·5	79·9	76·4	74·9	29·5	85	+3	5·4	+1·2	4·9	0	0	31	3	6	6	6	9	0	0	1	0
	1730	,,	1007·6	1000·6	..	81·9	77·0	74·8	29·4	80	..	5·8	..	6·2	0	0	31	0	0	2	3	5	6	10	5	0
Karwar	0830	13	1010·5	1010·0	−0·7	78·4	76·6	75·8	30·4	92	..	5·5	..	..	0	0	3	0	0	0	0	0	2	1	0	0
	1730	,,	1007·4	1007·0	..	81·8	78·4	77·0	31·7	85	..	5·3	..	..	0	0	11	0	0	0	1	0	3	6	1	0
Honavar	0830	85	1010·7	1007·8	..	79·0	76·4	75·2	29·9	89	..	6·7	..	1·7	0	0	23	0	2	17	3	0	0	0	1	0
	1730	,,	1007·7	1004·8	..	82·5	78·5	76·8	31·5	83	..	6·9	..	1·4	0	0	17	0	0	4	2	1	1	6	3	0
Deccan (Desh)																										
Jalgaon	0830	660	1012·3	989·4	..	75·1	67·3	62·0	19·3	65	..	2·2	..	5·4	0	0	31	0	2	15	8	0	1	3	2	0
	1730	,,	1007·0	984·8	..	91·5	70·4	55·7	15·9	32	..	2·5	..	5·4	0	0	30	3	9	11	1	1	1	4	0	0
Malegaon	0830	1,432	..	..	..	75·7	66·5	59·7	18·1	60	−3	2·3	−0·3	0·3	0	0	4	0	1	1	0	0	0	2	0	0
	1730	,,	..	..	..	86·7	71·0	59·0	18·8	43	..	2·6	..	1·9	0	0	23	2	14	5	1	0	0	1	0	0
Deolali	0830	1,875	900·0	948·1	..	73·2	66·4	62·2	19·3	70	..	3·6	..	1·5	0	0	16	6	8	1	0	0	0	0	1	0
Ahmednagar	0830	2,154	900·9	938·9	−0·4	73·7	67·7	64·0	20·7	73	+9	3·9	+1·4	2·5	0	0	31	6	3	0	3	1	1	0	17	0
	1730	,,	898·4	935·6	..	83·5	68·7	59·8	17·9	47	..	5·0	..	3·2	0	0	27	2	21	0	1	0	0	0	3	0
Poona	0530	1,835	897·5	947·4	..	69·8	67·8	66·7	22·4	90	..	2·3	..	0·1	0	0	1	0	0	0	0	0	0	1	0	0
	0830	,,	899·8	949·3	−0·4	74·0	69·3	66·9	22·6	79	+2	4·4	+1·2	0·7	0	0	10	0	1	8	0	0	0	1	0	0
	1130	,,	900·3	948·8	..	83·5	72·0	66·2	22·1	57	..	4·6	..	3·8	0	1	25	0	4	20	0	0	2	0	0	0
	1730	,,	897·3	945·9	..	82·5	70·8	64·3	21·0	58	..	5·9	..	2·0	0	0	19	0	2	12	1	0	1	1	2	0
	2330	,,	898·9	948·3	..	73·7	69·3	66·6	22·7	80	..	3·0	..	0·5	0	0	7	0	2	2	0	0	0	3	0	0
Poona (Lohagaon Aerodrome)	0230	1,947	898·2	943·7	..	72·4	67·7	65·0	21·3	79	..	3·3	..	1·5	0	0	11	1	0	6	1	1	0	1	1	0
	0530	,,	898·0	943·7	..	70·2	66·7	64·3	21·0	83	..	3·5	..	1·5	0	0	12	0	4	5	1	0	0	0	2	0
	0830	,,	900·3	945·6	..	74·7	68·6	65·1	21·4	73	..	4·7	..	2·6	0	0	15	1	2	8	0	0	0	2	2	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, miles per hour.	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
a (Desh)—*contd.*																										
a (Lohagaon Aerodrome) *ntd.*	1130	1,947	900·9	945·4	..	83·9	70·7	63·4	20·3	51	..	5·0	..	8·1	0	5	21	0	3	18	3	1	0	1	0	5
	1730	,,	897·6	942.1	..	82·5	69·3	61·4	19·1	54	..	6·0	..	8·9	0	6	23	1	4	13	3	2	0	2	4	2
	2330	,,	899·3	944·7	..	74·3	68·0	64·1	20·8	73	..	4·0	..	2·4	0	0	15	0	1	5	1	0	1	2	5	16
. . . . .	0830	1,709	899·6	953·5	..	75·5	71·1	69·0	24·2	81	..	5·6	..	3·0	0	0	21	2	5	6	4	2	0	1	1	10
	1730	,,	896.8	949·7	..	83·6	71·7	65·9	21·6	57	..	5·9	..	5·4	0	1	27	4	10	6	3	2	1	0	2	3
apur	0530	1,570	1010·1	956·4	..	71·4	69·9	69·1	24·4	92	..	4·9	..	1·8	0	0	20	4	8	6	1	1	0	0	0	11
	0830	,,	1011·4	958·0	−0·2	76·2	72·0	69·9	25·1	82	+18	4·3	+1·2	1·2	0	0	16	0	12	0	3	0	1	0	0	15
	1130	,,	1010·3	957·6	..	83·0	73·3	68·7	24·1	63	..	5·9	..	3·0	0	0	21	1	7	5	7	1	0	0	0	10
	1730	,,	1006·7	954·2	..	82·2	73·4	69·1	24·5	66	..	5·7	..	2·6	0	0	24	1	18	0	5	0	0	0	0	7
	2330	,,	1010·8	957·2	..	73·6	70·4	68·8	24·1	85	..	5·2	..	1·4	0	0	11	0	7	2	2	0	0	0	0	20
aj	0830	1,817	899·4	949·5	−0·5	73·3	70·7	69·4	24·6	88	+16	6·5	+2·5	4·0	0	0	22	1	6	7	3	1	1	1	2	9
	1730	,,	896·9	946·3	..	79.7	72·6	69·5	24·5	73	..	6·7	..	6·5	0	1	27	5	7	6	2	1	2	3	2	3
apur	0530	1,870	897·4	945·7	..	70·5	69·3	68·6	24·1	94	..	4·9	..	2·3	0	0	17	0	8	4	1	0	0	3	1	14
	0830	,,	899·4	947·6	..	73·1	70·7	69·3	24·7	88	..	6·2	..	3·9	0	1	21	0	12	8	1	0	0	1	0	9
	1130	,,	899·8	947·3	..	80·3	73·1	69·6	24·9	71	..	6·3	..	7·4	0	4	22	1	11	12	1	0	0	0	1	5
	1730	,,	896·9	944·4	..	78·8	72·3	69·1	24·4	74	..	6·5	..	6·8	0	3	23	1	6	7	3	1	0	7	1	5
pur	0830	1,950	899·9	945·1	−0·5	74·2	71·1	69·6	24·8	86	+18	4·9	+2·0	1·7	0	0	22	6	7	5	1	0	1	0	2	9
	1730	,,	897·1	941·6	..	80·8	72·3	67·9	23·6	66	..	5·9	..	2·3	0	0	31	2	18	5	0	0	2	1	3	0
aum	0830	2,562	901·6	925·5	0	71·2	69·0	67·9	23·4	90	+10	5·9	+2·0	1·9	0	0	23	4	2	4	0	5	6	1	1	8
	1730	,,	899·1	922·7	..	77·7	71·8	68·7	24·2	75	..	7·3	..	1·7	0	0	22	4	0	0	1	12	3	1	1	9
aum (Sambre Aerodrome) .	0530	2,497	899·3	925·5	..	69·2	68·3	67·9	23·3	96	..	6·4	..	3·4	0	0	26	2	3	13	2	1	0	4	1	5
	0830	,,	901·0	927·0	..	72·1	69·9	68·9	24·1	89	..	6·4	..	6·6	0	3	21	2	5	11	4	1	0	1	0	7
	1130	,,	901·1	926·9	..	77·5	71·4	68·4	23·9	74	..	6·7	..	8·0	0	5	22	2	5	10	5	0	1	2	2	4
	1730	,,	898·7	924·5	..	75·1	70·9	68·7	24·2	82	..	7·2	..	5·7	0	1	23	1	5	5	4	0	1	7	1	7
lag	0830	2,131	900·5	939·2	−0·2	73·9	71·7	69·6	25·7	87	+12	6·9	+2·8	4·4	0	0	29	0	8	12	2	1	1	5	0	2
	1730	,,	897·4	935·7	..	78·5	72·6	69·9	24·9	76	..	6·7	..	3·9	0	0	26	4	4	9	1	1	0	4	3	5
lag (P.B.O.) . . .	0530	2,167	898·5	936·0	..	71·7	70·3	69·8	24·7	93	..	6·2	..	.	0	0	2	0	0	1	0	0	1	0	0	29
	0830	,,	900·5	937·9	..	74·3	71·7	70·6	25·5	89	..	6·5	..	..	0	0	16	0	1	9	2	0	2	2	0	15
	1130	,,	900·6	937·7	..	79·1	73·2	70·9	25·5	77	..	6·6	..	..	0	0	21	0	2	14	0	2	0	2	1	10
	1730	,,	897·7	934·7	..	78·3	72·9	70·7	25·4	78	..	6·6	..	..	0	0	15	0	1	8	1	1	3	1	0	16
	2330	,,	899·9	937·4	..	73·4	71·2	70·4	25·3	90	..	5·7	..	..	0	0	10	1	1	5	0	0	1	2	0	21
rabad, North																										
rangabad	0830	1,905	900·5	947·5	−0·2	73·6	67·9	64·4	21·0	74	+16	3·2	+0·2	2·1	0	0	18	1	4	11	0	0	0	2	0	13
	1730	,,	898·4	944·1	..	85·3	69·7	60·1	18·5	46	..	4·8	..	6·1	0	3	27	4	7	13	2	1	0	1	2	1
rangabad (Chikalthana Aerodrome)	0230	1,898	897·9	945·5	..	67·5	62·9	59·7	17·7	77	..	2·8	..	2·0	0	0	12	0	5	2	2		0	3	0	19
	0530	,,	897·8	945·7	..	65·1	61·9	59·6	17·7	83	..	2·7	..	1·5	0	0	10	2	1	1	0	1	0	2	3	21
	0830	,,	900·8	947·6	..	77·4	68·7	63·7	20·5	64	..	3·5	..	4·6	0	1	21	2	2	9	6	0	0	1	2	9
	1130	,,	901·0	947·2	..	84·5	69·3	60·3	18·3	46	..	3·6	..	6·8	0	1	28	1	5	14	8	0	0	0	1	2
	1730	,,	898·0	944·1	..	84·2	67·9	57·3	16·7	43	..	4·6	..	6·7	0	0	29	3	13	7	4	0	1	1	0	2
	2330	,,	899·2	946·6	..	70·4	64·1	59·9	17·9	70	..	3·2	..	2·1	0	0	13	1	2	4	3	0	0	1	2	18
bhani	0830	1,389	1012·1	964.8	..	75·6	70·8	67·3	23·6	74	..	4·1	..	1·5	0	0	17	2	12	0	2	0	0	1	0	14
	1730	,,	1007·4	961·5	..	84·3	71·3	63·5	20·9	51	..	4·5	..	2·8	0	0	24	1	16	5	1	0	0	0	1	7
magundam . . .	0830	513	1011·4	993·6	..	78·1	74·6	72·4	27·7	83	..	5·1	..	3·0	0	0	27	18	2	3	2	1	1	0	0	4
	1730	,,	1006·9	989·7	..	84·4	75·4	70·7	26·0	65	..	5·7	..	3·8	0	0	30	14	8	4	1	1	0	0	2	1
jamabad	0830	1,250	1011·3	968·8	0	78·6	73·6	70·8	26·0	78	+8	3·9	+1·3	0·1	0	0	2	1	1	0	0	0	0	0	0	29
	1730	,,	1007·6	965·4	..	81·4	73·9	69·6	25.2	69	..	4·8	..	1·4	0	0	15	1	12	1	0	0	0	0	1	16
lar	0830	2,178	900·5	937·6	..	73·3	70·4	68·7	24·2	86	+16	5·9	+2·9	5·2	0	0	30	2	11	7	3	3	3	0	1	1
	1730	,,	898·1	934·8	..	77.1	71·0	67·9	23·5	75	..	6·1	..	5·6	0	0	31	5	18	3	0	1	1	2	1	0
erabad, South																										
ilbarga	0830	1,505	1011·3	960·1	−0·2	75·8	72·4	70·6	25·7	84	+18	5·1	+2·3	7·1	0	0	31	6	14	4	4	1	0	1	1	0
	1730	,,	1007·1	956·6	..	80·8	73·3	69·4	24·9	71	..	6·3	..	9·0	0	6	25	4	11	7	5	1	1	1	1	0
ichur	0830	1,311	1011·1	966·4	−0·2	76·6	73·0	71·3	26·1	84	+14	6·0	+3·3	5·1	0	0	30	3	7	6	3	1	4	4	2	1
	1730	,,	1006·8	962·7	..	81·7	74·2	70·4	25·5	70	..	6·6	..	6·6	0	0	31	4	10	7	4	2	1	2	1	0
ahbubnagar . . .	0830	1,657	899·0	954·8	..	76·1	72·3	70·8	25·5	84	..	5·6	..	6·6	0	0	31	2	8	12	8	1	0	0	0	0
	1730	..	896·3	951·5	..	79·1	73·0	70·2	25·3	75	..	6·6	..	6·1	0	1	30	5	7	8	3	2	4	0	2	0
derabad (Begumpet Aerodrome)	0230	1,787	897·2	948·5	..	71·7	70·4	69·9	24·9	94	..	5·0	..	2·2	0	0	13	1	3	5	4	0	0	0	0	18
	0530	,,	897 5	949.0	..	70·8	69·9	69·4	24·6	95	..	4·7	..	2·0	0	0	17	3	3	8	3	0	0	0	0	14
	0830	,,	899·9	950·9	+0·4	75·3	72·0	70·4	25·5	85	+14	6·2	+2·8	5·4	0	0	28	1	7	7	11	1	1	0	0	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, miles per hour.	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, South—*contd.*																										
Hyderabad (Begumpet Aerodrome)—*contd.*	1130	1,787	899·7	950·3	..	80·7	73·3	69·3	24·9	70	..	6·2	..	6·8	0	2	28	2	6	9	10	2	1	0	0	1
	1730	,,	897·0	947·7	..	78·1	72·5	69·8	25·0	77	..	6·7	..	7·4	0	2	29	5	10	7	5	1	0	1	2	0
	2330	,,	898·8	950·1	..	72·5	70·9	70·0	25·4	92	..	5·7	..	2·9	0	0	18	3	5	7	2	0	0	1	0	13
Hakimpet	0530	2,012	898·2	941·4	..	70·6	69·6	69·0	24·3	95	..	5·0	..	3·1	0	0	18	0	8	5	4	1	0	0	0	13
	0830	,,	900·2	943·1	..	74·5	71·5	69·9	25·1	86	..	6·2	..	7·5	0	2	28	2	8	6	11	3	0	0	0	
	1130	,,	900·2	942·7	..	80·2	73·2	70·0	25·1	72	..	6·0	..	7·9	0	2	28	2	9	6	9		1	0	0	1
	1730	,,	897·6	940·2	..	77·1	72·1	69·7	24·9	79	..	6·4	..	7·4	0	4	26	5	15	4	4	1	0	0	1	1
Hanamkonda	0830	881	1011·7	981·4	+0·2	77·3	74·6	72·9	28·0	87	+14	4·8	+1·5	3·8	0	0	29	12	3	2	5	3	1	1	2	2
	1730	,,	1007·8	977·9	..	82·2	75·4	72·1	27·0	72	..	4·6	..	3·2	0	0	31	11	9	5	5	1	0	0	0	0
Bhadrachallam	0830	364	1011·1	998·5	..	79·3	76·3	75·0	29·6	87	..	5·6	..	3·0	0	0	29	2	15	3	3	1	1	2	2	2
	1730	,,	1007·6	995·1	..	83·2	77·1	74·5	29·0	76	..	6·9	..	4·3	0	1	28	2	12	5	8	0	0	0	2	2
Khammameth	0830	367	1011·4	998·8	..	80·1	76·7	75·1	29·8	85	..	4·8	..	2·2	0	0	25	15	0	5	3	1	0	1	0	6
	1730	,,	1007·7	995·1	..	83·5	76·9	73·9	28·6	73	..	6·3	..	2·6	0	0	27	9	4	6	6	1	0	0	1	4
Coastal Andhradesa																										
Nellore	0530	65	1008·5	1006·2	..	77·7	76·3	75·5	30·3	93	..	4·6	..	2·1	0	0	18	0	0	4	3	0	1	4	6	13
	0830	,,	1010·5	1008·3	−0·1	81·2	77·6	76·1	30·7	85	+6	5·0	0	2·5	0	0	26	0	0	5	4	0	0	6	11	5
	1130	,,	1009·5	1007·2	..	85·1	78·5	75·5	30·3	75	..	5·5	..	3·0	0	0	26	2	3	5	2	0	0	7	7	5
	1730	,,	1007·1	1004·9	..	83·1	78·3	76·2	30·9	81	..	5·3	..	3·1	0	0	26	0	11	9	5	0	0	0	1	5
	2330	,,	1009·6	1007·3	..	79·5	77·4	77·3	31·1	91	..	3·1	..	1·2	0	0	12	1	2	2	4	0	0	1	2	19
Ongole	0830	38	1010·7	1009·4	..	79·9	76·7	75·2	29·9	87	..	5·7	..	3·0	0	0	19	4	6	0	1	0	4	0	4	12
	1730	,,	1007·3	1006·0	..	82·4	77·4	75·2	29·8	80	..	4·7	..	4·1	0	0	27	0	9	6	10	0	0	1	1	4
Gannavaram	0530	88	1009·0	1006·0	..	76·5	75·3	74·9	29·4	95	..	4·4	..	3·5	0	1	22	5	13	1	2	0	0	0	2	6
	0830	,,	1011·2	1008·2	..	81·9	77·4	75·5	30·1	81	..	5·1	.	6·3	0	0	29	7	11	5	2	3	0	1	0	2
	1130	,,	1010·4	1007·4	..	85·9	78·5	75·2	30·0	71	..	6·0	..	7·0	0	1	29	4	12	7	3	4	0	0	0	1
	1730	,,	1007·8	1004·8	..	82·1	77·6	75·7	30·3	81	..	5·8	..	6·4	0	2	26	2	6	8	8	3	1	0	0	3
	2330	,,	1010·2	1007·2	..	77·9	76·2	75·4	30·1	92	..	4·7	..	2·3	0	0	16	3	7	2	3	1	0	0	0	13
Masulipatam	0230	10	1008·3	1008·0	..	78·9	77·7	77·5	29·9	95	..	4·0	..	3·2	0	1	18	5	9	1	1	3	0	0	0	12
	0530	,,	1008·8	1008·5	..	77·8	77·1	76·8	31·5	97	..	4·6	..	3·3	0	2	18	9	9	1	0	0	0	0	1	11
	0830	,,	1010·8	1010·5	−0·1	81·2	78·4	77·1	31·9	88	+8	5·0	+1·2	4·8	0	0	29	8	9	4	0	4	0	2	2	1
	1130	,,	1010·2	1009·9	..	83·7	79·3	77·5	32·0	82	..	6·2	..	5·6	0	0	29	4	8	8	3	3	1	1	1	1
	1730	,,	1007·5	1007·2	..	82·5	78·8	77·3	31·9	85	..	5·7	..	5·9	0	2	28	1	7	10	3	8	0	1	0	
	2330	,,	1009·9	1009·6	..	79·9	78·2	77·6	32·2	93	..	3·8	..	3·5	0	2	16	2	7	3	2	2	2	0	0	1
Kakinada	0830	26	1011·3	1010·4	+0·4	83·0	77·1	75·9	29·6	80	+3	5·5	+1·4	6·3	0	0	31	0	20	0	0	0	8	0	3	
	1730	,,	1008·0	1007·1	..	83·0	78·2	76·0	30·8	79	..	5·7	..	7·5	0	2	29	0	16	0	8	0	7	0	0	
Visakhapatnam	0230	11	1008·8	1008·4	..	78·8	76·2	75·1	29·7	88	..	4·5	..	1·7	0	0	10	1	4	1	0	0	0	0	4	2
	0530	,,	1009·1	1008·7	..	77·9	75·9	74·6	29·6	89	..	4·9	..	2·0	0	0	8	2	4	0	0	0	0	0	2	2
	0830	,,	1011·2	1010·8	+0·3	82·4	76·7	73·8	28·8	77	0	5·3	+1·0	3·7	0	0	21	2	5	3	2	0	2	3	4	1
	1130	,,	1010·3	1009·9	..	86·3	77·9	73·9	28·8	67	..	5·1	..	6·7	0	0	29	4	6	5	3	2	6	2	1	
	1730	,,	1008·2	1007·8	..	82·8	77·2	74·6	29·3	77	..	6·2	..	7·2	0	0	27	1	2	11	5	5	3	0	0	
	2330	,,	1009·9	1009·5	..	79·5	76·3	74·8	29·5	87	..	4·2	..	1·9	0	0	10	0	6	2	0	0	0	1	1	2
Calingapatam	0830	19	1011·1	1010·4	+0·1	78·9	75·9	74·7	30·2	87	+6	6·4	+3·0	4·5	0	0	31	3	3	3	0	0	0	10	12	
	1730	,,	1008·3	1007·6	..	83·5	78·1	75·1	30·5	76	..	6·2	..	8·5	0	3	28	0	6	11	5	3	4	2	0	
Rentachintala	0830	348	1011·1	999·0	..	78·7	76·5	75·6	30·2	90	+16	5·8	+0·7	0·8	0	0	11	2	0	2	1	2	0	2	2	2
	1730	,,	1007·3	995·4	..	83·4	76·8	73·7	28·6	74	..	6·7	..	2·1	0	0	22	4	0	11	3	3	0	1	0	
Rayalaseema																										
Arogyavaram	0830	2,299	900·8	933·6	..	73·3	70·8	69·6	24·7	88	..	7·0	..	1·9	0	0	20	5	4	0	3	2	1	0	5	1
	1730	,,	897·8	930·4	..	76·4	72·0	70·4	25·5	81	..	7·3	..	2·0	0	0	23	4	8	5	0	3	1	0	2	
Cuddapah	0830	428	1007·7	992·5	0	81·2	76·3	73·9	28·7	79	+6	6·2	+2·0	9·1	0	0	2	0	0	1	0	0	0	1	0	1
	1730	,,	1007·1	992·6	..	83·1	76·7	73·7	28·5	74	..	7·1	..	0·1	0	0	2	0	0	2	0	0	0	0	0	2
Bellary	0830	1,473	1010·7	960·5	−0·6	75·2	73·0	71·5	26·7	88	+19	6·5	+2·4	1·1	0	0	13	2	2	1	5	0	0	0	3	
	1730	,,	1006·4	956·9	..	80·6	73·9	70·1	25·5	72	..	6·6	..	1·5	0	0	18	0	1	1	7	1	2	0	6	
Kurnool	0830	923	1011·1	979·4	−0·1	77·2	74·2	72·8	27·5	86	+14	5·5	+1·8	2·2	0	0	11	1	3	1	2	3	0	1	0	2
	1730	,,	1006·8	975·6	..	83·0	75·8	72·4	27·2	71	..	6·5	..	2·8	0	1	9	1	0	2	3	2	1	0	1	2
Anantapur	0530	1,147	1008·7	969·4	..	73·9	72·4	71·5	26·5	93	..	5·4	..	1·4	0	0	7	1	1	5	0	0	0	0	0	2
	0830	,,	1010·7	971·4	..	76·5	73·3	71·7	26·6	86	..	6·1	..	2·8	0	0	20	1	5	6	2	1	2	2	1	
	1130	,,	1009·8	970·9	..	80·8	74·7	71·9	26·6	75	..	6·4	..	3·2	0	0	20	0	3	10	3	0	1	1	2	
	1730	,,	1006·3	967·7	..	82·1	75·0	71·5	26·5	71	..	6·5	..	4·3	0	1	23	2	7	10	2	0	0	0	3	
	2330	,,	1009·8	970·6	..	76·2	73·7	72·4	27·3	88	..	5·6	..	2·5	0	0	14	0	4	6	0	0	2	2	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, miles per hour.	Wind speed (M.P.H.)			No. of observations. Wind directions.								
			At mean sea or nearest s. 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
Inad.																										
iyamcottta	0830	167	1010·5	1004·7	..	82·6	75·9	72·7	27·5	73	..	5·5	..	2·4	0	0	21	2	2	5	2	1	4	3	2	10
	1730	,,	1007·0	1001·3	..	83·9	76·2	72·5	27·4	70	..	7·4	..	3·7	0	0	28	5	0	2	2	6	2	8	3	3
iban	0830	37	1010·5	1009·2	−0·2	82·2	77·9	76·2	30·7	82	+2	5·8	+2·2	4·6	0	0	26	3	1	2	2	8	6	2	2	5
	1730	,,	1007·4	1005·1	..	83·0	78·0	76·4	30·5	79	..	5·7	..	7·4	0	3	28	1	5	1	2	20	2	0	0	0
thurai	0830	437	1010·4	995·4	−0·6	80·7	75·5	72·9	27·8	78	+4	6·0	+0·9	1·1	0	0	15	5	3	0	0	0	0	1	6	16
	1730	,,	1006·8	991·9	..	84·3	77·2	73·0	28·7	72	..	7·1	..	1·9	0	0	22	1	8	2	6	3	0	2	0	9
apattinam	0830	31	1010·7	1009·6	−0·1	80·6	76·9	75·1	29·9	84	+5	6·0	+1·0	3·7	0	0	29	1	1	1	0	1	7	8	10	2
	1730	,,	1007·1	1006·0	..	83·7	78·1	75·6	30·3	77	..	5·8	..	7·5	0	0	28	3	7	6	6	3	2	0	1	3
ichirappalli	0230	289	1008·3	998·2	..	76·6	75·0	74·3	29·0	93	..	5·5	..	2·5	0	0	18	2	3	5	1	1	0	4	3	13
	0530	,,	1008·7	998·6	..	75·9	74·8	74·0	29·0	94	..	6·4	..	1·7	0	0	12	1	2	0	0	1	0	6	2	19
	0830	,,	1010·5	1000·5	−0·6	79·4	76·1	74·3	29·3	85	+6	6·3	+1·8	5·2	0	1	25	1	1	1	0	0	1	15	7	5
	1130	,,	1009·7	999·7	..	84·1	77·6	74·9	29·4	74	..	6·5	..	6·5	0	1	29	3	3	3	1	0	0	14	6	1
	1730	,,	1006·5	996·5	..	83·7	77·6	74·5	29·5	74	..	6·6	..	5·2	0	0	28	3	5	7	3	3	2	4	1	3
	2330	,,	1010·0	999·9	..	77·6	75·7	74·7	29·5	91	..	5·6	..	3·3	0	0	19	3	2	4	3	0	3	2	2	12
mbatore	0830	1,341	1011·1	965·5	+0·1	77·0	72·6	70·1	25·3	79	−2	6·6	+2·3	4·4	0	0	31	2	12	8	0	4	4	1	0	0
	1730	,,	1007·1	961·9	..	80·9	74·0	70·4	25·5	72	..	7·4	..	6·3	0	0	31	3	11	8	1	3	4	1	0	0
	0530	1,307	1008·8	964·1	..	72·8	71·3	70·5	25·5	93	..	6·7	..	3·4	0	1	18	2	0	1	0	6	6	2	2	12
mbatore (Peelamedu erodrome)	0830	,,	1010.6	966·1	..	76·4	72·8	71·1	26·0	83	..	6·8	..	2·8	0	1	15	2	5	2	0	1	4	1	1	15
	1130	,,	1009·2	965·3	..	82·5	74·4	70·3	26·4	67	..	7·0	..	6·4	0	2	23	0	7	4	1	6	5	0	2	6
	1730	,,	1006·4	962·4	..	80·7	73·7	70·2	25·2	71	..	7·2	..	9·8	0	12	16	1	0	6	1	6	10	2	2	3
	2330	,,	1010·1	965·5	..	74·5	72·5	71·5	26·4	91	..	6·8	..	7·3	0	4	20	0	0	0	0	9	10	4	1	7
m *	0530	913	1008·4	977·0	..	74·2	72·8	72·1	26·9	93	..	4·9	..	2·1	0	0	23	0	11	0	1	0	9	2	0	7
	0830	,,	1010·6	979·3	−0·7	76·6	73·9	72·6	27·4	87	+9	5·9	+1·3	1·7	0	0	20	1	7	0	3	1	8	0	0	11
	1130	,,	1009·8	978·8	..	82·2	75·7	72·6	27·4	73	..	5·1	..	2·5	0	0	29	5	6	1	1	0	6	9	1	2
	1730	,,	1006·3	975·4	..	82·0	76·0	73·3	27·9	76	..	6·7	..	1·2	0	0	15	0	2	10	0	1	0	2	0	16
	2330	,,	1010·0	978·7	..	76·7	74·1	72·7	27·6	88	..	5·5	..	2·3	0	0	21	0	10	1	2	0	6	2	0	10
lakurichi	0830	416	1010·3	996·0	..	79·3	75·4	73·7	28·5	83	..	5·4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1730	,,	1006·4	992·2	..	83·4	76·3	73·0	27·8	71	..	6·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
dalore	0530	39	1008·4	1007·0	..	76·9	75·2	74·3	29·1	93	..	4·0	..	1·3	0	0	8	3	0	0	1	1	0	0	3	23
	0830	,,	1010·6	1009·2	−0·2	80·9	76·8	75·0	29·7	82	+1	5·6	+1·0	2·1	0	0	23	2	3	0	0	3	9	0	6	8
	1130	,,	1009·7	1008·4	..	84·0	77·9	75·2	29·9	75	..	6·1	..	5·2	0	0	29	2	4	3	6	3	1	7	3	2
	1730	,,	1006·7	1005·4	..	83·1	77·9	75·6	30·3	79	..	6·3	..	3·9	0	0	29	1	8	3	13	0	0	0	4	2
	2330	,,	1009·9	1008·5	..	79·5	76·9	75·8	30·4	89	..	3·6	..	2·3	0	0	12	2	1	0	2	3	2	2	0	19
lore	0530	703	1008·8	984·5	..	74·9	73·9	73·1	27·4	95	..	6·5	..	1·2	0	0	14	1	3	1	2	4	2	0	1	17
	0830	,,	1010·5	986·3	−0·1	78·6	75·3	73·8	28·5	85	+5	6·7	+2·9	1·3	0	0	15	1	1	0	1	0	2	3	7	16
	1130	,,	1009·3	985·5	..	84·2	76·5	72·9	27·7	70	..	6·4	..	3·7	0	0	29	6	6	2	0	2	1	4	8	2
	1730	,,	1006·7	982·9	..	82·8	75·9	72·7	27·4	73	..	6·9	..	5·3	0	0	28	1	9	6	4	4	2	2	0	3
	2330	,,	1010·1	985·9	..	77·3	75·1	74·0	28·7	90	..	6·4	..	2·1	0	0	16	0	5	0	1	5	5	0	0	15
dras	0230	51	1008·2	1006·4	..	78·1	77·0	76·6	31·2	95	..	4·4	..	2·7	0	0	15	2	0	0	0	2	3	5	3	16
	0530	,,	1008·5	1006·8	..	77·3	76·4	75·9	30·6	96	..	5·0	..	2·2	0	0	14	1	0	0	0	0	3	6	4	17
	0830	,,	1010·6	1008·8	−0·2	80·9	77·9	76.4	31·3	87	+7	5·8	+1·2	3·7	0	0	26	3	1	0	0	4	5	4	9	5
	1130	,,	1009·7	1008·0	..	84·8	78·9	76·4	31·1	77	..	6·6	..	4·3	0	0	26	4	1	3	4	2	4	6	2	5
	1730	,,	1007·2	1005·5	..	81·9	78·3	76·8	31·4	85	..	5·9	..	5·7	0	1	27	3	7	8	8	0	0	2	0	3
	2330	51	1009·9	1008·1	..	79·2	77·7	77·0	31·7	93	..	3·9	..	2·8	0	0	16	0	0	2	2	3	2	4	3	15
dra (Nungambakkam)	0830	21	1010·0	1009·3	..	81·2	77·6	76·0	30·7	85	..	5·8	..	2·1	0	0	22	1	2	0	0	0	10	4	5	9
bar & South Kanara																										
ngalore	0230	72	1008·5	1006·0	..	77·0	75·7	75·1	29·8	94	..	6·7	..	4·3	0	0	27	0	1	21	3	0	0	1	1	4
	0530	,,	1008·9	1006·3	..	76·2	75·1	74·5	29·3	95	..	6·6	..	2·4	0	0	23	0	0	19	3	0	0	1	0	8
	0830	,,	1010·7	1008·2	−0·6	79·4	76·2	74·7	29·4	86	+2	6·6	+1·8	4·3	0	0	31	0	0	24	5	1	1	0	0	0
	1130	,,	1010·3	1007·9	..	84·4	78·1	75·2	30·0	74	..	6·1	..	3·9	0	0	30	1	0	1	1	8	11	6	2	1
	1730	,,	1007·6	1005·1	..	82·0	77·3	75·3	29·9	80	..	7·1	..	3·5	0	0	25	1	1	0	2	4	4	9	4	6
	2330	,,	1010·3	1007·8	..	77·9	76·2	75·3	30·1	93	..	6·9	..	1·8	0	0	18	0	0	14	0	2	0	1	1	13
hikode	0530	27	1008·7	1007·8	..	76·2	74·5	73·6	28·4	92	..	5·6	..	1·5	0	0	17	0	4	12	1	0	0	0	0	14
	0830	,,	1010·5	1009·7	−0·7	79·5	76·4	75·0	29·7	86	0	6·3	+1·1	2·6	0	0	29	0	14	14	1	0	0	0	0	2
	1130	,,	1010·4	1009·5	..	84·6	78·6	75·8	30·7	76	..	5·7	..	4·6	0	0	31	0	1	1	0	10	11	5	3	0
	1730	,,	1007·5	1006·6	..	83·3	78·0	75·8	30·3	78	..	6·9	..	4·2	0	0	31	0	2	2	0	5	10	10	2	0
	2330		1010·4	1009·5	..	78·4	76·6	74·9	29·5	89	..	6·5	..	1·6	0	0	14	0	4	3	1	1	0	1	4	17
hat	0830	319	1010·9	999·9	..	78·1	75·5	74·1	28·8	86	..	6·3	..	4·5	0	0	27	0	0	5	3	0	1	14	4	4
	1730		1007·2	996·3	..	81·1	76·1	74·1	28·5	79	..	6·9	..	6·2	0	0	29	2	0	2	1	0	6	11	7	2

*Observations for 30 days.

(a) Means of 30 days.

TABLE III—SUMMARY OF OBSERVATIONS AT FIXED HOURS—OCTOBER 1953.

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, miles per hour.	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
Mysore																										
Chitaldrug	0830	2,405	900·7	929·9	−0·5	72·3	70·1	69·0	24·3	89	+14	6·0	+1·4	1·8	0	0	20	0	1	14	0	0	4	1	0	1
	1730	,,	897·6	926·3	..	78·5	71·7	68·6	23·7	72	..	6·8	..	1·3	0	0	16	0	0	11	0	0	3	2	0	1
Shimoga	0830	1,872	899·3	947·3	..	74·0	71·4	70·3	25·2	88	..	6·8	..	1·2	0	0	13	0	3	3	3	1	3	0	0	1
	1730	,,	896·5	944·2	..	77·2	73·2	71·2	26·3	83	..	6·3	..	1·8	0	0	20	2	1	3	2	1	5	5	1	1
Hassan	0830	3,149	901·8	906·2	..	69·3	67·5	66·5	22·2	91	+11	6·7	+1·8	2·8	0	0	23	1	0	5	5	2	3	4	3	1
	1730	,,	898·7	903·0	..	75·3	70·1	67·4	23·1	77	..	6·5	..	4·3	0	0	27	2	1	4	3	2	5	7	3	
Bangalore (Central Observatory)	0230	3,021	899·6	908·2	..	68·6	67·5	67·0	22·6	95	..	6·8	..	3·2	0	0	23	0	1	8	3	2	0	5	4	
	0830	,,	901·7	910·2	−0·4	70·8	68·6	67·5	23·0	90	+9	7·1	+1·8	3·9	0	0	27	1	2	7	4	2	1	7	3	
	1130	,,	901·2	909·6	..	76·9	70·3	66·8	22·6	71	..	7·0	..	4·6	0	0	28	0	3	7	4	0	4	7	3	
	1730	,,	898·5	907·0	..	75·4	70·0	67·2	22·8	76	..	7·3	..	3·7	0	0	25	2	3	6	4	0	4	4	2	
Bangalore (Aerodrome)	0530	2,942	899·9	911·0	..	68·6	68·1	67·3	23·3	96	..	6·0	..	2·9	0	0	20	0	3	6	1	0	2	7	1	1
	0830	,,	901·9	913·0	..	72·0	69·6	68·5	23·7	89	..	7·0	..	4·7	0	0	25	0	1	7	2	1	2	11	1	
	1130	,,	901·3	912·3	..	78·5	72·0	68·9	24·2	73	..	6·4	..	5·0	0	0	27	4	1	8	3	1	3	4	3	
	1730	,,	898·8	909·7	..	76·7	71·3	68·6	24·0	77	..	7·2	..	5·6	0	1	29	3	3	7	5	2	3	4	3	
	2330	,,	901·4	912·4	..	70·8	69·3	68·4	23·8	93	..	6·7	..	4·8	0	0	29	4	2	9	4	1	4	4	1	
Mysore	0830	2,518	901·0	926·3	−0·7	71·5	69·7	68·6	24·1	91	+10	6·8	+1·4	4·1	0	0	31	1	3	2	2	4	4	13	2	
	1730	,,	898·2	923·2	..	77·0	71·3	68·6	23·9	76	..	7·6	..	5·3	0	0	31	2	4	5	2	4	6	7	1	
Balehonnur	0830	,,	..	..	..	69·7	68·5	67·9	23·5	94	+2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Travancore-Cochin																										
Fort Cochin	0830	10	1010·9	1010·6	−0·9	80·0	76·4	74·7	29·4	84	+2	7·6	+2·8	3·0	0	0	26	1	6	10	5	1	2	0	1	
	1730	,,	1007·6	1007·3	..	81·9	77·4	75·5	29·0	81	..	7·7	..	4·5	0	1	25	0	1	1	1	1	10	10	2	
Cochin (Willingdon Island Aerodrome)	0230	6	1008·7	1008·5	..	76·5	75·2	74·5	29·3	93	..	6·4	..	4·8	0	1	19	0	4	6	6	2	0	1	1	1
	0530	,,	1009·1	1008·9	..	76·0	74·9	74·2	29·1	95	..	7·3	..	1·9	0	1	12	0	4	7	2	0	0	0	0	1
	0830	,,	1010·8	1010·6	..	78·8	76·2	75·1	29·7	89	..	6·7	..	3·1	0	0	25	0	3	14	5	2	0	0	1	
	1130	,,	1010·3	1010·1	..	83·6	77·9	75·6	30·1	77	..	6·3	..	5·2	0	0	31	1	0	2	6	6	7	6	3	
	1730	,,	1007·8	1007·6	..	81·9	77·2	75·0	29·8	80	..	7·3	..	5·6	0	0	29	0	0	1	1	3	10	11	3	
	2330	,,	1010·7	1010·5	..	77·6	76·0	75·3	29·9	93	..	6·6	..	3·5	0	0	22	0	6	9	4	1	1	1	0	
Alleppey	0830	12	1010·9	1010·5	..	80·3	77·4	76·1	30·8	88	..	7·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	1730	,,	1007·8	1007·3	..	81·9	77·7	75·7	30·5	82	..	7·4	..	..	..	..	..	..	..	..	..	..	..	..	..	
Trivandrum	0230	211	1008·9 (a)	1001·6 (a)	..	75·8	74·7	74·2	28·9	95	..	6·3	..	2·9	0	0	27	4	10	3	2	0	1	2	5	
	0530	,,	1009·2	1001·9	..	75·1	74·2	73·7	28·4	95	..	6·6	..	2·8	0	0	30	10	8	2	1	0	1	2	6	
	0830	,,	1011·1	1003·8	−0·5	77·6	75·6	74·5	29·3	90	+5	7·4	+1·9	2·8	0	0	30	2	14	0	4	0	0	0	10	
	1130	,,	1010·5	1003·2	..	82·7	77·1	74·6	29·2	77	..	7·1	..	5·0	0	1	29	2	0	0	0	1	13	0	14	
	1730	,,	1008·3	1001·0	..	80·4	76·7	75·0	29·6	84	..	7·5	..	3·7	0	0	31	1	4	1	0	2	11	5	7	
	2330	,,	1010·9	1003·6	..	76·7	75·3	74·8	29·3	93	..	6·1	..	3·2	0	0	28	9	8	2	2	1	1	0	5	
Hill Stations excluding Kashmir																										
Kohima	0830	4,614	..	..	..	67·7	64·1	61·9	19·1	82	..	5·3	..	2·7	0	0	30	4	2	1	15	4	1	0	3	
	1730	,,	901·9	860·5	..	64·7	62·8	61·5	18·7	90	..	3·6	..	1·4	0	0	20	4	0	1	0	3	0	4	8	
Aijal	0830	3,599																								
	1730	,,																								
Shillong	0830	4,921	902·5	852·1	−0·1	67·2	59·5	53·6	14·4	63	−9	2·5	−0·9	0·8	0	0	6	0	0	0	0	1	5	0	0	
	1730	,,	899·8	849·4	..	64·9	61·9	60·2	17·7	84	..	6·3	..	0·8	0	0	5	0	0	0	1	0	4	0	0	
Cherrapunji	0830	4,309	902·4	870·5	−0·3	67·2	62·4	59·1	17·0	78	+5	4·7	+0·9	4·1	0	2	29	3	13	5	1	1	6	2	0	
	1730	,,	899·5	867·6	..	65·1	63·0	61·7	19·0	89	..	5·1	..	3·2	0	1	26	1	7	1	2	0	7	0	9	
Darjiling (Raj Bhawan)	0830	6,980	805·3	793·6	+2·3	59·3	54·7	51·3	13·0	77	+4	3·3	−1·0	0·3	0	0	5	1	1	0	0	2	0	0	1	
	1730	,,	803·3	791·7	..	58·1	55·6	54·0	14·2	87	..	7·0	..	1·3	0	0	18	0	0	0	0	1	8	8	1	
Kalimpong	0830	4,965	898·3	877·2	−4·6	68·1	66·5	65·4	21·7	92	+13	1·5	−1·5	1·8	0	0	23	0	0	0	0	0	0	0	23	
	1730	,,	895·2	874·1	..	68·5	66·8	65·6	22·0	91	..	3·0	..	2·9	0	0	25	0	0	0	25	0	0	0	0	
Katmandu	0830	4,388	904·3	869·6	..	63·0	60·0	57·5	16·5	83	−1	3·7	−0·9	0	0	0	0	0	0	0	0	0	0	0	0	
	1730	,,	900·5	866·3	..	67·2	61·9	58·4	16·5	73	..	1·7	..	0·2	0	0	3	1	0	0	0	0	1	1	0	
Mukteswar (Kumaon)	0830	7,592	804·5	775·4	+0·7	55·4	45·3	33·7	5·7	46	−11	0·4	−1·0	5·0	0	2	20	0	2	3	0	1	1	9	6	
	1730	,,	802·4	773·6	..	58·6	50·9	43·8	9·7	60	..	1·0	..	9·2	0	2	28	0	0	0	0	0	8	17	5	
Nainital	0830	6,409	802·3	806·9	..	61·2	46·8	38·2	4·3	44	..	0·3	..	3·4	0	0	29	1	1	18	1	0	1	6	1	
	1730	,,	800·6	805·2	..	58·9	51·8	45·3	10·1	61	..	0·4	..	4·0	0	0	30	1	0	0	0	0	5	24	0	
Lokpal	0830	..	..	..	..	28·3	27·9 (b)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Mussoorie	0830	6,699	802·8	800·0	+0·2	59·4	48·8	38·9	8·1	47	−17	0·4	−1·2	1·3	0	0	14	2	3	0	4	5	0	0	0	
	1730	,,	801·3	797·6	..	59·0	52·9	48·4	11·6	67	..	0·8	..	1·8	0	0	25	0	0	0	8		3	0	0	

* Data not available.

(a) Mean of 30 days.

(b) Mean of 15 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, miles per hour.	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	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
...ations excluding Kash-																										
...contd.																										
...a	0830	7,224	803·0	784·4	+0·5	59·0	45·6	29·6	5·6	34	−10	0·3	−0·8	0·6	0	0	10	4	0	1	1	3	0	0	1	21
	1730	,,	801·6	783·0	..	58·9	48·5	38·5	7·9	48	..	1·0	..	1·1	0	0	17	3	2	1	0	5	5	0	1	14
...ousie	0830	6,426	797·6 (a)	801·5	..	59·6 (a)	51·3	43·7	10·0	58 (a)	..	0·7	..	1·4	0	0	10	2	7	1	2	0	0	0	0	19
	1730	,,	796·1	800·2	..	59·6	55·3	52·0	13·7	77	..	0·3	..	0·6	0	0	9	0	2	0	0	0	4	3	0	22
...ramshala	0830	3,975	907·3	885·5	..	68·7	56·0	46·2	10·3	45	..	0·5	..	1·2	0	0	12	4	5	2	0	0	0	0	1	19
	1730	,,	905·5	884·0	..	72·5	58·6	48·9	11·1	43	..	0·5	..	2·5	0	0	24	0	0	0	1	0	2	19	2	7
...marhi	0830	3,528	903·9	896·2	+0·6	69·0	61·8	56·3	16·0	66	+6	2·2	0	2·0	0	0	18	1	6	6	0	0	1	1	3	13
	1730	,,	901·0	893·5	..	76·2	64·5	56·6	16·1	52	..	3·0	..	1·1	0	0	16	1	9	5	0	0	0	0	1	15
...	0830	3,921	903·4	889·6	+0·4	72·1	57·2	43·2	10·0	37	−11	0·6	−0·5	1·4	0	0	10	2	4	2	0	1	0	1	0	21
	1730	,,	901·2	881·6	..	76·8	59·2	42·9	10·1	32	..	1·2	..	0·8	0	0	10	5	3	0	0	1	1	0	0	21
...abaleshwar	0830	4,534	902·2	863·5	−0·2	66·5	63·7	62·4	18·9	86	+9	5·8	+2·0	6·5 (c)	0	3	26	0	17	10	2	0	0	0	0	2
	1730	,,	899·8	861·3	..	68·1	65·2	63·2	20·1	85	..	6·0	..	4·0 (c)	0	0	30	1	19	2	0	0	2	2	4	1
...di Hills	0830	..	..	..	..	64·6	64·2	63·8	20·3	98	..	7·6	..	..		..	..	..	..	..	..	..	..	..	..	..
...cara	0830	3,781	901·5	885·9	−0·1	66·3	65·7	65·3	21·2	96	+9	5·8	+0·4	2·7	0	0	26	0	4	5	1	0	4	8	4	5
	1730	,,	899·3	883·9	..	70·0	68·1	66·8	22·7	90	..	5·9	..	2·8	0	0	29	0	3	3	0	0	3	12	8	2
...aikanal	0830	7,688	803·2	771·9	+0·6	57·1	55·4	54·3	14·4	91	+11	6·8	+2·0	2·5	0	0	16	1	3	2	5	0	1	1	3	15
	1130	,,	802·8	771·7	..	61·1	58·2	56·5	15·4	85	..	7·6	..	4·2	0	0	24	1	3	3	7	2	1	0	7	7
	1730	,,	801·0	769·8	..	57·2	56·4	56·0	15·2	96	..	7·9	..	2·0	0	1	14	0	2	2	4	1	2	1	3	16
...icamund	0830	7,378	802·8	780·0	+0·2	57·9	55·6	54·2	14·3	87	+8	5·6	+0·8	0·3	0	0	3	0	0	0	3	0	0	0	0	28
	1730	,,	800·7	778·0	..	59·0	57·1	56·1	15·2	89	..	7·4	..	0·5	0	0	7	0	1	1	2	1	0	1	1	24
...noor	0830	..	..	..	..	64·7	62·2	61·1	18·2	88	+13	5·8	+0·2	3·4	0	0	31	2	1	1	14	8	2	3	0	0
...a ...ien	0830	..	..	..	..	49·9	45·4	41·0	8·8	72	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
...ing (Chumbi)	0830	..	..	..	..	49·9	47·0	44·4	9·2	84	+1	0·3	−2·5	..	..	..	..	..	..	..	..	..	..	..	..	..
...ia	0830	12,090	631·1	656·8	..	53·4	52·4	51·6	12·9	94	..	0·6	..	0	0	0	1	0	0	0	0	0	1	0	0	30
...atse	0830	13,110	626·7	627·4	..	46·9	40·9	35·5	6·9	64	+14	0·4	−0·9	0·7	0	0	9	0	0	4	5	0	0	0	0	22
...a ...mbo	0830	24																								
	1730	,,																								
...comalee	0830	,,																								
	1730	,,																								
...icoloa	0830	20																								
	1730	,,																								
...ibantota	0830	50																								
	1730	,,																								
...inar	0830	12																								
	1730	,,																								
...OMETEOROLOGICAL ...ERVATORIES																										
...odar Catchment																										
...aro	0530	784	1010·9	983·5	..	68·4	66·9	65·8	21·8	92	..	4·6	..	1·7	0	0	21	4	0	0	0	0	0	2	15	10
	0830	,,	1012·4	985·3	..	75·7	70·2	67·2	22·7	75	..	2·7	..	1·7	0	0	22	0	1	0	1	2	5	6	7	9
	1130	,,	1010·8	984·2	..	86·3	71·4	61·9	19·5	46	..	3·2	..	3·2	0	1	26	1	2	2	4	2	6	3	7	4
	1730	,,	1008·3	981·6	..	81·5	71·3	65·3	21·6	59	..	3·5	..	1·8	0	0	17	6	2	1	2	0	2	2	2	14
	2330	,,	1010·9	983·6	..	71·1	68·5	66·9	22·7	87	..	1·2	..	2·0	0	0	24	9	1	0	0	0	0	1	13	7
...aribagh	0530	2,019	898·2	941·7	..	65·4	62·7	61·0	18·4	85	..	2·8	..	0·9	0	0	9	0	0	1	0	0	1	7	0	22
	0830	,,	900·9	943·4	..	75·9	67·5	62·5	19·5	64	..	1·5	..	3·1	0	0	29	2	1	11	0	1	3	8	3	2
	1130	,,	900·6	942·7	..	80·3	67·6	59·5	17·9	51	..	2·8	..	4·0	0	1	25	3	1	6	0	0	2	5	9	5
	1730	,,	898·0	940·4	..	75·3	68·0	64·0	20·3	68	..	2·3	..	1·2	0	0	15	3	1	2	0	0	0	3	6	16
	2330	,,	898·9	942·1	..	67·3	63·7	61·3	18·7	82	..	1·0	..	0·7	0	0	9	0	0	1	0	1	2	5	0	22
...i	0830	..	..	..	..	79·4	69·6	63·4	20·2	59	..	..	..	2·3	0	0	25	2	1	8	1	1	2	6	4	6
	1730	..	..	..	..	78·9	68·9	62·5	19·6	58	..	..	..	1·3	0	0	17	4	2	1	0	0	0	3	7	14
...garh	0830	..	..	..	..	76·8	71·1	68·0	23·4	74	..	..	..	1·9	0	0	26	0	1	0	2	0	6	11	6	5
	1730	..	..	..	..	78·0	71·9	68·6	24·0	73	..	..	..	0·6	0	0	9	4	0	0	2	1	0	0	2	22
...nbad	0530	839	1010·2	981·0	..	71·8	69·3	67·5	23·3	87	..	1·3	..	2·0	0	0	26	6	4	2	0	0	5	7	2	5
	0830	,,	1011·7	983·0	..	80·7	72·2	67·2	23·1	65	..	1·9	..	3·4	0	0	29	4	9	3	1	0	3	5	4	2
	1130	,,	1010·5	982·1	..	86·5	72·3	63·6	20·7	48	..	2·5	..	4·1	0	1	26	5	8	2	1	0	2	7	2	4
	1730	,,	1008·1	979·5	..	81·4	72·5	67·4	23 2	64	..	2·3	..	2·1	0	0	23	2	3	3	2	3	3	3	4	8
	2330	,,	1010·2	981·3	..	74·9	70·4	67·5	23·4	79	..	0·8	..	2·2	0	0	27	2	2	5	0	3	3	8	4	4

(a) Mean of 30 days. * Data not available. † Data not reliable. (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, miles per hour.	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	Ca
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	
HYDROMETEOROLOGICAL OBSERVATORIES—*contd.*																										
Mahanadi Catchment																										
Baramul	0830	210	1011·9	1004·7	..	80·4	75·9	74·2	28·5	81	..	..	..	1·2	0	0	18	4	5	7	1	0	0	1	0	
	1730	,,	1008·7	1001·4	..	77·5	74·8	73·8	28·2	88	..	..	..	0·3	0	0	4	1	0	0	0	1	0	1	1	
Hirakud	0830	522	1014·7	996·6	..	81·3	74·9	72·0	26·6	73	..	..	..	0·3	0	0	5	0	2	0	2	0	1	0	0	
	1730	,,	1011·0	993·4	..	84·1	75·1	70·6	25·7	64	..	..	..	0·1	0	0	2	0	1	0	0	0	0	0	1	
Barkachhar	0830	..	..	..	..	78·8	73·9	71·9	26·4	78	..	4·4	..	2·5	0	0	22	2	5	5	1	0	2	2	5	
	1730	..	..	..	..	78·0	73·5	71·2	26·2	80	..	4·8	..	1·2	0	0	8	1	1	1	0	1	1	2	1	
Sonepur	0830	..	..	..	..	80·5	76·2	73·7	28·9	80	..	..	..	1·5	0	0	20	1	1	8	4	1	1	3	1	
Ginabahar	0830	..	..	..	..	75·1	70·0	67·3	23·0	77	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Ganga Catchment																										
Tapoban*	0830																									
Badrinath	0830	..	..	..	..	44·0	43·2	42·4	9·3	95	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Narbada Catchment																										
Punasa	0830	..	..	..	..	77·4	67·0	59·5	17·9	56	..	1·5	..	2·6	0	0	30	2	12	11	1	1	3	0	0	
	1730	..	..	..	..	87·7	69·9	58·1	17·0	39	..	1·7	..	1·9	0	0	29	1	10	11	2	0	2	2	1	
Bagra Tawa	0830	..	..	..	..	74·2	67·3	62·7	19·7	68	..	2·1	..	1·9	0	0	25	0	4	1	2	8	10	0	0	
	1730	..	..	..	..	82·6	70·2	62·3	19·6	52	..	2·9	..	0·7	0	0	10	0	0	0	3	6	1	0	0	
Thikri	0830	..	..	..	..	76·5	68·7	63·6	20·4	66	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Tapti Catchment																										
Nandurbar	0830	..	..	..	..	81·2	68·5	58·7	18·1	49	..	..	..	..	..	..	..	..	..				..	..	..	
Sabarmati Catchment																										
Jhadol	0830	..	..	..	..	63·5	60·7	58·9	16·9	84	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	
Dharoi	0830	..	..	..	..	75·6	64·1	55·6	15·2	51	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	1730	..	..	..	..	90·5	71·0	59·0	17·1	35		..	..	..	..	..	..	..	..	..	..	..	..	..	..	

*Data not available.

RADIOSONDE DATA
MEAN DYNAMIC HEIGHT, TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACES
(From Ascents at 15 hrs. G. M. T.)
OCTOBER 1953

Surface mbs.	ALLAHABAD (Sur. Pr. 999 mb.)						CALCUTTA (1009 mb.)						JODHPUR (985 mb.)					
	No. of Obs.	Ht. Gpm.	Temperature °A.				No. of Obs.	Ht. Gpm.	Temperature °A.				No. of Obs.	Ht. Gpm.	Temperature °A.			
			Mean	Max.	Min.	Dew Point			Mean	Max.	Min.	Dew Point			Mean	Max.	Min.	Dew Point
face	31	98	298·2	302	295	292·7	31	5	298·6	302	293	296·7	31	218	301·7	305	298	281·0
000	31	87	..	..	..	..	31	90	..	..	..	..	31	88	..	..	..	..
900	31	1018	296·4	301	293	285·4	31	1014	294·7	298	290	287·9	31	1022	298·7	303	294	273·9
850	31	1514	291·7	297	287	283·8	31	1508	292·1	297	288	284·7	31	1520	294·0	297	289	272·1
800	31	2032	287·8	293	283	279·2	31	2027	288·8	293	284	279·7	31	2040	289·2	293	283	271·3
700	31	3152	282·3	284	278	269·1	31	3148	282·9	287	279	274·4	31	3154	279·8	284	277	264·2
600	29	4416	275·3	279	272	264·0	31	4414	276·0	279	272	270·3	31	4405	273·6	279	266	251·4
500	28	5865	266·8	271	263	..	31	5865	268·0	272	262	..	31	5846	265·3	273	257	..
400	28	7578	257·4	263	253	..	31	7581	257·9	266	250	..	31	7545	254·6	263	243	..
300	28	9695	245·5	252	241	..	29	9699	244·7	258	236	..	29	9629	241·7	248	233	..
250	27	10978	236·7	245	229	..	27	10972	235·5	242	227	..	28	10906	234·1	241	226	..
200	25	12505	226·7	235	221	..	23	12474	224·9	234	216	..	28	12402	224·0	235	213	..
175	20	13382	221·4	234	213	..	15	13377	219·1	226	214	..	23	13277	218·6	232	210	..
150	14	14389	216·7	231	208	..	8	14300	212·3	217	208	..	16	14295	213·8	227	206	..
125	7	15633	215·1	223	208	..							5	15368	206·4	221	197	..
100																		
80																		

	MADRAS (1007 mb.)						NAGPUR (975 mb.)						NEW DELHI (986 mb.)					
face	30	15	300·1	302	297	297·4	26	311	297·8	301	296	290·5	31	210	295·5	301	292	287·8
000	30	80	..	..	..	..	26	82	..	..	..	..	31	85	..	..	..	..
900	30	1006	294·8	298	293	290·7	26	1009	295·4	300	294	285·2	31	1015	297·6	302	293	278·4
850	30	1501	292·5	295	291	288·2	24	1504	292·3	295	290	282·1	31	1512	293·4	298	289	277·0
800	29	2022	289·3	291	287	284·5	25	2024	287·9	290	285	278·6	31	2032	288·9	293	281	275·1
700	28	3150	283·4	287	280	278·0	24	3141	281·5	284	278	272·8	31	3149	281·1	297	275	269·3
600	26	4420	276·4	280	274	272·4	18	4402	274·8	277	271	269·0	31	4402	272·1	279	268	259·2
500	24	5874	268·2	270	266	..	12	5855	267·0	272	262	..	31	5829	263·1	270	255	..
400	22	7598	258·4	263	256	..	6	7574	257·5	259	255	..	31	7514	252·1	259	244	..
300	22	9720	245·5	249	241	..	..	..	..	..	..	..	31	9582	239·7	247	227	..
250	20	11000	235·7	241	233	..	..	..	..	..	..	..	30	10833	232·8	240	221	..
200	15	12481	224·7	231	219	..	..	..	..	..	..	..	28	12326	223·3	233	210	..
175	11	13387	219·7	225	213	..	..	..	..	..	..	..	22	13219	219·1	230	203	..
150	10	14353	212·7	220	206	..	..	..	..	..	..	..	16	14193	213·9	225	207	..
125													6	15428	209·2	218	198	..
100																		
80																		

RADIOSONDE DATA
MEAN DYNAMIC HEIGHT, TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACES
(From Ascents at 15 hrs. G. M. T.)
OCTOBER 1953

Standard Pressure Surface mbs.	POONA (Sur. Pr. 948 mb.)						PORT BLAIR (1001 mb.)						SHILLONG (841 mb.)					
	No. of Obs.	Ht. Gpm.	Temperature °A.				No. of Obs.	Ht. Gpm.	Temperature °A				No. of Obs.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point			Mean	Max.	Min.	Dew Point			Mean	Max.	Min.	Dew Point
Surface	31	557	297·9	301	295	292·5	25	81	299·5	301	297	297·0	31	1602	289·5	291	287	287·6
1000	31	86	..	..	..	..	24	92	..	..	..	..	30	103	..	..	..	..
900	31	1010	296·3	300	293	287·5	24	1017	294·0	296	292	290·5	30	1017	..	..	..	..
850	31	1506	293·6	296	289	285·0	24	1510	291·7	294	289	287·9	30	1507	..	..	..	..
800	31	2029	289·2	293	286	282·9	24	2030	289·0	292	287	284·6	30	2026	288·0	291	285	285·2
700	31	3150	281·9	285	278	276·2	24	3157	283·3	286	281	278·5	30	3147	282·1	288	277	276·5
600	31	4415	275·6	280	271	266·3	23	4422	275·3	279	271	272·0	30	4410	275·6	279	271	265·5
500	30	5869	267·8	271	264	..	23	5872	267·4	272	264	..	30	5863	268·1	272	264	..
400	29	7589	257·9	261	255	..	20	7583	257·3	261	255	..	30	7583	258·0	262	254	..
300	28	9708	244·0	247	241	..	16	9694	243·2	247	237	..	29	9698	244·0	252	239	..
250	28	10993	234·4	238	231	..	13	10955	233·3	241	228	..	29	10975	234·7	245	226	..
200	23	12484	223·0	226	216	..	12	12458	222·2	229	216	..	28	12477	223·5	235	210	..
175	17	13345	217·3	223	213	..	5	13342	216·8	221	214	..	18	13366	219·0	229	213	..
150	17	14316	209·3	217	205	..	5	14318	210·2	216	207	..	10	14356	213·3	223	205	..
125																		
100																		
80																		

	TRIVANDRUM (1003 mb.)						VERAVAL (1009 mb.)						VISAKHAPATNAM (1004 mb.)					
Surface	31	64	299·1	301	297	296·8	30	8	301·0	302	298	295·6	31	48	300·8	302	297	297·3
1000	31	92	..	..	..	..	29	86	..	..	..	..	31	87	..	..	..	..
900	31	1014	293·1	295	291	290·2	29	1017	296·6	299	293	282·8	31	1013	294·2	297	292	290·1
850	31	1506	290·5	293	287	287·7	29	1512	293·2	296	290	280·0	31	1507	291·9	293	289	287·1
800	31	2025	287·8	291	283	284·9	29	2034	288·8	292	285	277·5	31	2027	288·7	292	285	283·1
700	30	3146	282·6	287	277	278·7	27	3153	281·2	286	277	269·0	31	3150	283·1	287	280	277·0
600	30	4412	275·2	279	271	271·5	26	4416	275·2	280	269	263·0	31	4421	276·7	279	273	269·3
500	27	5864	267·4	272	263	..	26	5870	267·9	272	263	..	30	5877	267·8	271	265	..
400	26	7581	257·7	261	252	..	24	7583	256·6	260	251	..	28	7598	257·6	262	251	..
300	23	9690	243·6	249	239	..	17	9687	243·4	252	239	..	22	9716	243·8	248	235	..
250	18	10958	233·6	238	230	..	9	10958	232·4	236	227	..	17	10993	233·9	242	225	..
200	15	12444	222·7	227	215	..	5	12438	221·6	225	217	..	11	12492	223·2	228	217	..
175	10	13314	215·7	221	211	..	..	..	..	..	..	..	8	13344	216·9	223	213	..
150	8	14295	208·6	215	205	..	..	..	..	..	..	..	7	14315	211·7	220	207	..
125																		
100																		
80																		

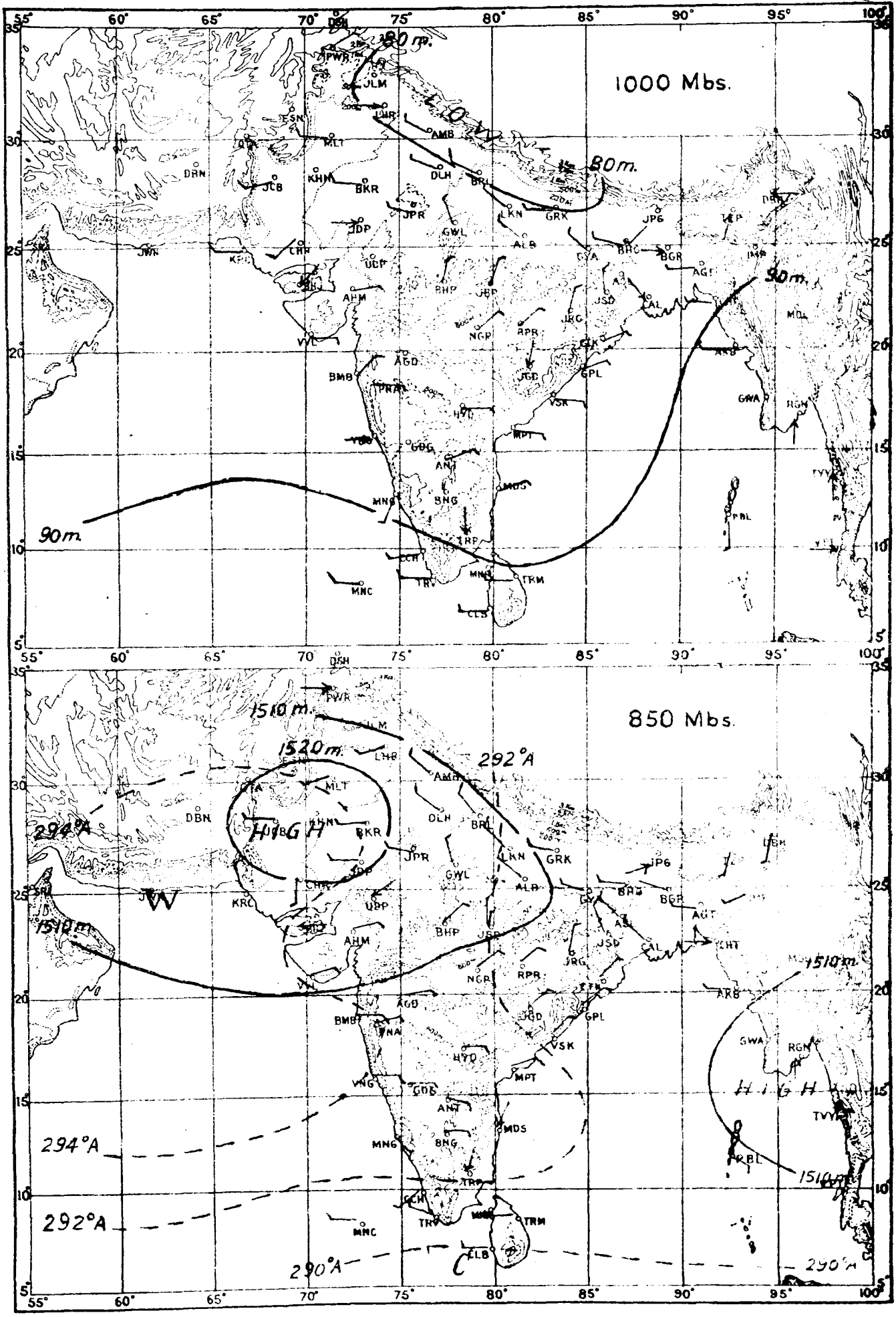
NOTE.—Number of observations refer to those of dynamic height.
Means are not worked out for temperature and dew point for the 1000 mb. surface and for dew point for standard pressure surfaces with temperature less than 273°A.
Means are not worked out for less than five observations at standard pressure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

GIPN—S1—1DDG Obs. Poona—8-9-55—260.

MONTHLY MEAN CONSTANT-PRESSURE CHARTS.

OCTOBER 1953.

Plate I



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

------ Isotherms in degrees absolute.

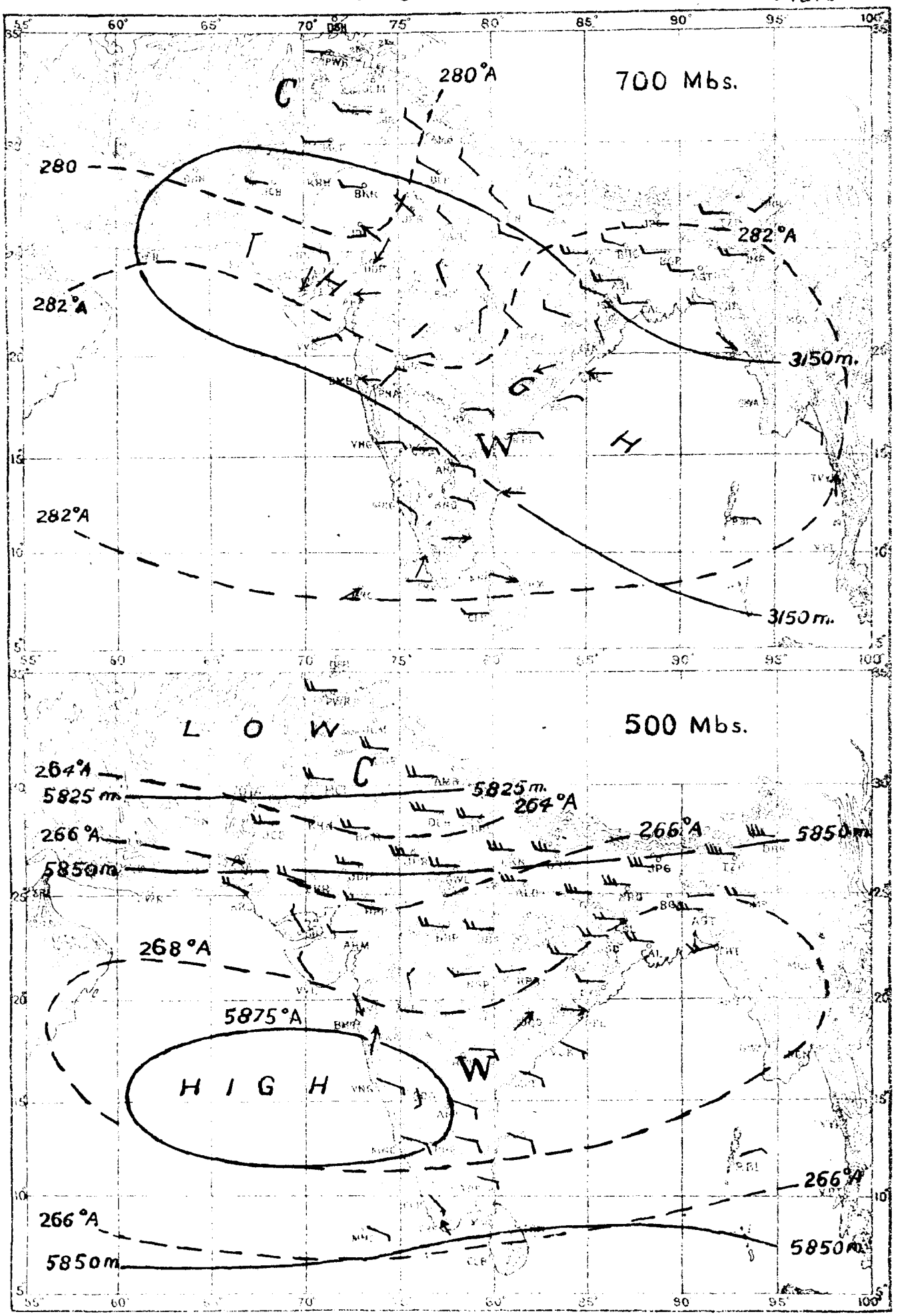
——— Contours in geopotential metres.

G.P.Z. P.POONA, 53.

MONTHLY MEAN CONSTANT PRESSURE CHARTS.

OCTOBER 1953

Plate II



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

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

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INDIA WEATHER REVIEW, 1953

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JUN 21 1956
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Monthly Weather Report

November

Published by authority of the Government of India

Chief feature :—(i) The formation and movement of two depressions in the Bay of Bengal and (ii) weak northeast monsoon conditions over the south Peninsula.

There was a well-marked low, extending from the southeast Bay of Bengal to the north Andaman Sea, on the 1st. The low concentrated into a shallow depression by the morning of the 3rd, with its centre near Lat. 11°N., Long. 91½°E. Moving in a northwesterly direction, it intensified and became a deep depression by the 8th morning when it was centred near Lat. 15°N., Long. 84½°E. Later following a track almost due north and weakening at the same time, it lay as a low pressure area off the Circars-Orissa coast on the 10th evening and became unimportant by the next morning. In association with this depression, local or fairly widespread rain occurred in Gangetic West Bengal and Orissa between the 8th and 11th, with locally heavy to very heavy falls in coastal Orissa on the 9th and 10th; Puri and Gopalpur recorded 12·1" and 6·2" of rain respectively during the 48 hours ending at 0830 hrs. IST. of 10th. Local rain also occurred in coastal Andhradesa on the 10th, in Gangetic West Bengal on the 12th and in Chota Nagpur on the 11th and 12th.

With the passage of a low pressure wave from the east, the northeast monsoon became more active by about the middle of the month. Local or fairly widespread rain occurred in Travancore-Cochin between the 12th and 21st, in Tamilnad between the 14th and 18th and in Malabar-south Kanara between the 12th and 15th. After a period of comparative inactivity in the next ten days, a revival of the northeast monsoon rains took place in the south Bay of Bengal, where a depression formed with centre near Lat. 10°N., Long. 92½°E. on the 22nd evening. The depression moved initially in a west northwesterly direction and later almost directly westwards and became deep by the 24th evening, when it was centred near Lat. 11°N., Long. 85½°E. Continuing to move westwards and gradually weakening, it lay as a depression, with centre about 60 miles south of Nagapattinam on the 26th morning. By the evening of that day it weakened further into a low pressure area, which subsequently moved away westwards. Under the influence of this depression, fairly widespread rain with a few heavy falls occurred in Tamilnad between the 26th and 28th. South Tamilnad continued to get fairly widespread rain during the rest of the month. Local or fairly widespread showers were reported from Travancore-Cochin between the 28th and 30th.

Of the seven western disturbances which moved across the extreme north of the country during the month, the second caused local thunder showers in the Punjab hills and scattered showers in Kashmir on the 7th and 8th, while the sixth one was responsible for local showers in Kashmir on the 25th. The remaining five did not cause any precipitation in the country.

Night temperatures were appreciably to markedly below normal in south Deccan (Desh) and southwest Hyderabad between the 8th and 11th and in Gangetic West Bengal, Chota Nagpur, Bihar, southeast Rajasthan, Gujarat, south Saurashtra and central parts of the country on the 19th.

Total rainfall of the month was in large excess in West Bengal, Orissa and Chota Nagpur. It was normal in the Bay Islands and Travancore-Cochin, in moderate defect in Tamilnad and in large defect in Assam, Bihar, east Madhya Pradesh, the Konkan, coastal Andhradesa, Malabar-south Kanara and Mysore. Elsewhere there was no rain. Averaged over the plains of India, the rainfall was 47% in defect.

The mean maximum temperature was above normal in the Punjab (I), Vindhya Pradesh and Gujarat and normal elsewhere over the country.

The mean minimum temperature was normal throughout the country except Vindhya Pradesh where it was below normal.

The mean relative humidity in the morning was above normal in the Bay Islands; below normal in west Uttar Pradesh, Madhya Bharat, Vindhya Pradesh and west Madhya Pradesh and normal elsewhere.

The mean cloud amount in the morning was above normal in the Bay Islands, Orissa and Travancore-Cochin; normal in West Bengal, Chota Nagpur, Bihar, the Punjab (I), east Madhya Pradesh, coastal Andhradesa, Tamilnad, Malabar-south Kanara 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 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 :
Dated the 28th September 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								
Assam (including Manipur & Tripura).	0·26	25	82·0	60·4	80	75	1·9	1·9
	−0·78	..	+1·6	−1·1	−4	..	−0·9	..
West Bengal .	1·45	196	83·7	63·4	72	65	1·8	1·6
	+0·71	..	+0·3	+0·5	0	..	+0·1	..
Orissa . .	4·07	206	84·2	64·4	73	65	2·9	2·5
	+2·09	..	0	−0·5	0	..	+0·5	..
Bihar . . .	0·72	171	82·7	57·7	69	63	1·3	1·2
	+0·30	..	+0·5	−0·4	−2	..	−0·1	..
Uttar Pradesh .	0	0	83·7	53·1	60	44	0·3	0·4
	−0·22	..	+1·0	−0·5	−6	..	−0·4	..
Punjab (I) (Including PEPSU & Delhi).	0	0	84·9	50·6	61	45	0·8	1·0
	−0·10	..	+2·0	−0·2	+3	..	0	..
Rajasthan . .	0	0	87·4	54·2	46	26	0·4	0·6
	−0·16	..	+1·3	−0·1	−4	..	−0·5	..
Sub-Division								
Bay Islands .	10·31	98	85·1	75·0	83	90	5·8	5·7
	−0·21	..	+1·2	+1·5	+7	..	+1·2	..
Assam (including Manipur & Tripura).	0·26	25	82·0	60·4	80	75	1·9	1·9
	−0·78	..	+1·6	−1·1	−4	..	−0·9	..
West Bengal .	1·45	196	83·7	63·4	72	65	1·8	1·6
	+0·71	..	+0·3	+0·5	0	..	+0·1	..
Orissa. . .	4·07	206	84·2	64·4	73	65	2·9	2·5
	+2·09	..	0	−0·5	0	..	+0·5	..
Chota Nagpur .	2·21	409	80·9	57·8	69	61	1·9	2·1
	+1·67	..	−1·0	+0·2	0	..	+0·1	..
Bihar . . .	0·13	34	83·6	57·6	69	64	0·9	0·9
	−0·25	..	+1·4	−0·7	−3	..	−0·2	..
Uttar Pradesh, East.	0	0	83·7	54·1	64	49	0·2	0·2
	−0·25	..	+0·4	−0·5	−4	..	−0·6	..
Uttar Pradesh, West.	0	0	83·7	51·9	56	38	0·5	0·7
	−0·19	..	+1·6	−0·5	−8	..	−0·3	..
Punjab (I) (including PEPSU and Delhi).	0	0	84·9	50·6	61	45	0·8	1·0
	−0·10	..	+2·0	−0·2	+3	..	0	..
Jammu & Kashmir.	(Data incomplete)							
Rajasthan, West .	0	0	88·4	54·9	44	27	0·6	0·8
	−0·04	..	+1·1	+0·9	−3	..	−0·3	..
Rajasthan, East (including Ajmer).	0	0	86·6	53·7	47	25	0·2	0·4
	−0·28	..	+1·5	−1·0	−5	..	−0·6	..
Madhya Bharat .	0	0	85·6	52·2	44	25	0·3	0·4
	−0·59	..	+1·5	−1·1	9	..	−0·8	..
Vindhya Pradesh .	0	0	84·6	49·6	57	40	0·5	0·6
	−0·47	..	+2·6	−3·5	−8	..	−1·0	..
Division—*contd.*								
8. Madhya Bharat & Vindhya Pradesh.	0	0	85·3	51·2	49	31	0·3	0·5
	−0·55	..	+1·9	−2·0	−9	..	−0·8	..
9. Madhya Pradesh .	0·03	4	84·8	56·3	54	39	1·1	1·2
	−0·65	..	+1·3	−1·5	−8	..	−0·7	..
10. Bombay (including Saurashtra & Kutch).	0·01	1	89·7	62·3	59	39	0·9	1·2
	−0·83	..	+1·4	−0·8	−2	..	−0·9	..
11. Hyderabad . .	0	0	86·1	61·8	62	38	1·7	2·3
	−1·05	..	+0·8	−1·2	−1	..	−0·8	..
12. Madras (including Travancore-Cochin).	3·34	54	86·5	71·1	76	64	4·0	4·3
	−2·84	..	+0·7	−0·2	−2	..	−0·1	..
13. Mysore . .	0·09	3	81·0	62·0	74	50	3·5	3·9
	−2·64	..	+0·1	−0·7	−3	..	−0·8	..
Mean of India .	0·74	53	85·7	59·3	62	46	1·5	1·6
	−0·66	..	+1·1	−0·7	−3	..	−0·5	..
Sub-Division—*contd.*								
15. Madhya Pradesh, East.	0·07	10	83·0	57·2	66	50	2·0	2·1
	−0·62	..	+0·7	−1·0	−5	..	−0·2	..
16. Madhya Pradesh, West.	0	0	86·1	55·8	47	32	0·5	0·6
	−0·67	..	+1·7	−1·8	−10	..	−1·0	..
17. Gujarat . .	0	0	93·5	59·5	55	38	0·3	0·4
	−0·48	..	+2·4	−0·9	−5	..	−0·9	..
18. Saurashtra and Kutch.	0	0	90·2	62·2	58	39	0·5	0·3
	−0·15	..	+0·3	+0·4	+3	..	−0·6	..
19. Konkan . .	0·03	3	90·0	69·9	64	63	1·0	1·7
	−1·11	..	+1·0	−0·4	−3	..	−1·2	..
20. Deccan (Desh) .	0	0	87·4	59·9	59	33	1·4	2·0
	−1·23	..	+1·7	−1·1	−4	..	−1·0	..
21. Hyderabad, North.	0	0	86·2	60·5	57	36	1·4	1·9
	−0·97	..	+1·5	−1·2	−4	..	−0·9	..
22. Hyderabad, South	0	0	86·0	62·8	66	40	1·9	2·7
	−1·13	..	+0·3	−1·2	+1	..	−0·7	..
23. Coastal Andhradesa	0·65	16	86·0	69·5	76	64	3·1	3·2
	−3·38	..	+1·0	−0·9	+1	..	−0·7	..
24. Rayalaseema .	0	0	88·0	67·0	70	47	2·5	3·5
	−2·27	..	+0·5	−0·3	−2	..	−0·9	..
25. Tamilnad . .	6·02	65	85·8	72·1	78	65	5·0	5·0
	−3·31	..	+0·3	+0·2	−3	..	+0·3	..
26. Malabar and South Kanara.	0·65	16	89·2	73·7	77	73	3·7	4·0
	−3·51	..	+1·7	0	−1	..	−0·1	..
27. Mysore . .	0·09	3	81·0	62·0	74	50	3·5	3·9
	−2·64	..	+0·1	−0·7	−3	..	−0·8	..
28. Travancore-Cochin	7·43	109	86·7	74·7	81	74	5·4	6·0
	+0·59	..	+0·7	+0·3	−1	..	+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																												
Table Island	83·5	...	87	10,11	77·5	...	73	12,23,24	3·43	7·35	...	2·30	6	13	...	11·2	10·3	...	14	0	0	0	0	0	0	0	0	0
Maya Bandar	85·2	...	95	4	78·3	...	72	22,30	3·15	11·37	...	3·45	23	14	...	8·3	6·1	...	18	0	0	1	0	0	0	0	0	0
Long Island	86·0	...	90	14	75·4	...	73	6 days	6·50	18·43	...	4·69	20	14	...	2·9	2·2	...	15	0	0	3	0	0	0	0	0	0
Port Blair	85·1	+1·2	89	13,14	75·0	+1·5	72	24	5·00	10·31	−0·21	2·56	24	10	−3·6	8·4	6·8	−1·6	18	0	0	0	1	0	0	0	0	0
Kondul	84·0	...	87	29	75·5	...	73	23,25	2·97	5·44	...	0·89	20	13	...	4·0	2·7	...	14	0	0	0	0	0	0	0	0	0
Car Nicobar	86·1	...	88	5 days	73·7	...	69	30	7·26	15·99	...	3·35	19	16	...	2·8	1·6	...	18	0	0	0	0	0	0	0	0	0
Noncowry	87·8	...	92	5 days	76·2	...	73	22	2·97	6·31	...	0·97	20	12	...	3·5	2·7	...	16	0	0	1	0	0	0	0	0	0
Assam																												
Mawsynram	...	...	...	...	...	...	...	...	...	0·20	...	0·20	15	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dibrugarh	80·6	+1·0	85	5,7	59·5	−0·5	54	30	0	0·19	−1·13	0·19	17	1	−1·5	1·1	0·9	+0·3	1	0	0	0	0	0	0	0	0	0
Dibrugarh (Mohanbari Aerodrome).	80·8	...	85	4 days	55·5	...	49	30	0·03	0·16	...	0·13	17	1	...	2·3	1·1	...	2	0	0	1	10	0	0	0	0	0
Sibsagar	81·6	+3·5	86	12	59·9	+0·1	52	30	0	0·02	−1·20	0·02	15	0	−2·3	2·3	1·6	+0·5	1	0	0	0	9	0	0	0	0	0
Tezpur	83·5	+2·6	89	6	60·2	−1·4	51	23	0	0	−0·90	0	...	0	−1·8	0·9	0·9	+0·6	0	0	0	0	0	0	0	0	0	0
Tezpur (P.B.O.)	81·8	...	87	14	59·1	...	53	18,19,23	0	0	...	0	...	0	...	2·7	1·3	...	0	0	0	0	1	0	0	0	0	0
Gauhati	82·2	+0·9	86	14,15	58·4	−3·0	53	6 days	0	0	−0·55	0	...	0	−1·2	3·3	1·6	+0·5	0	0	0	0	10	0	0	0	0	0
Gauhati (Kajkuchi Aerodrome).	82·3	...	86	13,14	59·1	...	52	18,19,20	0	0	...	0	...	0	...	...	...	...	0	0	0	0	16	0	0	0	0	0
Dhubri	80·5	+1·1	85	1,2	63·4	−0·6	57	17	0	0	−0·40	0	...	0	−0·7	2·6	2·2	−1·8	0	0	0	0	0	0	0	0	0	0
Silchar	84·7	−0·2	89	13,14	63·8	+0·3	58	18,28,29	0·92	1·60	−0·15	0·79	8	2	−0·1	0·7	0·2	−0·8	3	0	0	0	0	0	0	0	0	0
Tura	82·1	...	87	7	62·2	...	56	17	0	0	...	0	...	0	...	2·3	2·6	...	0	0	0	0	2	0	0	0	0	0
Lumding	81·2	+2·1	85	4 days	57·4	−2·3	49	17	0	0·01	−1·14	0·01	8	0	−1·9	1·3	0·6	...	1	0	0	0	0	0	0	0	0	0
Agartala	84·4	...	90	1,7	60·7	...	51	17	0·83	0·88	...	0·54	10	3	...	...	...	...	3	0	0	1	5	0	0	0	0	0
Imphal	77·0	...	81	7,13,14	50·0	...	40	28	0·09	0·22	...	0·16	8	1	...	2·9	2·3	...	4	0	0	0	6	0	0	0	0	0
West Bengal																												
Dum Dum	84·0	...	88	4,6	64·6	...	56	18,19	0·03	0·25	...	0·19	11	1	...	...	4·1	...	2	0	0	0	0	0	0	0	0	0
Calcutta	84·4	+0·2	89	1	65·4	+1·7	56	19	0·20	0·50	−0·31	0·25	11	3	+1·9	3·1	1·8	−0·1	4	0	0	0	0	0	0	0	0	0
Barrackpore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	0	0	0	0	0	0	0	0	0
Saugor Island	82·3	0	86	1	68·3	+0·9	61	19,27	1·85	4·36	+3·08	1·84	8	6	+4·7	8·1	6·7	+1·2	6	0	0	0	0	0	0	0	0	0
Sandheads	...	...	...	...	...	...	...	...	0·19	2·03	−0·72	0·92	8	5	+2·5	...	...	...	5	0	0	0	0	0	0	0	0	0
Midnapore	89·2	−1·2	88	1	62·7	−0·6	53	19	0	1·11	+0·24	0·67	12	2	+0·9	3·6	2·2	+0·9	4	0	0	0	0	0	0	0	0	0
Contai	84·4	...	88	1	65·2	...	57	19,20	0·99	4·17	...	2·25	11	4	...	2·6	1·6	...	5	0	0	0	0	0	0	0	0	0
Bankura	...	...	...	...	...	...	...	...	...	3·51	+2·86	2·25	11	4	+2·9	...	...	...	...	...	...	...	...	...	...	...	...	...
Burdwan	82·9	−1·0	88	1,4,15	63·8	−0·1	56	19	1·70	3·30	+2·44	3·00	11	2	+1·0	3·0	2·1	+0·9	2	0	0	0	0	0	0	0	0	0
Krishnagar	86·2	+1·9	92	1	62·5	+0·2	54	18,22,23	0·41	1·14	+0·16	0·72	11	3	+1·8	1·3	0·6	−0·6	6	0	0	0	0	0	0	0	0	0
Asansol	83·4	−0·5	88	2	61·8	+1·8	53	19	0·56	1·30	+0·73	0·85	11	4	+3·0	3·8	2·5	−0·6	4	0	0	0	0	0	0	0	0	0
Berhampore	84·6	+1·8	89	3	64·1	+0·4	55	18	0·22	0·58	−0·07	0·22	12	3	+2·3	1·3	0·6	−0·4	4	0	0	0	0	0	0	0	0	0
Malda	82·5	+0·2	86	5 days	62·5	+1·4	53	18	0·12	0·12	−0·33	0·12	12	1	+0·3	4·0	2·7	+0·3	1	0	0	0	0	0	0	0	0	0
Cooch-Behar	83·1	...	86	5 days	58·1	...	52	22	0	0	−0·45	0	...	0	−0·8	2·4	1·2	...	0	0	0	0	0	0	0	0	0	0
Jalpaiguri	83·4	+1·4	86	6 days	59·3	−1·5	53	21	0	0	−0·49	0	...	0	−0·8	3·4	2·6	+1·6	0	0	0	0	1	0	0	0	0	0
Bagdogra	85·6	...	90	23	55·3	...	48	20	0	0	...	0	...	0	...	2·1	1·0	...	0	0	0	0	0	0	0	0	0	0
Orissa																												
Balasore	83·5	−0·8	89	1	64·5	+1·3	57	20	0·81	0·97	−0·53	0·78	12	1	−0·5	4·0	2·3	+0·7	4	0	0	0	0	0	0	0	0	0
Chandbali	84·1	0	90	1,13	63·8	−1·7	56	20	1·42	1·96	+0·31	0·82	10	4	+2·5	5·0	3·7	+0·5	4	0	0	0	0	0	0	0	0	0
Puri	84·4	−0·2	91	1	69·3	+0·1	63	20	3·69	14·05	+10·86	6·93	9	4	+1·6	7·6	6·2	+0·5	4	0	0	1	1	0	0	0	0	0
Bhubaneswar	84·2	...	90	1	63·7	...	55	20	1·82	4·60	...	2·52	9	4	...	6·4	5·4	...	4	0	0	2	2	0	0	0	0	0
Cuttack	85·2	+0·2	91	1	65·7	−0·1	58	20	1·32	3·60	+1·98	1·85	9	4	+2·4	3·5	2·9	+1·7	4	0	0	0	2	0	0	0	0	0
Cuttack (P. B. O.)	...	...	...	...	...	...	...	...	1·29	3·54	...	1·82	9	4	...	3·1	1·7	...	4	0	0	0	2	0	0	0	0	0
Gopalpur	84·6	+0·5	91	2	66·3	−1·0	59	20	1·84	7·03	+3·10	3·64	9	3	+0·2	7·4	6·0	−0·2	4	0	0	2	1	0	0	0	0	0
Koraput	76·5	...	81	13,14,26	56·0	...	47	20,21	0·06	0·77	...	0·28	9	3	...	...	...	...	4	0	0	0	11	0	0	0	0	0
Angul	83·3	−0·5	89	1,14	63·0	+0·7	53	20	0·32	0·46	−0·65	0·32	11	2	+0·6	3·4	3·0	0	3	0	0	0	2	0	0	0	0	0
Sambalpur	84·5	+0·5	89	1,14,15	58·6	−2·7	51	20	0·15	0·39	−0·42	0·21	10	2	+1·0	3·5	2·0	−0·1	3	0	0	0	0	0	0	0	0	0
Jharsuguda	84·0	...	90	1	58·9	...	51	19	0·25	1·13	...	0·87	12	2	...	5·7	4·2	...	4	0	0	0	0	0	0	0	0	0
Titilagarh	84·0	...	90	1,14	60·9	...	52	20,21	0·21	0·31	...	0·15	11	2	...	2·2	1·4	...	3	0	0	0	0	0	0	0	0	0
Chota Nagpur																												
Purulia	82·0	...	88	1,2	62·0	...	55	19	0·23	2·21	...	1·46	11	4	...	3·0	1·8	...	5	0	0	0	0	0	0	0	0	0
Jamshedpur	82·8	−2·2	89	1	61·4	+2·4	54	18,19	0·44	3·68	+3·31	2·72	11	3	+2·3	3·6	2·0	+0·4	4	0	0	2	1	0	0	0	0	0
Jamshedpur (P.B.O.)	81·3	...	86	6	60·5	...	53	18	0·97	4·95	+2·40	3·98	11	3	...	4·1	2·7	...	5	0	0	2	0	0	0	0	0	0
Chaibasa	82·0	−0·9	89	1	59·7	0	52	19,25	0·77	3·10	...	1·76	11	3	+1·0	1·6	0·8	−0·4	4	0	0	1	0	0	0	0	0	0
Ranchi	76·9	−0·6	85	1	56·7	−0·5	49	19,20	1·25	2·86	+1·45	1·15	14	3	+2·0	...	...	..	4	0	0	0	0	0	0	0	0	0

ion 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
a																												
pur—*contd.*																												
zaribagh . .	78·3	+0·7	82	6,7	55·1	−2·1	47	18	0·12	0·31	−0·25	0·19	11	2	+1·1	3·9	4·0	−0·3	2	0	0	0	0	0	0	0	0	0
zaribagh (C.W.) .	78·6	...	82	6,7	54·3	...	47	19	0·10	0·26	...	0·16	11	1	...	1·2	0·4	...	3	0	0	0	1	0	0	0	0	0
ltonganj . .	82·1	−0·3	87	1	53·3	−1·1	45	19,20	0	0	−0·56	0	...	0	−0·8	2·8	1·7	+0·2	0	0	0	0	0	0	0	0	0	0
r																												
rnea . . .	83·1	+0·7	87	7 days	55·7	−2·9	46	18	0	0	−0·34	0	...	0	−0·5	2·5	1·2	+0·2	0	0	0	0	0	0	0	0	0	0
rbesganj	85·2	...	89	7, 8	55·8	..	...	...	0	0	...	0	...	0	...	2·8	1·7	..	0	0	0	0	0	0	0	0	0	0
rbhanga . .	80·9	−2·0	85	8,12	59·6	+0·1	53	17,18,19	0	0	−0·27	0	...	0	−0·4	0·7	0·2	−0·7	0	0	0	0	0	0	0	0	0	0
otihari . .	85·7	+3·5	92	10,13	55·5	−0·5	49	19,24	0	0	−0·24	0	...	0	−0·3	0·9	1·0	−0·6	0	0	0	0	13	0	0	0	0	0
uzaffarpur . .	...	...	...	...	...	...	...	...	...	0	−0·20	0	...	0	−0·5	...	...	...	...	...	...	...	...	...	...	...	...	...
apra . . .	...	...	...	...	...	...	...	...	...	0	−0·36	0	...	0	−0·5	...	...	...	...	...	...	...	...	...	...	...	...	...
rah . . .	...	...	...	...	...	..	...	...	...	0	−0·37	0	...	0	−0·6	...	...	...	...	...	...	...	...	...	...	...	...	...
tna . . .	84·9	+2·8	89	4 days	61·1	+0·1	53	17,18	0	0	−0·34	0	...	0	−0·5	3·0	2·2	+0·7	0	0	0	0	0	0	0	0	0	0
tna (Aerodrome) .	83·3	...	87	4,6,13	57·1	...	49	18	0	0	...	0	...	0	...	3·5	1·5	...	0	0	0	0	2	0	0	0	0	0
hri . . .	84·0	...	89	6	58·6	...	53	20	0	0	−0·46	0	...	0	−0·7	2·9	2·0	...	0	0	0	0	0	0	0	0	0	0
iya . . .	83·3	+2·0	88	6	55·2	−1·8	47	19	0	0·02	−0·47	0·02	12	0	−0·7	4·3	3·1	+0·2	1	0	0	0	0	0	0	0	0	0
mui . . .	83·7	...	88	6	59·1	...	51	18	0·01	0·01	...	0·01	10	0	...	3·4	0·7	...	1	0	0	0	0	0	0	0	0	0
mka . .	83·9	+1·5	90	1	58·8	−0·8	50	19	0·61	1·25	+0·71	0·55	12	3	+2·2	...	...	...	4	0	0	0	2	0	0	0	0	0
bour . . .	83·7	+1·5	88	7,24	57·5	+0·6	49	17,18,19	0	0	−0·38	0	...	0	−0·7	4·3	2·1	−0·4	0	0	0	0	1	0	0	0	0	0
agalpur . .	84·7	...	90	7	62·3	...	55	18,19	0	0	...	0	...	0	...	3·5	2·1	...	0	0	0	0	1	0	0	0	0	0
, East																												
nda . . .	84·2	+0·5	90	6	53·7	−1·2	48	15,16,19	0	0	−0·20	0	...	0	−0·5	2·1	1·2	−0·5	0	0	0	0	0	0	0	0	0	0
rakhpur . .	83·6	+1·5	89	8	57·6	+0·3	44	17	0	0	−0·19	0	...	0	−0·3	2·4	1·3	+0·5	0	0	0	0	0	0	0	0	0	0
amgarh . .	85·4	...	92	8	55·3	...	49	19	0	0	...	0	...	0	...	2·3	1·1	...	0	0	0	0	0	0	0	0	0	0
naras . .	83·8	+0·8	91	6	54·3	−1·6	48	19,20	0	0	−0·37	0	...	0	−0·6	1·5	2·4	+0·8	0	0	0	0	0	0	0	0	0	0
naras (Babatpur erodrome).	83·9	...	90	6	53·7	...	48	19,20	0	0	...	0	...	0	...	4·5	3·1	...	0	0	0	0	0	0	0	0	0	0
lahabad (Bamrauli)	84·3	+0·9	91	7	54·4	+0·1	49	19,20	0	0	−0·31	0	...	0	−0·5	3·0	1·6	−0·1	0	0	0	0	0	0	0	0	0	0
tehpur . .	79·1	−5·8	90	4	53·2	−1·5	47	19	0	0	−0·09	0	...	0	−0·4	2·5	1·3	−0·2	0	0	0	0	0	0	0	0	0	0
nda . . .	86·8	...	96	6	54·5	...	49	20	0	0	...	0	...	0	...	1·0	0·4	...	0	0	0	0	0	0	0	0	0	0
ai . . .	85·4	...	94	6,7	55·9	...	50	20,21	0	0	...	0	...	0	...	4·7	2·8	...	0	0	0	0	0	0	0	0	0	0
npu . . .	84·4	+1·6	93	5	53·6	−0·3	49	19,20	0	0	−0·35	0	...	0	−0·4	2·9	1·5	−1·0	0	0	0	0	0	0	0	0	0	0
cknow . .	85·5	+1·6	93	6	55·2	+1·1	47	16	0	0	−0·22	0	...	0	−0·4	1·2	0·7 (b)	−0·2	0	0	0	0	0	0	0	0	0	0
cknow (Amausi erodrome)	83·6	+1·0	91	6	50·4	−0·3	45	19	0	0	−0·22	0	...	0	−0·4	4·2	2·3	...	0	0	0	0	0	0	0	0	0	0
rdoi . .	84·7	...	92	6	52·5	...	47	19	0	0	...	0	...	0	...	3·9	1·8	...	0	0	0	0	0	0	0	0	0	0
khimpur Kheri .	84·0	...	90	9	53·6	...	47	15,18	0	0	...	0	...	0	...	2·0	1·1	...	0	0	0	0	0	0	0	0	0	0
hraich . .	84·7	+1·7	90	8	54·7	−1·4	48	15,16	0	0	−0·28	0	...	0	−0·5	2·7	1·7	+0·5	0	0	0	0	0	0	0	0	0	0
, West																												
nsi . . .	86·8	+1·4	95	7	55·7	+0·8	48	19	0	0	−0·29	0	...	0	−0·5	3·7	2·8	+1·1	0	0	0	0	0	0	0	0	0	0
ra . . .	85·8	+1·4	94	5	50·1	−1·8	45	4 days	0	0	−0·14	0	...	0	−0·3	1·1	0·7	−1·4	0	0	0	0	0	0	0	0	0	0
inpuri . .	87·2	+2·6	95	4,5	52·3	−0·9	46	18	0	0	−0·15	0	...	0	−0·3	2·9	1·3	+0·4	0	0	0	0	0	0	0	0	0	0
igarh . .	85·1	+1·4	95	5	53·0	−1·1	46	19	0	0	−0·03	0	...	0	−0·1	...	...	...	0	0	0	0	0	0	0	0	0	0
reilly . .	83·6	+2·0	91	6	53·5	0	48	18	0	0	−0·18	0	...	0	−0·3	1·6	0·6	−0·2	0	0	0	0	0	0	0	0	0	0
erut . . .	83·0	+1·4	91	4,6	51·5	+0·6	45	19	0	0	−0·13	0	...	0	−0·3	...	...	...	0	0	0	0	0	0	0	0	0	0
jibabad . .	82·0	...	89	6	49·1	...	43	17,18	0	0	...	0	...	0	...	3·3	2·1	...	0	0	0	0	0	0	0	0	0	0
orkee . .	80·7	+1·1	88	5	48·8	−0·9	42	18	0	0	−0·23	0	...	0	−0·5	3·0	1·8	+0·8	0	0	0	0	0	0	0	0	0	0
hra Dun . .	77·0	+1·6	83	6	50·7	−0·4	47	16	0	0	−0·35	0	...	0	−0·7	2·4	2·2	+0·4	0	0	0	0	0	0	0	0	0	0
ab (I)																												
w Delhi . . .	81·0	+0·1	92	4,5	53·0	+0·4	46	19	0	0	−0·10	0	...	0	−0·3	5·6	3·8	−0·6	0	0	0	0	0	0	0	0	0	0
sar . . .	85·3	+1·0	95	4	49·5	−0·3	42	19	0	0	−0·06	0	...	0	−0·2	3·0	2·8	+0·1	0	0	0	0	0	0	0	0	0	0
rnal . .	82·6	...	94	4	50·0	...	42	18	0	0	...	0	...	0	...	4·0	2·8	...	0	0	0	0	0	0	0	0	0	0
bala . .	84·7	+2·6	94	5	49·9	0	42	18	0	0	−0·19	0	...	0	−0·4	4·7	3·4	+1·6	0	0	0	0	0	0	0	0	0	0
tiala . .	84·0	...	91	5	50·1	...	41	18	0	0	−0·01	0	...	0	0	4·6	4·1	...	0	0	0	0	0	0	0	0	0	0
dhiana . .	85·6	+4·2	91	5 days	50·0	−1·0	44	18	0	0	−0·13	0	...	0	−0·4	2·3	1·1	+0·3	0	0	0	0	0	0	0	0	0	0
rozepur . .	82·4	...	90	4	48·7	...	41	18	0	0·02	...	0·02	7	0	...	1·7	0·9	...	1	0	0	2	0	0	0	0	0	0
ritsar . .	80·6	...	87	2	46·1	...	38	18	0	0·17	...	0·17	7	1	...	3·2	4·4	...	1	0	0	1	0	0	0	0	0	0
hankot . .	80·1	...	89	5	50·8	...	46	14	0·04	0·13	...	0·07	7	0	...	2·1	1·8	...	2	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 wit								
	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
Jammu and Kashmir																											
Srinagar	58·1	−4·4	66	1,2	33·8	+2·9	27	18	0·31	0·42	−0·02	0·20	25	2	+0·9	1·1	1·3	−0·5	4	0	0	0	0	0	0	0	0
Gulmarg	Closed during winter months.																										
Sonamarg	...	...	...	...	...	...	...	...	0	0	−1·55	0	...	0	−2·9	...	...	...	...	...	...	...	...	...	...	...	...
Dras (R)																											
Kargil (R)																											
Leh	46·4	−0·4	56	2	20·9	+0·5	14	17,18,19	0	0·23	+0·19	0·23	25	1	+0·8	4·7	4·0	+2·1	1	0	0	0	0	0	0	0	0
Skardu (R)																											
Gurez	...	...	...	...	...	...	...	...	...	0·09	−0·94	0·04	6	0	−2·9	...	...	...	...	...	...	...	...	...	...	...	...
Gilgit (R)																											
Misgar (R)																											
Jammu (R)																											
Rajasthan, West																											
Sri Ganganagar	86·5	+2·0	96	2	51·7	+3·9	46	27	0	0	−0·01	0	...	0	0	3·1	2·3	−1·2	0	0	0	0	0	0	0	0	0
Bikaner	87·6	−0·1	95	4	48·9	−2·4	42	4 days	0	0	−0·05	0	...	0	−0·1	3·1	1·8	−0·7	0	0	0	0	0	0	0	0	0
Jaisalmer	88·8	...	95	4 days	54·6	...	45	29	0	0	...	0	...	0	...	4·7	3·4	...	0	0	0	0	0	0	0	0	0
Jodhpur	90·4	+2·8	97	7	57·3	+1·6	46	17	0	0	−0·11	0	...	0	−0·2	3·8	3·4	−1·1	0	0	0	0	0	0	0	0	0
Phalodi	86·6	...	94	2,4	56·2	...	49	16	0	0	−0·02	0	...	0	−0·1	6·1	3·9	...	0	0	0	0	0	0	0	0	0
Barmer	89·1	−0·3	97	1,3,5	61·5	+0·6	53	30	0	0	−0·03	0	...	0	−0·2	3·8	3·4	−0·2	0	0	0	0	0	0	0	0	0
Rajasthan, East																											
Sikar	85·3	...	91	4 days	47·9	...	37	17	0	0	...	0	...	0	...	5·2	3·3	...	0	0	0	0	0	0	0	0	0
Jaipur	86·2	+0·8	95	7	54·0	+0·3	47	28	0	0	−0·14	0	...	0	−0·3	3·9	2·6	−0·2	0	0	0	0	0	0	0	0	0
Jaipur (Sanganer Aerodrome).	84·9	...	92	3	52·6	...	47	18	0	0	...	0	...	0	...	0	...	...	0	0	0	0	0	0	0	0	0
Ajmer	84·7	+1·1	90	4,8,9	51·8	−0·9	44	19	0	0	−0·19	0	...	0	−0·4	3·1	1·4	+0·2	0	0	0	0	0	0	0	0	0
Kotah	89·4	+2·7	96	5,6,7	59·3	+0·2	53	20,21	0	0	−0·23	0	...	0	−0·6	1·3	0·8	−0·2	0	0	0	0	0	0	0	0	0
Jhalawar	87·6	+2·9	94	5 days	53·2	−0·6	45	18	0	0	−0·73	0	...	0	−1·1	2·7	1·2	0	0	0	0	0	0	0	0	0	0
Udaipur	85·2	−0·2	91	4,5	50·4	−3·8	44	18	0	0	−0·11	0	...	0	−0·3	2·0	1·0	...	0	0	0	0	0	0	0	0	0
Madhya Bharat																											
Gwalior (P. B. O.)	85·9	+0·7	94	6	48·3	−2·8	43	18,20,30	0	0	−0·14	0	...	0	−0·4	3·8	1·8	...	0	0	0	0	0	0	0	0	0
Sheopur Kalan	87·7	...	95	5	51·2	...	44	19	0	0	...	0	...	0	...	2·4	1·5	...	0	0	0	0	0	0	0	0	0
Guna	86·1	+2·3	93	5	49·7	−1·4	43	19,20,21	0	0	−0·87	0	...	0	−0·8	3·7	1·5	+0·2	0	0	0	0	0	0	0	0	0
Neemuch	86·4	+1·9	92	5,6	55·6	+0·5	49	18,19,20	0	0	−0·31	0	...	0	−0·4	3·2	3·2	−0·1	0	0	0	0	0	0	0	0	0
Ratlam	87·0	...	93	5,6	57·2	...	51	30	0	0	...	0	...	0	...	6·0	3·7	...	0	0	0	0	0	0	0	0	0
Indore	85·1	+0·8	91	1	52·4	−1·2	46	18,21	0	0	−0·61	0	...	0	−0·9	7·2	5·4	...	0	0	0	0	0	0	0	0	0
Bhopal (Bairagarh)	84·7	+1·6	91	5,6	54·1	−0·8	47	19	0	0	−1·01	0	...	0	−1·2	5·6	4·0	+0·3	0	0	0	0	0	0	0	0	0
Vindhya Pradesh																											
Nowgong	85·3	+2·5	93	6,7	49·4	−3·4	44	18,19	0	0	−0·43	0	...	0	−0·7	3·0	1·3	+0·5	0	0	0	0	0	0	0	0	0
Sutna	85·7	+3·8	93	6	51·1	−3·1	45	19	0	0	−0·35	0	...	0	−0·7	3·2	1·6	−0·1	0	0	0	0	0	0	0	0	0
Umaria	82·9	+1·4	90	5	48·2	−4·0	41	19	0	0	−0·64	0	...	0	−0·7	8·0	1·7	+0·2	0	0	0	0	0	0	0	0	0
Madhya Pradesh, East																											
Gondia	85·1	...	89	6 days	58·0	...	51	19	0	0	...	0	...	0	...	8·6	1·6	...	0	0	0	0	0	0	0	0	0
Pendra	79·5	+1·9	85	6	55·5	+0·2	48	19	0	0	−0·72	0	...	0	−1·3	4·1	2·1	+0·1	0	0	0	0	0	0	0	0	0
Raigarh	85·3	...	90	1,4,5	61·3	...	53	19	0	0	...	0	...	0	...	3·7	2·9	...	0	0	0	0	0	0	0	0	0
Ambikapur	78·4	...	83	6	50·3	...	43	19,20	0·08	0·13	...	0·08	12	0	...	6·3	3·9	...	2	0	0	0	0	0	0	0	0
Champa	85·8	...	90	14	60·6	...	53	19	0	0	...	0	...	0	...	3·6	8·8	...	0	0	0	0	0	0	0	0	0
Raipur	83·8	+0·1	89	1,4	59·9	−0·7	54	19,20	0	0·02	−0·51	0·02	14	0	−1·1	5·2	2·6	+0·6	1	0	0	0	0	0	0	0	0
Kanker	82·4	−0·6	86	2,3,5	56·1	−0·9	47	20	0	0	−0·38	0	...	0	−0·8	2·3	1·5	−0·4	0	0	0	0	0	0	0	0	0
Chanda	85·7	+0·4	91	1	56·8	−2·2	49	20	0	0	−0·66	0	...	0	−1·3	2·2	1·5	+0·1	0	0	0	0	0	0	0	0	0
Sironcha	86·0	...	90	2,16	62·5	...	55	20,21	0	0	...	0	...	0	...	3·6	2·0	...	0	0	0	0	0	0	0	0	0
Jagdalpur (P. B. O.)	83·8	+1·9	89	14,15,16	57·8	−1·2	48	21	0	0·32	−0·82	0·23	11	1	−0·9	3·4	1·6	...	2	0	0	0	0	0	0	0	0
Madhya Pradesh, West																											
Buldhana	84·8	...	89	1	62·7	...	58	21,25	0	0	...	0	...	0	...	4·9	3·5	...	0	0	0	0	0	0	0	0	0
Akola	89·3	+1·3	95	2	56·5	−1·9	51	21,29	0	0	−0·73	0	...	0	−1·0	4·2	2·9	+0·3	0	0	0	0	0	0	0	0	0
Amravati	80·0	+1·4	92	4 days	62·3	−0·3	57	20	0	0	−0·66	0	...	0	−1·0	5·8	4·8	+1·5	0	0	0	0	0	0	0	0	0
Yeotmal	85·6	...	90	1,5,6	60·9	...	56	24,29	0	0	...	0	...	0	...	6·6	4·7	...	0	0	0	0	0	0	0	0	0
Khandwa	...	...	...	...	52·7	−3·8	47	19,20	0	0	−0·76	0	...	0	−1·0	3·7	1·8	−0·5	0	0	0	0	0	0	0	0	0
Hoshangabad	86·3	+1·7	94	1,5	55·9	−2·5	49	19	0	0	−0·67	0	...	0	−0·9	2·4	1·5	−0·1	0	0	0	0	0	0	0	0	0
Sagar	83·1	+1·0	89	4 days	59·1	+0·7	53	28	0	0	−0·63	0	...	0	−0·9	7·2	6·8	−0·1	0	0	0	0	0	0	0	0	0
Jabalpur	85·4	+3·2	93	6	50·4	−1·9	44	19	0	0	−0·43	0	...	0	−0·9	3·2	2·0	+0·8	0	0	0	0	0	0	0	0	0
Mandla	83·4	...	88	6,7	47·2	...	39	30	0	0	...	0	...	0	...	3·3	1·3	...	0	0	0	0	0	0	0	0	0

(R) Register not received.

on 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
ya Pradesh, —contd.																												
ji . . .	83·3	+1·9	89	6	54·4	−0·9	47	20	0	0	−0·68	0	...	0	−1·0	4·9	2·7	+0·5	0	0	0	0	0	0	0	0	0	0
indwara . .	83·1	...	88	3	52·3	...	46	19,20	0	0	...	0	...	0	...	4·3	2·3	...	0	0	0	0	0	0	0	0	0	0
l . . .	83·4	...	88	6	50·2	...	46	28	0	0	...	0	...	0	...	4·7	2·7	...	0	0	0	0	0	0	0	0	0	0
pur . . .	87·1	+1·6	92	1,6	55·1	−4·0	49	19,20	0	0	−0·77	0	...	0	−1·1	4·0	2·4	...	0	0	0	0	0	0	0	0	0	0
at ia . . .	92·4	...	98	1	55·2	...	48	18	0	0	...	0	...	0	...	...	...	...	0	0	0	0	0	0	0	0	0	0
it . . .	97·6	+5·7	101	6,7	65·0	+0·1	58	19	0	0	−0·32	0	...	0	−0·5	4·4	3·7	+0·9	0	0	0	0	0	0	0	0	0	0
medabad . .	92·2	+0·2	99	1	57·5	−3·5	51	18	0	0	−0·14	0	...	0	−0·4	5·0	3·0	+0·6	0	0	0	0	0	0	0	0	0	0
ad . . .	91·1	+2·0	97	1	59·6	+1·3	54	20	0	0	−0·65	0	...	0	−0·9	4·8	4·6	+2·0	0	0	0	0	0	0	0	0	0	0
da . .	93·2	+1·7	98	1	55·8	−1·5	48	19	0	0	−0·80	0	...	0	−1·5	2·2	1·5	−0·2	0	0	0	0	0	0	0	0	0	0
da (Aerodrome)	91·7	...	97	1	59·2	...	51	19	0	0	...	0	...	0	...	5·4	3·8	...	0	0	0	0	0	0	0	0	0	0
ich . . .	95·6	...	101	8	60·4	...	53	19	0	0	...	0	...	0	...	4·2	3·2	...	0	0	0	0	2	0	0	0	0	0
shtra and Kutch																												
j . . .	90·7	+0·9	99	1	60·5	−1·5	53	27,28	0	0	−0·08	0	...	0	−0·2	4·0	2·5	−0·9	0	0	0	0	0	0	0	0	0	0
j (P. B. O.) .	...	...	...	...	...	...	...	...	0	0	...	0	...	0	...	3·4	1·8	...	0	0	0	0	0	0	0	0	0	0
arka . .	87·4	+0·3	95	1	69·0	+0·3	63	22,29	0	0	−0·08	0	...	0	−0·1	10·1	8·0 (c)	+0·7	0	0	0	0	0	0	0	0	0	0
bander . .	92·8	...	98	10,23	66·3	...	60	19	0	0	...	0	...	0	...	7·4	5·7	...	0	0	0	0	0	0	0	0	0	0
nagar . .	89·3	−1·5	96	1	59·7	+0·5	51	18	0	0	−0·06	0	...	0	−0·2	...	...	...	0	0	0	0	1	0	0	0	0	0
kot . . .	91·3	+0·2	98	1	60·3	−0·3	52	17	0	0	−0·23	0	...	0	−0·3	2·4	1·5	−2·1	0	0	0	0	4	0	0	0	0	0
kot (Aerodrome)	91·7	...	99	1	59·8	...	50	18	...	0	...	0	...	0	...	...	6·4	...	0	0	0	0	2	0	0	0	0	0
aval . .	91·8	...	97	9,10	63·0	...	56	19,20	0	0	−0·17	0	...	0	−0·2	10·4	8·3	+3.9	0	0	0	0	0	0	0	0	0	0
auva . .	93·0	...	97	7	64·6	...	56	19	0	0	...	0	...	0	...	9·4	5·9	...	0	0	0	0	0	0	0	0	0	0
vnagar . .	92·1	+1·4	98	1	61·4	−1·2	55	4 days	0	0	−0·26	0	...	0	−0·3	5·1	3·6	+0·6	0	0	0	0	0	0	0	0	0	0
vnagar (Aero-ome)	90·5	...	95	1,4	62·6	...	57	18,19,21	...	0	...	0	...	0	...	...	6·9	...	0	0	0	0	0	0	0	0	0	0
am anu . .	88·9	...	96	15	66·4	...	61	19	0	0	...	0	...	0	...	9·4	6·8	...	0	0	0	0	0	0	0	0	0	0
bay (Colaba) .	90·7	+1·3	94	5 days	72·3	−0·2	69	19,22	0	0	−0·53	0	...	0	−0·8	4·4	3·9	−2·4	0	0	0	0	0	0	0	0	0	0
bay (Santa Cruz rodrome)	91·8	+1·7	95	15	65·4	−0·2	61	4 days	0	0	−0·53	0	...	0	−0·8	7·4	4·7	...	0	0	0	0	0	0	0	0	0	0
ag . . .	89·7	+1·3	95	28	68·1	−1·6	63	30	...	0	−1·55	0	...	0	−1·4	...	4·9	+0·4	0	0	0	0	0	0	0	0	0	0
nai . . .	88·0	...	93	10,29	76·0	...	73	4 days	0	0	...	0	...	0	...	9·4	7·8	...	0	0	0	0	0	0	0	0	0	0
nagiri . .	90·8	...	94	4 days	70·1	...	65	23,24	0	0	...	0	...	0	...	...	...	...	0	0	0	0	0	0	0	0	0	0
gad . . .	89·8	...	94	29	72·5	...	68	24	0	0	...	0	...	0	...	8·7	7·5	...	0	0	0	0	0	0	0	0	0	0
gurla . .	91·6	...	95	28,29	78·5	...	61	11,22	0	0	...	0	...	0	...	...	...	...	0	0	0	0	0	0	0	0	0	0
magao . .	87·9	−0·3	92	28	73·8	+0·5	70	23,25	0	0·14	−1·06	0·14	2	1	−1·4	6·8	6·0	+1·0	1	0	0	0	0	0	0	0	0	0
war . .	90·0	...	95	28	69·5	...	64	22,23	0	0	...	0	...	0	...	...	...	...	0	0	0	0	1	0	0	0	0	0
avar . .	...	...	...	...	71·0	...	65	6,23	0	0	−1·88	0	...	0	−2·8	3·3	2·6	...	0	0	0	0	0	0	0	0	0	0
a (Desh)																												
adala . .	...	...	...	...	...	...	...	...	0	0	−0·76	0	...	0	−1·7	...	...	...	...	...	...	...	...	...	...	...	...	...
son . .	91·7	...	96	4 days	55·2	...	48	30	0	0	−0·78	0	...	0	−0·9	6·9	4·8	...	0	0	0	0	0	0	0	0	0	0
gaon . .	89·9	+2·2	95	1,2	55·8	−1·9	51	5 days	0	0	−0·87	0	...	0	−1·2	3·4	1·9	−1·3	0	0	0	0	0	0	0	0	0	0
lali . . .	87·7	...	91	4 days	54·7	...	47	30	...	0	...	0	...	0	...	...	2·2	...	0	0	0	0	1	0	0	0	0	0
ednagar . .	88·3	+3·2	92	7	57·2	−1·0	49	29	0	0	−1·14	0	...	0	−1·4	4·9	3·1	−1·0	0	0	0	0	0	0	0	0	0	0
a . . .	90·2	+3.7	94	16,17	57·7	−0·8	51	22,29	0	0	−1·08	0	...	0	−1·6	2·8	1·2	−2·5	0	0	0	0	1	0	0	0	0	0
a (Lohagaon rodrome)	89·1	...	92	5 days	59·8	...	53	30	0	0	...	0	...	0	...	...	...	...	0	0	0	0	1	0	0	0	0	0
. . .	88·1	...	92	1	56·9	...	49	22	0	0	...	0	...	0	...	4·0	1·7	...	0	0	0	0	0	0	0	0	0	0
lapur . .	87·8	+0·3	90	9 days	61·0	−1·8	54	11	0	0	−1·33	0	...	0	−1·7	6·3	5·0	−1·1	0	0	0	0	0	0	0	0	0	0
j . . .	86·8	+1·6	90	15,16,18	60·9	−1·7	53	10	0	0	−1·82	0	...	0	−2·5	7·1	5·0	0	0	0	0	0	2	0	0	0	0	0
apur . .	86·8	...	90	19	61·5	...	55	22	0	0	...	0	...	0	...	7·8	4·7	...	0	0	0	0	4	0	0	0	0	0
ur . .	86·0	+0·3	90	19	61·3	−1·4	54	22,23	0	0	−1·27	0	...	0	−1·8	4·1	2·0	−0·4	0	0	0	0	0	0	0	0	0	0
aum . .	82·9	+0·2	85	5 days	60·1	−1·4	53	25	0	0	−1·55	0	...	0	−2·4	3·2	3·4	+0·2	0	0	0	0	0	0	0	0	0	0
aum (Sambre odrome)	83·0	...	85	6 days	61·2	...	55	22	0	0	...	0	...	0	...	11·1	7·4	...	0	0	0	0	0	0	0	0	0	0
ag . . .	87·1	+2·2	91	19	65·6	+0·8	59	22,23,25	0	0	−1·78	0	...	0	−3·0	5·1	3·6	−0·7	0	0	0	0	0	0	0	0	0	0
abad, North																												
ngabad . .	89·1	+3·0	93	1,2,7	59·2	−1·1	53	30	0	0	−0·95	0	...	0	−1·3	5·4	4·8	+0·2	0	0	0	0	0	0	0	0	0	0
ngabad (Chikal-a Aerodrome)	87·1	...	92	1,2	51·9	...	45	24	0	0	...	0	...	0	...	6·6	3·6	...	0	0	0	0	0	0	0	0	0	0
hani . .	88·2	...	93	1	55·6	...	49	21	0	0	−1·36	0	...	0	−1·8	4·8	2·5	...	0	0	0	0	0	0	0	0	0	0
gundam . .	87·5	...	94	2	62·9	...	36	21,22	0	0	...	0	...	0	...	4·7	2·3	...	0	0	0	0	0	0	0	0	0	0
mabad . .	86·4	+0·8	90	4 days	59·3	−1·1	53	4 days	0	0	−0·69	0	...	0	−1·1	3·7	2·7	+0·5	0	0	0	0	0	0	0	0	0	0
. . .	83·1	+0.6	87	4 days	63·1	−1·5	57	22	0	0	−0·86	0	...	0	−1·7	7·0	4·7	−0·8	0	0	0	0	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
Hyderabad, South																												
Gulbarga	87·4	+0·1	90	4 days	61·9	−1·3	53	21	0	0	−1·10	0	...	0	−1·7	8·6	6·1	+0·2	0	0	0	0	2	0	0	0	0	0
Raichur	86·7	+0·1	90	1,3	66·9	−0·7	60	22,23	0	0	−1·16	0	...	0	−1·8	7·1	5·7	+0·3	0	0	0	0	0	0	0	0	0	0
Mahbubnagar	84·7	...	87	4 days	63·7	...	57	21	0	0	...	0	...	0	...	8·2	6·2	...	0	0	0	0	0	0	0	0	0	0
Hyderabad (Begumpet Aerodrome).	83·9	+0·1	87	15,17,19	58·3	−2·7	51	21,25	0	0	−1·14	0	...	0	−2·1	7·1	5·1	+0·3	0	0	0	0	0	0	0	0	0	0
Hakimpet	83·3	...	86	4 days	62·1	...	56	21,25	0	0	...	0	...	0	...	...	...	...	0	0	0	0	1	0	0	0	0	0
Hanamkonda	85·9	+0·6	90	16	64·0	−0·1	57	21,22	0	0	−1·10	0	...	0	−1·7	6·1	3·7	+0·8	0	0	0	1	0	0	0	0	0	0
Bhadrachallam	85·5	...	89	4 days	64·3	...	54	21	0	0	...	0	...	0	...	4·9	2·7	...	0	0	0	0	9	0	0	0	0	0
Khammameth	87·3	...	91	15,16	65·3	...	56	21	0	0	...	0	...	0	...	3·4	1·7	...	0	0	0	0	0	0	0	0	0	0
Coastal Andhradesa																												
Nellore	87·1	+1·8	90	5 days	71·8	−0·1	66	22	0·59	2·00	−9·70	0·92	26	3	−5·8	6·0	3·8	+0·8	3	0	0	0	1	0	0	0	0	0
Ongole	88·2	...	91	4 days	70·4	...	64	22	0·03	0·03	...	0·03	13	0	...	4·6	3·0	...	1	0	0	0	0	0	0	0	0	0
Gannavaram	88·5	...	91	2,17	68·7	...	62	21,22	0·11	0·11	...	0·11	13	1	...	8·3	6·0	...	1	0	0	0	0	0	0	0	0	0
Masulipatam	85·7	+0·9	89	2	71·5	+0·3	65	22	0	0	−5·78	0	...	0	−4·7	7·5	5·1	+0·9	0	0	0	0	0	0	0	0	0	0
Kakinada	84·9	+1·8	89	2,3,8	70·4	−1·2	63	21	0·43	0·85	−4·74	0·44	10	2	−2·5	7·2	5·9	−1·1	3	0	0	0	0	0	0	0	0	0
Visakhapatnam	86·8	+0·3	91	1,2	69·9	−1·0	61	21	0·15	0·25	−4·42	0·15	10	2	−1·9	6·1	4·8	+1·0	2	0	0	0	0	0	0	0	0	0
Calingapatam	83·0	−0·5	91	2	68·0	−1·3	61	20	0 48	0·80	−2·59	0·30	8,9	3	+0·3	10·1	7·4	+1·4	3	0	0	0	0	0	0	0	0	0
Rentachintala	88·7	+1·6	93	19	65·4	−2·3	57	21	0	0	−1·90	0	...	0	−3·6	3·5	2·2	−1·1	0	0	0	0	0	0	0	0	0	0
Rayalaseema																												
Arogyavaram	79·4	...	83	12,18	62·3	...	58	22	0·48	1·95	...	1·33	27	2	...	6·0	3·4	...	3	0	0	0	0	0	0	0	0	0
Cuddapah	89·2	+1·5	92	3	70·0	+0·1	64	7,22	0	0	−3·53	0	...	0	−5·2	4·7	3·8	+0·4	0	0	0	0	0	0	0	0	0	0
Bellary	86·7	−0·3	90	18,19	66·5	+0·3	61	22,23	0	0	−1·97	0	...	0	−3·1	4·4	2·2	−0·2	0	0	0	0	0	0	0	0	0	0
Kurnool	88·1	+0·2	91	4 days	64·5	−1·4	56	23	0	0	−1·19	0	...	0	−2·1	3·0	2·6	+0·2	0	0	0	0	0	0	0	0	0	0
Anantapur	85·8	...	89	19	65·7	...	58	22	0	0	−2·37	0	...	0	−3·7	5·3	4·3	...	0	0	0	0	0	0	0	0	0	0
Tamilnad																												
Palayamcottai	89·1	...	97	1	75 0	...	70	23	3·84	10·70	+3·27	3·68	27	10	+0·5	5·5	4·1	...	12	0	0	3	0	0	0	0	0	0
Pamban	84·7	−0·4	88	5 days	77·2	+1·0	73	14,18	3·52	11·93	+0·21	3·96	18	11	−2·0	8·4	8·2	−0·7	11	0	0	1	0	0	0	0	1	0
Mathurai	87·4	+0·7	92	4 days	71·9	−1·1	66	23	1.39	5·66	−0·07	1·73	2	11	+3·0	4·1	2·9	−1·2	11	0	0	1	0	0	0	0	0	0
Nagapattinam	84·8	+0·5	91	9	75·0	+0·6	71	22,24	4·60	14·19	−3·35	2·77	28	13	0	10·9	9·9	+3·8	14	0	0	2	0	0	0	0	0	0
Tiruchirapalli	86·3	−0·2	91	10	72·1	+0·2	65	22	2·56	3·61	−2·23	0·98	18	9	+0·5	6·3	4·6	+0·8	11	0	0	1	0	0	0	0	0	0
Coimbatore	85·0	−0·4	91	11	69·7	+0·7	64	23	0·30	1·63	−2·40	0·80	15	4	−2·8	5·5	3·6	+1·4	5	0	0	0	0	0	0	0	0	0
Coimbatore (Peelamedu Aerodrome).	86·0	...	90	9	68·3	...	62	23	0·24	1·04	...	0·57	15	3	...	7·9	5·5	...	5	0	0	2	2	0	0	0	0	0
Salem	87·1	+0·1	90	11	69·0	−0·2	63	7,8	0·57	1·26	−2·55	0·31	16	4	−2·2	3·9	3·9	+1·3	6	0	0	1	0	0	0	0	0	0
Kallakurichi	85·9	...	92	10	71·5	...	67	4 days	0·50	1·17	...	0·35	28	6	...	...	...	...	11	0	0	0	0	0	0	0	0	0
Cuddalore	85·5	+1·1	90	10	73·0	+0·3	67	22	0·85	4·38	−11·14	1·40	26	7	−4·6	7·3	5·3	+1·5	7	0	0	1	0	0	0	0	0	0
Vellore	85·9	+1·6	90	10	68·2	−0·9	62	22	0·69	1·62	−6·06	0·79	27	3	−5·5	4·5	3·3	+1·3	3	0	0	0	0	0	0	0	0	0
Madras	85·3	−0·1	90	10	72·7	+0·8	67	22	2 29	5·18	−8·78	3·10	26	6	−5·1	10·1	7·11	−2·2	9	0	0	2	0	0	0	0	0	0
Madras (Nungambakkam).	85·2	...	89	10	72·8	...	67	22	...	4·92	...	2·43	26	4	...	...	3·7	...	6	0	0	0	0	0	0	0	0	0
Malabar & South Kanara																												
Mangalore	89·3	+1·5	94	5 days	73·8	+0·2	67	23	0	0·06	−2·79	0·06	16	0	−4·4	5·1	5·0	+1·0	1	0	0	1	1	0	0	0	0	0
Kozhikode	89·1	+1·8	92	30	73·7	−0·2	68	23	0·47	1·24	−4·22	0·74	15	2	−4·2	6·4	5·5	+1·7	4	0	0	3	0	0	0	0	0	0
Palghat	89·6	...	93	4,13,14	72·5	...	63	23	0·38	1·29	...	0·42	15	4	...	6·5	5·2	...	6	0	0	1	0	0	0	0	0	0
Mysore																												
Chitaldrug	82·8	−0·4	86	19	63·9	−1·0	58	22	0	0	−2·37	0	...	0	−3·4	5·3	3·1	−0·6	0	0	0	0	0	0	0	0	0	0
Shimoga	84·4	...	92	18	60·4	...	51	23	0·07	0·07	...	0·07	1	0	...	5·0	2·3	...	1	0	0	0	5	0	0	0	0	0
Hasan	80·7	−0·1	83	4 days	60·8	−0·6	53	23	0	0·02	−3·01	0·02	1	0	−4·6	5·5	3·8	+1·0	1	0	0	0	0	0	0	0	0	0
Bangalore (Central Observatory).	80·0	+0·7	82	7 days	60·8	−0·9	54	22	0·09	0·20	−2·47	0·08	26	0	−4·5	6·4	4·9	+0·5	5	0	0	0	7	0	0	0	0	0
Bangalore (Aerodrome).	83·0	...	89	14	61·6	...	56	23	0·23	0·29	...	0·18	28	1	...	...	...	...	3	0	0	0	0	0	0	0	0	0
Mysore	81·4	−0·9	84	10	63·6	−0·8	57	23	0·03	0·25	−2·49	0·09	27	0	−4·2	7·5	5·9	+0·9	5	0	0	0	1	0	0	0	0	0
Balehonnur	80·3	+1·4	84	14	61·1	−0·4	53	23	...	0	−2·84	0	...	0	−4·7	...	...	...	...	...	...	...	...	...	...	...	...	...
Travancore-Cochin																												
Fort Cochin	86·7	+1·0	91	28	75·4	+0·1	71	23	0·10	7·02	+0.33	2·12	20	5	−3·4	6·4	4·4	+1·1	8	0	0	7	0	0	0	0	0	0
Cochin (Willingdon Island Aerodrome)	87·7	...	93	28	74·1	...	68	23	0·03	4·54	...	1·15	18	6	...	4·0	2·1	...	9	0	0	10	0	0	0	0	0	0
Alleppey	84·0	...	92	28	75·6	...	71	23	0·36	5·83	...	1·40	15	9	...	7·9 (b)	5·5	...	13	0	0	13	0	0	0	0	0	0
Trivandrum	86·6	+0·4	89	23,24	74·0	+0·5	70	23	4·33	7·84	+0·86	2·40	15	10	+0·5	5·0	3·5	+0·9	13	0	0	11	1	0	0	0	0	0

(b) Mean of 29 days.

sion 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
tations exclud-Kashmir																												
ıima . .	66·7	...	71	8,24	55·1	...	49	18	0·41	0·55	...	0·43	9	2	...	2·3	2·4	...	3	0	0	1	8	0	0	0	0	0
ıl* . . .																												
long . .	66·9	+0·9	72	8,24	46·5	+0·3	40	17,18	0·18	0·26	−1·35	0·15	10	1	−1·7	2·4	1·4	+0·2	3	0	0	0	0	0	0	0	0	0
:rrapunji . .	68·0	+0·5	73	8,13	54·0	0	45	18	0·48	0·60	−2·10	0·45	9	1	−0·8	5·3	4·3	+1·6	5	0	0	0	4	1	0	0	0	0
jiling (Raj hawan).	62·8	+4·8	69	8	45·2	+0·3	39	17,18	0·02	0·19	−0·62	0·19	18	1	−0·2	1·4	1·1	+0·2	1	0	0	0	4	0	0	0	0	0
impong . .	70·2	+3·4	73	5 days	55·6	+2·2	46	28	0	0	−0·71	0	...	0	−1·4	7·7	3·5	−3·0	0	0	0	0	1	0	0	0	0	0
mandu . .	72·2	−0·6	76	6 days	41·8	−3·9	35	24	0	0	−0·06	0	...	0	−0·2	1·1	0·5	−0·4	0	0	0	0	14	0	0	0	0	0
:teswar (Kumaon)	62·1	+3·3	71	1	44·3	+1·4	39	16,18,20	0	0	−0·42	0	...	0	−0·7	7·0	6·8	+2·2	0	0	0	0	0	0	0	0	0	0
ıital . .	60·2	...	70	1	42·0	...	37	16	0	0	...	0	...	0	...	5·8	4·6	...	0	0	0	0	0	0	0	0	0	0
pal . .	37·7	...	40	20	19·7	...	16	29,30	...	0	...	0	...	0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
unachetty .	...	...	...	...	...	..		...	...	0	...	0	...	0	...	...	...	...	...	...	..	...	...	...	...	..	...	...
sooree . .	62·1	+2·6	65	1,2	46·5	+1·4	41	16,20	0	0	−0·17	0	...	0	−0·9	5·1	3·4	−1·1	0	0	0	0	0	0	0	0	0	0
rsali . .	...	...		...	...	...		...	...	0	...	0	...	0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
a . . .	...	...		...	...	...		...	...	0	...	0	...	0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
la . . .	59·8	+1·5	66	29,30	46·2	+2·0	38	17	0	0	−0·52	0	...	0	−1·1	2·5	1·9	−0·8	0	0	0	0	0	0	0	0	0	0
rampore . .	...	...	...	...	...	...	...	...	...	0	−0·32	0	...	0	−0·8	...	...	...	...	...	...	...	...	...	...	..	...	...
lang . (R)																												
dla . .	...	...	...	...	...	...	...	...	...	0·50	...	0·25	7	3	...	...	...	...	...	...	...	...	...	...	...	...	...	..
hi . . .	...	...		...	...	...	...	...	...	1·54	...	1·20	7	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...
sar . . (R)																												
ıousie . .	64·7	...	70	1,27,30	46·8	...	38	7	0·19	0·59	−0·17	0·40	7	2	+1·1	1·9	2·3	...	2	0	0	0	0	0	0	0	0	0
ramshala . .	70·7	...	76	5	53·1	...	48	16,20	0·08	0·15	...	0·14	8	1	...	2·7	1·7	...	2	0	0	1	0	0	0	0	0	0
ımarhi . .	77·2	+2·7	82	5 days	46·8	−3·9	40	19	0	0	−0·74	0	0	0	−1·2	3·2	2·0	+0·1	0	0	0	0	0	0	0	0	0	0
. . .	76·6	+2·9	83	30	56·4	−1·4	51	4 days	0	0	−0·22	0	...	0	−0·4	1·1	0·9	−2·0	0	0	0	0	0	0	0	0	0	0
ıabaleshwar .	77·0	+3·0	80	6,20	58·2	−0·6	53	23	0	0	−1·56	0	...	0	−2·4	2·7	3·0	−4·5	0	0	0	0	0	0	0	0	0	0
di Hills . .	70·9	...	76	4	57·3	...	50	25	...	0·22	...	0·22	15	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
cara . .	75·0	−0·1	77	20	60·5	+0·1	55	9	0·09	0·09	−2·91	0·09	13	0	−5·3	7·6	7·0	+2·9	1	0	0	0	0	0	0	0	0	0
aikanal . .	61·0	+0·1	67	5,6	48·2	−1·2	43	23	1·52	3·70	−6·49	0·92	15	11	−1·8	9·3	10·1	+2·6	14	0	0	0	13	0	0	0	0	0
ıcamund .	66·0	+2·3	70	5,6,14	46·9	−1·2	39	4	0·41	1·64	−4·69	1·01	26	3	−7·5	3·7	3·4	+0·7	5	0	0	0	1	0	13	0	0	0
noor . .	67·2	+0·2	71	2,11,18	49·8	−3·5	42	13,14	...	3·53	−7·70	0·88	15	8	−4·7	...	3·4	+0·3	10	0	0	0	0	0	0	0	0	0
n ngu . .	...	...	...	...	...	...	...	...	...	0·54	...	0·34	4	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...
ngthang . .	...	...	...	...	...	...	...	...	...	1·33	...	0·70	4	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...
ıen . .	42·5	...	48	23	27·7	...	20	11,12	...	1·60	...	0·50	4	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
ıng (Chumbi) .	55·1	+2·9	61	8	7·3	−20·4	3	16,19	...	0	−0·44	0	...	0	−0·9	...	...	...	0	0	0	0	0	0	0	0	0	0
sa . .	56·7	...	65	8,9	22·7	...	13	20	...	0	...	0	...	0	...	...	1·4	...	0	0	0	0	0	0	0	0	0	0
ntse .	54·0 (b)	+3·4	64	4,12	15·4	−1·8	5	20	...	0	−0·65	0	...	0	−0·2	...	0·7	−2·4	0	0	0	0	0	0	0	0	0	0
n ombo . .	85·7 (b)	−0·3	...	...	72·2 (b)	−1·5	...	...	1·48	15·04	+2·19	3·31	18	10	−3·6	...	...	...	11	0	0	6	0	0	0	0	0	0
ıcomalee . .	83·7 (c)	−1·4	90	8	74·9	+0·3	71	7,8,22	1·26	8·47	−5·19	2·39	15	10	−3·9	...	...	...	15	0	0	0	0	0	0	0	0	0
icoloa . .	85·7 (c)	...	...	...	73·0	...	68	22	2·00	9·21	...	2·03	15	11	...	...	...	...	13	0	0	1	0	0	0	0	0	0
abantota . .	85·5	+0·1	88	2,8	73·5	−0·4	70	21	1·76	9·25	+2·24	3·85	29	8	−2·0	...	...	...	10	0	0	5	0	0	0	0	0	0
ınar . (R)																												
IOMETEORO-ICAL OBSER-ORIES dar Catchment																												
aro . . .	81·6	...	87	6	55·0	...	46	18,19	0·07	1·01	...	0·92	11	1	...	3·4	2·3	...	3	0	0	0	1	0	0	0	0	0
aribagh . .	76·5	...	80	4,6,7	54·2	...	46	19	0·64	0·70	...	0·54	13	1	...	4·6	2·3	...	4	0	0	0	0	0	0	0	0	0
ıi . . .	80·0	...	84	6,7	56·8	...	48	19	0·02	0·02	...	0·02	11	0	...	3·7	2·1	...	1	...	...	...	...	...	...	...	...	...
ıgarh . .	83·0	...	87	6 days	53·1	...	45	18,19,20	0·13	0·87	...	0·68	11	2	...	2·3	1·1	...	3	...	...	...	...	...	...	...	...	..
nbad . .	82·4	...	87	4,5,6	61·3	...	52	19	0·03	0·41	...	0·20	9	2	...	4·5	3·6	...	3	0	0	0	0	0	0	0	0	(
nsol . .	...	...	..	...	...	...	...	...	...	1·30	...	0·85	11	4	...	...	...	...	4	...	...	...	...	...	...	...	...	...
nwar . .	...	...	...	...	...	...	...	...	...	0·02	...	0·02	8	0	...	...	...	...	1	...	..	...	...	...	...	...	...	...
nri . . .	..	...	...	...	...	...	...	...	...	0·36	...	0·36	10	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...
ungarh . .	...	...	...	...	...	...	...	...	...	0·78	...	0·50	10	2	...	...	...	...	4	...	...	...	...	...	...	...	...	...
ranj (Giridih) .	...	...	...	...	...	...	...	...	...	0·25	...	0·12	10	1	...	...	...	...	4	...	...	...	...	...	...	...	...	..
ndwa . .	...	...	..	...	...	...	...	...	...	0·07	...	0·07	11	0	...	...	...	...	1	...	...	...	...	...	...	...	...	..
unki (Chas Road)	...	...	...	...	...	...	...	...	...	0·35	...	0·20	14	2	...	...	...	...	3	...	...	...	...	...	...	...	...	..

(R) Register not received. (b) Mean of 29 days. (c) Mean of 28 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 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.*																												
Mahanadi Catchment																												
Baramul	85·1	...	91	1	60·3	...	50	20	0 30	1·42	...	0·87	11	4	...	1·8	1·3	...	4	...	...	...	...	...	...	...	...	..
Hirakud	86·5	...	91	15	61·0	...	53	19	0·01	0·03	...	0·02	10	0	...	0·8	0·4	...	2	...	...	...	...	...	...	...	...	..
Barkachhar	83·9	...	89	1	56·4	...	49	20,21	0	0	...	0	...	0	...	2·8	1·4	...	0	0	0	0	7	0	0	0	0	0
Sonepur	84·3	...	90	1	62·5	...	52	30	...	0·10	...	0·07	10	0	...	...	1·6	...	2	...	...	...	...	...	...	...	...	..
Ginabahar	82·6	...	86	4 days	55·0	...	47	18,,19	...	0	...	0	...	0	...	...	...	...	0	...	...	...	...	...	...	...	...	..
Ganga Catchment																												
Tapoban	67·5	...	74	1	42·9	...	37	17	...	0	...	0	...	0	...	...	...	...	0	...	...	...	...	...	...	...	...	..
Badrinath	Closed during winter months.																											
Narbada Catchment																												
Punasa	89·9	...	96	1,2	54·1	...	47	20	0	0	...	0	...	0	...	2·4	1·5	...	0	...	...	...	...	...	...	...	...	..
Bagratawa	86·3	...	94	1	50·0	...	43	19	0	0	...	0	...	0	...	2·6	1·3	...	0	...	...	...	...	...	...	...	...	..
Thikri	91·0	...	96	1	53·0	...	46	19	...	0	...	0	...	0	...	...	...	...	0	...	...	...	...	...	...	...	..	..
Tapti Catchment																												
Nandurbar	92·5	...	97	1	64·3	...	57	30	...	0	...	0	...	0	...	...	...	...	0	...	...	...	...	...	...	...	...	..
Sabarmati Catchment																												
Jhadol	85·0	...	89	4,5,8	...	...	...	...	...	0	...	0	...	0	...	...	...	...	0	...	...	...	...	...	...	...	...	..
Dharoi	91·2	...	98	1	56·6	...	51	18	...	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, miles per hour.	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
Islands																										
ble Island	0830	108	1011·4	1007·7	...	81·2	77·0	75·2	30·1	82	...	5·5	...	10·8	0	11	19	7	10	2	6	1	3	1	0	0
	1730	,,	1009·1	1005·3	...	79·9	75·9	74·1	28·7	83	...	5·1	...	9·6	0	8	21	5	12	3	8	1	0	0	0	1
ya Bandar	0830	76	1010·3	1008·6	...	81·9	77·3	75·2	31·2	80	...	4·5	...	5·3	0	2	19	1	13	3	2	1	0	0	1	9
	1730	,,	1008·3	1006·6	...	80·4	77·1	75·7	30·0	86	...	5·5	...	5·7	0	4	18	2	10	5	1	1	1	0	2	8
ıg Island	0830	110	1011·6	1007·8	...	81·7	77·9	76·2	30·6	84	...	5·3	...	2·3	0	0	22	0	0	0	9	2	5	2	4	8
	1730	,,	1009·0	1005·4	...	79·4	76·5	75·2	29·7	88	...	5·0	...	1·9	0	0	17	0	2	3	7	1	1	0	3	13
t Blair	0530	259	1010·0	1001·0	...	76·4	75·1	74·5	28·9	95	...	5·5	...	4·1	0	0	22	2	4	5	3	1	2	3	2	8
	0830	,,	1011·6	1002·7	−0·5	82·3	78·2	76·4	31·2	83	+7	5·8	+1·2	5·7	0	2	26	3	10	7	3	3	2	0	0	2
	1130	,,	1010·1	1001·3	...	82·7	78·6	76·6	31·7	81	...	5·9	...	8·4	0	4	26	1	9	11	3	5	1	0	0	0
	1730	,,	1009·3	1000·4	...	78·5	76·2	75·2	30·5	90	...	5·7	...	6·5	0	3	24	2	7	7	2	4	2	1	2	3
	2330	,,	1010·7	1001·7	...	76·9	75·6	75·0	29·4	94	...	4·3	...	5·5	0	3	20	3	3	4	0	5	3	2	3	7
idul	0830	30	1011·4	1010·4	...	81·8	77·3	75·2	30·0	89	...	6·1	...	2·6	0	1	13	0	4	8	2	0	0	0	0	16
	1730	,,	1008·7	1007·7	...	78·4	75·9	74·8	29·4	89	...	5·7	...	2·1	0	0	9	0	3	5	1	0	0	0	0	21
Nicobar	0830	33	1011·2	1010·0	...	82·8	78·9	76·2	31·8	81	...	6·1	...	1·7	0	0	23	0	8	3	2	1	8	0	1	7
	1730	,,	1009·0	1007·8	...	78·7	76·6	75·6	31·6	90	...	6·0	...	0·6	0	0	7	0	2	0	0	0	4	0	1	23
cowry	0830	70	1011·3	1008·9	...	82·9	78·5	76·4	31·2	81	...	6·1	...	3·5	0	0	20	0	0	3	1	5	6	4	1	10
	1730	,,	1008·7	1006·3	...	79·3	76·2	74·8	29·6	86	...	3·2	...	2·2	0	1	9	0	0	0	0	1	5	4	0	20
a																										
ugarh	0830	348	1016·6	1004·3	−0·4	72·4	66·2	62·5	19·4	72	−10	1·8	−0·8	1·8	0	0	27	10	6	6	1	0	0	0	4	3
	1730	,,	1012·7	1000·6	...	70·7	66·0	63·1	20·0	77	...	1·9	...	0·1	0	0	1	1	0	0	0	0	0	0	0	29
ugarh (Mohanbari Aero-ome)	0230	364	1014·7	1001·6	...	57·5	57·0	56·4	15·7	97	...	1·2	...	0·1	0	0	2	0	2	0	0	0	0	0	0	28
	0530	,,	1015·7	1002·5	...	56·9	56·3	55·5	15·3	96	...	2·4	...	0	0	0	0	0	0	0	0	0	0	0	0	30
	0830	,,	1017·1	1004·2	...	70·8	65·2	61·4	18·8	73	...	2·4	...	2·2	0	0	24	0	15	7	2	0	0	0	0	6
	1130	,,	1014·6	1002·0	...	77·7	66·5	58·9	17·5	53	...	2·5	...	2·7	0	0	26	7	11	5	1	1	0	1	0	4
	1730	,,	1013·2	1000·3	...	68·2	65·1	63·0	19·9	84	...	2·2	...	0	0	0	0	0	0	0	0	0	0	0	0	30
	2330	,,	1015·2	1002·1	...	58·9	58·2	57·5	17·0	96	...	1·3	...	0	0	0	0	0	0	0	0	0	0	0	0	30
agar	0830	317	1017·1	1005·9	+0·2	70·4	66·7	64·7	20·9	83	−6	3·9	−1·5	1·5	0	0	22	4	6	3	2	2	2	0	3	8
	1730	,,	1012·8	1001·7	...	71·3	67·9	66·3	19·1	83	...	3·4	...	0·7	0	0	8	4	4	0	0	0	0	0	0	22
ur	0830	258	1016·9	1007·7	−0·3	67·0	64·1	62·2	19·0	85	+4	0·8	−1·5	1·6	0	0	24	0	14	10	0	0	0	0	0	6
	1730	,,	1012·3	1003·3	...	73·3	67·3	63·4	20·1	71	...	0·8	...	0·1	0	0	2	0	0	2	0	0	0	0	0	28
ur (P. B. O.)	0230	257	1014·7	1005·4	...	61·6	60·7	60·0	17·6	95	...	1·4	...	0·9	0	0	11	3	5	2	0	1	0	0	0	19
	0530	,,	1015·8	1006·5	...	59·5	58·7	58·1	16·3	96	...	1·5	...	0·3	0	0	4	1	2	1	0	0	0	0	0	26
	0830	,,	1017·3	1008·1	...	69·4	64·8	61·9	19·0	77	...	1·8	...	2·4	0	0	24	4	11	5	2	0	0	2	0	6
	1130	,,	1014·8	1005·8	...	78·6	68·5	62·1	19·4	57	...	1·6	...	2·7	0	0	27	1	9	13	2	0	1	1	0	3
	1730	,,	1013·0	1003·9	...	71·0	66·6	63·7	20·2	79	...	1·6	...	0·1	0	0	1	0	1	0	0	0	0	0	0	29
	2330	,,	1015·2	1005·9	...	63·0	62·0	61·0	18·5	94	...	1·1	...	0·5	0	0	6	2	1	2	0	0	0	1	0	24
hati	0830	182	1016·7	1010·3	+0·5	69·3	66·2	64·3	20·7	84	−2	1·3	−1·3	2·1	0	0	29	9	10	4	2	2	1	0	1	1
	1730	,,	1011·6	1005·3	...	74·7	68·5	64·8	21·3	72	...	1·7	...	0·4	0	0	6	0	1	1	3	0	1	0	0	24
hati (Kaikuchi Aero-rome).	0230	162	1013·9	1008·0	...	61·3	60·9	60·4	18·0	98	...	0·8	...	0·7	0	0	9	1	2	1	0	4	0	0	1	21
	0530	,,	1014·6	1008·8	...	60·2	59·9	59·6	17·2	98	...	1·9	...	0·7	0	0	6	1	2	1	0	1	1	0	0	24
	0830	,,	1016·3	1010·6	...	71·0	66·8	64·2	20·8	79	...	1·9	...	2·5	0	0	21	6	12	1	0	0	1	1	0	9
	1130	,,	1014·0	1008·4	...	79·4	69·9	64·3	20·7	61	...	1·9	...	5·8	0	0	27	4	16	4	0	0	1	0	2	3
	1730	,,	1012·4	1006·7	...	70·5	67·5	65·5	21·6	84	...	1·4	...	0·9	0	0	10	0	2	1	1	3	3	0	0	20
	2330	,,	1014·5	1008·7	...	62·7	62·1	61·5	18·9	96	...	0·7	...	0·9	0	0	13	3	1	1	1	3	4	0	0	17
bri	0830	115	1016·5	1012·4	+0·4	71·3	66·5	62·8	19·8	75	−4	1·6	−0·1	2·9	0	0	30	2	15	10	1	1	1	0	0	0
	1730	,,	1012·7	1008·6	...	74·4	68·4	64·8	21·0	72	...	1·6	..	1·7	0	0	24	2	13	2	1	1	3	1	1	6
iar	0830	96	1015·8	1012·4	0	72·6	67·5	64·1	21·6	76	−4	2·1	−0·4	0·3	0	0	5	0	1	2	1	1	0	0	0	25
	1730	,,	1012·0	1008·7	...	77·0	70·6	66·7	22·5	72	...	2·0	...	0·1	0	0	2	1	1	0	0	0	0	0	0	28
a	0830	1,215	1016·3	973·9	...	67·8	62·4	58·5	16·7	73	...	1·4	...	1·5	0	0	19	0	7	8	3	0	0	1	0	11
	1730	,,	1012·7	970·8	...	72·3	67·4	64·4	20·5	77	...	2·2	...	2·3	0	0	22	1	11	6	3	0	1	0	0	8
ding	0830	488	1016·8	999·5	...	65·0	64·7	62·5	20·5	86	−3	1·8	...	0·1	0	0	2	0	1	1	0	0	0	0	0	28
	1730	,,	1012·2	995·4	...	76·3	70·1	66·4	22·6	72	...	2·4	...	0·2	0	0	2	0	0	0	2	0	0	0	0	28
rtala	0230	52	1012·0	1010·1	...	63·6	62·9	62·3	19·5	96	...	1·5	...	0	0	0	0	0	0	0	0	0	0	0	0	30
	0530	,,	1012·5	1010·6	...	61·9	61·2	60·8	18·9	97	...	2·0	...	0	0	0	0	0	0	0	0	0	0	0	0	30
	0830	,,	1014·2	1012·3	...	74·4	70·2	67·8	23·6	80	...	1·9	...	0·3	0	0	3	0	1	0	1	0	0	0	1	27
	1130	,,	1012·6	1010·8	...	81·7	70·8	64·3	21·3	57	...	3·1	...	1·8	0	0	11	5	0	1	0	0	1	0	4	19
	1730	,,	1011·0	1009·2	...	74·6	69·6	66·7	22·4	77	...	2·1	...	0	0	0	0	0	0	0	0	0	0	0	0	30
	2330	,,	1012·8	1010·9	...	65·4	64·5	63·7	20·2	95	...	1·1	...	0·1	0	0	1	0	0	1	0	0	0	0	0	29

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, miles per hour.	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
Assam—*contd.*																										
Imphal	0830	2,628	906·0	927·9	...	63·9	59·1	55·8	14·7	75	...	3·2	...	1·8	0	0	21	1	1	2	3	13	1	0	0	9
	1130	,,	904·2	926·0	...	73·8	62·5	54·9	14·0	53	...	2·9	...	3·2	0	0	26	0	2	2	7	8	3	1	3	4
	1730	,,	902·2	923·8	...	69·3	61·4	56·1	14·9	64	...	2·7	...	1·5	0	0	16	0	0	1	1	2	4	6	2	14
West Bengal																										
Dum Dum	0230	33	1012·7	1011·6	...	66·7	64·1	62·3	19·5	86	...	1·3	...	4·5	0	0	30	13	6	1	0	0	0	3	7	6
	0530	,,	1013·2	1012·0	...	65·1	62·7	61·4	18·3	87	...	2·2	...	5·0	0	0	29	13	4	1	2	0	0	0	9	
	0830	,,	1015·3	1014·1	...	73·1	66·4	61·8	19·4	68	...	2·1	...	6·1	0	0	29	14	8	2	1	0	0	0	4	
	1130	,,	1014·1	1012·9	...	81·1	66·7	57·3	15·8	47	...	2·6	...	7·5	0	2	27	9	8	3	1	0	0	3	5	
	1730	,,	1011·9	1010·7	...	77·2	67·5	61·0	18·9	58	...	2·3	...	4·1	0	0	30	14	4	1	1	0	0	0	10	
	2330	,,	1013·6	1012·5	...	68·4	65·1	63·0	19·4	83	...	1·3	...	3·6	0	0	27	8	6	2	0	1	0	2	8	
Calcutta	0830	21	1015·4	1014·7	+0·1	73·4	67·2	63·2	20·2	72	−4	1·9	+0·1	2·1	0	0	22	7	2	2	1	0	0	0	10	
	1130	,,	1013·6	1012·9	...	82·0	70·0	62·3	19·6	53	...	2·0	...	3·7	0	0	25	7	7	2	1	1	0	0	7	
	1730	,,	1012·0	1011·3	...	76·0	69·3	65·3	21·7	70	...	1·5	...	0·5	0	0	5	1	2	0	0	0	0	0	2	2
Barrackpore	0530	23	1013·4	1012·6	...	66·5	63·4	61·8	18·6	85	...	2·4	...	2·2	0	0	24	6	4	2	2	0	0	2	8	
	0830	,,	1015·5	1014·7	...	73·2	67·3	64·2	20·1	74	...	2·2	...	3·2	0	0	28	10	6	2	1	0	0	0	9	
	1130	,,	1014·1	1013·3	...	80·9	69·2	62·9	19·3	55	...	2·3	...	5·0	0	0	30	11	3	3	2	0	1	2	8	
	1730	,,	1012·1	1011·3	...	75·6	68·3	64·2	19·9	69	...	1·8	...	2·6	0	0	25	6	3	2	1	0	0	1	12	
	2330	,,	1013·8	1013·0	...	69·2	65·9	64·3	20·7	85	...	1·3	...	1·5	0	0	16	2	4	1	0	0	0	1	8	1
Saugor Island	0830	10	1014·5	1014·2	−0·4	75·0	68·8	65·2	21·5	73	−2	2·7	+0·1	9·9	0	6	22	12	11	0	1	0	0	0	4	
	1730	,,	1011·3	1011·0	...	76·8	70·0	65·7	21·7	70	...	2·8	...	6·7	0	0	30	13	8	0	1	2	1	0	5	
Sandheads	0530	32	1012·8	1011·7	...	77·9	70·1	65·4	22·2	66	...	2·4	...	7·6	0	5	23	15	9	0	0	2	0	1	1	
	0830	,,	1014·7	1013·6	+0·1	79·9	71·0	65·9	21·7	63	+1	2·3	−0·5	8·5	0	6	22	16	8	0	1	0	1	1	1	
	1130	,,	1013·5	1012·4	...	80·5	71·1	65·3	21·7	61	...	2·2	...	8·3	0	6	23	12	10	2	0	0	1	1	3	
	1730	,,	1012·3	1011·2	...	80·2	70·8	65·2	21·4	62	...	2·3	...	5·1	0	3	21	10	7	1	1	1	0	2	2	
	2330	,,	1013·2	1012·1	...	78·9	70·5	65·4	21·5	64	...	0·8	...	6·3	0	4	22	9	8	3	0	2	1	1	2	
Midnapor	0830	149	1015·7	1010·4	+0·3	73·6	66·5	62·5	18·9	69	+3	2·2	+0·4	2·3	0	0	23	13	10	0	0	0	0	0	0	
	1730	,,	1011·9	1006·7	...	77·6	69·6	64·8	21·1	65	...	1·6	...	1·3	0	0	18	3	11	3	0	0	0	0	1	1
Contai	0830	35	1014·7	1013·5	...	72·7	67·7	64·8	20·9	76	...	2·2	...	2·4	0	0	27	16	7	0	1	0	0	0	3	
	1730	,,	1012·0	1010·8	...	77·6	70·2	66·4	21·7	68	...	2·3	...	0·6	0	0	9	4	2	0	1	2	0	0	0	2
Burdwan	0830	106	1015·5	1011·7	−0·1	71·1	65·6	62·0	19·1	73	+4	2·0	+0·3	1·6	0	0	24	8	12	0	1	0	0	0	3	
	1730	,,	1012·4	1008·7	...	76·5	70·5	66·8	22·8	72	...	1·3	...	0·6	0	0	9	3	2	2	0	0	1	0	1	2
Krishnagar	0830	48	1015·6	1013·9	+0·1	73·2	67·5	64·2	20·7	73	+4	1·8	+0·1	0·8	0	0	12	2	1	0	0	1	0	3	5	1
	1730	,,	1012·6	1010·9	...	76·6	69·4	65·5	21·6	69	...	1·8	...	0·1	0	0	2	0	0	0	0	1	0	0	1	2
Asansol	0230	414	1013·4	998·7	...	64·9	61·3	58·3	17·0	79	...	1·4	...	2·1	0	0	20	3	1	0	0	0	0	5	11	1
	0530	,,	1013·8	999·1	...	62·5	60·1	58·0	16·5	86	...	1·8	...	1·3	0	0	18	2	0	0	0	0	1	3	12	1
	0830	,,	1015·7	1001·1	0	69·6	64·0	59·9	17·9	72	+3	1·9	−0·2	2·7	0	0	25	4	0	0	0	0	0	11	10	
	1130	,,	1014·5	1000·2	...	80·0	66·2	55·8	15·6	46	...	2·1	...	3·2	0	0	26	3	5	1	0	0	0	4	13	
	1730	,,	1012·2	997·9	...	76·4	66·0	58·4	17·0	56	...	2·1	...	0·5	0	0	7	1	1	0	0	0	0	1	4	3
	2330	,,	1014·2	999·6	...	67·1	62·3	58·6	16·8	75	...	1·5	...	0·6	0	0	7	0	0	0	2	0	0	0	5	2
Berhampore	0830	62	1015·6	1013·4	−0·1	72·0	65·9	61·9	19·1	70	−5	1·5	−0·3	0·6	0	0	9	4	2	2	0	0	0	1	0	2
	1730	,,	1012·1	1009·9	...	77·3	68·3	63·1	19·5	62	...	1·3	...	0·2	0	0	3	0	0	1	1	1	0	0	0	2
Malda	0830	103	1015·9	1012·2	+0·1	72·0	65·2	60·5	17·9	68	−4	1·4	+0·6	3·9	0	0	29	16	5	1	1	0	0	1	5	
	1730	,,	1012·2	1008·6	..	76·6	68·3	63·1	19·6	63	...	1·3	...	1·9	0	0	21	7	2	0	0	2	1	3	6	
Cooch Behar	0830	145	...	...	..	72·1	65·4	60·6	18·6	68	...	(b) 0·6	...	(c) 2·1	0	0	25	0	1	24	0	0	0	0	0	
	1730	,,	...	...	...	77·6	74·6	73·1	27·9	86	...	(b) 0·7	...	(b) 0·1	0	0	1	0	0	0	1	0	0	0	0	3
Jalpaiguri	0830	271	1016·5	1006·7	+0·2	65·9	61·8	58·7	17·1	78	−2	0·7	−0·4	2·8	0	0	30	19	8	2	1	0	0	0	0	
	1730	,,	1012·4	1002·9	...	77·4	68·5	62·7	19·6	61	...	0·8	...	0·8	0	0	9	0	3	1	1	0	2	0	2	3
Bagdogra	0530	416	1014·3	999·4	..	56·8	55·4	54·1	14·3	91	...	1·2	...	0·7	0	0	8	7	0	0	0	0	0	0	1	3
	0830	,,	1016·0	1001·5	...	72·5	64·6	59·2	17·1	63	...	1·0	...	1·3	0	0	15	2	6	5	2	0	0	0	0	
	1130	,,	1014·2	1000·0	...	82·1	67·0	56·5	15·9	43	...	1·2	...	3·1	0	0	25	0	3	8	10	1	2	0	1	
	1730	,,	1012·5	998·0	..	70·7	66·1	63·0	20·0	77	...	1·3	...	0·1	0	0	1	1	0	0	0	0	0	0	0	3
Orissa																										
Balasore	0830	65	1015·1	1012·8	−0·3	73·0	66·6	62·3	19·3	70	−1	3·2	+1·0	2·7	0	0	30	15	4	0	0	0	0	0	11	
	1730	,,	1011·8	1009·8	...	76·0	69·6	65·6	21·7	71	...	2·7	...	0	0	0	0	0	0	0	0	0	0	0	0	
Chandbali	0830	20	1015·4	1014·7	+0·3	74·2	68·3	65·1	20·9	73	−4	2·3	−0·4	2·4	0	0	30	12	3	0	0	0	0	1	14	
	1730	,,	1011·9	1011·2	...	76·3	69·9	65·7	22·0	68	...	1·7	...	1·3	0	0	18	1	8	5	3	0	0	0	1	

(b) Mean of 29 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, miles per hour.	Wind Speed (m.p.h.).			No. of observations.								
			At mean sea or nearest s.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
sa—*contd.*																										
ıri	0830	20	1014·9	1014·3	0	74·1	68·7	65·4	21·4	75	+3	3·2	+0·8	7·0	0	1	29	23	6	0	0	0	0	0	1	0
	1730	,,	1012·4	1011·7	...	79·2	71·1	66·2	22·5	66	...	2·8	...	5·1	0	0	27	4	9	1	4	5	2	2	0	3
ubaneswar	0530	150	1013·1	1007·6	...	64·3	62·9	61·8	18·8	92	...	2·8	...	3·4	0	[illegible]	25	10	3	0	0	0	0	1	11	5
	0830	,,	1014·8	1009·4	...	74·2	68·1	64·2	20·9	72	...	2·9	...	5·5	0	[illegible]	30	11	5	2	0	0	0	1	11	0
	1130	,,	1013·5	1008·2	...	81·5	69·4	61·4	19·2	49	...	2·9	...	6·9	0	4	25	8	13	4	1	0	0	1	2	1
	1730	,,	1011·9	1006·5	...	76·5	68·1	63·7	19·5	66	...	2·7	...	4·2	0	0	28	7	10	3	0	2	1	0	5	2
	2330	,,	1013·6	1008·3	...	69·7	65·5	62·7	19·8	79	...	2·3	...	3·5	0	0	28	12	10	0	0	1	1	0	4	2
ıttack	0830	87	1015·0	1011·9	−0·6	72·7	66·9	63·1	19·7	72	−2	2·3	−0·2	1·1	0	0	7	0	7	0	0	0	0	0	0	23
	1730	,,	1011·5	1008·5	...	79·2	70·5	65·3	21·8	63	...	2·1	...	0·3	0	0	3	0	3	0	0	0	0	0	0	27
uttack (P. B. O.)	0230	,,	1012·5	1009·6	...	70·2	66·8	64·9	20·8	83	...	1·9	...	0·7	0	0	6	1	4	0	0	0	0	0	1	24
	0530	,,	1013·3	1010·3	...	68·5	65·7	64·1	18·2	86	...	2·7	...	0·4	0	0	5	0	3	0	0	0	0	1	1	25
	0830	,,	1015·2	1012·3	...	74·7	68·1	64·7	20·7	72	...	2·7	...	1·5	0	0	15	1	7	1	0	1	1	2	2	15
	1130	,,	1013·9	1011·0	...	80·3	69·4	63·6	19·5	58	...	2·5	...	2·7	0	0	27	3	21	1	0	0	0	1	1	3
	1730	,,	1012·1	1009·1	...	77·9	69·9	65·8	21·3	67	...	2·2	...	0·5	0	0	7	0	7	0	0	0	0	0	0	23
	2330	,,	1013·7	1010·7	...	71·9	68·3	66·3	22·1	83	...	1·9	...	0·5	0	0	5	0	5	0	0	0	0	0	0	25
opalpur	0530	56	1013·0	1011·0	...	67·6	65·6	64·2	20·6	89	...	3·3	...	5·1	0	1	27	17	0	0	0	0	0	0	11	2
	0830	,,	1014·9	1012·9	−0·1	73·6	68·4	65·0	21·6	76	+4	3·0	+0·8	6·7	0	2	27	18	1	0	1	0	0	0	9	1
	1130	,,	1013·9	1012·0	...	82·4	71·6	64·4	21·3	57	...	2·9	...	6·7	0	2	27	8	10	1	4	3	0	1	2	1
	1730	,,	1011·9	1010·0	...	78·5	70·6	66·1	21·9	67	...	2·9	...	5·1	0	0	29	7	7	5	9	0	1	0	0	1
	2330	,,	1013·8	1011·8	...	71·1	67·7	65·8	21·5	83	...	1·8	...	4·0	0	0	27	13	1	0	0	1	0	0	12	3
oraput	0830	2,996	904·1	913·2	...	63·8	59·7	56·5	16·0	77	...	2·6	...	2·5	0	0	30	4	2	1	3	17	3	0	0	0
	1730	,,	901·7	911·0	...	70·4	61·5	55·2	14·9	60	...	2·6	...	3·4	0	0	30	26	0	0	0	1	1	0	2	0
ngul	0830	455	1015·9	999·9	+0·5	69·5	65·2	62·1	19·0	78	+6	4·0	+1·3	2·4	0	0	22	0	1	0	0	0	1	13	7	8
	1730	,,	1012·2	996·5	...	78·6	68·0	60·7	18·8	56	...	3·0	...	1·7	0	0	18	4	2	2	0	1	0	2	7	12
mbalpur	0830	486	1015·5	998·5	−0·3	71·4	64·9	60·1	18·1	69	−3	2·4	+0·3	2·5	0	0	29	11	7	2	0	0	0	3	7	
	1730	,,	1012·0	995·2	...	76·9	67·4	61·6	20·6	61	...	2·2	...	1·1	0	0	14	4	5	2	1	0	0	0	2	16
arsuguda	0230	754	1013·8	987·1	...	63·3	60·6	58·4	17·1	85	...	1·3	...	3·0	0	0	24	11	12	0	1	0	0	0	0	6
	0530	,,	1014·4	987·6	...	60·5	58·6	56·8	15·9	88	...	1·7	...	2·6	0	0	23	12	9	2	0	0	0	0	0	7
	0830	,,	1016·2	989·6	...	67·7	61·3	56·1	15·5	67	...	2·4	...	3·7	0	0	29	19	10	0	0	0	0	0	0	1
	1130	,,	1014·4	988·4	...	78·4	64·8	54·1	14·9	45	...	2·2	...	4·0	0	0	27	7	18	1	0	0	0	0	1	3
	1730	,,	1012·1	986·1	...	76·5	66·0	58·3	17·1	55	...	2·1	...	1·2	0	0	11	2	5	0	2	0	0	0	2	19
	2330	,,	1014·6	988·0	...	66·5	61·8	58·1	16·9	75	...	1·4	...	2·1	0	0	20	8	10	1	1	0	0	0	0	10
itilagarh	0830	691	1015·7	991·1	...	68·2	63·9	61·2	18·1	78	...	2·7	...	1·3	0	0	18	6	4	0	1	3	1	1	2	12
	1730	,,	1011·3	987·6	...	78·8	68·3	62·6	18·9	58	...	2·9	...	0·8	0	0	12	6	4	1	0	0	0	0	1	18
ta Nagpur																										
urulia	0830	835	1016.2	987·0	...	70·3	62·9	57·3	16·1	65	...	1·9	...	1·9	0	0	24	1	2	0	1	0	1	7	12	6
	1730	,,	1012.4	983·6	...	74·6	65·1	58·1	16·9	53	...	2·2	...	0·6	0	0	9	4	1	0	1	0	0	1	2	21
mshedpur	0830	423	1016·3	1001·3	+0·6	68·0	63·1	59·7	17·5	75	+4	2·3	+0·1	2·2	0	0	23	0	1	3	0	0	1	12	6	7
	1730	,,	1012·4	997·7	...	76·0	67·5	61·6	19·2	63	...	2·0	...	0·9	0	0	10	0	2	4	1	0	1	2	0	20
mshedpur (P. B. O.)	0530	477	1014·8	997·7	...	61·6	59·7	58·2	16·6	89	...	2·2	...	0·9	0	0	10	0	0	0	0	0	0	5	5	20
	0830	,,	1016·4	999·6	...	68·1	63·3	59·7	17·5	75	...	2·3	...	2·1	0	0	23	0	1	0	0	0	1	11	10	7
	1130	,,	1014·7	998·1	...	77·4	66·7	59·2	17·8	55	...	2·2	...	2·5	0	0	24	1	2	2	1	1	1	9	7	6
	1730	,,	1012·5	995·9	...	75·9	66·6	60·7	17·8	61	...	2·2	...	0·7	0	0	9	3	1	3	0	1	0	0	1	21
	2330	,,	1014·8	997·9	...	64·9	62·0	59·9	17·5	84	...	1·0	...	1·2	0	0	14	0	0	1	0	0	1	5	7	16
haibasa	0830	742	1016.1	990·0	+0·3	67·5	62·9	60·1	17·6	76	+2	2·4	+0·4	0·1	0	0	2	0	1	0	0	0	1	0	0	28
	1730	,,	1012·1	986·5	...	75·0	66·1	59·8	17·8	60	...	2·8	...	0·1	0	0	1	0	1	0	0	0	0	0	0	29
anchi	0830	2,150	903·7	942·3	+0·5	68·2	59·5	52·7	14·0	59	+1	1·6	−0·2	0·3	0	0	4	3	0	0	0	1	0	0	0	26
	1730	,,	901·3	939·7	...	69·4	61·3	54·5	15·3	61	...	1·8	...	0	0	0	1	0	1	0	0	0	0	0	0	29
lazaribagh	0830	2,006	903·2	947·0	+0·5	68·0	59·1	51·9	13·4	59	+2	1·9	+0·4	2·5	0	0	17	6	4	1	0	0	1	1	4	13
	1730	,,	900·7	944·3	...	69·6	59·7	52·3	13·4	56	...	2·2	...	3·2	0	0	29	8	5	2	0	0	0	0	14	1
lazaribagh (C. W.)	0530	2,008	900·3	945·0	...	55·5	52·0	48·4	11·9	79	...	1·2	.	0·2	0	0	3	3	0	0	0	0	0	0	0	27
	0830	,,	903·1	946·9	...	67·4	59·5	53·6	14·1	62	...	1·5	...	0·7	0	0	11	6	4	0	0	0	0	1	0	19
	1130	,,	903·2	946·4	...	74·9	61·4	50·6	13·1	45	...	1·8	...	2·5	0	0	29	16	11	1	0	0	0	0	1	1
	1730	,,	900·7	944·3	...	68·0	59·7	53·3	13·9	60	...	1·8	...	0·8	0	0	11	9	2	0	0	0	0	0	0	19
	2330	,,	901·3	945·8	...	58·3	54·3	50·9	12·7	76	...	0·9	...	0	0	0	0	0	0	0	0	0	0	0	0	30
altonganj	0830	725	1016·9	991·3	+0·3	66·1	59·9	54·6	15·1	68	−8	1·2	0	1·0	0	0	15	0	0	8	2	0	2	2	1	15
	1730	,,	1012·6	987·5	...	75·2	66·8	61·1	18·5	63	...	1·6	...	1·2	0	0	18	1	6	1	0	0	0	7	3	12

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, miles per hour.	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
Bihar																										
Purnea	0830	124	1016·3	1011·9	+0·2	70·0	63·9	59·6	17·7	70	−11	0·9	−0·1	1·3	0	0	17	1	3	6	0	1	2	4	0	13
	1730	,,	1012·4	1008·1	...	71·7	67·3	64·6	20·8	78	...	0·8	...	0	0	0	0	0	0	0	0	0	0	0	0	30
Forbesganj	0830	199	1015·8	1008·8	...	68·2	64·5	61·8	19·3	81	...	1·0	...	2·5	0	0	26	0	11	8	0	3	1	3	0	4
	1730	,,	1012·1	1005·2	...	75·1	67·7	63·0	19·7	66	...	0·5	...	0·9	0	0	10	0	0	1	0	0	1	8	0	20
Darbhanga	0830	161	1016·5	1010·7	+0·4	65·6	63·4	61·8	19·2	88	+13	0·6	−0·4	0·9	0	0	14	0	2	4	1	0	0	6	1	16
	1730	,,	1013·1	1007·4	...	74·7	68·5	64·7	21·3	71	...	0·1	...	0	0	0	0	0	0	0	0	0	0	0	0	30
Motihari	0830	218	1016·2	1008·9	+0·6	73·2	65·5	61·1	18·2	65	−10	0	−0·7	0·7	0	0	10	0	0	1	0	0	0	8	1	20
	1730	,,	1013·0	1005·7	...	75·2	67·7	63·1	19·8	67	...	0	...	0·5	0	0	7	0	0	0	0	0	0	7	0	23
Patna	0830	173	1016·3	1010·1	0	71·8	63·1	56·6	16·1	59	−6	0·7	−0·4	2·2	0	0	25	0	4	0	0	2	13	3	3	5
	1730	,,	1013·1	1007·1	...	77·1	65·7	58·1	16·4	52	...	0·6	...	1·1	0	0	16	1	2	1	0	0	1	4	7	14
Patna (Aerodrome)	0530	196	1013·9	1006·8	...	58·3	56·8	55·4	15·1	91	...	0·8	...	0·4	0	0	4	0	0	0	0	0	1	2	1	26
	0830	,,	1015·8	1008·9	...	69·5	62·3	56·9	16·1	65	...	0·9	...	3·5	0	0	25	0	5	1	0	2	6	9	2	5
	1130	,,	1014·8	1008·0	...	80·0	65·1	53·6	14·3	41	...	0·9	...	4·6	0	0	29	1	7	3	1	1	2	8	6	1
	1730	,,	1012·3	1005·5	...	76·1	65·8	58·7	16·8	55	...	0·9	...	0·9	0	0	8	1	2	2	0	0	0	1	2	22
Dehri	0830	352	1016·2	1003·7	...	68·9	61·9	56·3	15·5	65	...	1·1	...	2·1	0	0	29	2	0	0	1	3	20	2	1	1
	1730	,,	1012·3	1000·1	...	76·4	64·7	56·0	15·8	51	...	1·4	...	0·9	0	0	14	4	3	0	0	0	2	0	5	16
Gaya	0230	373	1014·0	1000·6	...	59·1	56·8	54·8	14·5	85	...	0·7	...	1·5	0	0	21	1	0	0	8	7	2	3	0	9
	0530	,,	1014·4	1000·9	...	56·7	54·8	53·2	13·7	88	...	1·0	...	1·7	0	0	22	0	1	0	14	6	1	0	0	8
	0830	,,	1016·4	1003·2	+0·3	68·7	61·7	56·2	15·6	65	+1	1·6	+0·4	2·6	0	0	23	0	1	1	2	9	9	1	0	7
	1130	,,	1015·1	1002·2	...	80·2	65·5	54·5	15·1	42	...	1·7	...	4·1	0	0	27	5	6	2	2	0	1	8	3	3
	1730	,,	1012·8	999·7	...	76·1	64·4	55·4	15·6	50	...	1·8	...	2·1	0	0	22	5	8	1	0	0	0	2	6	8
	2330	,,	1014·8	1001·4	...	62·7	58·7	55·3	15·1	78	....	0·8	...	1·6	0	0	20	0	0	0	7	10	2	1	0	10
Jamui	0830	270	1016·5	1006·0	...	67·4	63·4	60·8	18·2	79	...	1·5	...	1·3	0	0	16	0	1	4	3	0	0	0	8	14
	1730	,,	1012·8	1003·1	...	74·4	66·1	60·3	17·9	62	...	1·3	...	0·5	0	0	7	0	0	0	1	0	1	1	4	23
Dumka	0830	489	1016·0	998·8	+0·1	70·7	64·4	59·4	17·6	68	+1	1·1	−0·1	1·9	0	0	29	3	5	1	1	0	0	12	7	1
	1730	,,	1012·3	995·3	...	76·9	66·8	56·9	18·0	58	...	1·4	...	1·9	0	0	28	4	7	4	0	0	1	4	8	2
Sabour	0830	122	1016·2	1011·8	+0·7	70·5	64·3	59·6	18·0	69	−7	1·5	+0·1	2·5	0	0	25	2	2	2	2	1	8	3	5	5
	1730	,,	1012·5	1008·2	...	73·4	67·1	62·8	19·6	71	...	1·4	...	1·3	0	0	17	2	1	0	0	0	3	4	7	13
Bhagalpur	0530	160	1013·8	1008·3	...	63·6	61·1	58·9	17·3	84	...	1·2	...	1·0	0	0	10	0	0	3	1	4	1	1	0	20
	0830	,,	1016·1	1010·5	...	72·2	65·0	59·8	18·1	66	...	1·4	...	0·7	0	0	6	0	1	2	1	1	1	0	0	24
	1130	,,	1015·1	1009·6	...	77·8	67·1	59·9	18·4	55	...	1·6	...	2·5	0	0	18	1	2	5	1	0	0	5	4	12
	1730	,,	1012·3	1006·9	...	76·2	67·5	61·9	19·3	62	...	1·3	...	1·5	0	0	17	1	0	1	0	1	3	6	5	13
	2330	,,	1014·3	1008·7	...	68·2	63·9	60·7	18·1	78	...	0·7	...	0·9	0	0	11	0	1	0	0	2	4	4	0	19
U. P., East																										
Gonda	0830	360	1016·7	1003·8	...	62·2	58·1	54·8	14·7	76	+1	0·2	−0·7	0·3	0	0	6	0	0	2	0	0	0	2	2	24
	1730	,,	1013·3	1000·7	...	72·8	63·3	56·6	15·5	57	...	0·3	...	0	0	0	0	0	0	0	0	0	0	0	0	30
Gorakhpur	0830	254	1016·0	1007·3	+0·4	67·6	61·4	56·7	15·6	69	−4	0·3	−0·3	1·2	0	0	14	1	0	4	0	0	1	6	2	16
	1730	,,	1012·7	1003·9	...	77·3	66·3	59·4	16·9	51	...	0·2	...	0·9	0	0	11	0	0	0	0	1	2	5	3	19
Gorakhpur (P.B.O.)	0230	257	1013·9	1004·3	...	60·1	57·6	55·2	15·0	86	...	0	...	0·7	0	0	8	3	0	0	0	0	1	1	3	22
	0530	,,	1014·2	1004·8	...	58·3	56·2	54·0	14·4	88	...	0·1	...	0·3	0	0	5	0	0	0	0	0	1	2	2	25
	1130	,,	1015·3	1006·4	...	81·3	65·3	53·4	13·9	39	...	0·3	...	2·7	0	0	26	3	2	0	3	9	2	6	1	4
	2330	,,	1014·9	1005·5	...	64·2	59·9	56·6	15·6	78	...	0	...	0·7	0	0	6	2	0	0	0	1	1	2	0	24
Azamgarh	0830	255	1015.4	1006·1	...	66·5	60·9	58·0	15·9	74	...	0·3	...	0	0	0	0	0	0	0	0	0	0	0	0	30
	1730	,,	1012·3	1003.3	...	74·3	67·3	62·4	19·4	68	...	0·4	...	0·1	0	0	2	0	0	0	0	0	0	1	1	28
Banaras	0830	250	1016·3 (d)	1007.3 (d)	0	65·0	58·4	53·5	13·8	66	−2	0·3	−0·7	2·9	0	0	28	0	1	1	0	8	10	8	0	2
	1730	,,	1012·8	1004·1	...	76·7	63·6	53·6	14·2	45	...	0·8	...	2·1	0	0	28	2	0	3	0	0	0	13	10	2
Banaras (Babatpur Aerodrome)	0530	280	1014·6	1004·4	...	54·9	53·2	51·2	13·1	88	...	0·5	...	1·5	0	0	15	0	0	0	0	2	8	5	0	15
	0830	,,	1016·7	1006·7	...	68·5	59·7	52·9	13·3	57	...	0·8	...	3·6	0	0	29	3	2	1	0	1	9	7	6	1
	1130	,,	1015·8	1006·1	...	79·5	62·7	48·8	11·9	35	...	0·5	...	4·5	0	0	30	2	3	2	0	2	1	11	9	0
	1730	,,	1013.3	1003·4	...	78·0	63·4	52·2	13·5	41	...	0·5	...	2·1	0	0	20	3	1	1	0	0	1	10	4	10
	2330	,,	1015·3	1005·1	...	59·8	56·6	54·3	14·2	81	...	0·2	...	1·1	0	0	13	0	2	0	0	0	3	8	0	17
Allahabad (Bamrauli)	0230	322	1014·3	1002·7	...	58·3	54·8	51·6	13·1	79	...	0·2	...	1·5	0	0	17	3	0	0	0	2	5	6	1	13
	0530	,,	1014·7	1003·0	...	56·0	53·5	51·1	12.9	84	...	0·2	...	1·1	0	0	11	0	0	1	0	2	5	2	1	19
	0830	,,	1016·5	1005·2	+0·4	66·6	57·8	52·3	13·5	61	−6	0·4	−0·7	2·1	0	0	20	1	1	0	0	1	7	9	1	10
	1130	,,	1015·8	1004·7	...	80·2	63·1	48·8	12·1	34	...	0·3	...	4·7	0	0	30	5	3	1	2	1	3	10	5	0
	1730	,,	1013·3	1002·1	...	75·9	63·7	54·6	15·0	49	...	0·6	...	1·3	0	0	15	4	3	0	0	0	0	2	6	15
	2330	,,	1015·2	1003·7	...	61·9	56·5	51·7	13·1	70	...	0·3	...	1·5	0	0	16	3	0	1	1	3	4	3	1	14
Fatehpur	0830	375	1016·8	1003·5	.	66·5	58·7	52·1	13·1	61	+1	0	−1·0	0·5	0	0	7	0	0	0	0	0	0	5	2	23
	1730	,,	1012·8	999·8	..	76·5	63·8	54·3	14·7	47	...	0·2	...	0·1	0	0	1	0	0	0	0	0	0	0	1	29

(d) Mean of 27 days

rision 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, miles per hour.	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
., East—*contd.*																										
ada	0830	398	1016·4	1002·1	...	65·6	56·9	48·8	11·8	56	...	0	...	0·3	0	0	5	0	0	1	0	0	1	2	1	25
	1730	,,	1013·3	999·4	...	77·8	63·8	53·2	13·8	43	...	0·1	...	0·1	0	0	1	0	0	0	0	0	0	1	0	29
ai	0830	463	1017·3	1000·9	...	66·3	54·4	44·0	9·0	45	...	0·1	...	2·2	0	0	25	1	1	1	0	2	3	11	6	5
	1730	,,	1013·8	997·7	...	79·6	61·5	46·2	10·4	31	...	0·4	...	1·7	0	0	25	5	8	0	0	0	0	1	11	5
npur	0830	414	1016·6	1001·8	+0·4	65·9	57·0	48·2	15·0	54	−13	0	−0·5	0·7	0	0	7	0	0	1	0	0	2	2	2	23
	1730	,,	1013·2	998·9	...	76·5	63·6	54·0	14·5	40	...	0·2	...	0·7	0	0	6	0	0	1	0	0	0	3	2	24
cknow	0830	371	1016·6	1003·3	+0·4	64·0	57·5	52·4	13·3	64	−6	0	−0·8	0·4	0	0	6	1	3	1	0	0	0	1	0	24
	*1730	,,	1013·8	1000·8	...	74·3	63·9	57·1	15·3	57	...	0	...	0·2	0	0	3	0	1	0	0	0	0	1	1	26
cknow (Amausi Aero-rome).	0230	419	1014·4	999·5	...	54·7	52·5	50·2	12·6	86	...	0·1	...	2·3	0	0	16	1	1	0	1	0	1	4	8	14
	0530	,,	1014·6	999·3	...	51·9	50·5	48·7	11·8	89	...	0·1	...	1·4	0	0	12	0	2	0	0	0	4	0	6	18
	0830	,,	1016·5	1001·6	+0·3	65·7	57·8	50·7	12·9	59	+1	0·1	−0·7	2·9	0	0	21	0	2	2	1	0	3	5	8	9
	1130	,,	1015·8	1001·3	...	79·4	61·8	47·6	10·8	34	...	0·3	...	4·9	0	0	28	1	3	3	2	1	3	5	10	2
	1730	,,	1013·2	998·6	...	73·3	62·1	53·3	13·7	50	...	0·5	...	2·5	0	0	21	1	4	0	0	0	1	0	15	9
	2330	,,	1014·9	1000·4	...	57·3	54·3	51·2	12·9	81	...	0·3	...	1·6	0	0	10	0	1	1	0	0	2	2	4	20
ardoi	0830	467	1016·3	999·4	...	60·2	55·0	50·0	12·5	69	...	0	...	1·7	0	0	24	3	1	1	2	0	2	10	5	6
	1730	,,	1012·8	996·4	...	78·0	63·9	53·8	14·1	44	...	0·1	...	1·0	0	0	14	3	0	1	0	0	1	5	4	16
khimpur Kheri	0830	483	1015·9	999·3	...	64·1	58·5	53·8	14·4	70	...	0·2	...	0·6	0	0	8	2	0	1	2	0	0	2	1	22
	1730	,,	1013·1	996·3	...	73·6	63·4	55·8	15·4	55	...	0·3	...	0·1	0	0	1	0	0	0	0	0	0	0	1	29
hraich	0830	407	1016·6	1002·1	+0·8	66·8	60·1	54·5	14·6	68	−5	0·1	−0·5	0·9	0	0	13	1	1	1	2	3	2	1	2	17
	1730	,,	1012·9	998·1	...	76·9	63·7	55·9	14·7	45	...	0	...	0·3	0	0	4	0	0	0	0	0	1	0	3	26
., West ansi	0830	823	1016·9	988·1	+0·3	71·5	57·0	43·5	9·5	37	−14	0	−0·8	0·7	0	0	9	0	0	1	0	0	0	7	1	21
	1730	,,	1012·5	984·4	...	78·6	61·5	42·8	11·0	26	...	0·1	...	0·3	0	0	5	1	1	0	0	0	0	1	2	25
ra	0830	553	1017·1	997·2	+0·5	60·5	51·7	41·7	9·2	51	−3	0	−0·8	0·1	0	0	2	0	0	0	0	0	0	2	0	28
	1730	,,	1013·3	994·3	...	81·5	60·9	39·5	9·1	24	...	0·3	...	0·4	0	0	6	0	0	0	0	0	0	5	1	24
ainpuri	0830	516	1016·8	998·3	+0·5	61·9	53·7	45·4	10·5	55	−6	0·3	−0·5	0·5	0	0	7	0	0	0	1	0	1	3	2	23
	1730	,,	1013·4	995·5	...	77·8	63·3	51·6	13·5	41	...	0·5	...	0·2	0	0	3	0	0	0	0	0	1	1	1	27
igarh	0830	615	1016·6	994·3	...	62·0	52·8	42·7	9·7	50	0	0·8	+0·2	0·3	0	0	4	0	0	0	0	0	0	4	0	26
	1730	,,	1013·2	992·1	...	78·1	61·8	47·2	11·5	34	...	0·6	...	0·4	0	0	4	0	0	0	0	0	0	4	0	26
reilly	0830	568	1016·2	995·9	0	63·3	56·0	49·1	12·2	60	−14	0·4	−0·3	0·3	0	0	4	0	0	1	0	0	0	1	2	26
	1730	,,	1012·8	993·1	...	76·4	61·1	47·6	11·6	37	...	1·0	...	0·1	0	0	1	0	0	0	0	0	0	1	0	29
reilly (P. B. O.)	0230	565	1014·2	993·9	...	59·5	55·1	51·4	13·0	75	...	0·3	...	1·9	0	0	13	1	6	2	0	0	0	1	3	17
	0530	,,	1014·3	993·9	...	56·4	53·4	50·7	12·8	82	...	0·3	...	2·1	0	0	20	2	6	1	0	0	0	4	7	10
	1130	,,	1015·7	996·2	...	76·7	61·1	48·1	12·0	38	...	0·4	...	3·5	0	0	28	1	2	4	2	0	1	9	9	2
	2330	,,	1015·2	995·0	...	62·3	56·7	52·2	13·5	70	...	0·1	...	1·5	0	0	12	2	4	3	0	0	0	3	0	18
erut	0830	728	1016·6	990·5	+0·3	60·2	52·9	45 0	10·3	59	−10	0·5	−0·1	1·3	0	0	18	0	1	3	1	0	1	7	5	12
jibabad	0830	885	1016·5	985·3	...	59·0	53·8	48·7	11·8	70	...	0·2	...	1·5	0	0	19	0	3	0	8	0	0	0	8	11
	1730	,,	1013·8	983·1	...	73·7	62·0	52·7	14·9	49	...	0·3	...	0·4	0	0	5	0	0	0	0	0	0	0	5	25
orkee	0830	899	1016·7	984·5	+0·1	58·5	53·2	48·1	11·8	69	−7	1·3	+0·6	0·3	0	0	5	0	0	0	2	0	0	0	3	25
	1730	,,	1012·7	981·6	...	73·8	60·5	48·7	12·2	42	...	1·3	...	0·5	0	0	8	0	0	0	0	0	0	0	8	22
hra Dun	0530	2,239	908·7	937·1	...	52·7	48·8	44·5	10·2	76	...	0·4	...	1 5	0	0	14	7	5	0	0	0	0	1	1	16
	0830	,,	902·9	938·9	+0·4	59·1	52·7	48·8	10·9	64	−8	0·6	−0·5	1·0	0	0	15	3	0	0	0	0	1	7	4	15
	1130	,,	904·1	939·1	...	72·7	57·8	45·2	10·4	38	...	0·5	...	2·9	0	0	28	0	0	1	2	3	15	6	1	2
	1730	,,	901·7	937·0	...	67·7	60·0	57·8	14·7	62	...	0·9	...	0·2	0	0	3	1	0	0	0	0	0	2	0	27
	2330	,,	902·3	938·3	...	58·5	52·1	46·2	10·7	64	...	0·2	...	3·8	0	0	28	7	20	1	0	0	0	0	0	2
ab (I) w Delhi	0230	710	1015·0	989·4	...	56·6	45·0	42·2	5·1	59	...	0·4	...	1·9	0	0	14	1	0	0	1	0	0	7	5	16
	0530	,,	1015·1	989·4	...	54·2	48·2	40·5	8·7	61	...	0·2	...	1·8	0	0	14	0	0	0	0	0	2	10	4	16
	0830	,,	1016·7	991·2	+0·3	62·1	51·9	40·6	8·5	46	−4	0·8	+0·2	3·9	0	1	19	0	0	0	1	0	5	11	3	10
	1130	,,	1016 0	991·3	...	78·3	59·6	42·1	8·8	28	...	0·7	...	5 0	0	1	26	1	2	1	2	0	3	8	10	3
	1730	,,	1013·3	988·6	...	76·1	60·2	45·9	10·5	35	...	0 9	...	2·9	0	0	21	2	3	0	0	0	0	2	14	9
	2330	,,	1015·6	990·1	...	59·7	51·5	43·4	9·5	56	...	0·2	...	1·3	0	0	10	1	0	0	1	0	0	5	3	20
sar	0530	725	1015·9	989·5	...	52·4	48·2	43·3	9·4	71	...	0·6	...	1·7	0	0	20	1	3	4	0	0	0	7	5	10
	0830	,,	1017·4	991·2	+0·5	56·8	50·6	43·8	10 9	62	+8	0·7	+0·1	2·1	0	0	24	1	3	2	2	2	7	5	2	6
	1130	,,	1016·6	991·5	...	79·1	63·3	50·7	12 8	38	...	1·0	...	3·7	0	0	28	2	2	1	3	1	6	4	9	2
	1730	,,	1013·8	988·8	...	80·2	64·0	49·6	13·5	37	..	0·7	..	2·0	0	0	20	4	2	1	1	1	0	5	6	10
	2330	,,	1016·1	990·1	...	60·2	52·7	44·9	11·1	58	...	0·9	..	1·5	0	0	16	2	5	1	1	0	0	4	3	14
rnal	0830	818	1016·7	987·3	...	57·4	51·0	44·2	9·9	62	...	1·2	...	1·4	0	0	15	1	1	0	0	0	0	7	6	15
	1730	,,	1013·7	985·3	...	77·1	59·8	42·9	9 8	31	..	0·8	...	1·1	0	0	11	0	0	0	0	0	2	5	4	19
bala	0830	892	1016·6	984·5	+0·1	55·9	50·9	45·7	10·5	69	+6	0·8	−0·2	1·5	0	0	17	5	1	4	1	0	0	2	4	13
	1730	,,	1012·7	981·9	...	75·9	63·8	54·0	15·0	50	...	1·1	...	1·9	0	0	21	1	0	0	1	1	0	4	14	9

*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).		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 miles per hour.	39 or more.	13 to 38.	1 to 12.	Wind direction.								
																		N	NE	E	SE	S	SW	W	NW	Ca
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	2
Punjab (I)—*contd.*																										
Ambala (P. B. O.)	0230	906	1014·8	982·5	...	59·7	51·9	45·0	9·9	59	...	0·8	...	3·3	0	0	22	3	0	4	1	0	0	1	13	
	0530	"	1014·8	982·3	...	56·8	50·4	44·2	10·5	64	...	0·9	...	2·6	0	0	19	2	0	3	1	0	0	0	13	1
	1130	"	1016·1	984·5	...	72·9	57·9	46·0	9·7	39	...	1·1	...	3·6	0	0	24	2	0	5	4	0	0	1	12	
	2330	"	1015·6	983·5	...	62·7	53·6	45·9	10·2	55	...	0·3	...	2·5	0	0	19	1	0	4	0	0	0	0	14	1
Patiala	0830	822	1016·6	987·1	...	59·6	51·7	43·0	9·7	55	...	1·4	...	1·9	0	0	19	2	4	0	3	0	0	0	10	1
	1730	"	1013·3	984·8	...	74·3	59·4	45·4	10·3	37	...	2·4	...	1·9	0	0	18	1	0	0	1	0	0	0	16	1
Ludhiana	0830	810	1016·2	987·1	−0·3	55·2	49·8	44·1	9·7	65	+1	1·0	0	0·3	0	0	5	0	1	0	0	0	0	1	3	2
	1730	"	1013·4	985·7	...	77·5	65·3	57·2	15·7	56	...	1·2	..	0·2	0	0	3	0	0	0	0	0	0	2	1	2
Ferozepur	0830	657	1016·7	992·9	...	54·6	51·5	47·3	11·6	77	...	1·8	...	1·3	0	0	12	0	6	0	2	0	1	1	2	1
	1730	"	1013·6	990·5	...	76·2	64·8	56·6	15·5	52	...	2·7	...	0·2	0	0	3	1	1	0	0	0	0	0	1	2
Amritsar	0530	769	1015·8	987·8	...	48·1	46·3	44·0	9·9	84	...	0·9	...	3·4	0	0	21	3	7	4	1	0	0	4	2	
	0830	"	1017·0	989·2	...	54·4	50·2	45·6	10·3	72	...	1·5	...	3·3	0	1	17	0	2	6	1	0	1	4	4	1
	1130	"	1016·7	989·0	...	73·2	58·6	46·7	10·3	35	...	1·9	...	5·3	0	1	26	4	2	4	3	1	1	2	10	
	1730	"	1014·0	987·3	...	72·8	58·2	44·4	10·3	37	...	2·2	...	4·1	0	0	27	3	1	2	1	0	0	7	13	
Pathankot	0830	1,128	1016·7	976·4	...	57·8	51·3	44·2	10·1	62	...	1·7	...	2·1	0	0	27	0	3	22	1	1	0	0	0	
	1730	"	1014·4	975·2	...	70·8	59·8	49·7	12·7	48	...	4·0	...	0·7	0	0	10	0	1	0	0	0	0	9	0	2
Jammu & Kashmir																										
Srinagar	0830	5,205	803·7	848·3	+1·7	39·1	36·9	34·1	6·5	82	−2	3·4	+1·2	1·7	0	0	13	1	0	2	5	0	0	2	3	1
	1130	,,	805·1	848·5	...	51·7	44·6	37·6	7·1	58	...	3·6	...	2·7	0	0	20	5	1	1	4	2	1	0	6	1
	1730	,,	802·4	845·6	...	50·1	45·5	36·8	8·8	54	...	3·9	...	2·3	0	0	17	2	2	0	0	1	1	2	9	1
Gulmarg	0830	8,709	Closed during winter months																							
Dras (R)	0830	10,059																								
(R)	1730	...																								
Kargil (R)	0830	8,790																								
Leh	0530	11,529	713·3	669·7	...	22·1	16·6	1·3	1·5	37	...	2·5	...	3·3	0	0	23	0	22	1	0	0	0	0	0	7
	0830	"	713·5	669·1	0	29·4	21·5	1·0	1·5	27	−29	2·4	−0·2	0·3	0	0	3	0	1	0	0	1	1	0	0	2
	1730	"	710·2	667·2	...	37·8	28·6	7·9	2·7	26	...	3·1	...	3·4	0	0	21	1	0	0	1	2	11	2	4	
Skardu (R)	0830	7,505																								
(R)	1730	"																								
Gilgit (R)	0830	4,890																								
(R)	1730	"																								
Misgar (R)	0830	10,190																								
(R)	1730	"																								
Jammu	0830	...	...	...	...	60·8	51·6	41·2	8·9	49	−7	2·0	+1·0	5·7	...	...	...	7	22	0	0	0	0	0	1	
Rajasthan, West																										
Sri Ganganagar	0830	580	1017·2	995·8	...	59·6	50·6	40·4	8·5	51	−4	0·5	−0·1	1·9	0	0	26	0	5	4	7	2	5	1	2	
	1730	"	1013·2	993·2	...	80·4	62·7	47·7	11·5	33	...	0·6	...	1·1	0	0	17	2	2	0	1	0	1	5	6	1
Bikaner	0830	734	1016·6	991·1	+1·1	58·1	48·2	35·9	7·0	44	−1	0·5	−0·5	1·7	0	0	22	0	0	2	10	3	7	0	0	
	1730	"	1012·9	988·2	...	84·4	63·1	43·0	10·2	25	...	0·8	...	1·8	0	0	22	0	1	0	0	0	2	2	17	
Bikaner (P.B.O.)	0530	735	1015·8	989·1	...	53·2	48·7	43·9	9·7	70	...	0·4	...	0·4	0	0	3	0	0	0	0	3	0	0	0	2
	1130	"	1016·1	991·0	...	81·6	68·9	58·7	18·3	47	...	0·8	...	2·4	0	0	22	3	1	1	2	5	4	3	3	
	2330	"	1016·2	990·0	...	61·8	55·0	48·0	11·9	62	...	1·0	...	0·7	0	0	5	4	1	0	0	0	0	0	0	2
Jaisalmer	0830	793	1016·3	991·6	...	66·5	54·6	40·4	9·2	40	...	0·3	...	4·1	0	1	13	1	6	0	0	3	4	0	0	1
	1730	"	1012·1	985·0	...	85·3	63·1	43·2	9·8	24	...	0·6	...	8·8	0	8	16	6	4	0	0	0	5	3	6	
Jodhpur	0230	736	1015·1	989·0	...	65·1	51·8	35·9	7·2	35	...	0·4	...	3·8	0	0	22	1	17	0	0	0	1	3	0	
	0530	"	1015·4	989·1	...	60·6	49·5	36·0	7·2	41	...	0·4	...	3·5	0	0	20	1	17	0	0	0	0	2	0	1
	0830	"	1017·1	990·9	+2·1	64·9	52·0	36·2	7·4	35	−7	0·5	−0·5	2·5	0	0	18	1	15	1	0	0	0	1	0	1
	1130	"	1016·5	991·2	...	82·5	61·5	41·5	9·2	25	...	0·6	...	1·5	0	0	15	0	6	2	2	0	2	3	0	1
	1730	"	1013·2	988·1	...	85·1	62·6	42·1	9·2	23	...	0·7	...	1·8	0	0	16	1	9	0	0	0	2	3	1	1
	2330	"	1015·9	990·0	...	68·7	54·3	38·3	8·0	33	...	0·4	...	3·0	0	0	22	5	11	0	0	0	0	5	1	
Phalodi	0830	767	1016·8	989·3	...	61·5	52·4	41·9	9·5	49	...	0·6	...	4·0	0	0	27	2	0	1	5	7	9	3	0	3
	1730	"	1013·4	987·4	...	86·1	67·2	51·3	14·0	24	...	0·7	...	4·6	0	0	24	7	2	0	1	0	3	4	7	
Barmer	0530	638	1014·7	992 1	...	65·2	55·1	46·3	10·3	49	...	0·4	...	2·5	0	0	18	1	0	0	0	0	0	1	16	1
	0830	"	1016·6	994·0	+1·3	66·2	55·7	45·2	10·3	47	−2	0·9	−0·2	2·2	0	0	20	3	0	0	0	0	0	1	16	1
	1130	"	1016·3	994·4	...	82·1	62·3	44·9	10·2	28	...	0·7	...	3·3	0	0	25	5	7	2	1	2	3	1	4	
	1730	"	1012·9	991·2	...	86·4	64·3	45·6	10·8	25	...	1·1	...	1·6	0	0	15	3	4	1	2	0	2	1	2	1
	2330	"	1015·1	993·0	...	71·5	57·9	45·2	10·4	40	...	0·9	...	2·4	0	0	14	2	0	0	0	0	4	1	7	1

(R) Register not received

Division and station.	Hour of observation I.S.T.	Height of barometer cistern above mean sea leve 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, miles per hour.	Wind Speed (m.p.h.).			No. of observations.								
			At mean sea or nearest s. 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
sthan, East																										
ar	0830	1,419	1017·2	967·2	...	58·4	52·4	47·1	10·8	66	...	0·3	...	1·7	0	0	21	0	0	8	7	3	3	0	0	9
	1730	"	1013·0	965·1	...	79·4	65·1	54·3	14·8	42	...	0·6	...	1·6	0	0	24	3	1	0	0	0	1	14	5	6
our	0830	1,431	1016·9	967·0	+0·1	67·7	55·2	42·5	9·3	40	−6	0	−0·7	2·2	0	0	18	5	4	5	1	1	0	0	2	12
	1130	"	1015·7	967·1	...	80·9	60·3	40·1	8·8	24	...	0·2	...	4·1	0	0	25	2	0	3	3	2	4	2	9	5
	1730	"	1013·1	964·5	...	79·8	61·9	46·5	10·8	31	...	0·6	...	1·7	0	0	21	5	0	1	0	1	0	2	12	9
ur (Sanganer Aerodrome)	0230	1,282	1015·3	969·8	...	59·0	50·3	40·0	8·5	49	...	0·4	...	2·1	0	0	11	2	3	3	0	0	0	0	3	19
	0530	"	1015·5	969·8	...	57·0	49·1	39·4	8·3	52	...	0·4	...	2·1	0	0	14	4	1	4	1	0	0	1	3	16
	0830		1016·3	971·7	...	65·7	53·7	43·0	9·3	44	...	0·4	...	2 8	0	0	15	3	2	4	2	0	0	1	3	15
	1130	"	1015·6	971·8	...	79·8	61·5	45·1	10·0	30	...	0·6	...	5·2	0	1	24	4	0	6	3	3	0	2	7	5
	1730	"	1013·0	969·2	...	81·7	61·1	44·7	10·0	31	...	0·9	...	2·6	0	0	17	4	2	1	0	1	0	2	7	13
	2330	"	1016·0	970·6	...	61·4	51·7	40·1	9·2	47	...	0·3	...	2·4	0	0	15	4	3	4	0	0	0	1	3	15
er	0830	1,593	1018·0	961·9	+0·6	61·4	51·9	42·9	9·5	51	0	0·3	−0·5	0·3	0	0	3	0	0	0	0	0	1	2	0	27
	1730	"	1013·4	959·3	...	78·2	57·8	38·5	7·9	25	...	0·5	...	0·5	0	0	8	2	1	0	0	0	1	2	2	22
ah	0530	843	1015·1	985·1	...	60·7	52·8	44·9	10·2	57	...	0·2	...	0·1	0	0	2	0	0	0	0	0	0	1	1	28
	0830	"	1017·2	987·5	+0·7	66·6	54·9	43·0	9·5	43	−6	0·2	−0·8	0·2	0	0	3	0	0	0	0	0	1	2	0	27
	1130	"	1016·0	987·1	...	82·6	61·2	40·9	8·7	24	...	0·2	...	0·9	0	0	10	0	0	2	2	0	1	3	2	20
	1730	"	1013·0	984·3	...	83·7	62·3	43·7	9·4	25	..	0·2	...	0	0	0	0	0	0	0	0	0	0	0	0	30
	2330	"	1015·4	985·7	...	66·7	55·7	45·1	10·2	46	..	0·2	...	0·5	0	0	6	0	0	1	0	0	1	2	2	24
awar	0830	1,053	1017·4	980·0	+1·2	61·6	51·9	41·5	8·8	47	−12	0·1	−0·9	0·1	0	0	1	1	0	0	0	0	0	0	0	29
	1730	"	1012·4	976·7	...	83·6	60·3	36·7	7·4	19	...	0·2	...	1·3	0	0	15	5	8	1	0	0	0	1	0	15
ipur	0230	1,910	900·9	949·5	...	54·8	49·9	45·3	10·2	71	...	0·2	...	0·3	0	0	3	1	1	0	0	0	0	0	1	27
	0530	"	900·5	949·4	...	52·1	48·3	44·3	10·0	75	...	0 3	...	0·4	0	0	5	0	0	0	0	0	1	1	3	25
	0830	"	902·9	950·9	+0·3	62·0	53·5	45·9	10·2	56	0	0·4	−0·1	0	0	0	1	1	0	0	0	0	0	0	0	29
	1130	"	905·1	951·4	...	80·9	60·7	43·8	10·2	28	...	0·3	...	2·4	0	0	21	3	3	8	1	2	2	2	0	9
	1730	"	902·4	948·6	...	77·9	62·7	49·6	12 9	35	...	0·6	...	0·4	0	0	7	1	1	1	1	0	0	3	0	23
	2330	"	902·2	950·5	...	58·1	51·8	46·0	10·6	64	...	0·2	...	0·2	...	...	...	0	0	0	0	0	0	2	1	27
ya Bharat																										
ilior (P B. O.)	0230	688	1014·9	990·1	...	54·1	49·2	43·9	9·6	71	...	0·1	...	1·2	0	0	11	0	1	0	0	4	3	1	2	19
	0530	"	1015·3	990·3	...	51·1	47·5	43·3	9 5	78	...	0·1	...	0·7	0	0	7	1	0	0	1	2	3	0	0	23
	0830	"	1016·6	992·2	+0·6	67·0	55·9	45·0	10·3	46	−4	0·2	−0·6	0·5	0	0	5	2	0	0	0	0	2	0	1	25
	1130	"	1015·7	992·1	..	81·4	60·3	39·3	8·4	23	...	0·1	...	2·3	0	0	26	4	3	5	1	2	0	2	9	4
	1730	"	1013 2	989·4	...	78·1	61·1	46·0	10·8	33	...	0·5	...	1·3	0	0	20	13	3	0	0	0	0	1	3	10
	2330	"	1015·9	991·0	...	56·4	51·2	46·1	10 5	71	...	0·2	...	0·6	0	0	8	1	0	0	0	2	4	0	1	22
pur Kalan	0830	771	1016·8	989·5	...	66·0	55·3	44·4	10·1	47	...	0·2	...	0·4	0	0	6	0	0	0	3	2	1	0	0	24
	1730	"	1013·0	986·4	...	79·3	63·1	49·6	12·5	36	...	0·3	...	0·5	0	0	7	6	1	0	0	0	0	0	0	23
a	0530	1,571	1016·4	960·2	..	51·8	47·7	43·8	9·8	74	...	0·1	...	0·1	0	0	2	0	0	0	2	0	0	0	0	28
	0830	"	1016 6	961·9	+0·4	63·3	54·6	47·3	11·1	58	−2	0·3	−0·4	0·6	0	0	8	1	0	6	1	0	0	0	0	22
	1130	"	1015 3	962·2	..	81·9	62·3	47·3	11·2	30	...	0·1	...	3·1	0	0	30	1	7	5	5	0	1	2	9	0
	1730	"	1012 2	959·3	...	81·4	62·2	47 6	11·3	31	...	0·1	...	1·1	0	0	16	3	3	0	0	0	0	0	10	14
	2330	"	1016·9	961·3	...	58·3	51 4	45·3	10·3	62	...	0·3	...	0·2	0	0	3	2	0	0	0	0	0	0	1	27
auch	0830	1,626	1017·4	960·9	+0·8	66·4	52·5	38·1	7·7	36	−12	0·3	−0·7	1·7	0	0	18	0	14	0	0	0	1	1	2	12
	1730	"	1013·1	958·3	...	82·3	58·7	35·7	7·4	19	...	0·5	...	2·4	0	0	28	0	18	3	0	0	1	1	5	2
am	0830	1,596	1016·6	961·1	...	67·6	54·8	42·6	9·5	41	...	0·3	...	4·5	0	0	25	4	14	6	0	0	0	1	0	5
	1730	"	1012·1	958·5	...	83·1	62·9	46·7	11·6	29	...	0·4	...	4·5	0	0	26	5	16	2	0	0	0	1	2	4
re	0530	1,861	899·6	950·1	...	55·5	47·6	38·7	8·0	54	..	0·1	...	1·6	0	0	15	2	3	3	4	0	1	2	0	15
	0830	"	902·7	952·1	+0·3	67·4	54·1	41·4	9·1	39	−13	0·2	−1·0	3·6	0	0	24	3	4	5	7	2	0	1	2	6
	1130	"	904·0	952·0	..	81·2	58·5	36·8	7 6	21	...	0·2	...	7·5	0	0	28	0	10	11	4	1	0	1	1	2
	1730	"	901·3	949·4	...	79·9	58·7	39·3	8·4	24	...	0·5	..	4·7	0	0	28	6	15	3	0	0	0	2	2	2
	2330	"	901·3	951·2	...	61·8	51·1	39·6	8·6	45	...	0·1	...	2·4	0	0	16	4	2	3	4	2	1	0	0	14
al (Bairagarh)	0230	1,715	899·4	954·9	...	59·5	50·7	41·9	8·7	53	...	0·2	...	3·7	0	0	23	6	10	2	3	0	0	1	1	7
	0530	"	899·4	955·3	...	57·2	49·2	41·0	8·7	55	...	0·2	..	2·6	0	0	21	5	8	5	1	0	1	1	0	9
	0830	"	902·5	957·2	+0·4	68·5	55·2	42·9	9·5	40	−16	0·3	−1·1	3·0	0	0	17	1	5	6	3	1	0	0	1	13
	1130	"	903·4	957·0	...	80 5	60·2	43·2	9·6	27	...	0·2	...	8·7	0	1	29	5	6	10	6	0	0	0	3	0
	1730	"	900·9	954·4	..	79·6	59·6	42·4	9·4	27	...	0·5	...	6·0	0	0	29	7	15	2	0	0	0	0	5	1
	2330	"	900·8	956·1	...	63·4	52·6	42·1	12·9	46	...	0·2	...	3·8	0	0	22	4	10	4	2	1	0	0	1	8

.D.G.

TABLE III— SUMMARY OF OBSERVATIONS AT FIXED HOURS—NOVEMBER 1953.

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, miles per hour.	Wind Speed (m.p.h.).			No. of observations.									
			At mean sea or nearest s. 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																										
Nowgong	0830	750	1017·2	990·3	+0·3	60·0	52·4	44·4	10·3	57	−14	0·3	−0·9	1·8	0	0	24	1	0	0	0	8	13	0	2	6
	1730	"	1012·8	987·1	...	79·9	62·1	46·7	11·9	32	...	0·8	...	0·4	0	0	6	1	3	0	0	0	0	1	1	24
Sutna	0830	1,641	1016·9	980·0	+0·3	63·5	55·8	48·3	11·9	58	−4	0·3	−0·9	1·0	0	0	13	0	0	0	0	1	4	7	1	17
	1730	"	1012·5	976·8	...	77·3	62·5	50·5	12·7	40	...	0·4	...	1·5	0	0	21	4	2	1	0	0	0	2	12	9
Umaria	0830	1,506	1016·7	963·9	...	63·4	55·1	47·0	11·1	55	−7	0·9	−1·1	1·4	0	0	21	1	3	2	6	7	1	0	1	9
	1730	"	1012·3	961·0	...	72·8	63·0	53·9	15·2	47	...	0·5	...	0·7	0	0	11	3	5	1	0	0	1	1	0	19
Madhya Pradesh, East																										
Gondia	0830	1,026	1016·5	980·3	...	65·1	58·6	53·4	13·9	66	...	2·1	...	2·0	0	0	24	9	10	0	0	0	1	0	4	
	1730	"	1011·8	976·9	...	80·5	63·9	50·8	12·9	36	...	2·2	..	1·1	0	0	16	7	5	1	0	1	0	0	2	14
Pendra	0530	2,048	901·0	944·2	...	57·1	51·3	45·8	10·6	67	...	0·6	...	0·6	0	0	·9	8	1	0	0	0	0	0	0	23
	0830	"	903·7	946·1	+0·3	67·2	56·8	48·0	11·6	51	−11	1·5	−0 5	1·3	0	0	17	13	1	0	0	1	0	0	2	13
	1130	"	903·8	945·5	...	75·7	59·5	45·9	10·8	36	...	1·7	...	3·9	0	0	30	14	9	1	1	1	0	0	4	
	1730	"	901·4	943·2	...	72·4	59·5	49·2	12·1	45	...	1 6	...	1·5	0	0	18	13	4	0	0	0	0	0	1	11
	2330	"	902·1	945·0	...	61·2	53·4	46·7	10·8	59	...	0·3	...	0·9	0	0	12	7	0	0	0	0	1	0	4	11
Raigarh	0830	723	1016·1	990·7	...	68·7	61·1	55·1	15·0	62	...	1·8	...	1·5	0	0	16	3	13	0	0	0	0	0	0	10
	1730	"	1012·2	987·4	...	80·1	65·6	54·9	15·0	43	...	1·4	...	0·3	0	0	4	1	3	0	0	0	0	0	0	24
Ambikapur	0830	2,005	902·4	947·0	...	61·7	56·5	52·4	13·5	72	...	1·3	...	1·2	0	0	11	1	5	1	0	0	3	1	0	11
	1730	"	900·9	944·4	...	71·4	60·6	52:3	13·7	52	..	1·0	. .	5·1	0	0	28	24	4	0	0	0	0	0	0	
Champa	0830	805	1016·3	987·9	..	67·5	60·2	54·0	14 5	63	...	2·6	...	3·2	0	0	30	20	2	1	0	0	0	0	7	
	1730	"	1012·1	984·5	...	79·4	64·8	53·8	14·4	42	...	2·3	...	2·7	0	0	28	19	2	0	0	0	0	1	6	
Raipur	0530	979	1014·4	979·7	..	61·3	57·0	53·3	13·9	75	..	1·0	...	1·4	0	0	17	10	2	1	0	1	0	1	2	11
	0830	"	1016·2	981·9	+0·3	68·4	60·1	53·3	14·0	59	−6	1·8	+0·1	2·0	0	0	22	12	7	2	0	1	0	0	0	
	1130	"	1014·6	981·0	...	79·5	63·1	49·8	12·4	36	...	1·7	...	3·6	0	0	27	8	4	9	3	0	0	1	2	
	1730	"	1012·0	978·5	...	78·6	63·7	52·1	13·4	40	..	2·0	...	0·9	0	0	13	2	5	3	2	1	0	0	0	11
	2330	"	1014·5	980·3	...	68·3	60·1	53·3	14·0	60	..	0·8	..	0·7	0	0	11	4	3	0	1	1	0	1	1	11
Kanker	0830	1,318	1016·3	970·3	+0·7	66·6	61·3	56·7	16·1	72	−4	1·9	−0·4	0	0	0	0	0	0	0	0	0	0	0	0	30
	1730	,,	1011·9	967·1	...	78·9	65·9	56·4	16·4	47	...	2·0	...	0·7	0	0	9	3	6	0	0	0	0	0	0	27
Chanda	0830	634	1016·0	993·5	+0·3	66·9	61·2	56·7	15·9	70	0	1·4	−0·7	0	0	0	0	0	0	0	0	0	0	0	0	30
	1730	"	1011·8	989·9	...	77·1	67·1	60·4	18·2	57	...	1·8	...	0	0	0	0	0	0	0	0	0	0	0	0	30
Sironcha	0830	405	1015·7	1001·3	...	68·9	64·7	61·9	19·0	79	...	2·5	...	1·6	0	0	20	8	7	0	0	1	1	1	2	11
	1730	"	1011·9	997·9	...	81·2	69·6	62·4	19·5	53	...	2·9	...	1·5	0	0	21	8	8	2	1	0	0	0	2	
Jagdalpur (P.B.O)	0530	1,813	899·1	950·9	...	58·7	57·9	56·9	16·2	94	...	2 1	...	1·2	0	0	11	1	1	1	1	0	1	1	5	11
	0830	"	901·7	952·9	+0·4	66·2	61·8	58·9	16·7	77	−2	3·5	+0·7	1·7	0	0	22	7	4	2	0	1	0	1	7	
	1130	"	902·0	952·0	...	77·6	65·2	57·1	16·2	50	...	3·3	...	3·8	0	0	28	8	13	5	0	0	0	0	2	
	1730	"	899·9	950·1	...	74·5	65·4	59·5	17·7	61	...	2·9	...	1·8	0	0	20	2	14	1	0	1	0	0	2	11
	2330	"	900·4	951·7	...	63·1	60 9	59·4	17·4	87	...	1·7	...	0·5	0	0	7	1	1	1	0	0	0	3	1	22
Madhya Pradesh, West																										
Buldhana	0830	2,133	903·9	942·9	...	71·5	58·9	49·0	11·9	45	...	0·7	...	2·5	0	0	30	2	2	2	16	2	3	0	3	
	1730	"	901·9	940·0	...	82·2	63·9	51·2	12·3	35	..	0 9	...	2·1	0	0	28	3	20	3	0	0	0	0	2	
Akola	0830	925	1016·3	983·7	+0·5	67·1	56 0	45·4	10·3	46	−11	1·0	−0·8	2·5	0	0	30	0	1	7	6	5	3	6	2	
	1130	,,	1014·5	983 0	...	83·3	63·1	45·5	10·7	27	...	0·8	...	4·7	0	1	27	1	4	10	6	0	0	3	4	
	1730	"	1011·4	980 2	...	86·1	63·4	43·6	9·7	24	...	0·4	...	3·7	0	0	30	8	6	8	2	1	0	0	5	
Akola (Aerodrome)	0530	1,015	1014·3	978·2	...	58 8	51·4	43·0	9·7	57	...	0·3	...	1·3	0	0	16	1	0	6	6	1	1	0	1	11
	2330	"	1014·4	978 8	...	67·0	55·3	43·7	9·7	43	...	0·5	...	2·1	0	0	22	0	4	9	7	1	1	0	0	
Amravati	0830	1,213	1016·1	973·9	+0·5	70·7	56·4	41·4	9·3	36	−14	0·8	−1·0	3·1	0	0	30	1	21	4	2	0	1	0	1	
	1730	"	1011·1	970·3	...	85·3	62 4	41·4	8·9	22	...	0·8	...	2·5	0	0	30	5	7	7	4	2	0	1	4	
Yeotmal	0830	1,481	1015·5	964 6	...	72·3	60 5	51·9	12·7	49	...	1·8	...	5·8	0	1	29	3	10	12	1	0	1	3	0	
	1730	"	1011·6	961·5	...	80·0	64·6	54·2	13·8	42	...	2·4	...	3·5	0	0	28	5	12	8	0	0	0	1	2	
Khandwa	0830	1,044	1016·2	979·3	+0·1	64·7	56·3	48·5	11·5	56	−2	0·3	−1·1	0·1	0	0	2	0	0	0	2	0	0	0	0	20
	1730	"	1011·1	975 9	...	84·7	68·1	56·2	15·9	39	...	0·5	...	3·9	0	0	27	8	16	2	0	0	0	1	0	
Hoshangabad	0830	992	1017·2	982 0	+0·2	62·7	54·8	46·4	11·1	56	−5	0·2	−1·2	1·7	0	0	21	0	6	12	3	0	0	0	0	
	1730	"	1012·0	978·2	...	81·6	62·8	47·1	10·2	30	...	0·4	...	0·3	0	0	5	1	2	1	1	0	0	0	0	20
Sagar	0830	1,808	902·7	953·9	+0·4	70·1	54·7	39·3	8·4	33	−14	0·2	−1·1	5·1	0	0	26	1	3	7	8	3	2	1	1	
	1730	"	900 7	951 2	...	76·3	57·4	39·9	8·5	27	...	0·3	...	5·7	0	0	28	12	8	3	2	0	0	0	3	
Jabalpur	0530	1,289	1016·1	969 8	...	52·1	49·9	47·7	11·3	85	...	0·1	...	1·5	0	0	12	0	0	1	11	0	0	0	0	18
	0830	"	1017·2	971·8	+0·8	64·1	55·8	48·2	11·5	56	−16	0·5	−0·8	2·3	0	0	21	0	1	3	11	4	0	1	1	
	1130	"	1014·9	971·0	...	80·3	62 1	46·9	10·9	32	...	0·4	...	4·0	0	0	25	2	7	2	2	2	5	1	4	
	1730	,,	1012·3	968·4	...	78·5	63·2	50·8	13·1	38	...	0·5	...	1·8	0	0	15	2	10	2	1	0	0	0	0	19
	2330	"	1016·0	970·2	...	58·3	54·2	50·5	12·5	75	...	0	..	0·8	0	0	8	0	1	0	7	0	0	0	0	24

vision 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 mb.	Relative humidity %.		Cloud amount (Oktas).		Mean wind speed, miles per hour.	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
a Pradesh, West—*contd.*																										
lla	0830	1,452	1017·8	966·3	...	57·1	53·8	50·9	12·2	81	..	1·0	...	0·5	0	0	7	5	0	0	0	0	0	0	2	23
	1730	"	1012·2	962 6	...	75·5	63·3	54·3	14·4	46	...	1·2	...	1·3	0	0	14	5	3	2	0	0	0	0	4	16
	0830	2,027	902·8	946·1	0	65·2	54·6	45·1	9·8	49	−8	0·6	0 9	0·8	0	0	12	10	2	0	0	0	0	0	0	18
	1730	"	901·0	943·2	...	77·4	58·8	42·5	8·5	29	...	0·5	...	2·2	0	0	28	7	14	7	0	0	0	0	0	2
idwara	0830	2,248	903·9	939·3	...	64·1	53·9	44·5	10·2	49	...	0·6	...	0·5	0	0	6	2	3	1	0	0	0	0	0	24
	1730	"	902·0	936 3	...	78·5	58·2	39·9	8·5	25	...	0·8	...	2·2	0	0	23	7	11	1	0	0	0	1	3	7
	0830	2,144	903·5	942·7	...	65·0	54·3	44·8	10·1	49	...	0·4	...	1·5	0	0	19	0	0	13	6	0	0	0	0	11
	1730	"	901·7	939·9	...	76·9	59·0	43·9	9·6	31	...	0·1	..	3·3	0	0	30	9	15	0	0	0	0	0	6	0
ur	0230	1021	1014·7	978·4	...	59·9	54·2	48·0	11·8	65	...	0·3	...	1·2	0	0	16	2	2	0	0	0	0	1	11	14
	0530	"	1015·3	978·7	...	57·0	52·0	46·8	11·0	69	...	0·5	...	1·1	0	0	11	2	0	0	1	0	0	2	6	19
	0830	"	1016·8	981·0	+0·8	69·3	58·1	47·9	11·5	47	−9	0·8	1 2	2·2	0	0	20	14	5	1	0	0	0	0	10
	1130	"	1015·1	980·3	...	82·4	64·0	49·2	12·1	32	...	0·7	...	5·4	0	1	26	2	13	9	2	1	0	0	0	3
	1730	"	1012·3	977·4	...	80·6	63 9	51·0	12·8	36	...	1·7	...	1·7	0	0	18	0	5	11	1	0	0	1	0	12
	2330	"	1015·5	979·4	...	63·5	55·9	49·0	11·9	59	...	0·4	...	1·6	0	0	19	3	1	0	0	0	0	2	13	11
:																										
a	0830	444	1016·1	1000·4	+0·7	69·3	57 9	47·5	11·3	47	...	0 1	..	...	0	0	19	1	0	0	0	0	18	0	0	11
	1730	"	1012·4	997·2	...	87·2	66 1	49·3	12·4	28	...	0·3	...	...	0	0	15	5	1	0	0	1	6	0	2	15
	0530	39	1013·0	1011·6	...	66·4	60·1	54·9	14·9	67	...	0·2	...	3·3	0	0	25	4	5	11	5	0	0	0	0	5
	0830	"	1015·1	1013·7	+0·9	70·8	62·2	55·2	15·3	59	+1	0·4	1 0	3·7	0	0	28	3	7	11	7	0	0	0	0	2
	1130	"	1014 9	1013·6	...	89·6	70·2	57·8	16·5	35	...	0·3	...	6·5	0	0	30	3	8	14	3	0	0	0	2	0
	1730	"	1011·8	1010·5	...	90·5	72·1	61·0	18·5	38	...	0·3	...	2·9	0	0	27	0	7	3	2	0	3	3	9	3
	2330	"	1014·1	1012·7	...	73·0	63·9	57·1	16·2	59	..	0·1	...	4·0	0	0	28	12	12	0	0	0	1	0	3	2
labad	0230	182	1013·6	1007·2	...	63·0	56·0	49·8	12·2	62	...	0·1	..	2·5	0	0	20	3	11	3	1	0	0	1	1	10
	0530	"	1013·6	1007·1	..	59·9	54 2	48·7	11·8	67	.	0·1	..	3·4	0	0	27	2	13	6	1	0	1	0	4	3
	0830	"	1015·7	1009·3	+0·5	68·5	58·2	48·9	12·0	50	−5	0·4	0·5	5·2	0	0	24	1	7	16	0	0	0	0	0	6
	1130	"	1015·7	1009·5	...	84·8	64·8	48·9	12·0	30	...	0·4	...	7·9	0	0	30	3	3	14	9	0	0	0	1	0
	1730	"	1012·4	1006·3	...	87·2	65·3	47·6	11·4	26	...	0·4	...	3·8	0	0	27	7	6	9	2	0	0	0	3	3
	2330	"	1014·6	1008·2	...	66·0	57 7	50·4	12·5	58	...	0·3	..	1·7	0	0	16	3	8	0	1	0	1	1	2	14
	0830	1,093	1016·5	978·1	...	66·4	55·5	44·8	10·2	46	−18	0·3	1·2	2·8	0	0	25	1	10	9	2	3	0	0	0	5
	1730	,,	1011·6	974 9	...	87·1	64·4	45·0	10·5	24	...	0·1	...	4·0	0	0	27	1	13	2	0	1	4	6	0	3
	0530	115	1013·5	1009·3	...	57·6	55·3	52·9	13·9	85	...	0·2	...	0·9	0	0	10	4	5	0	0	0	0	0	1	20
	0830	"	1015·5	1011·3	...	66·0	59·4	53·8	14·4	65	+1	0·2	0·9	1·1	0	0	12	3	6	1	1	0	0	0	1	18
	1130	"	1015·4	1011·4	...	87·0	69·6	57·7	16·8	39	...	0	...	2·7	0	0	24	2	4	12	4	1	1	0	0	6
	1730	"	1012·1	1008 2	...	85·7	72·3	64·3	20·9	50	...	0·5	-	0·7	0	0	11	2	3	0	0	0	0	0	6	19
	2330	"	1014·3	1010·1	..	64·4	59·4	55·1	15·0	72	...	0·2	...	0·9	0	0	10	5	5	0	0	0	0	0	0	20
a (Aerodrome)	0530	124	1013 8	1009 3	...	61·2	54·4	47·5	11·4	61	...	0 3	..	3·0	0	0	28	3	12	3	4	2	0	0	4	2
	0830	"	1015·7	1011·3	...	70·0	58·7	48·6	11·8	47	...	0·1	...	2·7	0	0	26	12	8	2	3	1	0	0	0	4
	1730	"	1012·3	1008·1	..	87·5	64·8	45·7	10·7	24	...	0·4	.	4 1	0	0	27	10	7	2	1	0	0	2	5	3
	2330	"	1014·3	1009·9	...	69·4	58·2	47·6	11·5	47	...	0·3	...	3·4	0	0	28	5	9	1	2	0	2	0	9	2
a	0830	57	1014·8	1012·7	...	65·0	57·4	50·3	12·7	60	..	0·6	...	2·0	0	0	28	0	15	2	6	3	1	0	1	2
	1730	"	1011·1	1009·1	...	91·2	66·8	46·5	11·4	22	...	0·2	..	4·1	0	0	29	2	17	2	2	0	6	0	0	1
tra and Kutch																										
	0830	343	1016·3	1004·2	+1·1	68·0	60·9	54·9	15·1	65	+17	0·5	0·4	0·3	0	0	5	0	0	0	0	0	1	3	1	25
	1730	"	1013·1	1001·4	...	87·2	68·4	55·0	15·2	35	...	0	...	4·1	0	0	25	11	7	0	0	0	1	2	4	5
P B. O.)	0230	347	1014·2	1001·9	...	67·9	58·3	50·3	12·3	56	...	0·2	...	0·3	0	0	4	0	0	0	0	2	1	1	0	26
	0530	,,	1014·3	1002·0	...	65·8	57·5	50 6	12·4	60	...	0·1	...	0·1	0	0	2	0	1	0	0	1	0	0	0	28
	0830	"	1015·8	1003·5	...	68·8	60·2	53·7	14·0	60	...	1·0	..	0·3	0	0	2	0	0	0	0	0	1	1	0	28
	1130	"	1015·8	1003·9	...	83·3	63·7	49·8	11·3	33	...	0·4	...	4·5	0	0	28	4	14	3	0	0	2	2	3	2
	1730	"	1012·8	1001·0	...	85·8	62·8	45·6	9·2	25	...	0·6	..	3·2	0	0	24	10	9	0	0	1	2	1	1	6
	2330	"	1014·9	1002·7	...	70·8	58·9	49·3	11·7	48	...	0·2	...	0·5	0	0	6	0	1	0	0	1	4	0	0	24
a	0830	37	1015·9	1014·6	+1 0	74·1	67·9	63·9	20·6	71	+4	0·5	0·8	5·9	0	0	27	5	13	5	0	0	0	1	3	3
	1730	"	1013·4	1012·1	...	82·5	70·9	63·7	20·6	55	..	0·1	...	9·4	0	1	29	7	5	2	0	0	2	5	9	0
dar	0830	23	1015·0	1014·2	...	70·2	62·1	55·3	15·4	61	...	0·3	...	4·6 (b)	0	0	27	10	9	4	0	0	0	1	3	2
	1730	"	1012·3	1011·5	...	86·0	70 9	61·0	19·0	46	...	0·9	...	11·8	0	11	19	4	3	0	0	0	3	14	6	0
gar	0530	74	1014·1	1011·4	...	62·5	57·1	52·0	13·5	70	...	0·1	...	5·5	0	1	28	1	5	5	8	4	2	3	1	1
	0830	"	1016·0	1013 3	+1·1	68·8	60 8	53 8	14·6	61	−2	0·9	0	4·0	0	0	29	2	2	8	9	1	5	2	0	0
	1130	"	1016·3	1013·7	...	83 3	66·2	52·6	14·3	38	...	0·5	..	6·7	0	1	29	6	13	5	0	0	0	3	3	0
	1730	"	1012 8	1010·3	..	84·7	66·3	51·7	13·8	34	...	0·5	...	8·5	0	2	28	18	4	0	0	0	0	3	5	1

(b) Mean of 29 days.

TABLE III—SUMMARY OF OBSERVATIONS AT FIXED HOURS—NOVEMBER 1953.

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, miles per hour.	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
Saurashtra and Kutch—*contd.*																										
Rajkot	0830	432	1016·0	1000·7	+1·2	66·9	58·7	50·1	13·2	57	+6	0·6	−0·5	0·5	0	0	5	0	0	3	0	1	0	0	1	25
	1730	"	1012·3	997·7	...	89·1	63·8	40·1	8·8	19	...	0·6	...	2·7	0	0	26	7	12	4	0	0	0	0	3	4
Rajkot (Aerodrome)	0530	439	1014·1	998·5	...	62·7	56·2	49·8	12·5	64	...	0·5	...	4·4	0	0	30	2	7	8	4	3	3	2	1	0
	0830	"	1016 0	1000·5	...	69·6	61·3	53·8	14·8	60	...	0·7	...	3·7	0	0	25	3	7	5	2	1	1	3	3	5
	1130	"	1015·5	1000·5	...	86·5	68·7	56·0	15·9	37	...	0·2	...	8·6	0	0	30	4	16	5	1	0	0	0	4	0
Veraval	0230	26	1013·1	1012·2	...	66·3	59·0	52 6	13·8	63	...	0·1	...	6·8	0	1	29	7	19	0	0	0	0	0	4	0
	0530	"	1013·0	1012·1	...	64·6	56·4	48·1	11·9	57	...	0 1	...	7·4	0	0	30	10	19	0	0	0	0	0	1	0
	0830	"	1015·0	1014·1	+1·0	72·3	60·1	48·3	12·3	46	−6	0·7	−0·4	7·8	0	1	28	6	22	1	0	0	0	0	0	1
	1130	"	1015·1	1014·2	...	88·9	66·9	48·6	12·6	29	...	0·5	..	9·9	0	7	23	1	9	6	2	2	4	3	3	0
	1730	"	1012·3	1011·4	...	82·5	73·0	67·9	23·5	62	...	0 4	...	10·1	0	8	22	0	0	0	0	8	6	9	7	0
	2330	"	1014·4	1013·5	...	70·0	63·7	59·1	17·3	69	...	0	...	6·3	0	1	29	9	14	2	0	0	0	0	5	0
Mahuva	0930	51	1014·2	1012·4	...	71·8	60·7	51·4	13·2	49	...	0·3	...	4·3	0	0	24	11	10	0	0	0	0	0	3	0
	1730	"	1011·6	1009·8	...	86·8	70·1	58·4	17·5	41	...	0·3	...	8·5	0	1	29	0	3	3	20	4	0	0	0	0
Bhavnagar	0830	55	1016·0	1014·0	+1·3	64·7	54·9	44·3	10·3	48	−1	0·1	−1·4	2·0	0	0	21	0	0	0	0	0	5	15	1	9
	1730	"	1012·5	1010·6	...	88·4	65·5	46·5	11·1	24	...	0·2	...	3·2	0	0	29	3	15	9	2	0	0	0	0	0
Bhavnagar (Aerodrome)	0830	35	1015·5	1014·2	...	69·7	58·1	47·2	11·3	45	...	0·2	...	4·9	0	0	25	6	1	0	0	0	0	5	13	1
	1130	"	1015·5	1014·3	..	82·5	66·0	53·8	14·4	38	...	0 3	...	7·3	0	0	30	0	18	12	0	0	0	0	0	0
Konkan																										
Dahanu	0830	15	1014·0	1013·5	...	72·5	66·8	61·4	18·7	69	...	0·8	...	5·8	0	0	30	1	1	14	14	0	0	0	0	1
	1730	"	1011·4	1010·9	...	82·7	76·4	73·2	28·2	74	...	0·3	...	12·1	0	12	18	17	0	0	0	0	0	1	12	1
Bombay (Colaba)	0830	35	1014·2	1013·0	+0·9	78·2	70·6	66·3	22·2	67	−6	0·6	−1·2	5·4	0	0	28	3	7	17	1	0	0	0	0	
	1130	"	1014·1	1012·9	...	85·6	72·8	65·4	20·7	52	...	0·5	...	3·1	0	0	23	0	8	11	2	0	0	0	2	
	1730	"	1011·3	1010·1	...	83·0	74·1	69·4	24·7	64	...	0·8	...	6·7	0	0	29	2	0	0	0	0	0	5	22	
Bombay (Santa Cruz Aerodrome)	0230	27	1012·1	1011·3	...	68·8	64·7	62·0	19·1	79	...	0·2	...	2·0	0	0	17	5	7	4	1	0	0	0	0	1
	0530	"	1012·1	1011·2	...	67·7	63·5	60·3	18·2	78	...	0·1	...	2·6	0	0	17	1	8	3	4	1	0	0	0	1
	0830	"	1014·3	1013·5	+1·1	76·4	66·3	59·5	17·5	58	−2	0·8	−1·0	2·9	0	1	16	0	8	6	3	0	0	0	0	1
	1130	"	1014·3	1013 4	...	87·7	68·9	55·6	15·6	35	...	0·9	...	6·5	0	0	29	1	7	15	3	1	0	0	2	
	1730	"	1011·3	1010·5	...	85·4	71·7	63·8	20·4	49	...	0·9	...	11·3	0	8	22	6	0	0	6	0	0	0	24	
	2330	"	1013·5	1012·6	...	72·1	66·2	62·4	19·3	72	...	0·1	...	1·1	0	0	10	2	5	1	1	0	0	0	1	
Alibag	0830	23	1014·1	1013·3	+1·0	75·8	68·2	63·3	20·1	66	−1	0 6	−1·7	3·3	0	0	27	2	7	12	4	1	0	1	0	
Harnai	0830	66	1013·6	1011·3	...	79·9	68·1	60·2	18·1	53	...	1·0	...	7·5	0	7	18	5	7	7	2	0	0	2	2	
	1730	"	1010·8	1008 5	...	84·1	74·6	69·8	25·0	63	...	0·9	...	12·0	0	10	20	4	0	0	0	0	0	6	20	
Ratnagiri	0830	116	1013·5	1009·4	+0·7	76·7	67·8	61·5	19·2	62	...	1·9	...	...	0	3	27	0	6	24	0	0	0	0	0	
	1730	"	1010·5	1006·5	...	84·6	74·6	68·7	24·7	61	...	2·1	...	...	0	0	30	0	0	0	0	0	0	29	1	
Devgad	0830	117	1013·3	1009·3	...	76·3	68 9	64 3	20·7	68	...	1·8	...	6·2	0	0	30	0	7	21	2	0	0	0	0	
	1730	"	1010·2	1006 2	...	85·7	75·7	70·7	25 8	61	...	1·6	...	13·4	0	13	17	3	0	0	0	0	0	4	23	
Vengurla	0230	29	1011·4	1010·4	...	71·4	68·7	67·2	22·7	87	...	0·6	...	...	0	0	11	6	5	0	0	0	0	0	0	
	0530	"	1011·7	1010·7	...	69·6	66·8	64·9	21·2	86	...	0·7	...	...	0	0	5	3	2	0	0	0	0	0	0	
	0830	"	1013·8	1012·8	...	77·0	69·7	65·3	21·5	68	...	1 8	...	...	0	0	4	2	2	0	0	0	0	0	0	
	1130	"	1013·3	1012·3	...	88·9	72·2	61·8	19·4	42	...	1·7	...	...	0	0	19	4	4	8	0	0	1	1	1	
	1730	"	1010·5	1009·5	...	85·5	74·5	68·6	24 2	58	...	1·8	...	...	0	0	9	1	0	2	0	0	0	5	1	
	2330	"	1012·9	1011·9	...	73·7	70·5	68·7	24·1	85	...	0·7	...	...	0	0	4	2	1	0	0	0	0	0	1	
Marmagao	0830	202	1013·3	1006·3	+0·7	78·5	70·5	65·7	21·9	66	−3	1·9	−0·8	5·7	0	0	30	1	8	14	7	0	0	0	0	
	1730	"	1010·1	1003·2	...	84·1	74·1	68·9	24·2	61	...	2·5	...	6·2	0	0	30	0	0	0	0	0	7	16	7	
Karwar	0830	13	1013·1	1012·6	+0·7	76·4	70·8	67·6	23·3	75	...	1·1	...	...	0	0	3	0	2	0	0	1	0	0	0	
	1730	"	1009·8	1009·3	...	84·9	79·3	76 7	31·6	77	...	1·3	...	...	0	0	17	0	0	0	0	0	0	3	14	
Honavar	0830	85	1013·2	1010·3	...	77·3	69·8	65·4	21·5	68	...	2·8	...	3·7	0	0	27	0	3	23	1	0	0	0	0	
	1730	"	1009·7	1006·9	...	86 6	75·6	70·4	25 3	59	...	3·8	...	2·7	0	0	27	1	2	3	0	0	0	9	12	
Deccan (Deck)																										
Jalgaon	0830	660	1016 3	992·9	...	66·7	56·2	46·3	10 7	48	...	0·2	...	4·5	0	0	28	0	2	17	8	1	0	0	0	
	1730	"	1011·0	988 6	...	88·9	65 6	46·8	11·0	23	...	0·3	...	3·0	0	0	23	0	7	4	6	0	2	1	3	
Malegaon	0830	1,432	...	...	...	67·7	56·2	44·6	10 3	44	−14	0·2	−1·7	0·7	0	0	10	1	1	0	0	0	1	6	1	
	1730	"	...	...	...	85·5	62·8	42 0	9·3	23	...	0·4	...	1·2	0	0	17	1	14	1	0	0	0	0	1	
Deolali	0830	1,875	902·1	951·1	...	65·3	57·1	50·7	12 7	60	....	0·5	...	1·3	0	0	13	6	6	1	0	0	0	0	0	
Ahmednagar	0830	2,154	903·3	941·8	+0·3	68·4	56·8	47·0	11·1	47	−12	1·0	−0·8	1·9	0	0	24	1	6	0	4	0	1	0	12	
	1730	"	901·6	938·9	...	83·9	62·6	45·7	10·7	27	...	1·5	...	2·5	0	0	26	0	23	0	0	1	1	0	1	
Poona	0530	1,835	899·3	950·4	...	58·9	56·7	54·9	14·8	87	...	0·3	...	0·2	0	0	3	0	0	0	0	0	2	1	0	
	0830	"	902·0	952·5	+0·6	65·7	59·7	55·3	15·1	70	−3	0·7	−1·2	0·2	0	0	3	0	0	1	0	0	2	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, miles per hour.	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
an (Desh)—*contd.*																										
ona—*contd.*	1130	1,835	903·1	951·9	...	82·6	64·2	51·1	13·0	34	...	0·9	...	4·3	0	0	26	0	3	21	0	1	0	1	0	4
	1730	"	900·3	948·8	...	84·6	64·8	50·6	12·9	32	...	1·2	...	1·8	0	0	20	0	1	12	0	1	0	5	1	10
	2330	"	900·8	951·2	...	65·9	60·0	55·7	15·3	70	...	0·3	...	0·2	0	0	3	0	0	0	0	0	1	2	0	27
ona (Lohagaon Aerodrome)	0230	1,947	900·3	946·5	...	65·4	57·6	50·6	13·1	61	...	0·3	...	1·0	0	0	9	0	0	3	0	0	1	4	1	21
	0530	"	900·0	946·5	...	61·7	55·8	50·2	12·8	67	...	0·1	...	1·4	0	0	10	1	2	1	0	0	0	2	4	20
	0830	"	902·5	948·5	...	69·3	59·0	50·6	12·9	53	...	0·8	...	2·1	0	0	14	0	2	7	1	0	0	3	1	16
	1130	"	903·5	948·2	...	82·9	63·1	47·0	11·7	29	...	1·2	...	9·0	0	8	18	0	1	13	9	2	0	0	1	4
	1730	"	900·7	945·1	...	85·7	62·5	43·1	9·9	23	...	1·3	...	6·9	0	4	23	2	4	14	1	0	1	2	3	3
	2330	"	901·5	947·5	...	68·3	58·0	48·8	12·3	52	...	0·4	...	1·4	0	0	10	0	0	5	1	0	1	2	1	20
ur	0830	1,709	901·9	956·6	...	69·8	60·8	54·2	14·6	58	...	1·2	...	0·8	0	0	6	0	1	2	1	1	0	0	1	24
	1730	"	900·1	953·0	...	85·3	67·3	55·9	15·5	37	...	1·7	...	1·6	0	0	15	3	5	4	2	0	1	0	0	15
olapur	0530	1,570	1014·5	959·5	...	62·5	57·5	53·7	14·1	73	...	0·3	...	1·8	0	0	19	2	11	5	1	0	0	0	0	11
	0830	"	1015·2	961·2	+0·7	72·3	62·5	55·6	15·3	56	−1	0·6	−1·6	1·1	0	0	13	0	7	1	5	0	0	0	0	17
	1130	"	1013·6	960·7	...	82·5	65·8	54·7	14·9	40	...	1·5	...	4·0	0	0	22	1	6	9	4	1	1	0	0	8
	1730	"	1009·9	957·5	...	85·3	66·4	53·9	14·4	35	...	1·7	...	1·7	0	0	18	0	16	1	1	0	0	0	0	12
	2330	"	1014·2	960·0	...	69·5	60·0	53·0	13·9	56	...	0·6	...	1·8	0	0	16	1	8	5	2	0	0	0	0	14
iraj	0830	1,817	901·6	952·4	+0·4	68·4	61·3	56·4	15·6	67	+5	2·1	−0·7	2·9	0	0	17	1	4	8	2	0	0	1	1	13
	1730	"	899·8	948·9	...	84·1	66·1	54·4	14·6	37	...	2·5	...	4·3	0	0	27	2	13	11	1	0	0	0	0	3
olhapur	0530	1,870	899·5	948·7	...	63 3	59·0	55·3	15·3	77	...	0 3	...	2·5	0	0	18	0	6	3	2	1	2	3	1	12
	0830	"	901·9	950·7	..	67·9	61·1	56·2	15·6	68	...	1·9	...	2·6	0	0	17	0	8	8	0	0	0	1	0	13
	1130	"	902·5	950·2	...	80·2	65·0	54·6	14·9	43	...	1·5	...	9·9	0	8	20	0	9	16	2	1	0	0	0	2
	1730	"	900·0	947·2	...	84·2	64·6	50·5	12·8	32	...	2·1	...	4·5	0	0	24	0	12	8	1	0	0	3	0	6
japur	0830	1,950	902·5	948·1	+0·5	71·7	61·5	54·4	14·5	55	−7	1·4	−1·3	2·2	0	0	29	4	4	11	4	2	2	0	2	1
	1730	"	900·5	944·9	...	83·3	64·2	50·5	12·8	33	...	1·3	...	3·2	0	0	30	8	14	8	0	0	0	0	0	0
elgaum	0830	2,562	903·6	927·7	+0·7	66·2	61·0	57·0	16·2	74	+8	1·6	−1·2	0·9	0	0	10	0	0	5	0	4	1	0	0	20
	1730	"	902·1	925·4	...	81·0	64·0	50·6	13·5	35	...	3·0	...	2·0	0	0	25	4	0	7	1	7	4	1	1	5
elgaum (Sambre Aerodrome)	0530	2,497	901·7	928·0	...	63·8	58·8	55·0	14·9	74	...	1·3	...	3·3	0	1	20	1	4	12	2	1	0	1	0	9
	0830	"	903·4	929·5	...	70·8	62·6	56·7	16·1	63	...	2·1	...	7·9	0	10	13	2	6	10	4	0	0	0	1	7
	1130	"	903·6	929·4	...	78·4	64·1	53·9	14·6	44	...	2·6	...	13·6	0	17	13	3	10	14	1	2	0	0	0	0
	1730	"	901·5	927·1	...	79·9	63·7	52·0	13·6	39	...	2·4	...	6·8	0	2	27	6	12	9	1	0	0	1	0	1
adag	0830	2,131	903·1	941·9	+0·8	74·6	64·7	58·4	16·8	58	−7	3·3	+0 5	4·5	0	0	28	0	9	17	1	0	0	0	1	2
	1730	"	900·7	938·8	...	83·0	66·2	55·2	15·1	40	...	4·3	...	4·0	0	0	30	0	13	17	0	0	0	0	0	0
adag (P. B. O.)	0530	2,167	900·6	938·7	...	66·1	60·1	56·3	15·4	72	...	0·9	...	...	0	0	10	0	0	9	1	0	0	0	0	20
	0830	"	903·1	940·7	...	73·4	64·5	59·7	17·1	63	...	1·6	...	...	0	0	21	1	1	13	6	0	0	0	0	9
	1130	"	903·2	940·3	...	79·7	65·0	56·9	15·2	47	...	1·9	...	...	0	4	21	0	3	20	2	0	0	0	0	5
	1730	"	900·8	937·8	...	80·9	64·7	55·0	14·3	43	...	2·8	...	...	0	0	19	0	2	16	1	0	0	0	0	11
	2330	"	902·0	939·8	...	69 9	61·3	56·5	15·0	63	...	0·9	...	...	0	0	8	0	1	7	0	0	0	0	0	22
lerabad, North																										
urangabad	0830	1,905	903·0	950·6	+0·2	68·2	57·6	48·9	11·9	51	−3	0·5	−1·7	2·1	0	0	21	0	1	18	1	1	0	0	0	9
	1730	"	901·4	947·3	...	85·5	63·9	47·9	11·5	27	...	0·8	...	5·7	0	0	30	2	6	11	5	1	1	1	3	0
urangabad (Chikalthana Aerodrome).	0230	1,898	899·5	948·3	...	57·1	49·3	41·0	8·9	56	...	0·4	...	0·9	0	0	5	0	0	0	2	0	0	1	2	25
	0530	"	899·5	948·6	...	53·6	47·1	39·7	8·4	60	...	0·2	...	0·7	0	0	5	2	0	1	1	0	1	0	0	25
	0830	"	903·3	950·7	...	73·1	58·8	47·0	11·2	40	...	0·4	...	2·9	0	0	15	2	2	6	5	0	0	0	0	15
	1130	"	903·7	950·3	...	81·5	62·9	49·1	12·1	33	...	0·6	...	6·5	0	0	29	1	4	9	12	1	0	0	2	1
	1730	"	901·1	947·4	...	83·1	62·5	46·1	11·0	28	...	0·5	...	4·5	0	0	23	4	6	4	6	0	0	1	2	7
	2330	"	901·0	949·5	.	60·2	51·0	41·6	9·0	51	...	0·4	...	1·5	0	0	8	2	1	0	1	0	0	2	2	22
arbhani	0830	1,389	1016·2	967·9	...	69·6	58·6	49·0	11·9	48	...	1·0	...	0·7	0	0	7	0	5	0	2	0	0	0	0	23
	1730	"	1011·1	964·4	...	83·2	64·4	48·9	12·1	32	...	1·3	..	1·5	0	0	17	0	4	1	2	0	0	0	0	13
amagundam	0830	513	1015·1	996·7	...	71·6	64·9	60·2	18·0	68	...	2·1	...	1·8	0	0	20	10	1	1	0	0	0	0	8	10
	1730	"	1010·8	993·3	...	83·9	68·0	56 9	16·2	40	...	3·6	..	3·5	0	0	27	10	13	3	0	0	0	0	1	3
lzamabad	0830	1,250	1015·3	972·1	+0·8	72·9	64·4	58·3	16·8	61	−7	2·0	−0·2	0 1	0	0	1	0	0	0	0	0	0	0	1	29
	1730	"	1011·1	968 8	...	81·3	65·5	53·3	14·3	39	...	2·1	...	1·3	0	0	18	1	17	0	0	0	0	0	0	12
idar	0830	2,178	903·3	940·6	...	70·8	61·8	55 3	15·2	59	−1	1·8	−0·7	7·0	0	3	23	4	13	5	3	1	0	0	0	4
	1730	"	901·1	937·8	...	78·3	62·8	52·7	13 2	42	...	2·7	...	6·1	0	1	29	4	22	3	0	0	0	0	1	0
lerabad, South																										
ulbarga	0830	1,503	1015·2	963·4	+0·6	71·2	62·7	57·0	16·0	61	0	1·3	−0·8	6·1	0	0	29	5	11	10	0	1	1	1	0	1
	1730	"	1010·1	959·8	...	84·3	65·1	51·3	13·3	33	...	2·2	...	7·3			28	6	9	15	0	0	0	0	0	0
aichur	0830	1,311	1014·6	969·4	+0 5	73·3	64·9	58·8	17·2	62	−3	2·1	−0·3	4·0		0	26	5	9	6	5	1	0	0	0	4
	1730	"	1010·1	966·1	...	84·1	65·7	51·7	13·3	33	...	3·7	...	6·2	0	0	30	4	13	10	3	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, miles per hour.	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, South—*contd.*																										
Mahbubnagar	0830	1,657	901·5	957·7	...	73·5	65·2	60·4	17·9	64	...	1·9	...	6·6	0	0	30	5	13	10	1	1	0	0	0	0
	1730	"	899·4	954·6	...	80·5	66·1	57·2	16·1	45	...	3·3	...	5·4	0	0	29	2	15	8	4	0	0	0	0	1
Hyderabad (Begumpet Aerodrome).	0230	1,787	899·1	951·6	...	62·0	59·4	57·7	16·3	86	...	1·3		2·1	0	0	14	9	2	2	0	0	0	0	1	16
	0530	"	899·2	951·9	...	59·8	58·3	57 3	16·0	91	...	1·8		1·9	0	0	15	9	3	1	0	0	0	0	2	15
	0830	"	902·2	953·9	+0·8	71·0	64·5	59·7	18·1	68	+3	2·7	−0·3	4·1	0	0	24	6	7	5	4	0	0	0	2	6
	1130	"	902·6	953·3	...	80·2	65·1	54·9	15·0	43	...	2·6	...	6·8	0	2	28	4	18	3	5	0	0	0	0	0
	1730	"	900·2	951·0	...	78·2	64·4	55·2	15·0	46	...	3·3	...	5·8	0	0	29	9	15	4	1	0	0	0	0	1
	2330	"	900·7	953·0	...	64·7	60·9	58·3	16·7	80	...	1·5	...	3·1	0	0	23	14	4	4	1	0	0	0	0	7
Hakimpet	0530	2,012	900·1	944·1	...	63·9	59·3	56·0	15·3	76	...	1·8	...	4·0	0	0	25	6	9	8	1	0	1	0	0	5
	0830	"	902·7	946·0	...	71·9	63·5	57·9	16·6	62	...	2·4	...	8·0	0	4	25	5	14	4	4	0	1	0	1	1
	1130	"	902·9	945·5	...	79·7	64·4	53·7	14·4	42	...	2·6	...	10·3	0	10	20	5	13	7	5	0	0	0	0	0
	1730	"	900·5	943·2	...	77·7	64·0	54·7	14·8	45	...	3·2	...	6·9	0	2	28	8	16	3	2	0	0	0	1	0
Hanamkonda	0830	881	1015·3	984·6	+0·3	71·8	65·9	62·1	19·1	72	+3	1·7	−1·4	4·3	0	0	23	17	2	1	0	2	1	0	0	7
	1730	"	1011·5	981·4	...	81·5	68·4	59·2	17·8	48	...	1·5	...	2·9	0	0	30	15	14	1	0	0	0	0	0	0
Bhadrachallam	0830	364	1014·8	1002·0	...	70·7	67·3	65·2	21·3	83	...	3·5	...	3·0	0	0	28	7	12	7	2	0	0	0	0	2
	1730	"	1011·0	998·5	...	81·9	70·8	65·0	20·7	57	...	2·8	...	2·8	0	0	26	5	16	3	0	0	0	0	2	4
Khammameth	0830	367	1014·9	1002·0	...	72·6	68·4	66·1	21·9	80	...	2·1	...	1·5	0	0	18	13	0	5	0	0	0	0	0	12
	1730	"	1011·1	998·5	...	83·2	72·1	65·7	21·9	57	...	2·8	..	1·4	0	0	20	5	6	9	0	0	0	0	0	10
Coastal Andhradesa																										
Nellore	0530	65	1011·8	1009·5	...	72·4	70·6	69·5	24·8	91	..	2·5	...	2·2	0	0	23	9	3	0	0	0	1	3	7	7
	0830	"	1013·9	1011·6	+0·6	76·5	72·4	70·3	25·4	82	−1	3·7	−1·3	3·5	0	0	29	2	3	0	1	0	0	1	22	1
	1130	"	1012·9	1010·7	...	84·2	74·3	69·2	24·5	61	...	4·1	...	4·3	0	0	28	8	6	3	1	0	0	0	10	2
	1730	"	1010·9	1008·6	...	81·3	74·1	70·5	25·5	70	..	3·7	...	4·6	0	0	30	4	19	2	1	0	0	0	4	0
	2330	"	1012·8	1010·5	...	74·4	71·9	70·9	25·6	88	...	1·5	...	1·1	0	0	10	2	4	0	0	0	0	0	4	20
Ongole	0830	38	1014·1	1012·8	...	77·4	71·9	68 9	24·3	76	...	2·9	...	4·8	0	0	27	4	11	0	0	0	0	12	3	
	1730	"	1010·8	1009·5	...	81·9	73·1	68·8	23·8	65	...	1·8	...	4·1	0	0	26	0	3	11	11	0	0	0	1	4
Gannavaram	0530	88	1012·3	1009·3	...	69·8	67·2	65·6	21·6	87	...	2·8	...	4·2	0	0	26	15	8	0	0	0	0	0	3	4
	0830	"	1014·4	1011·3	...	77·9	70 4	66·0	22·0	68	...	2·7	...	6·7	0	2	25	10	9	6	0	1	0	0	1	3
	1130	"	1013·5	1010·4	...	85·1	71·9	64·0	21·5	50	...	3·6	...	7·7	0	2	28	9	10	6	5	0	0	0	0	0
	1730	"	1011·0	1008·0	...	82·0	71·1	64 5	21·0	56	...	3.3	...	5·7	0	0	30	7	5	11	6	0	1	0	0	0
	2330	"	1013·4	1010·3	...	72·6	68·7	66·3	22·2	81	...	2·6	...	2·7	0	0	21	8	8	1	0	0	0	0	4	9
Masulipatam	0230	10	1011·5	1011·2	...	73·7	71·2	69·8	24·9	88	...	1·5	...	3·0	0	0	24	10	7	1	1	0	0	1	4	6
	0530	"	1011·9	1011·6	...	71·7	69·9	68·8	24·1	91	...	2·9	...	3·5	0	0	25	13	5	0	0	0	0	0	7	5
	0830	"	1014 0	1013·7	+0·1	77·2	72·0	69·0	24·5	77	−1	2·4	−0·7	4·4	0	0	28	13	8	2	1	0	0	1	3	2
	1130	"	1013·3	1013·0	...	83·0	73·4	68·3	23 8	62	...	3·1	...	6·3	0	0	30	5	4	13	3	0	0	0	5	0
	1730	"	1010·8	1010·5	..	81·8	74·1	70·0	25·3	68	...	2·4	...	4·8	0	0	29	3	2	9	13	0	0	0	2	1
	2330	"	1013·1	1012·8	...	75·7	72·1	70·0	25·3	83	...	1·3	...	1·7	0	0	17	6	5	1	1	0	0	0	4	13
Kakinada	0830	26	1014·3	1013·4	+0·3	79·7	72·3	68·2	23·7	69	−4	2·5	−1·1	5·3	0	0	30	0	15	0	0	0	0	0	15	0
	1730	"	1011·2	1010·3	...	81·0	73·9	70·2	25·4	71	...	2·3	...	6·2	0	1	28	0	12	1	14	0	0	1	1	1
Visakhapatnam	0230	11	1011·7	1011·3	...	72·6	69·5	66·9	23·2	83	...	2·3	...	1·9	0	1	7	2	3	1	0	0	0	1	1	22
	0530	"	1011·9	1011·5	...	70·9	68·0	66·3	22·1	86	...	2·7	..	1·8	0	0	9	3	3	1	0	0	1	0	1	21
	0830	"	1014·1	1013·7	−0·1	79·0	71·0	66·0	22·3	66	0	3·1	−0·6	4·1	0	1	15	5	6	1	0	0	0	2	2	14
	1130	"	1013·1	1012·7	...	84·7	72·0	63·0	21·1	51	...	3·4	...	6·5	0	1	24	4	11	4	3	2	0	0	1	5
	1730	"	1011·0	1010 6	...	80·5	71·7	66·7	22·5	64	...	3·5	...	5·9	0	0	26	1	4	9	10	1	1	0	0	4
	2330	"	1013·2	1012·8	..	74·3	70·1	67·7	23·2	81	...	2·5	...	2·1	0	0	12	3	3	2	1	0	0	0	3	18
Calingapatam	0830	19	1014·1	1013·4	−0·3	70·9	67·8	66·0	21·8	84	+5	4·3	+1·4	4.3	0	0	30	13	1	2	0	0	0	0	14	0
	1730	"	1011·2	1010·5	...	80·2	72·4	68·2	23·7	67		4·0	..	8·8	0	5	25	0	10	15	5	0	0	0	0	0
Rentachintala	0830	348	1014·7	1002·5	...	72·4	67·8	65·0	21·2	78	+6	2·5	−2·2	0·6	0	0	9	2	2	1	0	0	1	3	0	21
	1730	"	1010·8	999·0	...	85·1	69·5	59·3	17·6	43		8·3	...	1·6	0	0	21	18	0	3	0	0	0	0	0	9
Rayalaseema																										
Arogyavaram	0930	2,299	903·1	936·2	...	70·1	65·2	62·5	19·3	77	..	4·2	...	1·6	0	0	18	8	7	0	0	0	0	0	3	12
	1730	"	900·9	933·6	...	75·5	65·3	59·5	18·2	58	...	4·5	...	2·3	0	0	27	6	13	3	1	0	0	0	4	3
Cuddapah	0830	428	1014·4	999·6	+0·8	79·1	72·5	68·8	24·3	72	−4	3·2	−0·6	0·1	0	0	1	0	0	1	0		0	0	0	29
	1730	"	1010·7	996·1	...	84·5	74·4	69·1	24·5	61	..	3·4	..	0·2	0	0	3	0	0	3	0	0	0	0	0	27
Bellary	0830	1,473	1014·0	963·4	+0·2	73·1	64·5	58·6	16·8	61	−7	2·1	−1·4	1·6	0	0	20	2	0	2	5	1	3	0	7	10
	1730	"	1009·5	960·2	...	84·1	67·5	56·6	15·5	40	...	3 5	...	2·7	0	0	25	2	7	1	14	0	0	0	1	5

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, miles per hour.	Wind Speed (m.p.h.).			No. of observations Wind direction.								
			At mean sea or nearest s. 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
Nilaseema—*contd.*																										
Kmool	0830	923	1014·8	982·6	+0·6	70·7	65·9	62·7	19·6	76	+5	2·2	−0·8	0·7	0	0	4	0	1	3	0	0	0	0	0	26
	1730	"	1010·3	979·1	...	84·7	68·5	57·5	16·5	40	...	3·5	...	3·5	0	1	12	0	6	7	0	0	0	0	0	17
Kntapur	0530	1,147	1012·3	972·4	...	67·3	64·5	62·0	19·4	83	...	1·6	...	1·5	0	0	10	0	3	6	0	0	1	0	0	20
	0830	"	1014·0	974·5	...	73·8	66·7	62·0	19·2	67	...	1·9	...	2·2	0	0	17	1	5	7	2	0	1	0	1	13
	1130	"	1012·9	973·9	...	81·2	68·2	59·4	17·7	48	...	2·3	...	5·6	0	1	24	2	10	12	1	0	0	0	0	5
	1730	"	1009·7	971·0	...	83·5	68·3	58·2	16·8	43	...	3·2	...	5·2	0	0	29	0	17	12	0	0	0	0	0	1
	2330	"	1012·8	973·3	...	73·9	66·6	61·8	19·0	67	...	1·3	...	3·2	0	0	17	0	2	15	0	0	0	0	0	13
Cuddalore																										
Ayamcottai	0830	167	1013·0	1007·2	...	79·7	73·7	70·5	25·7	74	...	4·8	...	4·4	0	0	29	13	5	1	0	0	1	2	7	1
	1730	"	1009·6	1003·8	...	83·3	74·1	69·1	24·6	65	...	5·9	...	5·1	0	0	29	5	7	5	5	2	2	1	2	1
Aruban	0830	37	1012·7	1011·4	+0·8	80·7	75·5	73·1	27·8	79	−4	5·5	+1·5	8·3	0	4	25	9	9	1	1	2	1	3	3	1
	1730	"	1009·9	1008·6	...	81·2	75·6	72·9	27·8	76	...	4·7	...	9·8	0	7	23	6	16	1	3	1	1	0	2	0
Arthurai	0830	437	1013·1	998·0	+0·6	78·2	72·5	69·7	24·7	75	−5	4·9	−0·2	1·9	0	0	23	9	4	1	0	0	0	2	7	7
	1730	"	1009·5	994·6	...	82·3	73·7	69·2	24·5	66	...	5·1	...	1·5	0	0	20	3	11	4	1	0	0	0	1	10
Nagapattinam	0830	31	1013·0	1011·9	+0·8	78·7	74·2	72·1	26·9	80	−2	5·4	0	6·7	0	4	24	4	7	2	0	0	1	4	10	2
	1730	"	1010·1	1009·0	...	81·7	74·3	70·4	25·6	70	...	5·5	...	10·7	0	4	26	4	20	5	1	0	0	0	0	0
Nuchirapalli	0230	289	1011·0	1000·9	...	74·2	71·3	69·8	24·8	86	...	3·6	...	4·9	0	1	20	7	8	4	1	0	0	1	0	9
	0530	"	1011·4	1001·3	...	72·9	70·7	69·5	24·7	89	...	4·7	...	4·2	0	1	17	6	9	1	0	0	0	1	1	12
	0830	"	1013·3	1003·2	+0·4	77·1	72·6	70·2	25·3	79	−2	5·1	+0·6	5·7	0	2	24	8	10	0	0	1	0	4	3	4
	1130	"	1012·5	1002·6	...	82·7	73·7	69·0	24·3	64	...	5·6	...	8·3	0	5	25	4	13	4	0	1	0	5	3	0
	1730	"	1009·8	999·8	...	82·2	73·1	68·1	23·7	65	...	5·4	...	6·3	0	1	26	3	13	8	0	0	0	0	3	3
	2330	"	1012·7	1002·6	...	75·3	72·2	70·6	25·7	87	...	3·4	..	4·7	0	2	18	2	12	4	0	0	0	1	1	10
Coimbatore	0830	1,341	1014·0	968·1	+1·1	75·8	69·1	64·7	21·2	70	−12	5·3	+1·0	6·0	0	0	30	0	16	12	1	0	0	0	1	0
	1730	"	1009·8	964·7	...	82·1	69·9	62·3	19·5	53	...	5·5	...	6·1	0	0	30	0	17	10	2	0	1	0	0	0
Coimbatore (Peelamedu Aerodrome).	0530	1,307	1011·8	966·7	...	69·3	67·1	65·6	21·7	88	...	4·1	...	3·8	0	0	18	5	5	0	0	1	2	3	2	12
	0830	"	1013·4	968·6	...	75·1	69·4	65·9	22·7	74	..	5·2	...	4·7	0	0	22	2	12	5	0	0	1	2	0	8
	1130	"	1012·0	967·9	...	81·8	69·5	61·8	19·0	52	...	5·8	...	10·5	0	11	19	2	12	12	1	2	1	0	0	0
	1730	"	1009·2	965·2	...	81·6	69·2	61·2	18·7	52	...	5·5	...	7·3	0	2	26	1	10	9	1	3	4	0	0	2
	2330	"	1012·6	967·7	...	72·9	68·8	66·2	22·2	80	...	3·9	...	4·9	0	1	21	1	2	7	0	2	6	2	2	8
Cuddalore	0530	913	1011·7	979·9	...	69·8	67·2	65·6	21·6	87	...	3·2	...	2·2	0	0	21	0	20	0	0	0	1	0	0	9
	0830	"	1013·4	981·9	+0·5	74·3	68·9	65·7	21·7	75	−3	3·7	−0·5	2·1	0	0	20	1	12	0	0	0	0	7	0	10
	1130	"	1012·4	981·4	...	82·8	71·1	64·2	20·7	55	...	3·3	...	3·8	0	0	27	4	15	1	0	0	3	4	0	3
	1730	"	1009·2	978·3	...	83·0	71·3	64·5	20·9	55	...	4·1	...	2·3	0	0	21	1	11	7	0	0	0	1	1	9
	2330	"	1012·5	981·0	...	75·5	69·5	66·1	21·9	73	...	3·0	...	3·9	0	0	25	0	22	1	0	0	2	0	0	5
Dharmapuri	0830	416	1013·3	998·8	...	76·6	70·7	67·3	25·6	73	...	4·2	...	2·2	0	0	17	13	1	0	0	0	0	0	3	13
	1730	"	1009·8	995·5	...	82·1	71·6	65·3	21·7	59	...	4·4	...	1·8	0	0	17	14	1	0	2	0	0	0	0	13
Dindigal	0530	39	1011·1	1009·8	...	73·5	71·6	70·6	25·6	91	...	3·2	...	1·4	0	0	8	3	3	1	0	0	0	1	0	22
	0830	"	1013·3	1012·0	+0·7	78·2	73·5	71·3	27·5	80	−4	4·4	−0·5	3·6	0	0	26	5	13	0	0	1	2	2	3	4
	1130	"	1012·7	1011·3	...	83·1	74·0	69·2	24·6	64	...	4·8	...	6·1	0	1	29	9	14	1	2	0	0	1	3	0
	1730	"	1010·0	1008·7	...	81·5	73·9	69·8	25·2	69	...	5·2	...	4·7	0	0	30	7	16	3	4	0	0	0	0	0
	2330	"	1012·7	1011·4	...	76·8	72·5	70·4	26·1	81	...	2·0	...	2·4	0	0	15	4	9	0	2	0	0	0	0	15
Erode	0530	703	1012·1	987·5	...	68·5	66·9	66·0	21·8	92	...	4·6	...	1·1	0	0	9	5	1	1	0	0	0	0	2	21
	0830	"	1013·8	989·4	+0·9	73·9	69·2	66·5	22·2	78	−6	5·5	+1·4	1·5	0	0	20	5	1	1	0	0	1	4	8	10
	1130	"	1012·5	988·5	...	82·0	70·9	64·5	20·8	57	...	5·0	...	6·3	0	0	30	6	11	5	2	0	1	2	3	0
	1730	"	1010·2	986·2	...	81·7	70·3	63·4	20·2	55	...	4·8	...	6·9	0	0	30	5	13	9	2	0	0	0	1	0
	2330	"	1013·2	988·8	...	73·5	69·2	66·8	22·4	80	...	3·4	...	1·9	0	0	18	0	7	1	2	4	1	0	3	12
Madras	0230	51	1011·2	1009·4	...	74·4	72·8	72·0	26·9	92	...	2·8	...	3·3	0	0	24	4	3	0	0	0	0	9	8	6
	0530	"	1011·5	1009·7	...	73·7	72·3	71·5	26·4	93	...	4·0	...	4·1	0	1	23	6	2	0	0	0	0	11	5	6
	0830	"	1013·7	1011·9	+0·6	78·2	74·2	72·2	27·1	82	−1	4·8	0	6·0	0	2	27	13	2	0	0	0	1	7	6	1
	1130	"	1012·8	1011·0	...	82·7	74·7	70·9	25·8	68	..	5·4	...	10·3	0	8	22	13	10	0	1	0	0	2	4	0
	1730	"	1010·9	1009·2	...	80·8	74·4	71·3	26·1	73	...	4·9	...	7·6	0	2	27	13	10	4	1	0	0	0	1	1
	2330	51	1012·8	1011·0	...	75·9	73·2	72·0	26·7	88	...	3·0	...	4·1	0	2	21	12	4	0	1	0	0	3	3	7
Madras (Nungambakkam)	0830	21	1013·0	1012·3	...	78·7	73·5	70·6	25·8	77	..	4·9	...	3·5	0	0	25	6	8	0	0	0	1	4	6	5
Malabar and South Kanara																										
Mangalore	0230	72	1010·6	1008·1	...	76·8	73·8	72·0	27·1	86	...	2·8	...	4·3	0	0	30	0	6	24	0	0	0	0	0	0
	0530	"	1010·8	1008·3	...	74·5	71·8	70·5	25·5	87	...	3·0	...	4·1	0	0	27	0	0	27	0	0	0	0	0	3
	0830	"	1012·8	1010·3	+0·5	78·8	72·8	69·2	24·8	73	−2	3·8	+0·4	4·7	0	0	28	0	2	26	0	0	0	0	0	2
	1130	"	1012·4	1009·9	...	86·6	73·9	66·9	22·8	53	...	3·3	..	4·5	0	0	27	2	1	13	1	0	0	4	6	3
	1730	"	1009·7	1007·2	...	84·3	75·3	71·0	25·9	65	...	3·9	...	4·9	0	0	30	0	0	1	0	0	2	14	13	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).		Mean wind speed, miles per hour.	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
Malabar and South Kanara—contd.																										
Mangalore—*contd.*	2330	72	1012·0	1009·5	...	78·8	74·6	72·5	27·3	81	...	2·7	...	1·7	0	0	18	2	0	15	0	0	0	0	1	12
Kozhikode	0530	27	1010·3	1009·4	...	74·8	72·4	71·1	26·0	89	...	2·7	...	2·8	0	0	21	1	5	12	0	0	1	1	1	9
	0830	"	1012·3	1011·3	−0·1	79·0	74·7	72·4	27·4	81	−1	3·6	−0·6	3·0	0	0	29	1	15	12	1	0	0	0	0	1
	1130	"	1012·1	1011·2	...	86·6	79·5	76·1	31·5	72	...	3·8	...	3·8	0	0	30	0	0	1	0	1	11	13	4	0
	1730	"	1009·3	1008·4	...	85·3	80·6	78·7	28·4	81	...	4·1	...	4·9	0	0	30	1	1	0	0	0	7	13	8	0
	2330	"	1011·8	1010·9	...	78·9	75·6	74·0	28·9	85	...	2·6	...	1·9	0	0	16	2	3	5	0	0	0	5	1	14
Palghat	0830	319	1013·1	1002·0	...	79·0	72·8	69·6	24·7	73	...	3·3	...	6·4	0	1	29	0	0	25	2	0	0	3	0	0
	1730	"	1009·2	998·3	...	84·0	74·5	69·5	24·9	63	...	4·6	...	4·7	0	0	28	0	2	10	6	0	2	5	3	2
Mysore																										
Chitaldrug	0830	2,405	903·3	932·6	+1·1	71·8	63·7	58·4	16·9	62	−8	2·6	−1·3	2·6	0	0	21	0	1	18	0	0	0	1	1	9
	1730	"	900·7	929·5	...	79·8	64·4	54·2	14·4	43	...	2·9	...	1·2	0	0	16	0	2	14	0	0	0	0	0	14
Shimoga	0830	1,872	901·4	950·1	...	68·6	64·9	62·8	19·5	82	...	2·9	...	0·9	0	0	11	1	3	2	3	1	0	1	0	19
	1730	"	899·2	946·6	...	81·2	68·3	60·7	18·4	51	..	4·0	...	1·8	0	0	23	8	7	1	3	3	1	0	0	7
Hassan	0830	3,149	903·6	908·0	...	68·5	62·8	58·9	17·2	72	−4	3·3	−0·7	3·9	0	0	27	2	4	14	5	0	1	0	1	3
	1730	"	901·3	905·6	...	76·8	64·7	56·9	16·0	51	...	4·3	...	4·3	0	0	28	7	10	7	4	0	0	0	0	2
Bangalore (Central Observatory).	0230	3,021	901·7	910·4	...	63·4	61·0	59·5	17·4	87	...	1·9	...	4·4	0	0	26	2	11	12	1	0	0	0	0	4
	0830	"	908·9	912·5	+0·7	69·2	63·2	59·4	17·3	72	−6	4·2	−0·3	5·5	0	0	26	2	12	11	1	0	0	0	0	4
	1130	"	903·5	911·9	...	76·8	64·2	55·7	15·4	49	...	4·3	...	6·9	0	0	29	4	14	10	1	0	0	0	0	1
	1730	"	901·4	909·8	...	74·1	63·3	55·8	15·5	54	...	4·1	...	5·7	0	0	28	5	9	11	2	0	0	0	1	2
Bangalore (Aerodrome).	0530	2,942	902·0	913·3	...	62·6	60·8	59·5	17·5	90	...	2·1	...	2·2	0	0	16	3	4	6	0	1	0	1	1	14
	0830	"	904·1	915·3	...	70·3	63·9	59·8	17·7	70	...	3·9	...	5·2	0	1	23	3	4	12	4	0	0	0	1	6
	1130	"	903·6	914·6	...	78·7	65·3	56·5	15·9	47	...	3·9	...	8·2	0	3	27	6	7	15	1	0	0	1	0	0
	1730	"	901·6	912·6	...	76·3	64·7	57·2	16·2	53	...	4·3	...	5·4	0	0	28	7	7	8	4	2	0	0	0	2
	2330	"	903·5	914·8	...	66·4	62·5	59·9	17·7	80	...	1·7	...	4·3	0	0	26	3	9	13	1	0	0	0	0	4
Mysore	0830	2,518	903·1	928·6	+0·6	69·9	65·4	62·7	19·5	79	+2	3·8	−0·8	5·7	0	1	28	1	5	16	1	0	0	3	3	1
	1730	"	900·8	925·7	...	79·5	67·6	60·5	18·2	53	...	4·8	...	6·8	0	2	28	4	11	8	2	0	1	1	3	0
Balehonnur	0830	...	...	...	...	66·9	63·8	61·9	18·9	84	−1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Travancore-Cochin																										
Fort Cochin	0830	10	1012·5	1012·2	+0·4	81·0	75·3	73·2	27·4	76	−3	6·3	+2·3	3·3	0	0	27	1	12	10	1	0	1	1	1	3
	1730	"	1009·2	1008·9	...	82·9	76·3	73·2	28·0	73	...	6·4	...	6·3	0	1	27	0	0	0	1	0	6	14	7	2
Cochin (Willingdon Island Aerodrome).	0230	6	1010·2	1010·0	...	76·8	74·9	74·2	28·7	92	...	3·7	...	1·9	0	0	16	2	3	9	2	0	0	0	0	14
	0530	"	1010·7	1010·5	...	75·3	73·8	73·0	27·8	93	...	4·0	...	1·9	0	0	15	1	5	7	0	0	0	2	0	15
	0830	"	1012·5	1012·3	...	80·0	75·4	72·6	28·0	79	...	3·6	...	3·1	0	0	25	3	10	11	1	0	0	0	0	5
	1130	"	1011·8	1011·6	...	85·4	76·3	71·9	26·8	65	...	4·3		4·4	0	0	27	4	3	2	3	0	5	5	5	3
	1730	"	1009·2	1009·0	...	83·6	76·1	72·4	27·4	69	...	4·8		6·3	0	0	30	0	0	0	1	0	5	18	6	0
	2330	"	1011·8	1011·6	...	78·6	75·6	74·3	28·9	87	...	3·8	...	2·1	0	0	15	3	3	5	0	0	1	1	2	15
Alleppey	0830	12	1012·4	1012·0	...	82·6	77·6	75·2	30·1	79	...	5·0	...	10·2 (b)	0	1	29	0	12	11	3	1	1	1	1	0
	1730	"	1009·2	1008·8	...	83·7	77·1	74·0	28·8	73	...	5·7	...	14·1 (b)	0	18	12	1	0	0	0	0	2	17	10	0
Trivandrum	0230	211	1010·3	1003·0	...	75·9	74·4	73·6	28·4	93	...	3·8	...	3·0	0	0	29	9	12	4	1	0	0	0	3	1
	0530	"	1010·5	1003·1	...	74·7	73·4	72·6	27·5	94	...	3·8	...	3·1	0	0	28	8	13	3	2	0	0	0	2	2
	0830	"	1012·4	1005·1	+0·5	78·4	75·1	73·4	28·2	85	0	4·5	−0·5	3·0	0	0	30	1	18	2	5	0	0	0	4	0
	1130	"	1011·7	1004·5	...	84·2	76·4	72·7	27·5	69	...	5·3	...	4·5	0	0	30	0	3	0	2	0	13	3	9	0
	1730	"	1009·5	1002·2	...	82·1	76·1	73·3	28·0	75	...	5·6	...	4·5	0	0	30	2	1	0	0	3	8	8	8	0
	2330	"	1012·0	1004·7	...	77·2	75·2	74·2	28·9	90	...	3·9	...	3·1	0	0	26	11	6	4	3	0	0	1	1	4
Hill Stations excluding Kashmir—																										
Kohima	0830	4,614	...	...	...	62·7	...	...	...	...	...	3·2	...	2·5	0	0	26	0	3	3	13	3	0	1	3	4
	1730	"	...	...	...	58·7	...	...	...	...	...	3·2	...	1·6	0	0	19	2	0	0	3	3	0	8	3	11
Aijal	†0830	3,599	...	...	...	...	...	...	...	...	...	...	...	..	0	0	...	...	...	...	...	...	...	...	...	...
	†1730	"	...	...	...	...	...	...	...	...	...	...	...	..	0	0	...	...	...	...	...	...	...	...	...	...
Shillong	0830	4,921	904·6	853·5	+0·3	61·3	52·9	45·1	10·2	57	−11	1·6	−0·5	1·0	0	0	10	0	1	3	4	1	0	0	1	20
	1730	"	902·5	851·2	...	57·8	54·1	51·0	13·5	79	...	4·1	...	0·3	0	0	5	0	2	1	2	0	0	0	0	25
Cherrapunji	0830	4,309	903·7	871·6	−0·4	63·6	55·3	47·5	11·4	58	−3	3·4	+1·1	4·1	0	1	29	3	18	4	1	2	1	0	1	0
	1730	"	901·5	869·2	...	60·3	56·3	52·4	13·9	77	...	3·7	...	2·2	0	0	27	2	7	4	2	0	6	2	4	5
Darjiling (Raj Bhawan)	0830	6,980	806·3	794·9	+3·3	53·2	46·5	39·6	8·6	62	+1	2·0	−0·9	0·8	0	0	12	2	3	0	3	1	1	1	1	18
	1730	"	804·7	792·9	...	50·6	47·3	44·3	9·7	80	...	4·5	...	0·9	0	0	13	0	1	0	1	0	4	6	1	17
Kalimpong	0830	3,965	900·6	879·1	−4·2	60·2	57·6	55·3	15·2	85	+11	1·3	−0·9	1·9	0	0	23	0	0	0	0	0	0	0	23	7
	1730	"	896·9	875·5	...	60·0	56·4	53·5	14·2	80	...	2·9	...	2·5	0	0	26	0	0	0	26	0	0	0	0	4
Katmandu	0830	4,388	907·3	872·1	..	52·4	49·3	46·3	10·8	79	−8	1·0	−5·1	0·3	0	0	5	0	1	0	1	0	1	1	1	25
	1730	"	903·6	869·0	...	59·8	52·9	46·7	11·3	62	...	0·9	...	0·4	0	0	6	1	0	0	2	0	1	0	2	24

(b) Mean of 29 days.

†Data not available.

ision 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, miles per hour.	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	S W	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
tions excluding mir—contd.																										
ıswar (Kumaon) .	0830	7,592	805·1	775·7	+0·8	50·1	39·5	24·3	4·5	38	−6	0·6	−0·7	4·3	0	1	22	0	4	4	2	0	2	6	5	7
	1730	"	803·5	774·3	...	51·3	44.4	37·0	7·3	60	...	0·8	...	6·9	0	1	29	1	0	0	1	0	7	17	4	0
ıal	0830	6,409	902·1	807·2	...	52·4	42·9	31·8	5·1	47	...	0·5	—	2·	0	0	18	2	3	10	0	0	0	2	1	12
	1730	"	800·5	805·9	...	50·6	45·1	38·7	8·6	65	...	1·2	...	2·7	0	0	27	0	1	1	1	0	1	23	0	3
ıl	0830	...	...	...	...	20·5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
ıoree	0830	6,699	803·1	799·4	−0·4	54·4	44·9	35·4	6·8	52	+5	0·7	−0·5	1·5	0	0	16	2	2	1	4	6	1	0	0	14
	1730	"	802·1	798·4	...	51·5	46·8	41·8	9·2	71	...	2·0	...	2·7	0	0	26	2	1	0	9	12	1	0	1	4
. .	0830	7,224	803·4	784·6	+0·5	53·5	39·0	14·7	3·0	23	−11	0·6	−0·7	1·5	0	0	22	6	1	1	6	6	1	0	1	8
	1730	"	802·6	783·6	...	52·0	41·4	27·7	5·2	40	...	1·8	...	1·5	0	0	22	3	3	1	3	7	4	0	1	8
ıusie	0830	6,426	797·4 (b)	801·4 (b)	...	54·3	44·6	33·9	7·0	48	...	1·0	...	2·0	0	1	14	2	12	0	0	0	0	0	1	15
	1730	"	796·9	801·0	....	51·7	45·7	39·0	8·4	63	...	1·9	...	1·9	0	1	15	1	5	2	3	1	2	0	2	14
ımshala . . .	0830	3,975	909·6	887·5	...	60·1	49·4	39·3	7·2	47	...	1·1	...	0·5	0	0	6	3	0	1	0	0	0	1	1	24
	1730	"	908·2	886·1	...	61·5	51·6	43·3	8·6	52	...	1·4	...	2·0	0	0	21	1	0	0	0	1	4	12	3	9
ıarhi	0830	3,528	906·1	898·4	+0·7	60·5	52·5	44·8	10·3	58	+1	0·1	−1·4	1·8	0	0	17	1	8	4	0	0	0	1	3	13
	1730	"	903·7	896·1	...	72·3	57·8	45·5	10·5	39	...	0·2	...	1·3	0	0	18	1	11	3	0	0	0	1	2	12
. . . . .	0830	3,921	905·8	885·7	+0·8	65·2	51·1	35·4	7·1	34	−11	0·1	−0·9	0·2	0	0	3	0	1	1	0	0	0	1	0	27
	1730	"	903·7	883·9	...	70·7	54·1	36·8	7·6	29	...	0·7	...	0·8	0	0	10	6	4	0	0	0	0	0	0	20
ıbaleshwar . .	0830	4,534	904·7	865·8	+1·0	65·7	56·7	49·6	12·1	56	−10	1·0	−1·2	4·5	0	1	24	0	7	16	2	0	0	0	0	5
	1730	"	902·6	864·0	...	69·5	60·3	53·5	14·1	58	...	1·1	...	2·7	0	0	24	1	4	8	1	0	0	0	10	6
i Hills . . .	0830	...	...	...	...	62·8	61·6	61·0	18·3	94	...	4·5	...	...	...	...	...	0	0	0	0	0	0	15	15	0
ara	0830	3,781	903·0	887·5	+0·6	65·3	61·3	58·9	16·9	80	−3	3·3	−1·5	5·9	0	0	29	0	14	15	0	0	0	0	0	1
	1730	"	901·0	885·6	...	72·6	64·3	58·0	17·3	63	...	3·2	...	3·5	0	0	28	0	12	12	0	0	0	2	2	2
ikanal . . .	0830	7,688	804·2	772·6	+1·0	53·2	50·4	47·4	11·4	84	+5	5·3	+0·4	8·5	0	7	19	5	4	3	5	0	0	0	9·	4
	1130	"	803·8	772·5	...	58·4	53·9	50·2	12·6	77	...	5·9	...	6·8	0	4	25	2	10	2	6	0	0	0	9	1
	1730	"	802·5	771·0	...	54·2	52·2	49·9	12·6	89	...	6·3	...	6·6	0	4	21	1	10	0	3	0	0	1	10	5
camund . . .	0830	7,378	803·9	781·0	+1·0	56·7	50·4	43·9	9·8	66	−10	3·0	−1·6	0·7	0	0	7	0	1	4	2	0	0	0	0	23
	1730	"	802·4	779·6	...	57·1	52·8	49·4	12·2	76	...	5·5	...	1·0	0	0	13	2	2	6	3	0	0	0	0	17
ıoor	0830	...	...	...	...	62·4	55·9	50·9	12·9	68	−8	3·6	−1·5	2·3	0	0	26	3	0	1	4	6	2	5	5	4
ın	0830	...	...	...	...	42·6	38·8	34·0	6·5	71	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
ıg (Chumbi) . .	0830	...	...	...	...	46·3	44·6	42·8	9·7	89	+9	0·2	−1·6	...	...	...	...	...	...	...	...	...	...	...	...	...
a	0830	12,090	630·1	656·5	...	40·8	39·8	38·7	8·1	92	...	0·8	...	0·3	0	0	4	0	0	1	0	0	3	0	0	26
tse	0830	13,110	626·3	627·0	...	33·7	28·7	22·1	3·7	59	+17	0·3	−0·4	0·1	0	0	1	0	0	1	0	0	0	0	0	29
nbo	0830	24	1012·3	1011·6	+0·5	(b) 78·7	(b) 72·4	(b) 70·1	24·3	(b) 73	−14	2·9	−2·1	4·0	0	0	26	3	11	4	4	3	0	1	0	4
	1730	"	1009·5	1008·7	...	84·2	77·2	73·2	28·7	71	...	5·3	...	5·5	0	2	28	6	3	1	0	1	2	11	6	0
omalee . . .	0830	24	1012·3	1011·5	+1·3	79·4	74·4	72·2	26·7	79	−7	5·3	+0·7	6·5	0	3	26	6	1	3	2	3	5	6	3	1
	1730	„	1009·5	1008·7	...	81·4	75·4	72·0	27·3	74	...	6·0	...	12·2	0	15	15	9	9	3	0	0	1	1	7	0
oloa	0830	20	1012·1	1011·8	...	77·3	74·3	72·7	27·6	86	...	3·9	...	5·3	0	1	27	0	0	0	1	1	2	13	11	2
	*1730	"	1009·4	1009·1	...	80·7	75·2	72·4	27·4	77	...	4·3	...	9·7	0	7	22	6	8	5	3	0	0	2	5	0
bantota . . .	0830	50	1012·2	1010·4	+1·2	79·0	75·8	73·6	29·0	85	−2	3·9	−0·2	7·5	0	4	26	4	13	0	0	0	0	5	8	0
	1730	"	1009·3	1007·6	...	81·3	76·0	73·5	28·3	77	...	5·7	...	12·2	0	13	17	0	6	2	4	6	9	3	0	0
ıar	0830	12																								
	1730	"																								
OMETEOROLOGICAL RVATORIES dar Catchment																										
re	0530	784	1015·0	986·8	...	56·1	55·0	54·1	14·3	93	...	2·1	...	1·7	0	0	22	2	0	0	0	0	0	1	19	8
	0830	"	1016·5	988·7	...	64·4	59·6	55·7	15·2	74	...	1·9	...	1·7	0	0	23	0	1	0	0	0	9	6	7	7
	1130	"	1014·4	987·3	...	78·5	63·9	52·0	13·7	42	...	2·0	...	2·9	0	0	28	3	3	1	3	0	5	1	12	2
	1730	"	1012·4	985·2	...	73·0	63·6	56·5	15·8	57	...	2·0	...	1·8	0	0	19	5	2	0	2	0	1	0	9	11
	2330	"	1015·0	987·1	...	61·3	58·8	56·8	15·8	85	...	1·3	...	1·9	0	0	26	9	1	1	0	0	0	0	15	4
ribagh . . .	0530	2,019	899·9	944·2	...	55·2	52·1	49·1	12·0	81	...	1·7	...	0·8	0	0	6	1	0	0	0	0	0	4	1	24
	0830	"	902·8	946·1	...	67·7	58·9	51·9	13·4	59	...	1·6	...	2·3	0	0	20	5	0	4	0	0	1	4	6	10
	1130	"	902·3	945·1	...	73·9	60·0	48·4	12·0	43	...	1·7	...	4·3	0	0	29	6	5	5	0	0	0	5	8	1
	1730	"	900·3	949·5	...	67·4	59·5	53·5	14·2	62	...	1·7	...	1·2	0	0	15	4	0	2	0	0	0	4	5	1
	2330	"	900·7	944·8	...	57·8	54·2	51·0	12·9	78	...	0·7	...	0·2	0	0	2	0	0	0	0	0	0	1	1	

(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.			Mean temperature in °F.			Vapour pressure in mbs.	Relative humidity %.	Departure from normal.	Cloud amount (Oktas).		Mean wind speed, miles per hour.	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	Cal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
HYDROMETEOROLOGICAL OBSERVATORIES—*contd.*																										
Damodar Catchment—*contd.*																										
Barhi	0830	...	...	...	...	71·1	60·5	51·4	13·3	51	...	...	...	2·7	0	0	25	0	1	4	1	0	3	13	3	5
	1730	...	...	...	...	71·5	61·3	52·8	13·9	53	...	...	...	1·3	0	0	15	2	4	0	0	0	1	4	4	15
Ramgarh	0830	...	...	...	...	66·0	60·4	55·9	15·4	70	...	...	...	2·8	0	0	28	2	0	1	0	0	14	7	4	2
	1730	...	...	...	...	69·6	62·9	57·9	16·6	67	...	...	...	0·5	0	0	7	0	2	0	0	0	0	0	5	23
Dhanbad	0530	839	1014·1	984·3	...	62·5	59·2	56·4	15·7	81	...	1·6	...	2·6	0	0	30	13	3	0	0	0	0	6	8	0
	0830	"	1015·6	986·3	...	72·2	63·3	56·3	15·8	59	...	1·5	...	3·1	0	0	28	7	2	2	0	0	3	10	4	2
	1130	"	1014·0	985·2	...	79·7	64·7	52·9	14·1	43	...	1·8	...	4·3	0	0	30	7	7	2	2	0	3	6	3	0
	1730	"	1012·1	983·1	...	74·9	64·8	55·9	15·8	54	...	1·8	...	2·5	0	0	26	11	2	0	0	0	1	4	8	4
	2330	"	1013·9	984·5	...	67·7	62·0	57·1	16·4	69	...	1·3	...	2·9	0	0	28	10	3	0	0	1	1	3	10	2
Mahanadi Catchment																										
Baramul	0830	210	1015·3	1007·8	...	69·7	66·1	63·9	20·3	82	...	...	...	1·3	0	0	19	3	5	6	2	2	0	1	0	11
	1730	"	1012·2	1004·8	...	72·1	68·3	66·0	21·9	82	...	...	...	0·3	0	0	5	2	0	0	0	0	0	1	2	25
Hirakud	0830	522	1018·5	1000·1	...	71·6	63·7	57·4	16·6	62	...	...	...	0·6	0	0	7	1	1	0	1	0	0	0	4	23
	1730	"	1014·6	996·5	...	78·9	66·5	58·2	16·6	50	...	...	...	0·4	0	0	4	0	0	0	3	0	0	0	1	26
Barkachhar	0830	...	...	...	...	73·6	64·4	57·9	16·5	59	...	1·6	...	3·0	0	0	29	4	6	5	2	1	1	5	5	1
	1730	...	...	...	...	71·8	64·0	58·4	16·9	63	...	1·1	...	0·4	0	0	6	2	0	2	0	0	0	1	1	24
Sonepur	0830	...	...	...	...	70·8	65·9	63·0	19·7	77	...	...	...	1·4	0	0	19	3	1	0	1	3	5	4	2	11
Ginabahar	0830	...	...	...	...	67·3	61·9	57·9	16·5	72	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ganga Catchment																										
Tapoban *	0830	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Badrinath *	0830								Closed during Winter Months.																	
Narbada Catchment																										
Punasa	0830	...	...	...	...	68·9	55·9	42·7	9·5	38	...	0	...	2·1	0	0	18	0	9	9	0	0	0	0	0	12
	1730	...	...	...	...	83·7	62·7	43·9	10·0	26	...	0·2	...	1·2	0	0	17	0	9	8	0	0	0	0	0	13
Bagra Tawa	0830	...	...	...	...	65·3	56·7	49·3	11·8	56	...	0·1	...	1·4	0	0	18	0	3	1	0	1	13	0	0	12
	1730	...	...	...	...	77·7	63·1	51·5	13·2	40	...	0·1	...	1·1	0	0	17	0	3	4	4	5	1	0	0	13
Thikri	0830	...	...	...	...	71·3	59·0	47·2	11·6	44	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tapti Catchment																										
Nandurbar	0830	...	...	...	...	76·9	60·9	45·9	11·3	35	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sabarmati Catchment																										
Jhadol	0830	...	...	...	...	59·4	52·9	46·4	10·8	62	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dharoi	0830	...	...	...	...	66·1	55·5	45·0	10·3	47	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	1730	...	...	...	...	84·7	65·1	50·1	12·4	31	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...

* Data not available.

RADIOSONDE DATA

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

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

November 1953

dard sure ace s.	ALLAHABAD Sur. Pr. (1004 mb.) No. of Obs.	Ht. gpm.	Temperature °A Mean	Max.	Min.	Dew Point	CALCUTTA (1013 mb.) No. of Obs.	Ht. gpm.	Temperature °A Mean	Max.	Min.	Dew Point	JODHPUR (990 mb.) No. of Obs.	Ht. gpm.	Temperature °A Mean	Max.	Min.	Dew Point
ace	30	98	292·3	297	289	286·4	30	5	294·0	299	290	291·5	30	218	296·3	301	292	277·4
000	29	129	...	...	...	...	29	118	...	...	...	...	30	128	...	...	...	...
900	29	1042	291·2	298	287	277·4	29	1032	291·5	295	286	283·6	30	1048	294·3	297	290	271·3
850	29	1529	287·7	292	282	274·6	29	1519	288·3	292	283	279·8	30	1538	290·2	295	287	269·0
800	28	2039	284·6	289	277	270·5	29	2030	285·4	291	279	273·9	30	2052	286·1	292	282	266·9
700	27	3147	280·1	284	273	263·9	29	3142	281·1	286	274	263·4	30	3161	279·8	287	274	260·0
600	27	4399	273·1	277	266	261·3	29	4398	274·7	281	266	256·8	30	4410	272·7	277	267	251·8
500	27	5835	264·0	268	257	...	29	5842	266·3	272	257	...	30	5842	263·5	268	260	...
400	27	7526	253·1	261	247	...	29	7547	256·2	265	249	...	30	7529	252·2	256	248	...
300	26	9610	239·6	249	231	...	28	9648	243·3	255	236	...	27	9599	239·7	250	232	...
250	24	10866	231·2	241	224	...	25	10918	234·8	247	224	...	25	10862	232·1	244	221	...
200	24	12349	221·9	233	213	...	22	12414	224·3	230	212	...	24	12353	223·9	238	216	...
175	17	13218	218·2	228	211	...	10	13276	218·3	224	206	...	14	13201	217·8	225	208	...
150	13	14210	212·9	223	206	...	5	14296	213·4	217	211	...	9	14140	213·0	221	206	...
125	6	15322	209·2	218	203	...	...	...	...	...	...	...	...	...	...	...	...	...
100																		
80																		

	MADRAS (1011 mb.) No. of Obs.	Ht. gpm.	Temperature °A Mean	Max.	Min.	Dew Point	NAGPUR (978 mb.) No. of Obs.	Ht. gpm.	Temperature °A Mean	Max.	Min.	Dew Point	NEW DELHI (991 mb.) No. of Obs.	Ht. gpm.	Temperature °A Mean	Max.	Min.	Dew Point
ace	30	15	298·7	300	297	294·0	27	311	295·0	298	292	282·8	30	210	288·6	292	285	283·0
000	30	113	...	..	...	...	27	117	...	...	...	...	30	130	...	...	...	...
900	30	1030	292·3	297	289	285·3	27	1031	293·7	300	290	277·0	30	1040	292·3	297	289	273·4
850	30	1521	289·7	294	286	283·0	27	1521	289·3	297	285	275·1	30	1527	289·1	293	285	270·4
800	30	2037	287·0	291	283	278·1	26	2036	286·1	290	281	270·8	30	2041	285·9	289	281	267·2
700	30	3156	282·8	286	278	270·8	24	3147	281·0	286	274	261·0	30	3148	280·0	285	275	261·3
600	30	4420	275·2	280	269	261·2	20	4405	275·4	279	270	249·6	30	4395	271·7	275	263	253·7
500	29	5871	267·3	271	263	...	14	5852	266·3	271	261	...	30	5823	262·1	267	259	...
400	25	7588	257·3	260	252	...	10	7561	254·7	259	249	...	30	7500	250·8	255	247	...
300	21	9702	243·3	250	238	...	...	...	...	...	...	...	27	9560	238·3	244	234	...
250	16	10967	233·7	241	228	...	...	...	...	...	...	...	26	10817	230·3	236	223	...
200	13	12466	222·5	232	216	...	...	...	...	...	...	...	25	12297	222·1	232	217	...
175	11	13347	215·4	223	207	...	...	...	...	...	...	...	22	13141	217·0	226	211	...
150	10	14293	210·0	218	205	...	...	...	...	...	...	...	11	14141	211·7	220	207	...
125																		
100																		
80																		

RADIOSONDE DATA
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(From Ascents at 15 hrs. G. M. T.)
November 1953

Standard pressure surface mbs.	POONA Sur. Pr. (951 mb.)						PORT BLAIR (1002 mb.)						SHILLONG (843 mb.)					
	No. of Obs.	Ht. gpm.	Temperature °A				No. of Obs.	Ht. gpm.	Temperature °A				No. of Obs.	Ht. gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point			Mean	Max.	Min.	Dew Point			Mean	Max.	Min.	Dew Point
Surface	29	557	295·9	301	291	285·9	29	81	299·4	301	298	296·4	30	1597	285·9	289	282	283·3
1000	29	117	...	...	...	...	29	96	...	...	...	...	30	136	...	...	...	...
900	29	1037	296·4	299	293	280·9	29	1017	292·9	296	291	290·0	30	1037	...	...	...	...
850	29	1533	293·4	297	291	278·7	28	1508	290·6	293	288	287·7	30	1521	...	...	...	...
800	29	2054	289·5	293	286	276·8	27	2024	287·6	290	285	284·6	30	2032	284·9	287	279	278·9
700	29	3175	283·7	289	279	263·6	26	3145	282·5	286	279	277·5	30	3138	279·5	282	273	265·7
600	28	4447	278·1	281	275	251·0	25	4408	275·7	278	273	270·6	30	4389	273·0	277	265	257·1
500	27	5912	269·0	273	266	...	23	5855	267·5	271	265	...	30	5829	265·1	273	255	...
400	27	7634	257·8	263	254	...	19	7576	257·9	263	254	...	30	7529	255·4	264	247	...
300	26	9747	243·8	248	240	...	13	9686	243·4	249	240	...	27	9621	241·6	254	231	...
250	21	11023	234·8	243	231	...	9	10946	233·1	239	229	...	25	10888	234·2	247	220	...
200	18	12523	224·4	235	218	...	...	...	...	...	. .	...	24	12394	225·7	241	207	...
175	13	13372	216·9	223	213	...	...	...	...	...	...	...	15	13294	223·3	239	209	...
150	7	14360	211·9	218	206	...	...	...	...	...	...	...	12	14325	218·3	227	211	...
125	...	...	...	...	...	...	...	...	...	...	...	...	6	15500	214·5	220	204	...
100	...	...	...	...	...	...	...							...	...	...	...	...
80	...	...	...	...	...	...	...											

Standard pressure surface mbs.	TRIVANDRUM (1004 mb.)						VERAVAL (1013 mb.)						VISAKHAPATNAM (1007 mb.)					
	No. of Obs.	Ht. gpm.	Temperature °A				No. of Obs.	Ht. gpm.	Temperature °A				No. of Obs.	Ht. gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point			Mean	Max.	Min.	Dew Point			Mean	Max.	Min.	Dew Point
Surface	30	64	299·4	301	297	296·5	30	8	297·7	301	295	292·8	30	48	299·2	301	295	293·8
1000	30	103	...	...	...	...	30	121	...	...	...	...	30	111	...	...	...	...
900	30	1025	292·7	296	289	289·8	30	1043	294·4	297	290	277·8	30	1029	292·4	299	286	286·6
850	30	1516	290·0	294	286	287·0	30	1534	291·0	293	288	275·8	30	1517	289·3	292	284	283·3
800	30	2034	287·5	291	282	281·7	29	2052	287·8	293	281	270·8	30	2033	286·9	290	281	278·8
700	30	3153	282·4	286	279	271·4	28	3171	282·8	287	275	260·0	30	3151	282·5	288	276	269·0
600	27	4419	275·7	279	272	265·6	28	4436	275·9	281	271	256·1	30	4418	276·1	280	273	263·5
500	26	5871	267·4	272	264	...	26	5886	266·3	272	263	...	30	5870	267·0	272	262	...
400	23	7590	257·2	263	254	...	24	7589	256·3	267	252	...	30	7580	256·0	261	251	...
300	21	9698	243·6	248	240	...	18	9687	240·8	249	233	...	28	9673	241·8	245	237	...
250	13	10975	233·6	239	228	...	15	10952	232·8	241	226	...	24	10929	232·3	239	226	...
200	13	12470	223·0	228	220	...	10	12440	222·1	233	217	...	22	12418	222·1	229	215	...
175	7	13339	216·7	221	214	...	5	13272	219·7	223	217	...	18	13243	215·3	223	209	...
150	5	14295	209·8	213	207	...	...	...	...	...	...	...	17	14242	208·4	216	202	...
125													11	15372	204·7	212	197	...
100													8	16651	199·6	208	195	...
80													...	...	...	...	...	...

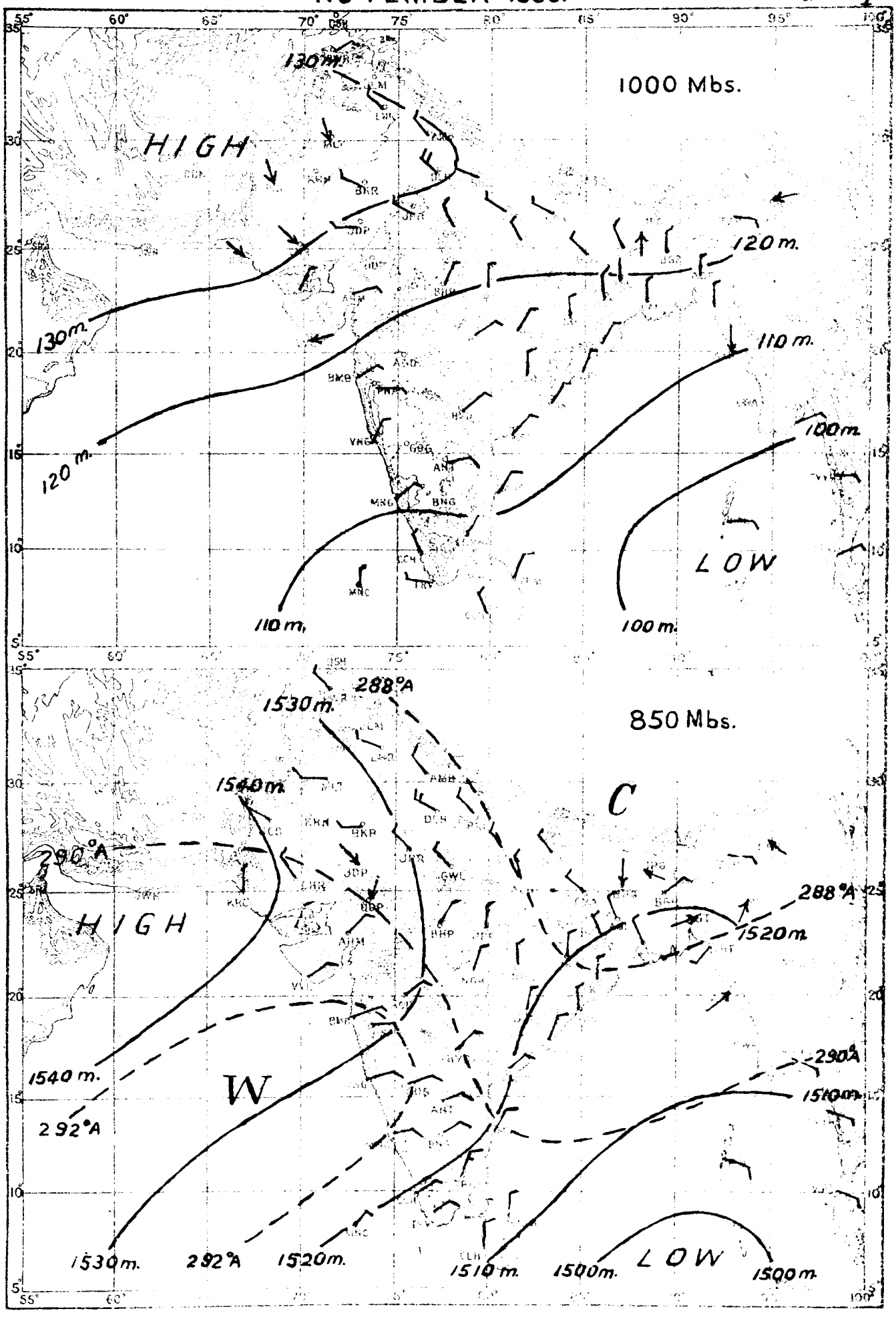
NOTES:—Number of observations refer to those of dynamic height.
Means are not worked out for temperature and dew point for the 1000 mb. surface and for dew point for standard pressure surfaces with temperatures less than 273 °A.
Means are not worked out for less than five observations at standard pressure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

GIPN—S2—2 DDG. Obs. Poona—14-9-55—260.

MONTHLY MEAN CONSTANT PRESSURE CHARTS.

NOVEMBER 1953.

Plate I



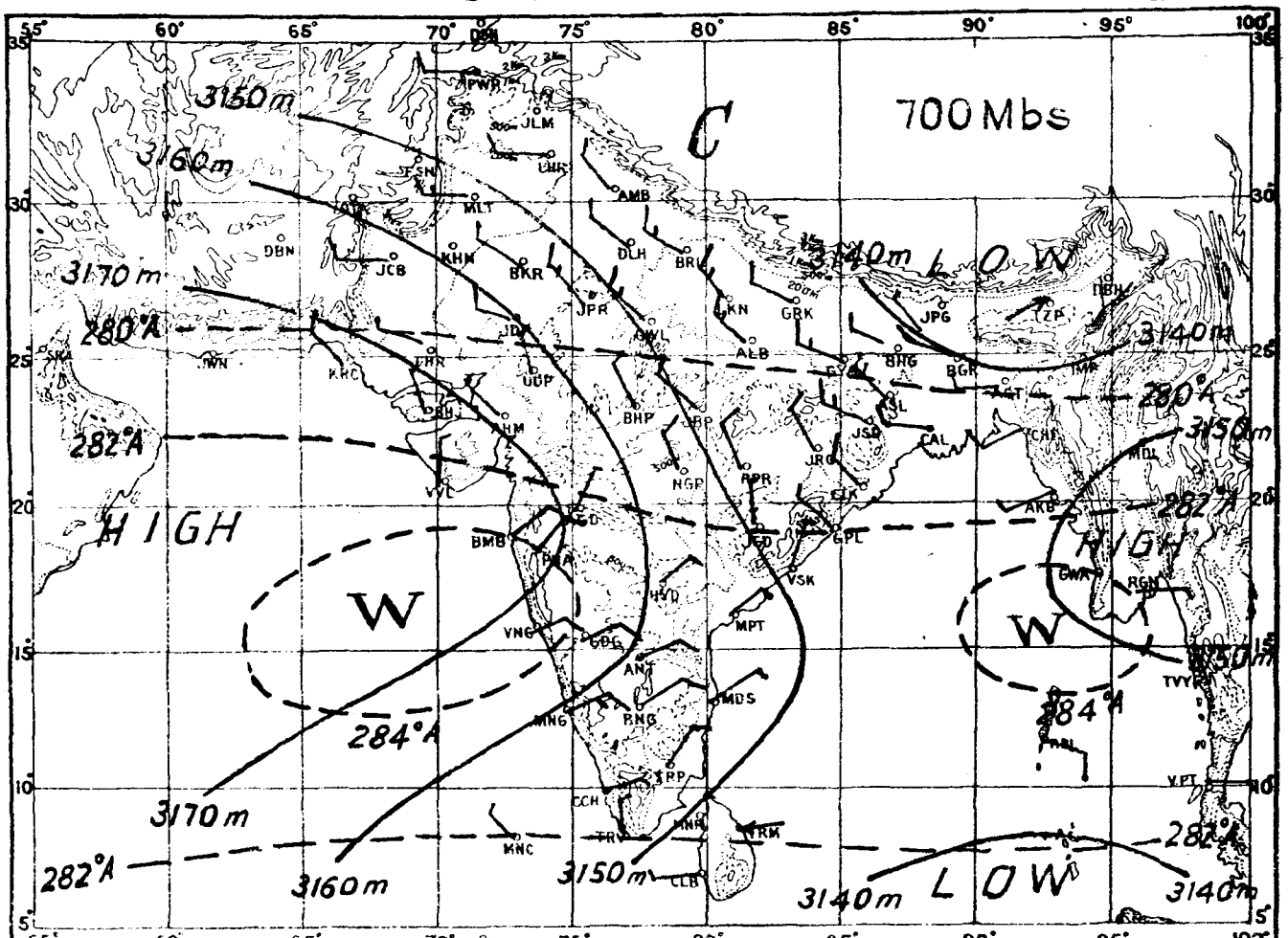
RESULTANT WIND ——— 5 knots, ——— 10 knots, ——— 50 knots

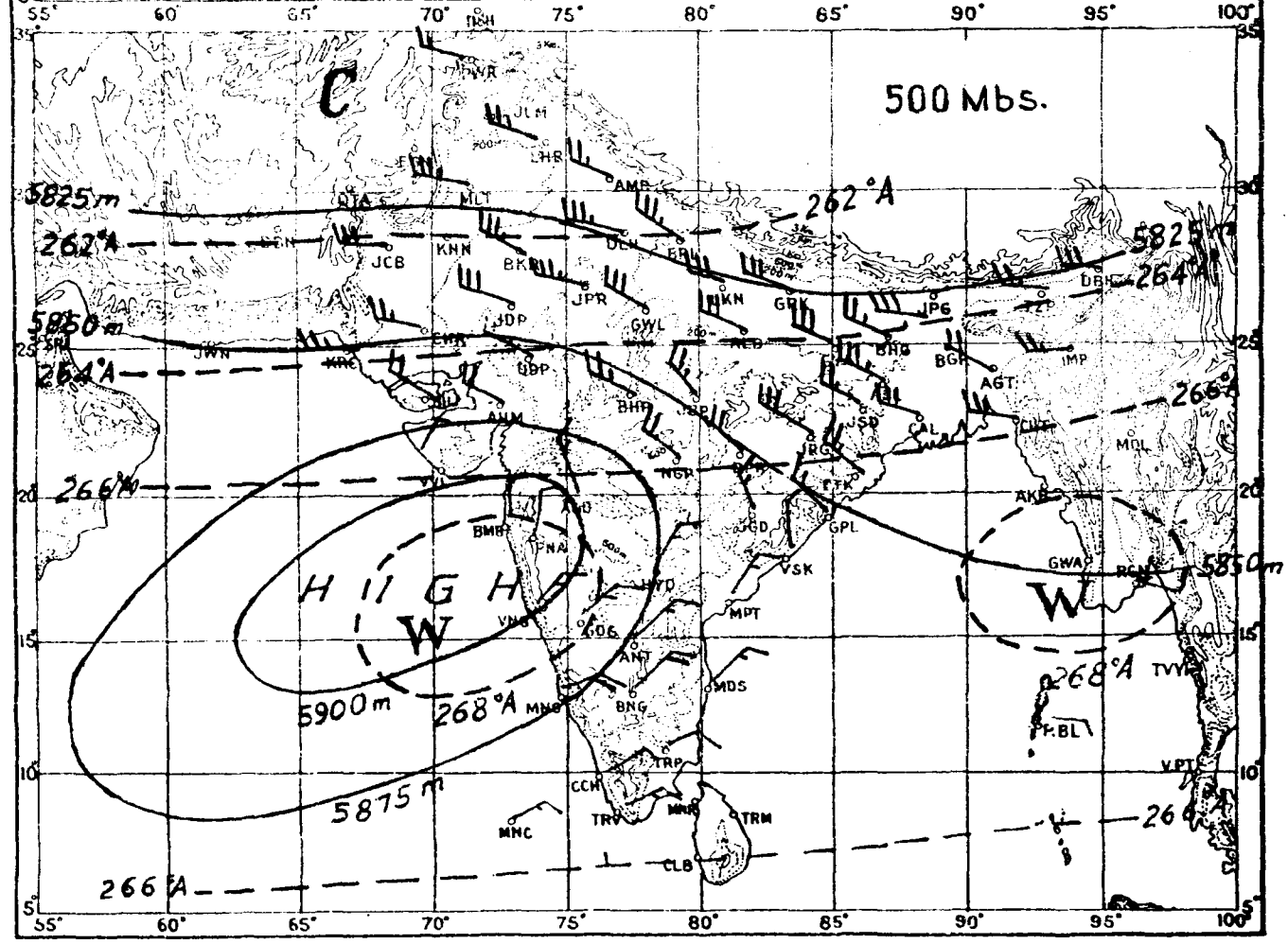
– – – – – Isotherms in degrees absolute ——— Contours in geopotential metres

MONTHLY MEAN CONSTANT PRESSURE CHARTS.

NOVEMBER 1953

Plate II





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

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

G.P.Z. P. POONA, 53.

Registered No. B-30970.

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WEATHER BUREAU

INDIA WEATHER REVIEW, 1953

Monthly Weather Report

December

Published by authority of the Government of India

Chief features.—(i) Four western disturbances and (ii) deficient northeast monsoon rains in the south Peninsula.

The northeast monsoon was generally weak during the month. In association with the westward movement of a low pressure wave across the extreme south of the country, local or fairly widespread rain occurred in south Tamilnad on the 15th and in Travancore-Cochin on the 16th. The next brief spell of active northeast monsoon conditions occurred between the 25th and 28th. Rainfall occurred locally in Tamilnad on these four days, and was widespread in Travancore-cochin on the 27th.

Of the four western disturbances which moved across the northern parts of the country the third and fourth were active.

The third western disturbance appeared over north Baluchistan and the North-West Frontier Province on the 21st. Moving slowly in an eastnortheasterly direction it lay over the Punjab (I) on the 27th, and passed away across the western Himalayas by the next day. Under its influence fairly widespread rain or thundershowers occurred in the hills of the Punjab (I) on the 27th and 28th, with local showers in the hills of the west Uttar Pradesh and of the Punjab (I) on the 27th. Snowfall was reported from a few stations in Jammu and Kashmir on the 26th. The fourth western disturbance moved away northeastwards across the Punjab (I) between the 30th and 31st. It induced a secondary over east Rajasthan on the 31st. These two disturbances were responsible for fairly widespread thundershowers in the Punjab hills on the 31st and local thundershowers in Vindhya Pradesh on the same day. Very light showers were also reported from many stations in the hills of west Uttar Pradesh on the 31st. The other two disturbances did not cause any precipitation.

Night temperatures were above normal in north India on many days in the month, while they were generally below normal in Deccan (Desh) in the later fortnight.

Total rainfall of the month was in large excess in Assam; in moderate defect in the Punjab (I) and Travancore-Cochin and in large defect in the Bay Islands, West Bengal, Bihar, Uttar Pradesh, Vindhya Pradesh and Tamilnad. Elsewhere there was no rain. Averaged over the plains of India the rainfall was 75% in defect.

The mean maximum temperature was above normal over the country except in east Madhya Pradesh, Deccan (Desh), Hyderabad, Coastal Andhradesa, Rayalaseema, Tamilnad, Malabar-south Kanara, Mysore and Travancore-Cochin, where it was normal.

The mean minimum temperature was above normal in the Bay Islands, Assam, West Bengal, Chhota Nagpur, Bihar, Uttar Pradesh, the Punjab (I) West Rajasthan, and Saurashtra and Kutch, and below normal in Deccan (Desh) and south Hyderabad. Elsewhere it was normal.

The mean relative humidity in the morning was in excess in Uttar Pradesh, the Punjab (I) and Saurashtra and Kutch and in defect in north Hyderabad. Elsewhere it was normal.

The mean cloud amount in the morning was above normal in Travancore-Cochin; normal in the Bay Islands, Assam, the Punjab (I), west Rajasthan, Saurashtra aud Kutch and Tamilnad and below 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:
Dated the 28th September 1954.

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

TABLE I.—DIVISIONAL AND SUB-DIVISIONAL MEANS—DECEMBER 1953.

	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
sion								
Assam (including Manipur & Tripura).	0·50	152	78·0	56·0	85	75	2·3	2·1
	+0·17	..	+3·0	+3·1	−4	..	−0·3	..
West Bengal .	0·02	13	81·6	58·9	75	62	0·5	0·9
	−0·14	..	+3·6	+4·1	+2	..	−0·8	..
Orissa . .	0	0	82·3	59·0	72	55	0·3	1·0
	−0·21	..	+2·0	+1·2	−1	..	−1·2	..
Bihar . . .	0·01	6	79·0	53·8	75	63	0·4	0·7
	−0·17	..	+3·3	+3·6	+2	..	−0·7	..
Uttar Pradesh .	0·07	17	78·4	50·8	81	58	0·8	1·2
	−0·33	..	+3·8	+4·1	+8	..	−0·5	..
Punjab (I) (including PEPSU & Delhi).	0·31	55	79·4	47·9	79	51	1·8	2·1
	−0·25	..	+6·7	+4·1	+8	..	−0·2	..
Rajasthan . .	0	0	84·1	50·8	59	31	1·1	1·5
	−0·17	..	+6·7	+3·0	+2	..	−0·5	..
division								
Bay Islands . .	2·58	33	86·1	75·1	75	83	4·3	4·0
	−5·34	..	+2·5	+2·2	+4	..	+0·1	..
Assam (including Manipur & Tripura).	0·50	152	78·0	56·0	85	75	2·3	2·1
	+0·17	..	+3·0	+3·1	−4	..	−0·3	..
West Bengal .	0·02	13	81·6	58·9	75	62	0·5	0·9
	−0·14	..	+3·6	+4·1	+2	..	−0·8	..
Orissa . .	0	0	82·3	59·0	72	55	0·3	1·0
	−0·21	..	+2·0	+1·2	−1	..	−1·2	..
Chhota Nagpur .	0	0	78·5	53·0	71	59	0·3	1·0
	−0·24	..	+2·6	+3·0	+2	..	−1·1	..
Bihar . . .	0·02	13	79·5	54·3	77	66	0·5	0·6
	−0·13	..	+3·8	+4·1	+2	..	−0·5	..
Uttar Pradesh, East	0·05	16	78·8	52·0	85	62	0·5	0·6
	−0·26	..	+3·5	+4·6	+9	..	−0·6	..
Uttar Pradesh, West	0·10	20	77·9	49·5	77	53	1·1	1·8
	−0·41	..	+4·3	+3·5	+7	..	−0·4	..
Punjab (I) (including PEPSU and Delhi).	0·31	55	79·4	47·9	79	51	1·8	2·1
	−0·25	..	+6·7	+4·1	+8	..	−0·2	..
Jammu and Kashmir.			(Data incomplete)					
Rajasthan, West .	0	0	84·0	51·2	61	33	1·4	1·9
	−0·12	..	+6·7	+4·7	+5	..	−0·3	..
Rajasthan, East (including Ajmer).	0	0	84·1	50·4	58	29	0·8	1·1
	−0·21	..	+6·7	+1·7	0	..	−0·6	..
Madhya Bharat .	0	0	83·1	49·6	56	27	0·8	1·1
	−0·26	..	+5·0	+1·8	−3	..	−0·6	..
Vindhya Pradesh .	0·07	18	81·1	47·3	69	43	0·6	1·3
	−0·32	..	+5·4	+0·8	−1	..	−1·0	..

	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 & Vindhya Pradesh.	0·03	9	82·3	48·7	61	34	0·7	1·2
	−0·29	..	+5·1	+1·4	−2	..	−0·8	..
9. Madhya Pradesh .	0	0	82·9	52·4	59	37	0·5	0·9
	−0·36	..	+2·9	+0·1	−5	..	−1·0	..
10. Bombay (including Saurashtra & Kutch). . .	0	0	87·5	57·6	60	38	0·8	0·8
	−0·17	..	+2·9	−0·1	+1	..	−0·7	..
11. Hyderabad . .	0	0	83·8	56·6	59	31	0·8	0·6
	−0·21	..	+0·5	−2·1	−4	..	−1·0	..
12. Madras (including Travancore-Cochin).	0·76	31	85·1	67·5	75	58	2·5	2·4
	−1·73	..	+0·4	−0·4	−3	..	−0·7	..
13. Mysore . .	0	0	80·6	58·4	74	40	2·0	1·6
	−0·50	..	+0·2	−1·1	0	..	−1·2	..
Mean of India .	0·14	25	82·9	55·5	68	46	1·1	1·3
	−0·41	..	+3·2	+1·3	0	..	−0·7	..
Sub-division—*contd.*								
15. Madhya Pradesh, East.	0	0	80·9	51·8	68	43	0·2	0·7
	−0·21	..	+1·6	0	−4	..	−1·4	..
16. Madhya Pradesh, West.	0	0	84·2	52·7	53	32	0·7	1·1
	−0·45	..	+3·6	+0·1	−5	..	−0·8	..
17. Gujarat . .	0	0	91·3	55·9	61	41	0·7	0·8
	−0·05	..	+5·3	+1·5	−1	..	−0·5	..
18. Saurashtra and Kutch.	0	0	87·0	58·5	62	40	1·3	0·9
	−0·07	..	+3·8	+3·1	+9	..	0	..
19. Konkan . .	0	0	88·7	65·8	67	69	0·5	0·8
	−0·21	..	+2·1	−0·5	+2	..	−1·1	..
20. Deccan (Desh) .	0	0	85·5	53·9	55	28	0·6	0·7
	−0·27	..	+1·4	−2·6	−5	..	−1·1	..
21. Hyderabad, North	0	0	84·1	55·6	55	29	1·0	0·9
	−0·23	..	+1·3	−1·9	−6	..	−0·7	..
22. Hyderabad, South	0	0	83·7	57·4	63	32	0·7	0·7
	−0·20	..	−0·1	−2·2	−3	..	−1·2	..
23. Coastal Andhradesa.	0	0	83·9	63·8	77	57	1·4	1·1
	−0·95	..	+0·5	−1·3	+1	..	−1·4	..
24. Rayalaseema .	0	0	85·9	61·7	66	41	0·6	0·8
	−0·35	..	−0·1	−1·1	−5	..	−1·8	..
25. Tamilnad . .	1·53	34	83·8	69·4	78	62	3·4	3·5
	−3·03	..	0	+0·2	−3	..	−0·3	..
26. Malabar and South Kanara.	0	0	90·3	70·9	67	59	1·8	1·9
	−0·76	..	+1·9	−0·3	−5	..	−0·7	..
27. Mysore . .	0	0	80·6	58·4	74	40	2·0	1·6
	−0·50	..	+0·2	−1·1	0	..	−1·2	..
28. Travancore-Cochin	1·17	57	87·7	73·2	71	65	4·3	3·7
	−0·87	..	+0·8	−0·1	−5	..	+1·3	..

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.																												
Table Island	83·4	..	85	8 days	76·2	..	72	4	0·40	0·74	..	0·36	8	2	..	8·0	7·4	..	3	0	0	0	0	0	0	0	0	0
Maya Bandar	83·0	..	85	5	74·5	..	70	9	0·49	0·74	..	0·24	8	3	..	9·1	7.1	..	7	0	0	0	0	0	0	0	0	0
Long Island	86·8	..	88	6 days	74·2	..	72	6 days	0·22	0·48	..	0·19	11	3	..	2·3	1·6	..	4	0	0	0	0	0	0	0	0	0
Port Blair	86·1	+2·5	87	15 days	75·1	+2·2	70	5,14	0·72	2·58	−5·34	1·11	3	4	−3·2	8·8	8·2	−0·9	10	0	0	0	4	0	0	0	0	0
Kondul	83·8	..	87	3,5	76·8	..	74	5 days	3·08	8·46	..	2·43	31	12	..	7·1	5·5	..	14	0	0	0	0	0	0	0	0	0
Car Nicobar	86·5	..	88	5 days	75·8	..	67	7	0·84	1·59	..	0·66	11	4	..	4·8	3·5	..	4	0	0	0	0	0	0	0	0	0
Noncowry	90·8	..	94	3,19	75·2	..	71	17	1·90	6·25	..	1·76	27	11	..	1·1	0·8	..	14	0	0	3	0	0	0	0	0	0
Assam.																												
Mawsynram	..	..	..	..	..	..	..	..	..	0	..	0	..	0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Dibrugarh	76·0	+2·0	79	1,12	54·6	+3·5	50	4 days	0·10	0.13	−0·50	0·07	16	0	−1·4	1·3	0·9	+0·4	2	0	0	1	0	0	0	0	0	0
Dibrugarh (Mohanbari Aerodrome)	76·4	..	80	7,12,14	50·6	..	45	24,25	0·09	0·19	..	0·10	16	1	..	2·5	1·2	..	4	0	0	1	21	0	0	0	0	0
Sibsagar	77·4	+5·2	83	14	54·5	+3·6	49	26	0·08	0·70	+0·12	0·30	20	2	+0·5	2·3	1·5	+0·5	5	0	0	0	9	0	0	0	0	0
Tezpur	78·7	+3·5	82	3	56·5	+2·4	54	4 days	0·68	0·71	+0·46	0·68	16	1	+0·3	0·9	0·7	−0·7	2	0	0	0	1	0	0	0	0	0
Tezpur (P.B.O.)	77·5	..	80	5 days	54·7	..	50	27	0·75	0·82	..	0·75	16	1	..	2·7	1·3	..	2	0	0	3	4	0	0	0	0	0
Gauhati	78·1	+2·5	82	29	54·0	+1·3	50	31	0	0·64	+0·48	0·36	4	2	+1·5	2·9	1·5	+0·4	3	0	0	0	15	0	0	0	0	0
Gauhati (Kaikuchi Aerodrome).	78·1	..	81	4,14	54·0	..	50	30,31	0·04	1·02	..	0·65	4	2	..	..	..	..	4	0	0	1	27	0	0	0	0	0
Dhubri	76·6	+2·5	80	4 days	59·9	+4·2	55	6	0	0	−0·07	0	..	0	−0·1	3·1	2·6	−0·9	0	0	0	0	0	0	0	0	0	0
Silchar	81·8	+2·0	85	4 days	59·5	+4·8	55	30	0	0·33	−0·09	0·31	16	1	+0·3	0·8	0·1	−0·8	2	0	0	0	0	0	0	0	0	0
Tura	78·0	..	83	3	58·8	..	56	30	0	0	..	0	..	0	..	1·9	2·4	..	0	0	0	0	0	0	0	0	0	0
Lumding	77·6	+3·6	81	5 days	52·9	+2·2	48	4 days	0	0·96	+0·82	0·65	4	2	+1·6	1·3	0·7	..	2	0	0	0	0	0	0	0	0	0
Agartala	82·5	..	86	24	55·3	..	51	29,30	0	0	..	0	..	0	..	..	..	..	0	0	0	0	2	0	0	0	0	0
Imphal	73·3	..	77	3	45·5	..	37	30,31	0	0·19	..	0·12	1	1	..	3·0	2·3	..	3	0	0	0	14	0	0	0	0	0
West Bengal.																												
Dum Dum	82·0	..	85	6	59·3	..	56	18,25	0	0	..	0	..	0	..	2·7	1·7	..	0	0	0	0	3	0	0	0	0	0
Calcutta	82·1	+2·7	84	1,5,17	60·0	+5·0	57	25	0	0	−0·18	0	..	0	−0·3	2·1	1·1	−0·8	0	0	0	0	4	0	0	0	0	0
Barrackpore	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0	0	0	0	1	0	0	0	0	0
Saugor Island	79·2	+2·3	81	6 days	64·4	+5·2	59	30	0	0	−0·21	0	..	0	−0·4	6·8	5·7	+0·2	0	0	0	0	12	0	0	0	0	0
Sandheads	..	..	..	..	..	..	..	..	0	0	−0·15	0	..	0	−0·3	..	..	..	0	0	0	0	0	0	0	0	0	0
Midnapore	81·7	+1·9	85	31	58·0	+2·5	55	4 days	0	0	−0·16	0	..	0	−0·3	3·1	1·7	+0·3	0	0	0	0	0	0	0	0	0	0
Contai	82·1	..	85	1,3,6	59·7	..	58	6 days	0	0	..	0	..	0	..	2·3	1·8	..	0	0	0	0	0	0	0	0	0	0
Bankura	..	..	..	..	..	..	..	..	..	0	−0·11	0	..	0	−0·3	..	..	..	..	..	..	..	..	..	..	..	..	..
Burdwan	82·5	+3·6	86	5	59·1	+3·2	57	20,28,30	0	0	−0·19	0	..	0	−0·3	2·5	1·6	+0·4	0	0	0	0	0	0	0	0	0	0
Krishnagar	84·6	+5·9	88	5	57·2	+4·1	52	20	0	0	−0·11	0	..	0	−0·2	0·6	0·1	−1·0	0	0	0	0	0	0	0	0	0	0
Asansol	81·3	+2·7	85	31	58·4	+5·0	55	20	0	0	−0·18	0	..	0	−0·4	3·0	2·1	−1·2	0	0	0	0	0	0	0	0	0	0
Berhampore	82·6	+5·5	85	7 days	59·7	+4·6	55	25	0	0	−0·16	0	..	0	−0·4	1·4	0·7	−0·2	0	0	0	0	0	0	0	0	0	0
Malda	80·2	+4·4	83	4,5,13	58·0	+5·5	55	16	0	0	−0·07	0	..	0	−0·2	3·4	2·3	−0·5	0	0	0	0	0	0	0	0	0	0
Cooch-Behar	80·3	..	85	3	54·8	..	50	14	0	0·17	+0·01	0·17	5	1	+0·7	2·0	1·0	..	1	0	0	0	0	0	0	0	0	0
Jalpaiguri	80·1	+3·4	83	3,12,15	55·3	+2·1	52	23	0	0	−0·17	0	..	0	−0·4	3·3	2·4	+1·6	0	0	0	0	0	0	0	0	0	0
Bagdogra	82·2	..	85	3,13	51·3	..	47	22,23	0	0	..	0	..	0	..	2·3	1·3	..	0	0	0	0	0	0	0	0	0	0
Orissa.																												
Balasore	81·3	+1·3	84	5	59·0	+3·3	56	18,19	0	0	−0·16	0	..	0	−0·3	3·5	1·9	+0·3	0	0	0	0	0	0	0	0	0	0
Chandbali	82·8	+2·5	87	6	59·5	+1·7	52	26	0	0	−0·03	0	..	0	−0·1	4·3	2·9	−0·4	0	0	0	0	0	0	0	0	0	0
Puri	82·7	+2·2	85	4 days	64·6	+2·1	62	19,22	0	0	−0·24	0	..	0	−0·4	5·8	5·1	−0·7	0	0	0	0	0	0	0	0	0	0
Bhubaneswar	82·5	..	84	4 days	59·1	..	55	21	0	0	..	0	..	0	..	4·3	3·8	..	0	0	0	0	0	0	0	0	0	0
Cuttack	83·8	+2·6	86	5,6	60·2	+1·5	56	21	0	0	−0·23	0	..	0	−0·4	2·0	1·6	+0·7	0	0	0	0	0	0	0	0	0	0
Cuttack (P.B.O.)	..	..	..	..	..	..	..	..	0	0	..	0	..	0	..	2·1	1·0	..	0	0	0	0	0	0	0	0	0	0
Gopalpur	82·6	+2·2	89	4	61·3	+0·3	59	5 days	0	0	−0·53	0	..	0	−0·7	6·4	5·5	−0·6	0	0	0	0	0	0	0	0	0	0
Koraput	75·3	..	79	15	49·5	..	46	6,20	0	0	..	0	..	0	..	..	..	..	0	0	0	0	8	0	0	0	0	0
Angul	80·9	+0·9	83	12	56·4	+1·4	54	4 days	0	0	−0·14	0	..	0	−0·4	3·0	3·0	0	0	0	0	0	0	0	0	0	0	0
Sambalpur	82·3	+2·1	85	1	51·8	−2·0	49	4 days	0	0	−0·17	0	..	0	−0·3	2·2	1·1	−0·8	0	0	0	0	0	0	0	0	0	0
Jharsuguda	80·0	..	83	6 days	53·8	..	51	6	0	0	..	0	..	0	..	3·0	2·8	..	0	0	0	0	0	0	0	0	0	0
Titilagarh	82·5	..	86	2	53·8	..	50	20	0	0	..	0	..	0	..	1·7	1·0	..	0	0	0	0	0	0	0	0	0	0
Chhota Nagpur.																												
Purulia	79·8	..	83	30,31	56·3	..	55	20,21	0	0	..	0	..	0	..	2·1	1·4	..	0	0	0	0	0	0	0	0	0	0
Jamshedpur	80·8	+1·0	83	31	56·3	+4·8	53	18,19,21	0	0	−0·23	0	..	0	−0·4	2·6	1·4	−0.1	0	0	0	0	2	0	0	0	0	0
Jamshedpur (P.B.O.)	79·3	..	86	8	55·9	..	51	19	0	0	..	0	..	0	..	3·2	2·2	..	0	0	0	0	0	0	0	0	0	0
Chaibasa	80·3	+2·1	83	30,31	55·1	+3·5	52	17,19,21	0	0	−0·18	0	..	0	−0·4	1·0	0·8	−0·3	0	0	0	0	0	0	0	0	0	0
Ranchi	76·0	+3·1	82	31	52·9	+2·3	50	6 days	0	0	−0·27	0	..	0	−0·6	1·8	1·3	−1·6	0	0	0	0	0	0	0	0	0	0

vision 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
ota Nagpur—*contd.*																												
zaribagh . .	76·3	+3·9	82	31	51·4	+1·4	48	19,20	0	0	−0·27	0	..	0	−0·5	3·7	3·1	−1·4	0	0	0	0	0	0	0	0	0	0
zaribagh (C.W.) .	76·2	..	80	31	51·0	..	48	8, 0	0	0	..	0	..	0	..	1·1	0·3	..	0	0	0	0	0	0	0	0	0	0
ltonganj . .	79·3	+2·9	85	30,31	49·5	+3·0	44	18	0	0	−0·25	0	..	0	−0·5	2·2	1·3	−0·2	0	0	0	0	0	0	0	0	0	0
ar.																												
rnea . . .	78·8	+2·5	87	3	51·7	+2·2	48	29	0	0	−0·12	0	..	0	−0·3	2·1	1·1	0	0	0	0	0	0	0	0	0	0	0
rbesganj . .	82·0	..	87	3	52·0	..	49	29	0	0	..	0	..	0	..	2·6	1·5	..	0	0	0	0	5	0	0	0	0	0
rbhanga . .	76·5	+0·1	79	4 days	56·7	+4·9	55	7 days	0	0	−0·12	0	..	0	−0·3	0·8	0·2	−0·9	0	0	0	0	0	0	0	0	0	0
otihari . .	79·9	+4·7	83	3,5	53·6	+5·5	51	25	0	0	−0·15	0	..	0	−0·4	1·1	1·0	−0·3	0	0	0	0	0	0	0	0	0	0
uzaffarpur . .	..	..	..	..	..	..	..	..	..	0	−0·12	0	..	0	−0·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
apra . . .	..	..	..	..	..	..	..	..	..	0·09	−0·05	0·09	31	0	−0·4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
rah . . .	..	..	..	..	..	..	..	..	..	0	−0·17	0	..	0	−0·5	..	..	..	..	..	..	..	..	..	..	..	..	..	.
tna . . .	80·3	+5·7	84	3,4	58·3	+6·0	54	27	0	0·10	−0·12	0·10	31	1	+0·5	2·1	1·5	−0·2	1	0	0	0	7	0	0	0	0	0
tna (Aerodrome) .	79·2	..	83	2,3,4	54·2	..	50	28	0	0·11	..	0·11	31	1	..	1·9	1·0	..	1	0	0	0	11	0	0	0	0	0
hri . . .	80·0	..	84	30	55·9	..	53	18,19	0	0	−0·18	0	..	0	−0·5	2·5	1·6	..	0	0	0	0	0	0	0	0	0	0
ya . . .	79·8	+5·2	85	30	52·0	+3·4	49	17,18,19	0	0	−0·18	0	..	0	−0·4	3·2	2·5	−0·6	0	0	0	0	0	0	0	0	0	0
mui . . .	80·3	..	84	30	55·1	..	50	8	0	0	..	0	..	0	..	3·1	1·4	..	0	0	0	0	0	0	0	0	0	0
mka . . .	81·4	+3·0	85	31	54·5	+2·9	52	16,19,20	0	0	−0·13	0	..	0	−0·3	..	..	..	0	0	0	0	0	0	0	0	0	0
bour . . .	80·0	+4·3	83	2	52·9	+5·0	50	23,29	0	0	−0·12	0	..	0	−0·1	3·1	1·6	−4·1	0	0	0	0	1	0	0	0	0	0
agalpur . .	81·8	..	85	4 days	58·8	..	56	29	0	0	..	0	..	0	..	2·5	1·9	..	0	0	0	0	2	0	0	0	0	0
P., East.																												
nda . . .	78·5	+2·7	81	4 days	51·7	+4·0	50	8 days	0	0	−0·32	0	..	0	−1·1	0·7	0·5	−1·6	0	0	0	0	0	0	0	0	0	0
rakhpur . .	77·7	+3·2	81	1	55·5	+5·7	53	6 days	0	0	−0·19	0	..	0	−0·4	2·2	1·2	+0·4	0	0	0	0	0	0	0	0	0	0
amgarh . .	80·1	..	83	4	53·8	..	50	16,17	0·04	0·36	..	0·36	31	1	..	2·0	1·0	..	1	0	0	0	0	0	0	0	0	0
naras . . .	79·0	+3·8	84	4,30	52·8	+4·6	47	18,19	0	0·15	−0·12	0·10	31	1	+0·5	2·2	1·8	0	2	0	0	0	4	0	0	0	0	0
naras (Babatpur Aerodrome).	78·0	..	82	4	52·3	..	48	17	0·02	0·47	..	0·47	31	1	..	3·1	2·0	..	1	0	0	0	1	0	0	0	0	0
lahabad (Bamrauli)	79·4	+3·7	83	4 days	52·1	+5·0	49	5 days	0·03	0·27	−0·07	0·27	31	1	+0·3	1·4	1·2	−0·9	1	0	0	1	0	0	0	0	0	0
tehpur . . .	78·4	+2·3	79	29	51·3	+3·8	48	20	0	0	−0·34	0	..	0	−1·1	2·9	1·1	−0·5	0	0	0	1	0	0	0	0	0	0
nda . . .	81·6	..	85	6,21	51·8	..	49	17,18,19	0	0	..	0	..	0	..	0·7	0·3	..	0	0	0	0	0	0	0	0	0	0
rai . . .	81·0	..	85	6	51·7	..	47	17	0	0	..	0	..	0	..	3·1	1·2	..	0	0	0	0	0	0	0	0	0	0
anpur . . .	79·0	+5·0	83	6	51·6	+5·1	48	17	0	0	−0·28	0	..	0	−0·8	4·1	2·1	0	0	0	0	0	0	0	0	0	0	0
cknow . .	79·7	+3·8	83	6	51·7	+4·4	48	18	0	0	−0·32	0	..	0	−0·7	1·4	0·4	−0·6	0	0	0	0	0	0	0	0	0	0
cknow (Amausi Aerodrome).	77·9	+2·0	82	6	48·9	+4·5	45	18	0	0	−0·32	0	..	0	−0·7	2·7	1·6	0	0	0	0	1	0	0	0	0	0	0
rdoi . . .	79·7	..	82	4 days	51·2	..	48	18	0	0	..	0	..	0	..	2·4	1·3	..	0	0	0	0	0	0	0	0	0	0
khimpur Kheri .	79·0	..	82	14	51·8	..	49	8,15,17	0	0	..	0	..	0	..	0·5	0·2	..	0	0	0	0	0	0	0	0	0	0
hraich . .	79·5	+4·5	82	2,12	52·3	+4·1	50	9 days	0	0	−0·34	0	..	0	−0·9	1·8	1·3	+0·1	0	0	0	0	0	0	0	0	0	0
P., West.																												
nsi . . .	82·1	+4·0	86	2	51·7	+3·4	48	18	0	0	−0·29	0	..	0	−0·8	3·1	2·3	+0·6	0	0	0	0	0	0	0	0	0	0
ra . . .	81·0	+5·6	85	3,4	47·2	+0·9	44	23,30	0	0	−0·39	0	..	0	−0·8	1·2	1·1	−1·2	0	0	0	0	2	1	0	0	0	0
ainpuri . .	81·3	+5·9	84	1,4,6	50·0	+3·7	47	6,17	0	0	−0·37	0	..	0	−0·8	1·9	0·9	−0·2	0	0	0	0	0	0	0	0	0	0
igarh . . .	79·2	+5·2	83	4	49·9	+2·8	47	4 days	0	0	−0·43	0	..	0	−1·2	..	..	..	0	0	0	0	0	0	0	0	0	0
reilly . . .	78·5	+5·4	82	4	52·1	+5·5	49	4 days	0·77	0	−0·41	0	..	0	−1·0	0·8	0·2	−1·0	0	0	0	0	0	0	0	0	0	0
eerut . . .	75·3	+2·4	81	2	48·7	+4·1	45	21	..	0	−0·48	0	..	0	−1·2	..	1·5	..	0	0	0	0	0	0	0	0	0	0
jibabad . .	76·3	..	80	4	49·1	..	45	9,14	0	0	..	0	..	0	..	2·8	1·9	..	0	0	0	0	0	0	0	0	0	0
orkee . . .	74·1	+2·9	79	13,14	47·9	+4·5	45	16,20,21	0·86	0·35	−0·33	0·25	27	1	−0·3	2·3	1·5	+0·2	3	0	0	2	0	0	0	0	0	0
hra Dun . .	71·3	+2·6	75	13,14	48·5	+3·4	46	22,30	0·77	0·47	−0·55	0·27	27	2	+0·3	2·0	2·0	+0·5	3	0	0	2	0	0	0	0	0	0
jab (I).																												
w Delhi . .	78·8	+5·2	83	3,4	50·1	+5·9	46	19	0·76	0	−0·43	0	..	0	−0·9	5·2	3·4	−1·8	0	0	0	1	2	0	0	0	0	0
sar . . .	80·7	+6·5	87	3	46·6	+3·4	40	30	0·20	0·14	−0·25	0·09	31	0	−1·0	2·4	2·6	−0·4	2	0	0	3	0	0	0	0	0	0
rnal . . .	76·5	..	81	2	47·1	..	43	17	0·68	0·24	..	0·13	31	1	..	2·9	2·1	..	3	0	0	0	0	0	0	0	0	0
abala . . .	78·4	+6·1	82	5,10,13	46·4 (e)	+2·6	..	..	0	1·03	+0·27	0·48	31	3	+1·5	3·2	2·7	+0·6	3	0	0	0	0	0	0	0	0	0
tiala . . .	78·1	..	83	5	46·5	..	42	17	0·65	0·37	−0·14	0·27	31	2	+0·8	4·5	3·6	..	2	0	0	0	0	0	0	0	0	0
dhiana . .	79·6	+8·8	84	2	47·8	+3·6	45	17	0·19	0	−0·72	0	..	0	−1·4	2·2	1·1	0	0	0	0	1	0	0	0	0	0	0
rozepur . .	76·7	..	83	1,2	46·8	..	42	21	0·16	0·15	..	0·15	27	1	..	1·4	0·6	..	1	0	0	1	0	0	0	0	0	0
ritsar . .	75·0	..	80	1,2,11	43·8	..	39	15,20	0·50	0·50	..	0·50	27	1	..	5·9	4·4	..	1	0	0	2	1	0	0	0	0	0
thankot . .	74·6	..	79	2	48·5	..	45	15	0·52	1·28	..	0·96	27	3	..	1·8	1·9	..	3	0	0	3	0	0	0	0	0	0
mu & Kashmir.																												
nagar . .	53·0	+4·8	60	3,15	30·2	+2·6	25	21	2·09	4·10	+2·78	2·16	27	3	−0·4	1·2	1·1	−0·9	5	3	0	0	2	0	22	0	0	0
lmarg . .	Closed during winter months																											
smarg .	..	..	..	..	..	..	..	..	..	0	−5·62	0	..	0	−7·3	..	..	..	..	..	..	..	..	..	..	..	..	..

(e) Mean of 26 days.

Table II—Summary of Observations of Temperature, Rainfall and Weather—December 1953.

Division and station.	Air temperature in °F, Mean maximum.	Departure from normal.	Highest.	Date.	Mean minimum.	Departure from normal.	Lowest.	Date.	Rainfall in inches. Total fall during 0830-1730 hours.	Total fall in 24 hours.	Departure from normal.	Heaviest fall in 24 hours.	Date.	No. of rainy days (0·10" or more). Total in the month.	Departure from normal.	Wind speed, miles per hour. Mean between 0830-1730 hours.	Mean 24 hours.	Departure from normal.	Weather phenomena—No. of days with 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
Jammu & Kashmir—contd.																												
Dras . . (R)																												
Kargil . . (R)																												
Leh . .	41·8	+6·5	50	3	18·3	+5·6	11	30	0	0·16	−0·03	0·16	27	1	+0·4	3·3	2·7	+1·3	1	0	0	0	0	0	0	0	0	0
Skardu . . (R)																												
Gurez . .	..	..	..	..	..	..	..	..	..	2·33	−0·44	0·80	25	5	−1·5	..	..	..	..	..	..	..	..	..	..	..	..	..
Gilgit . . (R)																												
Misgar . . (R)																												
Jammu . . (R)																												
Rajasthan, West.																												
Sri Ganganagar .	81·2	+7·6	88	1	48·7	+8·7	41	30	0	0	−0·12	0	..	0	−1·0	3·0	1·4	−2·2	0	0	0	0	4	0	0	0	0	0
Bikaner . . .	83·3	+6·8	89	2,23,24	46·8	+4·8	37	30	0	0	−0·20	0	..	0	−0·5	2·8	1·6	−0·9	0	0	0	0	0	0	0	0	0	0
Jaisalmer . .	81·9	..	91	13,22	51·6	..	45	1	0	0·05	..	0·05	31	0	..	5·5	3·1	..	1	0	0	0	0	0	0	0	0	0
Jodhpur . . .	86·1	+7·1	92	24	52·2	+1·7	48	28	0	0	−0·11	0	..	0	−0·3	3·9	3·2	−2·9	0	0	0	0	0	0	0	0	0	0
Phalodi . . .	82·2	..	90	1,2	53·3	..	42	28	0	0	−0·10	0	..	0	−0·2	6·3	3·9	..	0	0	0	0	0	0	0	0	0	0
Barmer . . .	85·5	+5·4	93	1	57·1	+3·6	50	28	0	0·01	−0·09	0·01	31	0	−0·3	3·2	2·6	−1·5	1	0	0	0	0	0	0	0	0	0
Rajasthan, East.																	(b)											
Sikar . . .	81·7	..	87	24	44·0	..	39	29,30	0·25	0·10	..	0·10	31	1	..	4·7	3·1	..	1	0	0	0	0	0	0	0	0	0
Jaipur . .	82·9	+6·5	88	2	51·3	+3·7	47	10	0·02	0	−0·30	0	..	0	−0·7	3·5	2·3	−0·8	0	0	0	0	0	0	0	0	0	0
Jaipur (Sanganer Aerodrome).	82·0	..	86	2	51·0	..	45	18	0·22	0	..	0	..	0	..	..	..	..	0	0	0	1	0	0	0	0	0	0
Ajmer . . .	81·7	+6·3	86	24,26	48·7	+2·1	46	18,29	0	0	−0·26	0	..	0	−0·4	2·5	1·1	−0·1	0	0	0	0	0	0	0	0	0	0
Kotah . . .	86·7	+7·6	91	1,2,3	55·9	+3·7	52	26	0	0	−0·21	0	..	0	−0·5	2·1	1·4	+0·4	0	0	0	0	0	0	0	0	0	0
Jhalawar . .	85·1	+6·9	91	2	49·1	+0·4	46	2	0	0	−0·19	0	..	0	−0·3	2·8	1·1	−0·4	0	0	0	0	0	0	0	0	0	0
Udaipur . . .	(a) 84·3	+6·1	..	..	47·1	−1·5	42	30	0	0	−0·11	0	..	0	−0·3	2·0	1·0	..	0	0	0	0	0	0	0	0	0	0
Madhya Bharat.																												
Gwalior (P.B.O.)	81·8	+5·5	87	3	47·2	+2·6	..	..	0	0	−0·24	0	..	0	−0·7	3·7	1·8	..	0	0	0	0	0	0	0	0	0	0
Sheopur Kalan .	84·1	..	89	3	48·3	..	46	9	0	0	..	0	..	0	..	1·8	1·2	..	0	0	0	0	0	0	0	0	0	0
Guna . . .	83·8	+5·9	87	4 days	46·9	+1·4	43	8	0	0	−0·42	0	..	0	−1·2	3·8	1·5	−0·1	0	0	0	0	0	0	0	0	0	0
Neemuch . .	84·2	+5·2	89	2,3	52·1	+2·7	46	30	0	0	−0·18	0	..	0	−0·5	3·3	2·8	−0·7	0	0	0	0	0	0	0	0	0	0
Ratlam . . .	85·2	..	90	1,2	54·0	..	50	2,20	0	0	..	0	..	0	..	4·7	3·3	..	0	0	0	0	0	0	0	0	0	0
Indore . . .	83·2	+3·5	88	3	49·9	+0·3	46	17	0	0	−0·27	0	..	0	−0·6	6·6	5·2	..	0	0	0	0	0	0	0	0	0	0
Bhopal (Bairagarh) .	82·3	+4·1	86	2	51·7	+2·1	47	2	0	0	−0·20	0	.	0	−0·5	4·7	3·2	−0·4	0	0	0	0	0	0	0	0	0	0
Vindhya Pradesh.																												
Nowgong . .	81·6	+7·1	86	6	47·5	+1·1	44	17	0	0	−0·40	0	..	0	−0·7	2·9	1·2	+0·3	0	0	0	0	1	0	0	0	0	0
Sutna . . .	81·3	+5·6	85	29,30,31	47·9	+0·4	45	17,18,19	0	0·21	−0·22	0·21	31	1	+0·1	2·7	1·5	−0·2	1	0	0	0	0	0	0	0	0	0
Umaria . . .	80·4	+3·5	86	29,30	46·6	+0·8	42	18	0	0	−0·35	0	..	0	−0·9	2·7	1·2	−0·6	0	0	0	0	0	0	0	0	0	0
Madhya Pradesh, East.																												
Gondia . . .	82·4	..	86	2	53·5	..	50	18	0	0	..	0	..	0	..	2·5	1·1	..	0	0	0	0	0	0	0	0	0	0
Pendra . . .	76·8	+3·1	80	4,29	51·7	+2·1	47	15	0	0	−0·29	0	..	0	−0·5	3·8	2·1	−0·2	0	0	0	0	0	0	0	0	0	0
Raigarh . . .	82·9	..	85	4 days	55·8	..	52	20	0	0	..	0	..	0	..	2·2	2·0	..	0	0	0	0	0	0	0	0	0	0
Ambikapur . .	75·7	..	80	30,31	46·6	..	42	19	0	0	..	0	..	0	..	3·9	2·8	..	0	0	0	0	0	0	0	0	0	0
Champa . . .	82·9	..	85	4 days	56·0	..	52	20	0	0	..	0	..	0	..	2·9	2·5	..	0	0	0	0	0	0	0	0	0	0
Raipur . . .	81·0	+1·0	87	2	55·9	+1·4	51	20	0	0	−0·20	0	..	0	−0·3	2·8	2·1	−0·6	0	0	0	0	0	0	0	0	0	0
Kanker . . .	80·5	+0·4	83	4 days	50·1	−0·6	47	4 days	0	0	−0·14	0	..	0	−0·4	1·5	1·1	−0·6	0	0	0	0	0	0	0	0	0	0
Chanda . . .	83·9	+1·4	87	22	51·4	−1·4	47	19,20	0	0	−0·27	0	..	0	−0·7	1·8	1·0	−0·3	0	0	0	0	0	0	0	0	0	0
Sironcha . .	84·4	..	87	2,3,9	55·2	..	50	20	0	0	..	0	..	0	..	3·3	1·2	..	0	0	0	0	0	0	0	0	0	0
Jagdalpur (P.B.O.) .	82·1	+2·1	87	2	49·9	−1·7	46	20	0	0	−0·16	0	..	0	−0·4	2·9	1·4	..	0	0	0	0	13	0	0	0	0	0
Madhya Pradesh, West.																												
Buldhana . .	82·8	..	87	2	60·0	..	57	17,26	0	0	..	0	..	0	..	4·9	3·5	..	0	0	0	0	0	0	0	0	0	0
Akola . . .	87·0	+2·3	91	1,2,3	52·3	−1·0	49	19	0	0	−0·54	0	..	0	−0·9	3·1	2·4	0	0	0	0	0	0	0	0	0	0	0
Amravati . .	85·8	+2·6	91	2	59·0	+0·6	54	19	0	0	−0·44	0	..	0	−0·8	4·7	4·1	+0·8	0	0	0	0	0	0	0	0	0	0
Yeotmal . . .	83·5	..	88	1,2	58·3	..	55	5 days	0	0	..	0	..	0	..	5·2	4·7	..	0	0	0	0	0	0	0	0	0	0
Khandwa . .	87·9	+3·8	91	2,3,6	50·2	−1·3	47	4 days	0	0	−0·32	0	..	0	−0·5	2·7	1·5	−0·7	0	0	0	0	0	0	0	0	0	0
Hoshangabad . .	84·2	+4·2	90	2	(i) 53·1	−0·8	..	..	0	0	−0·47	0	..	0	−0·7	2·2	1·1	−0·8	0	0	0	0	0	0	0	0	0	0
Sagar . . .	80·7	+3·8	85	4,6	56·4	+3·4	53	13,18,19	0	0	−0·51	0	..	0	−0·8	7·0	6·4	−0·9	0	0	0	0	0	0	0	0	0	0
Jabalpur . . .	82·7	+5·6	86	5 days	48·1	+1·6	44	18	0	0	−0·37	0	..	0	−0·7	2·8	1·7	+0·6	0	0	0	0	0	0	0	0	0	0
Mandla . . .	80·7	..	86	30	44·5	..	40	18	0	0	..	0	..	0	..	2·4	1·1	..	0	0	0	0	0	0	0	0	0	0
Seoni . . .	80·6	+2·9	85	1	50·7	+0·1	47	4 days	0	0	−0·52	0	..	0	−0·9	3·0	1·9	−0·1	0	0	0	0	0	0	0	0	0	0

(R) Register not received. (b) Mean of 29 days. (i) Mean of 22 days. (a) Mean of 30 days.

ion 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
ıya Pradesh.																												
s—contd.																												
indwara	81·0	..	85	1,3,4	49·3	..	46	17,19	0	0	..	0	..	0	..	3·8	2·3	..	0	0	0	0	0	0	0	0	0	0
l	81·0	..	85	4,6	47·5	..	43	12,19	0	0	..	0	..	0	..	4·0	2·5	..	0	0	0	0	0	0	0	0	0	0
pur	84·9	+3·9	89	2	52·2	−1·6	49	17,23	0	0	−0·47	0	..	0	−0·8	3·1	1·9	..	0	0	0	0	0	0	0	0	0	0
rat.																												
a	89·9	..	96	1	51·8	..	48	30	0	0	..	0	..	0	..	..	..	..	0	0	0	0	0	0	0	0	0	0
t	95·3	+7·4	102	2	61·1	+1·7	55	30	0	0	−0·08	0	..	0	−0·1	4·1	3·5	+0·8	0	0	0	0	0	0	0	0	0	0
edabad	89·4	+4·7	93	6 days	54·5	+0·7	48	31	0	0	−0·04	0	..	0	−0·1	3·9	2·4	+0·4	0	0	0	0	0	0	0	0	0	0
ad	89·1	+4·8	94	1,2	56·2	+3·1	52	31	0	0	−0·08	0	..	0	−0·3	5·4	4·2	+1·7	0	0	0	0	0	0	0	0	0	0
da	91·3	+4·1	96	9,21	51·7	+0·4	47	30	0	0	−0·02	0	..	0	−0·1	1·8	1·2	−0·9	0	0	0	0	0	0	0	0	0	0
da (Aerodrome)	89·7	..	93	5 days	55·2	..	50	30,31	0	0	..	0	..	0	..	5·1	3·4	..	0	0	0	0	1	0	0	0	0	0
ch	92·6	..	96	4 days	56·1	..	51	29,30	0	0	..	0	..	0	..	3·8	3·0	..	0	0	0	0	0	0	0	0	0	0
ashtra and Kutch																	(b)											
	87·5	+5·7	92	2,21	57·5	+3·1	48	29	0	0	−0·07	0	..	0	−0·1	3·2	2·0	−1·6	0	0	0	0	0	0	0	0	0	0
(P.B.O.)	..	..	..	..	..	..	..	..	0	0	..	0	..	0	..	3·2	1·8	..	0	0	0	0	0	0	0	0	0	0
rka	84·7	+3·5	90	5 days	65·7	+3·8	60	29,30	0	0	−0·09	0	..	0	−0·2	9·9	7·4	−0·1	0	0	0	0	0	0	0	0	0	0
andar	91·3	..	98	10	62·3	..	56	29,30,31	0	0	..	0	..	0	..	6·8	(a) 5·4	..	0	0	0	0	0	0	0	0	0	0
nagar	85·4	+2·9	92	11	55·3	+3·9	49	29,30	0	0	−0·08	0	..	0	−0·1	..	..	..	0	0	0	0	6	0	0	0	0	0
ot	88·5	+3·4	95	21	56·6	+3·1	48	30	0	0	−0·06	0	..	0	−0·2	2·8	1·5	−2·1	0	0	0	0	5	0	0	0	0	0
ot (Aerodrome)	88·9	..	94	21	55·6	..	47	29	..	0	..	0	..	0	..	..	6·2	..	0	0	0	0	3	0	0	0	0	0
val	89·2	..	96	10	58·4	..	51	30	0	0	−0·07	0	..	0	−0·2	9·1	7·2	+2·8	0	0	0	0	0	0	0	0	0	0
uva	90·4	..	94	1,9,23	60·9	..	53	30	0	0	..	0	..	0	..	9·0	5·6	..	0	0	0	0	0	0	0	0	0	0
magar	88·8	+3·7	93	3	57·5	+1·8	52	29	0	0	−0·06	0	..	0	−0·1	4·7	3·2	+0·1	0	0	0	0	0	0	0	0	0	0
magar (Aero-ome).	86·5	..	90	10	58·1	..	53	31	..	0	..	0	..	0	..	..	6·1	..	0	0	0	0	0	0	0	0	0	0
ıra.																												
anu	86·9	..	92	17,24	62·0	..	57	31	0	0	..	0	..	0	..	8·8	6·5	..	0	0	0	0	0	0	0	0	0	0
bay (Colaba)	89·4	+2·8	94	1	68·7	−0·1	63	30	0	0	−0·08	0	..	0	−0·2	5·0	4·4	−2·1	0	0	0	0	0	0	0	0	0	0
bay (Santacruz erodrome).	90·3	+2·3	94	1	60·5	+0·3	54	31	0	0	−0·08	0	..	0	−0·2	7·0	4·5	..	0	0	0	0	1	0	0	0	0	0
ag	87·0	+1·8	92	25	63·5	−1·7	60	31	..	0	−0·15	0	..	0	−0·4	..	5·0	+0·5	0	0	0	0	0	0	0	0	0	0
nai	85·1	..	92	16	73·2	..	71	31	0	0	..	0	..	0	..	7·7	6·9	..	0	0	0	0	0	0	0	0	0	0
agiri	89·9	..	93	1,11,23	65·5	..	63	24	0	0	..	0	..	0	..	..	..	..	0	0	0	0	0	0	0	0	0	0
gad	89·4	..	94	15	68·3	..	66	19,22	0	0	..	0	..	0	..	8·0	7·2	..	0	0	0	0	0	0	0	0	0	0
guria	90·8	..	94	1,15,23	62·2	..	59	20,21	0	0	..	0	..	0	..	..	..	..	0	0	0	0	0	0	0	0	0	0
magao	88·2	+1·5	91	15	70·5	−0·3	68	5,22	0	0	−0·35	0	..	0	−0·6	7·0	6·4	+1·0	0	0	0	0	0	0	0	0	0	0
war	91·2	..	93	6 days	63·9	..	59	22	0	0	..	0	..	0	..	..	..	..	0	0	0	0	0	0	0	0	0	0
avar	..	..	..	..	68·9	..	64	23	0	0	−0·37	0	..	0	−0·4	3·4	2·9	..	0	0	0	0	0	0	0		0	0
an (Desh).																												
ndala	..	..	..	..	..	..	..	..	..	0	−0·12	0	..	0	0	..	..	..	0	..	..	..	..	..	..	..	..	..
non	89·4	..	95	2	50·3	..	46	21	0	0	−0·22	0	..	0	−0·4	5·4	4·3	..	0	0	0	0	0	0	0	0	0	0
egaon	88·2	+3·2	94	3	50·7	−1·6	48	13,19,25	0	0	−0·21	0	..	0	−0·4	4·0	2·6	−0·3	0	0	0	0	0	0	0	0	0	0
lali	86·0	..	91	2	48·4	..	45	21	..	0	..	0	..	0	..	..	2·7	..	0	0	0	0	0	0	0	0	0	0
ednagar	86·1	+3·0	92	2	50·6	−2·3	48	4 days	0	0	−0·26	0	..	0	−0·5	5·1	2·7	−0·7	0	0	0	0	0	0	0	0	0	0
a	87·7	+2·8	93	3	50·8	−2·2	47	20	0	0	−0·15	0	..	0	−0·5	3·1	1·4	−2·1	0	0	0	0	0	0	0	0	0	0
a (Lohagaon erodrome).	87·0	..	91	2,3	55·1	..	50	21	0	0	..	0	..	0	..	..	..	..	0	0	0	0	0	0	0	0	0	0
	86·7	..	90	1,3,4	50·6	..	46	3	0	0	..	0	..	0	..	4·1	2·1	..	0	0	0	0	0	0	0	0	0	0
apur	86·1	+0·6	91	2,3	54·1	−4·4	50	31	0	0	−0·41	0	..	0	−0·7	6·9	5·1	−0·6	0	0	0	0	0	0	0	0	0	0
j	85·5	+1·5	89	2,3	54·4	−2·6	49	4	0	0	−0·28	0	..	0	−0·6	9·6	6·4	+1·5	0	0	0	0	0	0	0	0	0	0
hapur	85·7	..	90	3	55·8	..	53	3,20,22	0	0	..	0	..	0	..	10·6	6·3	..	0	0	0	0	0	0	0	0	0	0
pur	84·1	−0·1	88	3	55·4	−3·2	50	20	0	0	−0·25	0	..	0	−0·6	4·7	2·4	+0·1	0	0	0	0	0	0	0	0	0	0
aum	81·8	−0·2	86	27	56·0	−2·5	51	4	0	0	−0·34	0	..	0	−0·5	4·9	4·4	+1·3	0	0	0	0	0	0	0	0	0	0
aum (Sambre erodrome).	82·5	..	85	2,3,4	57·6	..	51	3,4	0	0	..	0	..	0	..	14·9	10·2	..	0	0	0	0	0	0	0	0	0	0
ag	84·1	+0·7	91	3	59·2	−2·1	56	20,21	0	0	−0·41	0	..	0	−0·6	7·2	4·5	+0·1	0	0	0	0	0	0	0	0	0	0
mabad, North.																												
angabad	87·3	+3·8	93	2	53·7	−2·1	50	21	0	0	−0·27	0	..	0	−0·5	5·1	4·2	−0·1	0	0	0	0	0	0	0	0	0	0
angabad (Chikal-ana Aerodrome).	85·5	..	91	2	46·4	..	43	14	0	0	..	0	..	0	..	6·0	3·4	..	0	0	0	0	0	0	0	0	0	0
hasi	85·5	..	91	2	52·2	..	49	17	0	0	−0·22	0	..	0	−0·4	3·8	7·8	..	0	0	0	0	1	0	0	0	0	0
angaudam	85·7	..	91	2	56·8	..	53	20	0	0	..	0	..	0	..	3·0	1·6	..	0	0	0	0	0	0	0	0	0	0
mabad	84·1	+0·4	88	2,3	53·5	−1·5	49	25	0	0	−0·18	0	..	0	−0·4	3·0	2·3	+0·5	0	0	0	0	0	0	0	0	0	0
r	80·8	−0·3	87	2	59·5	−2·0	56	18	0	0	−0·24	0	..	0	−0·5	7·6	5·0	−0·5	0	0	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
Hyderabad, South.																												
Gulbarga	85·3	−0·1	90	2,3	56·1	−2·6	50	20	0	0	−0·15	0	..	0	−0·3	8·4	6·2	+1·3	0	0	0	0	1	0	0	0	0	0
Raichur	83·4	−1·4	90	3	62·7	−1·0	59	21,22	0	0	−0·13	0	..	0	−0·3	6·8	5·8	+0·5	0	0	0	0	0	0	0	0	0	0
Mahbubnagar	82·5	..	89	3	58·8	..	54	20	0	0	..	0	..	0	..	7·8	5·7	..	0	0	0	0	0	0	0	0	0	0
Hyderabad (Begumpet Aerodrome).	82·3	+0·5	88	29	52·2	−3·7	47	20	0	0	−0·30	0	..	0	−0·4	6·4	4·8	+0·6	0	0	0	0	1	0	0	0	0	0
Hakimpet	80·6	..	86	3	59·0	..	56	13	0	0	..	0	..	0	..	..	..	..	0	0	0	0	2	0	0	0	0	0
Hanamkonda	83·6	+0·4	87	4	58·7	−1·6	55	20	0	0	−0·23	0	..	0	−0·4	4·7	2·7	+0·1	0	0	0	0	1	0	0	0	0	0
Bhadrachallam	83·9	..	86	1,2	55·9	..	51	23	0	0	..	0	..	0	..	4·1	2·3	..	0	0	0	0	0	0	0	0	0	0
Khammameth	85·9	..	88	6 days	58·2	..	54	20	0	0	..	0	..	0	..	2·8	1·5	..	0	0	0	0	0	0	0	0	0	0
Coastal Andhradesa.																												
Nellore	84·4	+0·7	89	2	67·0	−1·4	64	21	0	0	−2·86	0	..	0	−3·0	5·8	3·5	+0·5	0	0	0	0	0	0	0	0	0	0
Ongole	85·5	..	90	3	66·1	..	64	5 days	0	0	..	0	..	0	..	4·4	2·8	..	0	0	0	0	0	0	0	0	0	0
Gannavaram	86·3	..	90	2	63·4	..	59	2,20	0	0	..	0	..	0	..	7·4	5·5	..	0	0	0	0	0	0	0	0	0	0
Masulipatam	82·9	+0·3	87	2,3	66·5	0	63	20	0	0	−0·65	0	..	0	−0·9	7·3	5·2	+1·0	0	0	0	0	0	0	0	0	0	0
Kakinada	82·8	+2·3	87	4 days	65·4	−1·0	63	8	0	0	−0·70	0	..	0	−0·8	0	0	0	0	0	0	0	0	0	0	0	0	0
Visakhapatnam	84·3	−0·1	86	2,17	63·9	−1·3	58	7	0	0	−0·57	0	..	0	−0·9	6·7	4·3	+0·9	0	0	0	0	0	0	0	0	0	0
Calingapatam	80·8	+0·5	87	2	62·5	−0·7	60	4 days	0	0	−0·54	0	..	0	−0·4	8·0	6·6	+1·1	0	0	0	0	0	0	0	0	0	0
Rentachintala	86·9	+1·1	90	3	58·9	−3·0	56	20,21.23	0	0	−0·12	0	..	0	−0·4	2·7	1·9	−1·3	0	0	0	0	0	0	0	0	0	0
Rayalaseema.																												
Arogyavaram	77·7	..	81	2,3	58·1	..	54	21	0	0·02	..	0·02	28	0	..	4·7	2·6	..	1	0	0	0	1	0	0	0	0	0
Cuddapah	86·9	+0·9	91	3	65·3	−0·4	62	22,27	0	0	−0·81	0	..	0	−1·5	..	..	..	0	0	0	0	0	0	0	0	0	0
Bellary	84·9	−0·8	92	6	61·3	−0·6	59	4	0	0	−0·13	0	..	0	−0·3	4·3	2·1	−0·3	0	0	0	0	0	0	0	0	0	0
Kurnool	86·0	−0·4	92	3	58·5	−2·3	52	21	0	0	−0·20	0	..	0	−0·3	3·3	2·1	−0·3	0	0	0	0	0	0	0	0	0	0
Anantapur	83·6	..	89	3	60·2	..	55	21	0	0	−0·25	0	..	0	−0·5	5·6	4·3	..	0	0	0	0	0	0	0	0	0	0
Tamilnad.																												
Palayamcottai	87·0	..	90	31	72·7	..	69	4,22	0·42	0·59	−3·65	0·25	27	3	−2·4	7·4	5·7	..	3	0	0	0	0	0	0	0	0	0
Pamban	82·2	−0·4	84	5 days	75·0	+0·2	66	10	0·93	3·31	−4·28	2·06	14	6	−3·4	11·9	12·1	+0·7	8	0	0	0	0	0	0	0	0	0
Mathurai	85·9	+1·2	88	5 days	70·0	−0·2	67	6 days	0·03	0·45	−1·56	0·22	25	2	−1·6	5·7	3·7	−0·5	4	0	0	0	0	0	0	0	0	0
Nagapattinam	81·4	−0·6	83	2,3,11	72·2	−0·1	69	22,23	1·93	5·74	−5·21	1·29	13	9	−0·1	13·0	12·5	+4·2	12	0	0	1	0	0	0	0	0	0
Tiruchirapalli	84·9	−0·2	88	3	69·5	0·0	65	8,22	0·25	0·34	−2·46	0·10	27	1	−3·5	6·9	5·3	−0·1	7	0	0	0	0	0	0	0	0	0
Coimbatore	84·3	0	87	4 days	67·1	+1·1	63	4 days	0	0·10	−1·26	0·10	27	1	−1·6	6·1	4·2	+1·7	1	0	0	0	0	0	0	0	0	0
Coimbatore (Peelamedu Aerodrome).	84·8	..	87	7 days	64·3	..	58	10	0	0·15	..	0·08	15	0	..	9·0	5·8	..	2	0	0	0	1	0	0	0	0	0
Salem	86·9	+0·8	90	3	67·2	+1·3	62	4	0	0	−1·03	0	..	0	−2·2	5·4	5·7	+1·7	0	0	0	0	0	0	0	0	0	0
Kallakurichi	84·1	..	88	3	69·1	..	65	22,30	0·38	0·55	..	0·38	15	1	..	..	..	..	4	0	0	0	0	0	0	0	0	0
Cuddalore	82·0	−0·6	86	3	70·3	+0·1	66	22,23	1·23	2·77	−4·72	1·25	15	5	−1·3	8·7	6·6	+1·8	6	0	0	0	0	0	0	0	0	0
Vellore	83·5	+1·1	88	23	64.2	−0·6	60	4 days	0·26	0·50	−2·12	0·26	27	2	−1·9	4·8	3·7	+1·4	3	0	0	0	0	0	0	0	0	0
Madras	82·9	−1·2	86	3	69·0	+0·1	65	21,22,24	0·10	1·45	−4·00	1·37	26	1	−4·4	8·7	7·8	−0·7	3	0	0	0	0	0	0	0	0	0
Madras (Nungambakkam).	82·6	..	86	3	69·3	..	64	24	..	1·30	..	1·17	26	1	..	..	4·0	..	3	0	0	0	0	0	0	0	0	0
Malabar & South Kanara.																												
Mangalore	90·5	+1·4	95	1	70·7	−0·5	67	4 days	0	0	−0·51	0	..	0	−0·7	6·8	5·4	+0·9	0	0	0	0	0	0	0	0	0	0
Koshikode	90·1	+2·4	93	2,13	71·2	−0·1	65	24	0	0	−1·01	0	..	0	−1·6	7·0	5·7	+1·7	0	0	0	1	0	0	0	0	0	0
Palghat	90·3	..	93	31	71·8	..	68	5	0	0·04	..	0·04	15	0	..	9·8	7·9	..	1	0	0	0	0	0	0	0	0	0
Mysore.																												
Chitaldrug	81·1	−1·3	86	2	60·0	−1·8	55	20	0	0	−0·52	0	..	0	−0·8	5·9	4·2	−0·4	0	0	0	0	0	0	0	0	0	0
Shimoga	83·5	..	87	2	53·6	..	49	22	0	0	..	0	..	0	..	6·1	2·9	..	0	0	0	0	11	0	0	0	0	0
Hassan	80·6	0	84	2,30	56·5	−1·1	53	4 days	0	0	−0·66	0	..	0	−1·1	5·3	3·5	+0·5	0	0	0	0	0	0	0	0	0	0
Bangalore (Central Observatory).	79·2	+1·0	83	2,3	58·4	+0·2	53	9	0	0	−0·44	0	..	0	−1·2	6·8	5·7	+0·9	0	0	0	0	5	0	0	0	0	0
Bangalore (Aerodrome).	82·5	..	86	1	58·8	..	54	9	0	0	..	0	..	0	..	..	..	..	0	0	0	0	8	0	0	0	0	0
Mysore	80·7	−1·2	84	2	60·6	−0·5	56	3,7,8	0	0	−0·40	0	..	0	..	8·9	7·3	+1·0	0	0	0	0	0	0	0	0	0	0
Balehonnur	81·3	+2·4	83	27,28	56·4	−2·2	54	13 days	..	0	−0·47	0	..	0	−0·8	..	..	..	0	0	0	0	0	0	0	0	0	0
Travancore-Cochin.																												
Fort Cochin	87·2	+0·7	90	23	73·9	−0·3	69	8,9	0	0·83	−0·77	0·83	27	1	−1·5	5·8	3·6	0	1	0	0	2	0	0	0	0	0	0
Cochin (Willingdon Island Aerodrome).	88·4	..	91	28	71·9	..	67	4 days	0	0·40	..	0·40	27	1	..	4·2	2·3	..	1	0	0	3	0	0	0	0	0	0
Alleppey	88·2	..	93	15	73·2	..	68	8,9	0	0·95	..	0·75	27	2	..	7·8	5·2	..	2	0	0	3	0	0	0	0	0	0
Trivandrum	88·2	+0·9	91	11	72·5	+0·1	69	5,6	0·74	1·50	−0·97	0·74	16	2	−1·7	4·2	3·3	+0·7	4	0	0	2	0	0	0	0	0	0

ion 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
tations exclud-Kashmir.																												
ima	62·0	..	65	4 days	51·5	..	48	29,30	0·07	0·41	..	0·20	16	2	..	2·2	2·3	..	5	0	0	0	5	0	0	0	0	0
l	69·7	..	73	24	54·9	..	52	28,29	0	0·11	..	0·06	14	0	..	3·7	3·2	..	2	0	0	0	0	0	0	0	0	0
long	61·6	0	65	4 days	41·8	+1·8	38	29,30	0·18	0·32	+0·04	0·19	4	1	+0·1	2·3	1·2	0	3	0	0	0	0	0	0	0	0	0
rrapunji	64·4	+2·1	69	12	50·4	+2·4	44	29	0	0·01	−0·48	0·01	16	0	−0·7	4·8	3·7	+1·2	1	0	0	0	1	0	0	0	0	0
jiling (Rajawan).	56·9	+4·8	63	3	41·2	+2·8	39	8 days	0·05	0·08	−0·19	0·08	5	0	−0·7	1·4	1·1	+0·3	1	0	0	0	6	0	0	0	0	0
impong	71·2	+8·9	80	8,9	49·6	+1·4	46	2,19	0	0	−0·32	0	..	0	−0·7	7·7	4·7	−2·1	0	0	0	0	0	0	0	0	0	0
mandu	67·4	+1·5	71	5 days	40·3	+2·6	35	30	0	0	−0·33	0	..	0	−0·8	1·0	0·5	−0·5	0	0	0	0	16	0	0	0	0	0
iteswar (Kumaon)	56·8	+3·6	63	10	40·7	+2·3	32	31	0·19	0·13	−0·92	0·08	31	0	−1·8	7·8	7·6	+2·4	2	2	0	2	1	0	0	0	0	0
nital	55·0	..	62	7,8	39·3	..	36	31	0·23	0·03	..	0·03	31	0	..	6·3	4·5	..	1	0	0	1	1	0	0	0	0	0
pal	30·5	..	36	1	13·1	..	7	25,26,27	..	2·68	..	1·10	29	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
una Chetty	..	..	..	..	..	..	..	..	..	1·60	..	1·10	27	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
ssooree	56·4	+2·8	71	2	42·1	+2·5	34	27,28	0·50	0·63	−0·75	0·55	27	1	−1·6	4·8	4·0	−0·5	2	1	0	2	0	0	10	0	0	0
anali (R)																												
a	..	..	..	..	..	..	..	..	..	5·80	..	2·10	28	28	..	..	..	..	..	..	..	..	..	..	..	..	..	..
la	56·2	+5·6	64	2	43·7	+4·4	32	31	0·41	0·17	−1·07	0·09	31	0	−2·4	2·4	2·3	−0·7	2	0	0	2	0	0	0	0	0	0
arampur	..	..	..	..	..	..	..	..	..	0·15	−1·63	0·15	31	1	−1·5	..	..	..	..	..	..	..	..	..	..	..	..	..
elang (R)																												
ndla (R)																												
thi	..	..	..	..	..	..	..	..	..	5.17	..	2·51	30	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
ksar (R)																												
housie	61·5	..	72	2	44·6	..	31	28	1·27	2·52	−1·33	1 66	27	3	−1·5	1·4	2·0	..	5	2	0	3	0	0	0	0	0	0
aramshula	66·6	..	72	2,11	50·1	..	44	27	1·05	1·46	..	1·19	27	2	..	2·3	1·6	..	4	0	0	3	0	0	0	0	0	0
hmarhi	75·2	+3·9	79	1,4	46·0	+0·2	41	13,18,26	0	0	−0·43	0	..	0	−0·8	2·7	2·1	+0·3	0	0	0	0	0	0	0	0	0	0
a	74·7	+6·3	82	12	55·0	+2·5	48	30	0	0	−0·12	0	..	0	−0·3	3·0	2·5	−0·4	0	0	0	0	0	0	0	0	0	0
habaleshwar	76·2	+3·5	83	2	56·5	0	53	15	0	0	−0·26	0	..	0	−0·6	3·0	3·6	−3·5	0	0	0	0	0	0	0	0	0	0
ndi Hills	69·8	..	72	2,3,16	54·2	..	50	12,13	..	0	..	0	..	0	..	..	..	..	0	0	0	0	0	0	0	0	0	0
rcara	74·9	0	77	2,4	57·5	−0·2	53	3	0	0	−0·72	0	..	0	−1·2	8·4	7·8	+3·2	0	0	0	0	0	0	0	0	0	0
daikanal	61·8	+0·1	67	8,30	47·1	−0·1	41	23	1·01	3·18	−1·98	1 42	15	9	+1·9	8·9	9·0	+0·8	10	0	0	0	8	0	12	0	0	0
tacamund	68·5	+3·5	71	6 days	43·5	−0·4	36	24	0	0·03	−1·69	0·02	27	0	−3·7	3·5	3·2	+0·3	2	0	0	0	0	0	0	0	0	0
onoor	66·1	+0·5	70	1,14	46·1	−3·1	37	5	..	1·81	−4·77	0·86	27	5	−1·6	..	4·9	+1·7	7	0	0	0	1	0	0	0	0	0
m.																												
angu	..	..	..	..	..	..	..	..	..	0·72	..	0·15	29	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
ungthang	..	..	..	..	..	..	..	..	..	0·71	..	0·43	4	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
chen	..	..	..	..	..	..	..	..	..	0·23	..	0·13	4	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
t.																												
tung (Chumbi)	50·1	+3·3	54	23	..	..	..	..	..	0	−0·37	0	..	0	−0·8	..	..	..	0	0	0	0	0	0	0	0	0	0
asa	50·2 (a)	..	..	..	14·7 (a)	..	..	..	..	0	..	0	..	0	..	..	1·2	..	0	0	0	0	0	0	0	0	0	31
antse	49·3	+4·7	59	9	8·1	−1·3	1	23	..	0	−0·01	0	..	0	0	..	0·5	−3·0	0	0	0	0	0	0	0	0	0	0
on.																												
lombo	86·5	+0·1	88	11 days	72·8	+0·3	68	4	1·77	4·73	−0·85	2·05	26	6	−1·6	..	..	..	8	0	0	5	0	0	0	0	0	0
incomalee	81·0	−1·5	84	16	76·1	+1·7	72	3,5	4·18	8·13	−5·53	1·87	27	9	−4·6	..	..	..	17	0	0	1	0	0	0	0	0	0
tticoloa	82·3	..	84	4 days,	73·4	..	69	23	2·77	18·17	..	3·10	27	15	..	..	..	..	19	0	0	0	0	0	0	0	0	0
mbantota	85·9	+1·3	89	9	73·7	+0·9	68	23	0·50	0.84	−4·15	0·43	25	2	−6·3	..	..	..	9	0	0	0	0	0	0	0	0	0
nnar	82·9	..	85	2,3,15	75·5	..	70	3	3·22	4·31	..	1·58	25	7	..	..	..	..	12	0	0	0	0	0	0	0	0	0
ROMETEORO-GICAL OBSER-TORIES.																												
odar Catchment.																												
karo	79·5	..	84	30	50·1	..	46	18,19	0	0	..	0	..	0	..	2·0	1·6	..	0	0	0	0	0	0	0	0	0	0
zaribagh	74·5	..	79	30,31	51·0	..	48	20	0	0	..	0	..	0	..	3·6	1·8	..	0	0	0	0	0	0	0	0	0	0
rhi	76·9	..	82	30	52·1	..	49	18,19	0	0	..	0	..	0	..	2·8	1·9	..	0	..	..	..	..	..	..	..	..	..
mgarh	81·0	..	86	31	48·5	..	44	18,19	0	0	..	0	..	0	..	1·8	1·0	..	0	..	..	..	..	..	..	..	..	..
anbad	80·5	..	85	31	57·8	..	54	19,20	0	0	..	0	..	0	..	3·8	3·3	..	0	0	0	0	0	0	0	0	0	0
ansol	..	..	..	..	..	..	..	..	..	0	..	0	..	0	..	..	..	..	0	..	..	..	..	..	..	.	..	..
anwar (R)																												
mri	..	..	..	..	..	..	..	..	..	0	..	0	..	0	..	..	..	..	0	..	..	..	..	..	..	..	..	..
hungarh	..	..	..	..	..	..	..	..	..	0	..	0	..	0	..	..	..	..	0	..	..	..	..	..	..	..	..	..
lganj (Giridih)	..	..	..	..	..	..	..	..	..	0	..	0	..	0	..	..	..	..	0	..	..	..	..	..	..	..	..	..
andwa	..	..	..	..	..	..	..	..	..	0	..	0	..	0	..	..	..	..	0	..	..	..	..	..	..	..	..	..
punki (Chas Road)	..	..	..	..	..	..	..	..	..	0	..	0	..	0	..	..	..	..	0	..	..	..	..	..	..	..	..	..

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

Division and Stations.	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.																												
Mahanadi Catchment.																												
Baramul	83·6	..	85	5 days	51·6	..	48	18,21	0	0	..	0	..	0	..	1·8	1·0	..	0	..	..	..	..	..	..	..	..	..
Hirakud	83·6	..	86	5	55·5	..	53	19,20,21	0	0	..	0	..	0	..	1·6	0·7	..	0	..	..	..	4	..	..	..	..	..
Barkachhar	82·2	..	86	1,3	50·1	..	46	19	0	0	..	0	..	0	..	2·9	1·4	..	0	..	..	..	5	..	..	..	..	..
Sonepur	81·8	..	84	1,31	55·8	..	53	20	..	0	..	0	..	0	..	..	..	..	0	..	..	..	..	..	..	..	..	..
Ginabahar	79·9	..	83	8	49·1	..	45	5,19	..	0	..	0	..	0	..	..	..	..	0	..	..	..	..	..	..	..	..	..
Ganga Catchment.																												
Tapoban	60·9	..	75	17	39·4	..	34	30	..	0·15	..	0·10	30	1	..	..	..	..	2	..	..	..	..	..	..	..	..	..
Badrinath	Closed during winter months																											
Narbada Catchment.																												
Punasa	88·4	..	94	2	50·9	..	47	17	0	0	..	0	..	0	..	2·3	1·9	.	0	..	..	..	..	..	..	..	..	..
Bagra Tawa	83·6	..	90	2	47·9	..	43	18	0	0	..	0	..	0	..	2·4	1·3	..	0	..	..	..	..	..	..	..	..	..
Thikri	89·1	..	93	2	51·0	..	47	19	..	0	..	0	..	0	..	..	..	..	0	..	..	..	..	..	..	..	..	..
Tapti Catchment.																												
Nandurbar	90·6	..	95	1,2	59·7	..	56	26	..	0	..	0	..	0	..	..	..	..	0	..	..	..	..	..	..	..	..	..
Sabarmati Catchment																												
Jhadol	83·8	..	90	2	..	..	..	..	..	0	..	0	..	0	..	..	..	..	0	..	..	..	..	..	..	..	..	..
Dharoi	90·3	..	94	2	55·4	..	49	18	..	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, miles per hour.	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
Islands.																										
able Island	0830	108	1013·1	1009·3	..	81·3	74·3	70·4	25·8	70	..	4·3	..	7·6	0	1	29	1	26	1	2	0	0	0	0	1
	1730	"	1011·0	1007·2	..	79·0	72·9	69·8	25·0	74	..	4·5	..	5·5	0	0	30	1	22	1	4	0	0	0	2	1
laya Bandar	0830	76	1014·1	1011·4	..	81·0	75·3	72·7	27·7	77	..	3·1	..	5·8	0	3	18	0	17	3	0	0	1	0	0	10
	1730	"	1011·4	1008·8	..	79·3	74·7	72·4	27·4	80	..	3·6	..	6·5	0	2	25	1	23	1	0	0	0	1	1	4
ong Island	0830	110	1013·9	1010·1	..	82·3	73·3	72·7	24·0	73	..	3·9	..	1·4	0	0	21	1	2	0	2	1	7	6	2	10
	1730	"	1011·6	1007·9	..	78·7	74·3	72·4	26·8	81	..	3·8	..	0·9	0	0	14	0	3	1	0	1	5	2	2	17
ort Blair	0530	259	1012·0	1003·0	..	76·0	73·4	72·4	27·1	88	..	4·1	..	6·9	0	3	24	2	12	12	0	0	0	1	0	4
	0830	"	1013·7	1004·9	+0·7	82·8	76·8	74·0	28·8	75	+4	4·3	+0·1	8·2	0	5	25	1	17	9	1	0	1	0	1	1
	1130	"	1011·9	1003·1	..	84·0	77·2	74·1	28·5	73	..	4·3	..	8·7	0	7	24	0	15	15	0	1	0	0	0	0
	1730	"	1011·3	1002·3	..	78·6	74·8	72·9	27·4	83	..	4·0	..	7·5	0	2	27	0	18	9	0	1	0	0	1	2
	2330	"	1012·5	1003·5	..	77·2	74·0	72·5	27·5	86	..	3·2	..	8·5	0	5	25	1	14	12	0	1	0	2	0	1
ondul	0830	30	1012·3	1011·3	..	82·1	77·1	75 0	29·5	79	..	5·4	..	7·3	0	4	21	1	24	0	0	0	0	0	0	6
	1730	"	1009·4	1008·4	..	80·9	76·3	74·2	28·2	81	..	5·3	..	4·8	0	1	21	1	21	0	0	0	0	0	0	9
ar Nicobar	0830	33	1012·8	1011·6	..	84·5	77·1	73·8	28·3	70	..	4·4	..	2·5	0	0	27	0	23	2	2	0	0	0	0	4
	1730	"	1010·6	1009·4	..	80·3	75·9	74·0	28·4	81	..	4·3	..	1·7	0	0	20	0	14	3	3	0	0	0	0	11
oncowry	0830	70	1012·1	1009·9	..	84·1	78·5	75·8	30·9	77	..	5·4	..	1·2	0	0	18	2	4	5	2	2	1	0	2	13
	1730	"	1009·2	1006·9	..	79·4	75·7	73·8	29·0	83	..	4 5	..	0·3	0	0	5	3	1	1	0	0	0	0	0	26
am.																										
ibrugarh	0830	348	1018·8	1006·4	0	66·9	62·2	59·1	17·2	76	−15	2·5	−0·1	1·5	0	0	24	9	7	5	0	1	0	0	2	7
	1730	,,	1015·3	1002·9	..	65·4	61·4	58·5	16·8	79	..	1·5	..	0·1	0	0	1	0	1	0	0	0	0	0	0	30
ibrugarh (Mohanbari Aerodrome).	0230	364	1016·6	1003·3	..	52·5	52·0	51·5	13·1	97	..	2·5	..	0·2	0	0	2	1	1	0	0	0	0	0	0	29
	0530	"	1017·5	1004·2	..	52·1	51·7	51·4	12·9	98	..	3·9	..	0·1	0	0	2	0	0	1	0	1	0	0	0	29
	0830	"	1019·2	1006·2	..	64·9	61·2	58·4	17·0	80	..	2·5	..	1·7	0	0	22	0	19	3	0	0	0	0	0	9
	1130	"	1016·8	1004·0	..	72·8	63·0	55·5	15·1	56	..	2·3	..	2·8	0	0	27	6	15	3	1	1	0	0	1	4
	1730	"	1015·5	1002·5	..	63·4	60·0	57·8	16·0	82	..	2·5	..	0·4	0	0	4	1	3	0	0	0	0	0	0	27
	2330	"	1017·2	1004·0	..	54·0	53·3	52·6	13·7	95	..	2·4	..	0	0	0	0	0	0	0	0	0	0	0	0	31
bsagar	0830	317	1019·1	1008·0	+0·5	63·1	61·9	59·5	18·6	89	−5	4·8	−1·1	1·5	0	0	20	7	4	2	2	1	2	0	2	11
	1730	"	1015·3	1004·2	..	67·3	63·7	61·7	18·6	82	..	4·5	..	1·3	0	0	18	6	5	1	1	0	0	0	5	13
ezpur	0830	258	1018·9	1009·6	−0·1	61·9	59·6	57·6	16·1	86	−2	0·9	−1·1	1·3	0	0	20	1	13	5	1	0	0	0	0	11
	1730	"	1014·6	1005·5	..	69·1	63·3	59·4	17·1	71	..	1·0	..	0·2	0	0	3	0	2	1	0	0	0	0	0	28
ezpur (P.B.O.)	0230	257	1016·5	1007·1	..	57·3	56·7	56·1	15·5	96	..	1·7	..	0·5	0	0	6	0	3	2	0	1	0	0	0	25
	0530	"	1017·4	1008·0	..	55·4	54·9	54·2	14·5	96	..	1·3	..	0·3	0	0	4	0	4	0	0	0	0	0	0	27
	0830	"	1019·0	1009·7	..	64·5	60·8	58·0	16·7	80	..	1·9	..	1·5	0	0	19	2	8	9	0	0	0	0	0	12
	1130	"	1017·0	1007·8	..	73·3	64·7	59·0	17·1	61	..	1·5	..	2·6	0	0	30	5	13	9	3	0	0	0	0	1
	1730	"	1015·3	1006·0	..	66·6	62·4	59·5	17·6	78	..	1·4	..	0·6	0	0	8	1	3	4	0	0	0	0	0	23
	2330	"	1017·1	1007·8	..	59·0	58·2	57·4	16·0	95	..	1·5	..	0·4	0	0	5	2	0	1	0	1	0	1	0	26
auhati	0830	182	1018·7	1012·2	+0·5	62·7	61·1	59·8	17·8	91	+2	2·0	+0·1	1·6	0	0	25	9	6	1	2	2	1	0	4	6
	1730	"	1014·2	1007·7	..	70·6	65·2	61·7	18·7	74	..	2·4	..	0·5	0	0	6	0	1	0	3	0	1	0	1	25
auhati (Kaikuchi Aerodrome).	0230	162	1015·6	1009·7	..	57·3	56·9	56·4	15·5	97	..	0·7	..	0·6	0	0	7	2	2	1	0	1	0	1	0	24
	0530	,,	1016·1	1010·2	..	55·6	55·5	55·4	15·1	99	..	2·4	..	0·4	0	0	5	1	1	0	0	2	1	0	0	26
	0830	"	1018·4	1012·6	..	64·2	62·1	60·6	18·2	88	..	2·7	..	1·0	0	0	13	1	8	2	0	1	0	0	1	18
	1130	"	1016·0	1010·2	..	73·9	66·2	61·1	18·7	65	..	1·4	..	4·7	0	0	27	7	15	3	0	0		0	1	4
	1730	"	1014·6	1008·8	..	66·7	63·8	62·0	18·8	85	..	2·2	..	0·8	0	0	7	1	2	0	0	2	2	0	0	24
	2330	"	1016·2	1010·4	..	58·9	58·3	57·5	16·4	96	..	0·8	..	1·2	0	0	16	6	2	0	0	3	1	4	0	15
hubri	0830	115	1018·8	1014·6	+0·7	66·1	62.8	60·5	17·8	83	0	1·6	+0·3	2·8	0	0	30	3	11	16	0	0	0	0	0	1
	1730	"	1014·8	1010·7	..	70·6	64·9	61·1	18·7	72	..	2·0	..	2·2	0	0	27	2	7	6	3	0	2	0	7	4
ilchar	0830	96	1018·0	1014·5	+0·1	67·3	63·7	61·4	18·6	81	−2	1·9	−0·1	0·3	0	0	4	1	1	1	1	0	0	0	0	27
	1730	"	1014·1	1010·7	..	73·8	67·1	63·1	19·9	69	..	1·2	..	0	0	0	0	0	0	0	0	0	0	0	0	31
ura	0830	1215	1018·5	975·6	..	63·6	59·3	56·0	15·1	76	..	0·8	..	1·6	0	0	20	0	1	13	6	0	0	0	0	11
	1730	"	1014·7	972·4	..	68·3	64·3	61·5	18·8	79	..	2·8	..	2·7	0	0	30	0	3	17	10	0	0	0	0	1
umding	0830	488	1019·3	1001·8	..	62·5	60·1	58·1	16·5	86	−5	1·1	..	0·3	0	0	5	0	2	0	2	0	0	0	1	26
	1730	"	1014·3	996·9	..	72·0	66·1	62·5	19·1	73	..	2·8	..	0·4	0	0	5	0	1	1	3	0	0	0	0	26
gartala	0230	52	1014·0	012·1	..	58·5	57·7	57·0	15·7	96	..	0·6	..	0	0	0	0	0	0	0	0	0	0	0	0	31
	0530	"	1014·4	1012·5	..	56·1	55·5	54·9	15·1	96	..	0·9	..	0	0	0	0	0	0	0	0	0	0	0	0	31
	0830	"	1016·2	1014·3	..	69·7	65·9	63·5	19·8	81	..	1·2	..	0·3	0	0	3	2	1	0	0	0	0	0	0	28
	1130	"	1014·5	1012.7	..	79·4	67·2	59·2	17·5	50	..	2·2	..	1·4	0	0	10	5	1	0	2	0	0	0	2	21
	1730	"	1013·0	1011·1	..	71·8	65·7	61·7	19·0	71	..	1·4	..	0	0	0	0	0	0	0	0	0	0	0	0	31
	2330	"	1014·7	1012·1	..	61·1	59·9	58·8	17·3	93	..	0·8	..	0	0	0	0	0	0	0	0	0	0	0	0	31

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 s. 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, miles per hour	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
Assam—*contd.*																										
Imphal	0830	2628	907·0	929·2	..	58·6	54·7	51·5	12·8	78	..	3·1	..	2·2	0	0	24	2	1	2	3	13	1	1	1	7
	1130	"	905·4	926·8	..	69·3	59·4	52·0	12·8	55	..	2·8	..	3·5	0	0	24	0	0	2	5	13	4	0	0	7
	1730	"	903·2	925·2	..	61·8	56·3	52·5	13·0	70	..	2·5	..	1·8	0	0	21	6	2	0	1	0	2	3	7	10
West Bengal.																										
Dum Dum	0230	33	1014·5	1013·4	..	61·4	58·9	56·7	15·8	85	..	0·4	..	1·8	0	0	16	7	1	0	0	0	1	2	5	15
	0530	"	1014·9	1013·8	..	59·8	57·7	55·7	15·5	86	..	0·5	..	2·6	0	0	19	12	2	0	0	0	0	0	5	12
	0830	"	1017·2	1016·0	..	68·0	62·4	58·1	16·8	71	..	0·7	..	3·5	0	1	25	18	4	0	0	0	0	0	4	5
	1130	"	1015·8	1014·6	..	78·8	65·1	55·3	15·2	46	..	1·5	..	5·2	0	1	26	12	6	1	2	2	0	1	3	4
	1730	"	1013·7	1012·5	..	74·5	64·7	57·5	16·2	56	..	1·4	..	2·1	0	0	18	9	1	0	0	0	0	1	7	13
Calcutta	2330	"	1015·5	1014·3	..	64·1	60·6	58·2	16·5	81	..	0·4	..	1·3	0	0	15	5	0	1	0	2	1	0	6	16
	0830	21	1017·4	1016·7	−0·3	68·3	63·6	60·4	18·2	76	−1	0·3	−1·1	1·2	0	0	15	8	1	0	0	0	0	0	6	16
	1130	"	1015·5	1014·8	..	79·1	67·2	59·5	17·3	51	..	1·7	..	3·1	0	0	22	8	6	0	0	0	2	0	6	9
Barrackpore	1730	"	1013·9	1013·2	..	72·4	66·2	62·1	19·4	70	..	1·2	..	0·3	0	0	4	1	1	0	0	1	0	0	1	27
	0530	23	1015·2	1014·4	..	60·5	58·7	57·4	15·9	90	..	0·7	..	1·3	0	0	9	3	0	0	0	0	0	0	6	22
	0830	"	1017·5	1016·7	..	67·9	63·0	60·3	18·0	76	..	0·5	..	2·4	0	0	23	6	0	1	0	0	0	0	16	8
	1130	"	1015·9	1015·1	..	77·5	66·2	59·6	16·6	55	..	1·4	..	4·4	0	0	30	8	1	2	0	1	2	2	14	1
	1730	"	1014·0	1013·2	..	71·1	64·2	60·4	17·3	69	..	1·2	..	1·4	0	0	19	7	1	0	0	0	1	2	8	12
Saugor Island	2330	"	1015·5	1014·7	..	63·9	60·9	58·9	16·9	83	..	0·3	..	0·7	0	0	9	3	0	0	1	0	0	0	5	22
	0830	10	1016·6	1016·3	−0·8	71·0	65·6	62·1	19·0	74	−3	0·6	−1·3	7·7	0	1	30	16	9	0	0	0	0	0	6	0
Sandheads	1730	"	1013·2	1012·9	..	74·5	66·3	61·1	18·6	63	..	1·4	..	5·0	0	0	31	6	2	0	0	3	8	6	6	0
	0530	32	1014 8	1013·7	..	74·6	66·2	60·6	18·1	62	..	1·1	..	4·6	0	0	23	10	6	0	0	0	1	0	6	8
	0830	"	1017·0	1015·9	−0·4	76·0	67·9	62·9	19·8	64	+6	1·1	−0·7	5·9	0	0	29	13	5	1	0	0	0	2	8	2
	1130	"	1015·4	1014·3	..	77·5	68·6	62·9	19·7	62	..	1·0	..	6·0	0	0	30	12	8	0	0	0	0	0	10	1
	1730	"	1013·8	1012·7	..	76·8	67·0	60·4	17·9	57	..	0·4	..	2·2	0	0	17	9	0	0	0	0	0	2	6	14
Midnapore	2330	"	1015·0	1013·9	..	75·2	66·5	60·6	18·5	61	..	0·1	..	3·4	0	0	18	8	2	0	0	0	0	2	6	13
	0830	149	1017·5	1012·2	−0·3	69·3	62·0	56·8	15·5	66	+3	0·2	−1·1	2·1	0	0	23	16	6	1	0	0	0	0	8
Contai	1730	"	1013·7	1008·5	..	75·7	66·1	59·5	17·7	58	..	0·5	..	0·8	0	0	12	5	6	0	0	1	0	0	0	19
	0830	35	1016·9	1015·7	..	68·2	63·1	60·6	17·5	74	..	0·2	..	1·9	0	0	29	29	0	0	0	0	0	0	0	2
Burdwan	1730	"	1013·7	1012·5	..	75·2	67·1	61·3	19·2	64	..	0·4	..	1·1	0	0	17	6	0	0	0	9	2	0	0	14
	0830	106	1017·2	1013·5	−0·7	67·0	61·7	57·6	16·2	72	+4	0·8	−0·6	1·5	0	0	24	11	8	1	2	0	0	0	2	7
Krishnagar	1730	"	1014·0	1010·3	..	74·4	66·9	62·1	19·1	65	..	0·6	..	0·3	0	0	5	1	2	0	0	1	0	1	0	26
	0830	48	1014·4	1015·7	−0·5	66·6	62·6	60·1	17·6	79	+5	0·4	−0·9	0·5	0	0	7	3	0	0	0	0	0	3	1	24
Asansol	1730	"	1014·5	1012·8	..	73·9	66·3	62·1	18·6	65	..	1·4	..	0	0	0	0	0	0	0	0	0	0	0	0	31
	0230	414	1015·3	1000·5	..	61·9	58·4	55·6	15·1	80	..	1·0	..	2·5	0	0	25	8	1	0	0	0	0	1	15	6
	0530	"	1015·7	1000·9	..	59·5	57·0	54·8	14·8	85	..	0·7	..	1·6	0	0	20	2	0	0	0	0	0	0	18	11
	0830	"	1018·0	1003·1	−0·1	65·5	60·4	56·4	15·7	73	+6	0·8	−0·6	2·5	0	0	26	1	0	0	0	0	0	12	13	5
	1130	"	1016·2	1001·8	..	77·2	64·9	56·0	15·2	48	..	1·6	..	3·1	0	0	26	5	2	0	0	1	1	3		5
	1730	"	1013·8	999·3	..	75·2	64·0	55·8	15·5	51	..	1·2	..	0·3	0	0	4	1	0	0	0	0	0	2	1	27
Berhampore	2330	"	1015·9	1001·2	..	64·6	59·3	55·1	14·7	72	..	1·2	..	0·9	0	0	13	0	0	0	1	1	0	0	11	18
	0830	62	1017·6	1015·4	−0·4	66·8	62·0	58·8	16·6	75	−1	0·3	−1·1	0·2	0	0	3	1	1	0	0	0	1	0	0	28
Malda	1730	"	1013·8	1011·6	..	75·3	66·6	61·2	18·6	61	..	0	..	0	0	0	0	0	0	0	0	0	0	0	0	31
	0830	103	1017·7	1014·0	−0·5	67·3	62·2	58·6	16·9	74	+1	0·5	−0·1	3·3	0	0	30	11	7	2	0	0	0	0	10	1
Cooch Behar	1730	"	1014·0	1010·3	..	74·4	65·7	59·9	17·9	61	..	0·7	..	1·6	0	0	22	3	1	0	1	1	2	5	9	9
	0830	145	..	..	..	68·4	63·9	59·1	18·3	70	..	0·3	..	1·9	0	0	25	0	0	25	0	0	0	0	0	6
Jalpaiguri	1730	"	..	..	..	74·1	67·7	64·4	20·2	72	..	0·4	..	0·1	0	0	2	0	0	2	0	0	0	0	0	29
	0830	271	1018·4	1008·5	+0·2	59 8	57·3	55·0	14·9	85	+1	0·7	−0·3	2·5	0	0	29	24	3	1	0	0	0	0	1	2
	1730	"	1014·3	1004·6	.	73·7	64·8	58·6	16·8	60	..	0·9	..	1·4	0	0	18	3	6	4	1	0	2	2	0	13
	0530	416	1016·3	1001·1	..	52·3	51·1	49·8	12·4	92	..	1·0	..	0·4	0	0	5	5	0	0	0	0	0	0	0	26
Bagdogra	0830	"	1018·2	1003·4	..	66·3	60·3	55·7	15·2	69	..	1·5	..	1·3	0	0	12	4	5	3	0	0	0	0	0	19
	1130	"	1016·1	1001·7	..	78·0	64·1	53·5	14·1	43	..	1·4	..	3·5	0	0	31	0	2	12	9	5	1	2	0	0
	1730	"	1014·6	999·8	..	67·3	62·2	58·6	16·9	74	..	1·7	..	0·2	0	0	2	1	1	0	0	0	0	0	0	29
Orissa.																										
Balasore	0830	65	1017·2	1014·9	−0·7	67·7	61·9	57·7	16·1	70	0	0·7	−0·8	2·3	0	0	30	17	5	0	0	0	0	0	8	1
	1730		1013·7	1011·4	..	73·1	65·3	60·1	17·6	64	..	1·5	..	0	0	0	0	0	0	0	0	0	0	0	0	31
Chandbali	0830	20	1017·9	1017·2	+0·6	69·8	64·3	60·6	18·1	72	−3	0·2	−1·5	2·3	0	0	30	8	1	1	0	0	0	0	20	1
	1730	"	1013·8	1013·1	..	73·9	65·9	61·0	18·1	64	..	0·5	..	1·6	0	0	25			15	4	0	0	0	0	6

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, miles per hour.	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
sa—*contd.*																										
ri	0830	20	1017·5	1016·8	+0·2	69·7	64·1	60·5	18·0	72	0	0·4	−1·04	6·0	0	0	31	28	2	0	0	0	0	0	1	0
	1730	"	1014·9	1014·2	..	76·9	67·1	60·5	18·0	58	..	1·6	..	6·3	0	0	30	1	1	3	11	10	4	0	0	10
ubaneswar	0530	150	1015·2	1009·7	..	59·5	57·4	55·5	15·3	88	..	1·2	..	3·3	0	0	31	7	2	0	0	0	0	1	21	0
	0830	"	1017·4	1011·9	..	70·2	63·8	59·5	17·2	69	..	0·5	..	3·2	0	0	27	8	2	0	0	0	0	2	15	4
	1130	"	1015·8	1010·5	..	79·6	65·4	55·2	15·2	43	..	0·9	..	4·1	0	0	30	8	9	6	1	0	1	1	4	1
	1730	"	1013·9	1008·5	..	75·0	64·5	57·1	16·0	54	..	1·3	..	3·4	0	0	30	9	8	4	0	0	0	0	9	1
	2330	"	1015·5	1010·0	..	66·1	60·4	55·9	15·6	71	..	1·2	..	3·0	0	0	29	12	4	0	0	0	0	0	13	2
ttack	0830	87	1017·4	1014·3	−0·5	66·2	61·5	58·3	16·7	75	0	0	−1·8	0	0	0	0	0	0	0	0	0	0	0	0	31
	1730	"	1013·8	1010·7	..	77·1	66·2	58·8	17·0	53	..	0·5	..	0	0	0	0	0	0	0	0	0	0	0	0	31
ttack (P. B. O.)	0230	87	1014·7	1011·8	..	65·7	62·3	60·4	17·5	83	..	0·2	..	0	0	0	0	0	0	0	0	0	0	0	0	31
	0530	"	1015·5	1012·5	..	63·5	60·6	58·8	16·6	85	..	0·9	..	0·1	0	0	2	0	0	0	0	0	0	0	2	29
	0830	"	1017·7	1014·7	..	69·4	63·4	60·0	17·3	72	..	0	..	1·1	0	0	17	0	2	0	0	0	1	6	8	14
	1130	"	1016·1	1013·2	..	77·4	65·9	59·5	16·6	54	..	0·6	..	2·1	0	0	26	4	16	0	0	0	1	0	5	5
	1730	"	1014·1	1011·1	..	75·4	65·3	59·7	16·9	58	..	0·7	..	0	0	0	0	0	0	0	0	0	0	0	0	31
	2330	"	1015·7	1012·7	..	67·7	64·0	61·9	18·9	81	..	1·2	..	0·1	0	0	1	0	0	0	0	0	0	0	1	30
palpur	0530	56	1015·5	1013·5	..	62·3	59·7	57·9	16·4	85	..	0·9	..	4·4	0	0	31	17	0	0	0	0	0	0	14	0
	0830		1017·6	1015·6	+0·2	69·9	63·2	58·5	17·0	67	−5	0·3	−1·1	5·4	0	0	31	17	0	0	0	0	0	0	14	0
	1130		1016·3	1014·4	..	81·1	66·8	57·0	15·8	44	..	0·7	..	3·0	0	0	30	5	3	7	9	1	1	1	3	1
	1730	"	1014·2	1012·2	..	76·7	65·7	58·2	16·7	53	..	0·7	..	4·5	0	0	31	0	3	15	12	1	0	0	0	0
	2330	"	1015·8	1013·8	..	66·2	62·4	59·6	17·3	79	..	0	..	2·8	0	0	31	14	1	0	0	0	0	0	16	0
praput	0830	2,996	905·7	915·3	..	59·9	54·5	49·9	12·3	70	..	0·1	..	2·1	0	0	31	0	0	1	1	27	2	0	0	0
	1730		902·6	911·9	..	70·4	57·1	45·8	10·3	42	..	0·7	..	3·0	0	0	31	27	0	0	0	2	0	1	1	0
ngul	0830	455	1018·4	1001·7	+0·2	63·7	58·8	54·8	14·6	73	+1	0·1	−1·5	2·7	0	0	27	0	0	0	0	0	0	15	12	4
	1730	,,	1014·3	998·4	..	76·2	62·9	52·5	13·3	42	..	1·2	..	1·7	0	0	23	7	4	1	1	0	0	2	8	8
mbalpur	0830	486	1017·9	1000·6	−0·3	65·0	60·1	56·4	15·4	74	+1	0·5	−0·9	0·5	0	0	7	3	3	0	0	0	0	1	24
	1730	,,	1013·7	996·8	..	74·6	64·0	56·6	15·7	54	..	0·7	..	0·4	0	0	6	0	0	1	0	0	2	0	3	25
arsuguda	0230	754	1015·8	988·7	..	57·8	55·8	53·8	14·3	88	..	0·3	..	2·1	0	0	23	9	10	4	0	0	0	0	0	8
	0530		1016·4	989·2	..	55·3	53·9	52·5	13·4	91	..	0·1	..	1·8	0	0	21	13	7	0	0	0	0	0	1	10
	0830		1018·4	991·5	..	62·3	57·2	53·0	13·8	72	..	0·2	..	3·5	0	0	27	19	8	0	0	0	0	0	0	4
	1130	"	1016·4	990·2	..	76·2	62·6	51·8	13·3	43	..	0·4	..	2·7	0	0	25	7	6	4	3	1	0	1	3	6
	1730	"	1013·9	987·7	..	74·8	62·6	52·9	14·2	46	..	0·7	..	1·1	0	0	14	5	5	1	0	1	2	0	0	17
	2330	"	1016·2	989·4	..	61·8	57·4	54·0	14·0	75	..	0·2	..	0·7	0	0	8	2	4	1	1	0	0	0	0	23
tilagarh	0830	691	1018.0	993·4	..	63·5	58·6	54·8	14·5	73	..	0·2	..	1·2	0	0	19	1	1	0	6	6	3	1	1	12
	1730	"	1013·2	989·3	..	76·7	63·9	54·5	14·3	46	..	0·6	..	0·1	0	0	1	0	1	0	0	0	0	0	0	30
ta Nagpur.																										
rulia	0830	835	1018·1	988·6	..	67·2	60·0	54 2	14·6	63	..	0·2	..	2·2	0	0	27	0	1	0	0	0	0	4	22	4
	1730	"	1014·3	985·3	..	72·4	62·0	53 8	14·2	52	..	0·9	..	0·1	0	0	2	0	0	0	1	1	0	0	0	29
mshedpur	0830	423	1018·4	1003·2	+0·2	62·6	58·9	56·2	15·6	79	+4	0·3	−1·3	2·1	0	0	21	0	0	0	0	0	0	14	7	10
	1730	"	1014·2	999·4	..	73·4	64·3	57·8	16·6	59	..	0·7	..	0·4	0	0	5	0	0	2	1	0	0	1	1	6
mshedpur (P.B.O.)	0530	477	1016·5	999·3	..	57·1	55·6	54·2	14·5	91	..	0·5	..	0·7	0	0	8	1	0	0	0	1	2	3	1	23
	0830	"	1018·5	1001·4	..	62·9	58·8	55·8	15·2	78	..	0·5	..	2·6	0	0	28	1	0	0	0	0	1	18	8	3
	1130	"	1016·5	999·7	..	74·8	63·5	54·7	14·7	50	..	0·3	..	2·5	0	0	27	1	1	3	1	0	2	11	8	4
	1730	"	1014·2	997·5	..	74·4	63·5	56·0	15·0	53	..	0·6	..	0·5	0	0	7	1	0	2	1	0	0	2	1	24
	2330	"	1016·5	999·4	..	60·9	58·4	56·8	15·5	86	..	0·7	..	1·0	0	0	13	1	0	0	0	0	0	5	7	18
haibasa	0830	742	1018·1	991·7	0	63·1	58·2	54·6	14·3	74	−2	0·5	−1·0	0·4	0	0	6	0	0	0	0	0	6	0	0	25
	1730	"	1013·9	988·1	..	72·6	62·6	55·0	14·9	55	..	1·3	..	0·1	0	0	2	0	0	0	0	0	2	0	0	29
anchi	0830	2,150	904·8	943·8	+0·8	64·0	57·1	51·7	13·1	65	+7	0·2	−1·2	0·3	0	0	5	2	0	0	0	1	2	0	0	26
	1730	"	902·3	941·0	..	66·5	57·5	51·0	12·6	57	..	0·4	..	0	0	0	0	0	0	0	0	0	0	0	0	31
azaribagh	0830	2,006	904·0	948·3	+0·3	64·1	57·1	51·5	13·2	64	+3	0·1	−1·2	1·3	0	0	13	4	3	0	2	1	2	1	0	18
	1730	"	901·7	945·4	..	68·1	58·0	50·8	12·5	54	..	1·5	..	3·0	0	0	25	12	2	2	0	0	0	0	9	6
azaribagh (C.W.)	0530	2,008	901·0	946·2	..	52·1	50·9	49·5	12·4	88	..	0·5	..	0·3	0	0	3	1	1	0	0	0	0	1	0	28
	0830	"	903·8	948·0	..	63·2	57·0	52·4	13 6	68	..	0·1	..	0·6	0	0	9	0	8	0	0	1	0	0	0	22
	1130	"	903·9	947·3	..	72·2	60·4	51·0	12·9	48	..	1·7	..	2·8	0	0	29	13	4	1	3	3	1	3	1	2
	1730	"	901·5	945·4	..	65·6	58·1	52·5	13·5	63	..	1·7	..	1·2	0	0	16	10	6	0	0	0	0	0	0	15
	2330	"	901·9	946·8	..	55·0	51·4	48·2	11·6	77	..	0·1	..	0	0	0	0	0	0	0	0	0	0	0	0	31
altonganj	0830	725	1018·7	992·8	−0·1	60·3	56·0	52·1	13·2	75	−4	0·3	−0·7	1·3	0	0	21	0	3	11	1	5	0	1	0	10
	1730	"	1014·2	988·9	..	71·9	65·9	61·9	19·0	71	..	0·7	..	0·7	0	0	11	1	3	3	0	0	0	3	1	20
ar.																										
urnea	0830	124	1018·3	1013·8	0	65·5	61·3	58·4	16·8	78	−7	0·5	−0·4	1·0	0	0	15	2	2	3	1	1	3	2		16
	1730	"	1014·4	1010·0	..	68·9	64·5	61·9	18·6	79	..	0·4	..	0·1	0	0	1	0	0	0	0	0	0	1	0	30

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, miles per hour.	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	Ca
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	
Bihar—*contd.*																										
Forbesganj	0830	199	1018·2	1010·9	..	63·0	60·8	59·0	17·4	87	..	1·9	..	3·0	0	0	30	2	18	7	1	1	0	1	0	
	1730	"	1013·8	1006·9	..	73·1	69·7	67·5	23·2	84	..	0·5	..	0·4	0	0	6	0	0	0	0	0	0	6	0	2
Darbhanga	0830	161	1018·2	1012·4	−0·1	61·3	60·1	58·9	17·4	93	+10	0·5	−0·4	1·0	0	0	14	2	1	4	0	0	1	4	2	1
	1730	"	1014·9	1009·1	..	71·3	65·9	62·3	19·2	73	..	0·1	..	0	0	0	0	0	0	0	0	0	0	0	0	3
Motihari	0830	218	1019·0	1011·2	+0·8	65·5	62·4	60·1	17·9	83	+3	0·5	−0·7	1·0	0	0	14	0	0	0	0	0	0	14	0	1
	1730	"	1014·8	1007·1	..	70·7	66·0	63·2	20·8	78	..	0·3	..	0·6	0	0	9	0	0	0	0	0	0	9	0	2
Patna	0830	173	1018·2	1011·9	−0·3	66·1	61·1	57·2	16·2	73	+3	1·2	+0·2	2·2	0	0	25	1	1	0	4	4	12	1	2	
	1730	"	1014·7	1008·7	..	73·7	64·7	58·7	16·8	59	..	0·8	..	0·8	0	0	12	3	3	0	0	0	1	2	3	1
Patna (Aerodrome)	0530	196	1015·6	1008·5	..	55·5	54·9	54·3	14·6	96	..	0·5	..	0·3	0	0	2	1	0	1	0	0	0	0	0	2
	0830	"	1017·7	1010·6	..	64·6	60·8	57·9	16·3	79	..	0·8	..	1·5	0	0	14	0	1	1	0	1	5	4	2	1
	1130	"	1016·7	1009·8	..	74·9	64·9	58·0	16·5	57	..	0·9	..	3·1	0	0	29	5	5	2	1	1	5	4	6	
	1730	"	1014·3	1007·4	..	71·7	64·5	60·2	17·7	66	..	0·7	..	0·3	0	0	4	1	0	0	0	0	0	0	3	2
Dehri	0830	352	1018·1	1005·5	..	64·4	59·8	56·3	15·6	75	..	0·6	..	2·3	0	0	31	0	0	0	1	8	21	0	1	
	1730	"	1013·8	1001·5	..	72·7	63·8	57·5	16·1	59	..	1·2	..	0·5	0	0	8	0	2	0	0	1	0	0	5	2
Gaya	0230	373	1015·5	1002·3	..	56·1	53·7	51·3	13·0	85	..	0·4	..	1·5	0	0	18	0	0	1	12	4	1	0	0	1
	0530	"	1015·8	1002·5	..	53·7	52·0	50·3	12·4	88	..	0·6	..	1·7	0	0	24	0	0	3	13	7	1	0	0	
	0830	"	1018·0	1004·9	+0·3	62·9	57·7	53·5	14·1	71	+4	0·5	−0·5	1·7	0	0	20	0	0	0	4	12	4	0	0	1
	1130	"	1016·5	1003·8	..	76·2	64·0	54·9	15·1	48	..	0·7	..	2·6	0	0	29	5	5	3	2	3	2	7	2	
	1730	"	1014·1	1001·3	..	72·9	62·5	54·5	14·5	53	..	1·0	..	1·7	0	0	20	7	6	0	0	0	0	1	6	1
	2330	"	1016·0	1002·9	..	59·2	55·9	52·9	13·6	80	..	0·2	..	1·3	0	0	19	0	1	0	8	5	5	0	0	1
Jamui	0830	270	1018·3	1008·4	..	62·7	59·4	56·9	15·6	81	..	0·3	..	1·3	0	0	19	0	0	4	4	0	0	4	7	1
	1730	"	1014·5	1004·9	..	71·5	59·5	59·7	17·2	65	..	0·5	..	0·6	0	0	9	0	0	0	0	0	0	1	8	2
Dumka	0830	489	1017·9	1000·6	−0·1	67·7	1·1	56·5	15·5	67	+1	0·2	−0·7	2·0	0	0	31	7	4	1	2	1	0	12	4	
	1730	"	1014·0	996·9	..	74·3	64·0	57·3	15·5	56	..	0·9	..	1·9	0	0	30	10	5	1	2	1	1	4	6	
Sabour	0830	122	1018·0	1013·6	0	64·5	61·3	58·7	17·3	82	0	0·3	−1·0	1·7	0	0	21	0	2	0	1	1	3	11	3	1
	1730	"	1014·5	1010·1	..	70·4	65·2	61·4	19·1	74	..	0·4	..	1·0	0	0	14	4	0	0	0	0	0	0	10	1
Bhagalpur	0530	160	1015·8	1009·9	..	59·6	58·1	56·7	15·9	91	..	0·2	..	0·7	0	0	8	0	1	1	1	1	2	1	1	2
	0830	"	1018·2	1012·3	..	65·1	61·3	58·7	16·6	79	..	0·5	..	1·0	0	0	10	0	1	1	0	0	1	5	2	2
	1130	"	1017·1	1011·3	..	73·4	65·1	59·4	17·2	62	..	0·3	..	1·9	0	0	17	0	2	3	1	0	0	6	5	1
	1730	"	1014·6	1008·8	..	72·5	65·1	60·3	17·7	65	..	0·5	..	1·3	0	0	16	4	0	1	1	0	0	3	7	1
	2330	"	1016·5	1010·6	..	64·4	61·2	58·9	17·2	82	..	0·2	..	0·5	0	0	5	0	0	1	0	0	1	3	0	2
U. P., East.																										
Gonda	0830	360	1018·4	1005·5	..	57·7	56·2	54·7	14·7	91	+9	0·2	−1·3	0·3	0	0	4	0	0	3	0	0	0	1	0	2
	1730	"	1015·1	1002·5	..	69·1	63·4	59·4	17·3	72	..	0·3	..	0	0	0	0	0	0	0	0	0	0	0	0	3
Gorakhpur	0830	254	1017·5	1008·6	−0·3	60·2	59·0	57·6	16·6	89	+11	0·4	−0·5	0·6	0	0	10	0	0	4	0	0	4	1	1	2
	1730	"	1014·3	1005·1	..	72·4	63·2	59·7	15·7	64	..	0·2	..	0·5	0	0	8	0	0	2	0	1	3	1	1	2
Gorakhpur (P.B.O.)	0230	257	1015·7	1006·4	..	57·8	56·4	54·8	14·9	93	..	0·3	..	0·1	0	0	2	1	1	0	0	0	0	0	0	2
	0530	"	1015·6	1006·2	..	56·4	55·0	53·9	14·1	93	..	0·4	..	0·3	0	0	4	4	0	0	0	0	0	0	0	2
	1130	"	1017·3	1008·3	..	75·5	64·3	56·1	15·7	52	..	0·6	..	2·1	0	0	28	0	1	0	5	16	3	1	2	
	2330	"	1016·3	1007·0	..	60·4	58·6	51·0	15·9	89	..	0·3	..	0·3	0	0	8	0	1	0	0	0	0	1	1	2
Azamgarh	0830	255	1017·6	1008·7	..	60·9	59·3	59·4	16·7	92	..	0·4	..	0·3	0	0	3	0	0	1	1	0	0	1	0	2
	1730	"	1014·2	1006·0	..	71·8	67·7	65·6	21·3	80	..	0·2	..	0·3	0	0	3	0	0	3	0	0	0	0	0	2
Banaras	0830	250	1018·0	1008·7	−0·7	59·0	56·9	54·8	15·0	88	+12	0·8	−0·3	2·1	0	0	29	0	1	4	1	11	9	3	0	
	1730	"	1014·2	1005·7	..	74·7	60·3	57·9	11·3	60	..	0·8	..	2·0	0	0	29	10	1	2	0	0	0	6	10	
Banaras (Babatpur Aerodrome)	0530	280	1016·2	1005·9	..	53·5	53·0	52·6	13·5	96	..	0·4	..	1·4	0	0	11	0	0	3	2	1	1	4	0	2
	0830	"	1018·4	1008·3	..	62·9	58·7	55·3	15·0	77	..	0·7	..	2·3	0	0	25	1	1	4	2	1	4	7	5	
	1130	"	1017·6	1007·7	..	73·7	63·5	56·7	15·6	56	..	0·9	..	4·1	0	0	30	2	5	6	2	2	4	5	4	
	1730	"	1015·0	1005·1	..	69·8	62·8	57·8	16·5	66	..	0·6	..	1·2	0	0	17	1	1	4	0	0	1	7	3	1
	2330	"	1016·8	1006·7	..	57·9	56·6	55·3	15·2	91	..	0·4	..	1·0	0	0	8	1	4	0	0	0	0	2	1	2
Allahabad (Bamrafulli)	0230	322	1015·9	1004·2	..	55·8	54·4	52·8	13·8	91	..	0·2	..	1·0	0	0	11	0	2	3	0	2	4	0	0	2
	0530	"	1016·1	1004·4	..	53·8	52·8	51·8	13·3	93	..	0·3	..	1·0	0	0	10	0	2	2	0	2	3	0	1	2
	0830	"	1018·2	1006·6	−0·4	60·1	56·8	54·0	14·2	81	+4	1·0	−0·5	2·4	0	0	20	0	1	2	4	2	1	8	2	1
	1130	"	1017·4	1006·1	..	74·4	63·4	55·0	15·1	53	..	0·7	..	5·0	0	0	31	0	2	4	7	2	4	8	4	
	1730	"	1014·8	1003·4	..	72·0	63·8	58·1	16·5	62	..	0·9	..	1·2	0	0	14	7	3	1	0	0	0	1	2	1
	2330	"	1016·7	1004·9	..	59·1	56·6	54·4	14·5	85	..	0·4	..	1·3	0	0	14	3	2	4	0	0	4	1	0	1
Fatehpur	0830	375	1018·4	1004·9	..	62·4	58·1	54·1	14·8	74	+5	0·6	−0·8	0·6	0	0	8	0	0	2	1	0	0	4	1	2
	1730	"	1014·6	1001·4	..	72·0	63·5	57·6	16·2	61	..	0·6	..	0·2	0	0	2	0	0	0	1	0	0	0	1	2
Banda	0830	398	1018·1	1003·7	..	58·9	55·2	51·6	13·2	77	..	0·5	..	0·2	0	0	2	0	0	2	0	0	0	0	0	2
	1730	"	1014·5	1000·7	..	74·7	65·5	59·1	17·5	59	..	0·4	..	0·1	0	0	1	0	0	1	0	0	0	0	0	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, miles per hour.	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
East—*contd.*																										
i	0830	463	1017·3	1000·6	..	60·5	54·6	48·5	11·9	66	..	0	..	1·6	0	0	19	2	2	2	2	0	7	2	2	12
	1730	"	1015·4	999·4	..	75·0	62·5	53·0	13·7	46	..	1·3	..	1·8	0	0	20	2	2	4	1	0	0	0	11	11
ıpur	0830	414	1018·2	1003·2	−0·3	57·3	54·5	53·1	13·2	85	+8	0·6	−0·1	1·5	0	0	14	0	1	5	0	0	4	4	0	17
	1730	"	1014·8	1000·2	..	72·0	62·4	55·1	14·9	55	..	1·1	..	1·3	0	0	12	3	1	4	0	0	0	3	1	19
know	0830	371	1018·4	1005·0	+0·1	58·5	56·5	54·7	14·7	89	+12	0·2	−0·8	0	0	0	0	0	0	0	0	0	0	0	0	31
	1730	"	1015·2	1002·1	..	69·7	63·7	59·4	17·5	64	..	0·5	..	0	0	0	0	0	0	0	0	0	0	0	0	31
know (Amausi Aerodrome).	0230	419	1016·2	1000·8	..	52·4	51·8	51·3	13·0	96	..	0	..	1·0	0	0	9	0	4	0	1	0	0	3	1	22
	0530	,,	1015·8	1000·8	..	50·4	50·1	49·5	12·1	97	..	0·1	..	1·0	0	0	8	0	3	0	0	0	0	1	4	23
	0830	"	1018·2	1003·0	−0·3	58·7	56·3	54·3	14·5	86	+18	0·5	−0·5	1·9	0	0	16	1	2	3	1	0	2	2	5	15
	1130	"	1017·5	1002·8	..	73·2	62·6	54·5	14·6	52	..	0·8	..	4·8	0	1	27	0	2	5	2	2	3	2	12	3
	1730	"	1014·9	1000·1	..	69·1	62·9	58·6	16·7	69	..	0·9	..	1·9	0	0	15	1	4	2	0	0	0	1	7	16
	2330	,,	1016·8	1001·6	..	54·8	54·1	53·4	14·1	95	..	0·3	..	1·3	0	1	6	1	3	0	1	0	1	0	1	24
rdoi	0830	467	1018·1	1001·1	..	55·2	53·6	51·0	12·4	90	..	2·3	..	1·4	0	0	19	2	3	1	2	0	2	6	3	12
	1730	"	1014·4	998·1	..	70·2	62·7	57·4	15·9	64	..	1·1	..	0·7	0	0	6	0	1	0	1	0	2	2	0	25
himpur Kheri . . .	0830	483	1018·3	1001·0	..	60·0	56·5	53·7	14·0	80	..	0·7	..	0·1	0	0	1	0	0	0	0	0	0	1	0	30
	1730	"	1014·7	997·7	..	70·1	62·5	57·1	15·9	63	..	1·0	..	0·2	0	0	1	0	0	1	0	0	0	0	0	30
raich	0830	407	1018·4	1003·7	+0·6	61·3	57·7	55·0	14·7	75	−5	0·3	−0·7	0·3	0	0	5	0	1	1	2	0	0	0	1	26
	1730	"	1013·6	999·4	..	73·2	63·0	55·9	15·2	55	..	0·4	..	0·1	0	0	1	0	0	0	1	0	0	0	0	30
, West.																										
nsi	0830	823	1018·5	989·1	−0·4	62·3	54·0	45·4	10·5	55	−5	0·1	−1·0	1·7	0	0	16	2	0	0	0	0	1	13	0	15
	1730	"	1013·9	985·4	..	77·3	61·8	48·8	11·7	38	..	0·8	..	0·3	0	0	4	0	0	0	0	0	0	3	1	27
a	0830	553	1018·5	998·3	−0·4	54·1	51·2	47·6	11·4	76	+14	0·5	−0·9	0	0	0	0	0	0	0	0	0	0	0	0	31
	1730	"	1014·5	995·4	..	76·4	61·3	48·4	11·9	39	..	0·7	..	0·6	0	0	5	0	1	0	0	0	2	0	2	26
inpuri	0830	516	1018·4	999·6	−0·1	54·7	52·2	49·7	12·4	84	+13	0·8	−0·6	0·6	0	0	7	0	0	1	1	1	1	2	1	24
	1730	"	1014·8	996·7	..	73·2	63·4	56·5	15·4	56	..	1·4	..	0·1	0	0	1	0	0	0	1	0	0	0	0	30
garh	0830	615	1018·2	995·8	..	54·8	51·7	48·7	11·8	80	+18	1·2	−0·2	0·2	0	0	2	0	1	1	0	0	0	0	0	29
	1730	"	1015·0	993·3	..	72·0	58·6	54·2	11·0	53	..	1·7	..	0·4	0	0	3	0	1	1	0	0	0	1	0	28
eilly	0830	568	1017·9	997·5	−0·2	58·5	54·9	51·7	13·2	78	+8	0·8	−0·6	0·3	0	0	3	0	0	1	1	0	0	0	1	28
	1730	"	1014·4	994·5	..	71·2	61·6	54·0	14·4	55	..	2·1	..	0	0	0	0	0	0	0	0	0	0	0	0	31
eilly (P. B. O.) . . .	0230	565	1016·0	995·6	..	57·7	54·9	52·8	13·1	83	..	0	..	1·3	0	0	13	2	3	5	0	0	0	3	0	18
	0530	"	1015·9	995·4	..	55·4	53·4	51·7	13·1	88	..	0·5	..	1·8	0	0	18	2	6	5	0	0	0	4	1	13
	1130	"	1017·4	997·5	..	71·9	61·2	52·6	13·9	51	..	1·4	..	3·7	0	0	29	2	2	9	3	1	0	6	6	2
	2330	"	1016·5	996·3	..	60·0	56·4	53·8	14·0	80	..	0·4	..	1·1	0	0	11	2	1	3	1	1	0	3	0	20
erut	0830	728	1018·6	992·3	+0·2	56·9	53·0	49·0	11·9	76	+1	1·0	−0·4	0·9	0	0	13	0	1	3	0	0	0	5	4	18
ibabad	0830	885	1018·1	986·2	..	54·7	51·3	47·9	11·4	79	..	1·2	..	1·6	0	0	21	0	8	1	9	0	0	0	3	10
	1730	"	1015·5	984·5	..	68·6	60·1	53·3	13·8	59	..	1·1	..	0·4	0	0	3	0	0	0	2	0	0	0	1	28
rkee	0830	899	1018·3	985·8	−0·2	54·5	51·8	49·1	11·9	82	0	2·7	+0·9	0·5	0	0	7	0	0	1	6	0	0	0	0	24
	1730	"	1014·6	983·0	..	67·6	59·3	52·1	13·8	59	..	3·1	..	0·2	0	0	3	0	0	0	2	0	0	0	1	28
ra Dun	0530	2,239	901·5	938·1	..	50·8	48·5	46·2	10·6	85	..	1·4	..	1·5	0	0	16	6	8	0	0	0	1	0	1	15
	0830	"	903·3	939·7	+0·2	54·4	50·2	47·3	10·7	81	+6	1·8	−0·7	1·4	0	0	18	6	6	0	1	0	2	1	2	13
	1130	"	904·6	940·2	..	66·2	56·1	47·5	11·3	52	..	2·4	..	2·3	0	0	26	0	0	2	5	6	8	3	2	5
	1730	"	902·1	937·8	..	62·8	57·3	53·1	13·8	71	..	2·7	..	0·3	0	0	2	0	2	0	0	0	0	0	0	29
	2330	"	902·9	939·1	..	55·2	51·3	47·7	11·1	77	..	1·3	..	3·1	0	0	24	6	18	0	0	0	0	0	0	7
jab (I).																										
v Delhi	0230	710	1016·5	990·7	..	53·7	50·0	46·0	10·7	76	..	0·6	..	2·1	0	0	15	0	1	0	3	0	0	8	3	16
	0530	"	1016·4	990·5	..	51·8	48·6	45·2	10·3	79	..	0·4	..	1·9	0	0	15	0	1	3	0	0	0	9	2	16
	0830	"	1018·0	992·2	−0·5	54·5	50·1	45·7	10·3	73	+8	1·8	−0·2	3·3	0	0	21	0	0	4	3	0	2	10	2	10
	1130	"	1017·4	992·4	..	71·7	59·2	48·2	11·8	45	..	1·7	..	5·1	0	0	24	0	1	3	4	2	0	5	9	7
	1730	"	1014·7	989·7	..	71·2	59·8	49·9	12·2	49	..	2·1	..	2·9	0	0	26	3	0	7	2	0	0	3	11	5
	2330	"	1016·9	991·2	..	56·1	52·0	47·9	11·4	75	..	0·4	..	1·4	0	0	11	0	0	2	2	0	0	4	3	20
ar	0530	725	1017·5	990·5	..	50·1	47·7	45·3	10·1	82	..	0·9	..	1·3	0	0	14	0	3	2	2	0	3	3	1	17
	0830	"	1018·3	991·9	−0·5	51·7	48·3	44·8	10·2	77	+8	1·2	−0·5	2·1	0	0	24	1	0	1	7	2	8	4	1	7
	1130	"	1018·0	992·6	..	71·3	59·0	48·6	11·5	46	..	2·3	..	2·6	0	0	26	1	1	0	6	5	3	3	7	5
	1730	"	1014·9	989·2	..	74·6	60·6	48·5	12·0	41	..	1·7	..	1·5	0	0	16	5	2	1	0	0	1	1	6	15
	2330	"	1017·7	991·2	..	56·7	51·5	45·8	10·7	68	..	1·3	..	1·7	0	0	14	2	3	3	1	0	0	0	5	17
mal	0830	818	1018·3	988·6	..	52·0	50·0	48·1	11·4	86	..	2·7	..	1·4	0	0	19	0	2	6	3	0	0	5	3	12
	1730	"	1015·0	986·2	..	72·5	60·5	50·3	12·6	47	..	3·1	..	1·5	0	0	16	0	1	1	2	0	0	5	7	15
bala	0830	892	1017·9	985·4	−0·7	51·3	48·9	46·6	10·5	84	+10	2·2	0	1·4	0	0	13	3	0	5	3	0	0	0	2	18
	1730	"	1014·4	983·3	..	70·2	61·7	54·9	14·8	61	..	2·1	..	1·7	0	0	18	1	0	1	5	0	2	1	8	13

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, miles per hour.	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.		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
Punjab (I)—*contd.*																										
Ambala (P. B. O.)	0230	906	1016·5	984·0	..	57·0	51·7	47·3	10·7	70	..	1·2	..	2·1	0	0	15	1	0	8	1	0	0	0	5	16
	0530	"	1016·2	983·6	..	54·8	50·2	45·7	10·5	72	..	1·5	..	1·7	0	1	10	1	0	3	3	0	0	1	3	20
	1130	"	1017·8	985·8	..	66·5	56·7	49·6	11·1	56	..	2·5	..	4·4	0	2	23	3	1	9	6	0	0	0	6	6
	2330	"	1017·1	984·7	..	59·4	53·4	48·5	11·3	67	..	1·5	..	2·6	0	2	18	4	0	6	3	1	0	2	4	11
Patiala	0830	822	1017·9	987·9	..	51·6	48·6	44·4	10·3	79	..	2·9	..	2·1	0	0	21	2	2	1	8	0	0	0	8	10
	1730	"	1014·7	985·9	..	69·6	58·7	49·2	11·8	49	..	3·4	..	2·1	0	0	21	2	0	1	4	1	0	1	12	10
Ludhiana	0830	810	1017·7	988·1	−1·1	51·0	48·5 (a)	45·9 (a)	10·5 (a)	82 (a)	+7	2·0	−0·1	0·7	0	0	9	0	1	2	2	0	2	2	0	22
	1730	"	1014·3	985·9	..	72·3	60·7 (a)	51·0 (a)	12·8 (a)	49 (a)	..	2·3	..	0·5	0	0	7	0	1	0	3	0	1	1	1	24
Ferozepur	0830	657	1017·8	993·7	..	49·0	47·9	46·8	10·9	93	..	2·5	..	0·6	0	0	8	0	5	0	2	0	0	0	1	23
	1730	"	1014·7	991·7	..	69·4	60·7	54·1	13·9	58	..	3·1	..	0·1	0	0	1	0	0	0	0	0	0	0	1	30
Amritsar	0530	769	1017·0	988·7	..	46·5	45·4	43·8	9·9	92	..	1·9	..	3·7	0	0	27	3	3	12	1	1	2	2	3	4
	0830	"	1018·4	990·3	..	48·8	46·8	44·6	10·1	85	..	2·7	..	3·5	0	0	25	1	0	10	1	2	2	3	6	6
	1130	"	1018·2	991·0	..	67·0	56·7	46·9	11·2	50	..	2·5	..	6·5	0	2	26	1	1	6	6	1	0	2	11	9
	1730	"	1015·2	988·1	..	67·4	57·8	49·4	12·2	54	..	2·6	..	4·8	0	0	28	1	2	5	2	0	0	9	9	9
Pathankot	0830	1,128	1018·0	977·3	..	53·1	48·7	43·7	9·6	71	..	3·7	..	1·7	0	0	25	0	9	16	0	0	0	0	0	6
	1730	"	1015·5	976·0	..	66·1	59·2	50·8	13·9	58	..	4·5	..	0·6	0	0	8	0	2	1	0	0	1	4	0	23
																	*									
Jammu and Kashmir.																										
Srinagar	0830	5,205	803·1	848·2	+1·4	33·1	31·8	29·7	5·6	88	−2	4·1	−0·8	0·8	0	0	6	1	0	0	4	0	0	1	0	25
	1130	"	804·1	848·1	..	45·1	40·4	35·2	6·4	69	..	4·1	..	1·9	0	0	14	3	4	1	1	1	1	1	2	17
	1730	"	801·9	845·5		47·9	42·1	35·9	7·1	64	..	5·2	..	1·3	0	0	10	1	1	2	0	0	0	1	5	21
Gulmarg	0830	8,709								Closed during winter month																
Dras (R)	0830	10,059																								
(R)	1730	"																								
Kargil (R)	0830	8,790																								
Leh *	0530	11,529	712·4	669·6	..	18·6	14·2	2·5	1·4	44	..	3·1		1·3	0	0	20	0	19	1	0	0	0	0	0	10
	0830	"	713·4	668·8	+2·0	23·0	17·2	3·0	1·5	37	−21	4·0	..	0·4	0	0	3	0	1	1	0	0	1	0	0	28
	1730	"	710·4	665·3	..	33·0	25·4	10·7	2·4	36	..	4·1	−0·6 ..	1·5	0	0	11	0	1	0	1	4	5	0	0	20
Skardu (R)	0830	7,505																								
(R)	1730	"																								
Gilgit (R)	0830	4,890																								
(R)	1730	"																								
Misgar (R)	0830	10,190																								
(R)	1730	"																								
Jammu (R)	0830	"																								
Rajasthan, West																										
Sri Ganganagar	0830	580	1018·1	996·9	..	52·2	48·5	44·7	10·0	77	+12	1·4	−0·4	1·7	0	0	24	1	2	4	9	3	2	0	3	
	1730	"	1014·5	994·2	..	75·2	62·1	51·3	13·1	44	..	1·7	..	1·4	0	0	17	3	2	2	0	0	0	2	8	1
Bikaner	0830	734	1018·2	992·2	+0·2	52·8	46·3	38·7	7·9	60	+4	1·0	−0·8	2·0	0	0	28	0	1	1	16	3	7	0	0	
	1730	"	1014·1	988·5	..	80·2	59·3	47·3	7·7	34	..	1·6	..	2·4	0	0	27	4	3	0	0	0	4	3	13	
Bikaner (P. B. O.)	0530	735	1016·8	988·4	..	50·8	46·9	41·6	9·3	72	..	0·9	..	0·3	0	0	2	1	0	0	0	0	1	0	0	2
	1130	"	1014·5	992·7	..	75·9	62·6	52·1	13·8	45	..	1·5	..	1·7	0	0	20	1	3	0	3	7	2	4	0	1
	2330	"	1017·0	990·6	..	58·0	52·3	46·5	8·1	66	..	1·1	..	0·6	0	0	6	4	1	0	0	0	0	1	0	2
Jaisalmer	0830	793	1017·4	989·1	..	59·0	52·5	45·3	10·9	61	..	0·9	..	3·4	0	3	7	0	6	0	1	0	3	0	0	2
	1730	"	1013·8	986·6	..	81·3	65·3	53·0	14·9	38	..	1·6	..	9·3	0	9	18	2	7	0	0	0	9	3	6	
Jodhpur	0230	736	1016·7	990·2	..	59·1	49·9	38·2	8·3	46	..	0·6	..	2·6	0	0	18	3	14	1	0	0	0	0	0	1
	0530	"	1016·6	990·0	..	56·0	48·3	38·5	8·3	52	..	0·6	..	2·3	0	0	20	3	16	0	0	0	1	0	0	1
	0830	"	1018·5	992·0	+1·7	57·9	49·4	39·6	8·3	50	0	1·5	−0·2	2·3	0	0	19	4	15	0	0	0	0	0	0	1
	1130	"	1018·4	992·4	..	76·8	59·6	43·6	10·1	31	..	1·5	..	0·3	0	0	19	1	12	1	1	2	1	1	0	1
	1730	"	1014·5	989·5	..	81·1	61·4	43·5	9·9	27	..	2·1	..	2·6	0	1	21	4	7	0	0	0	3	7	1	
	2330	"	1017·0	990·8	..	64·8	53·2	40·0	8·9	40	..	1·0	..	2·3	0	0	18	5	8	0	0	0	1	3	1	1
Phalodi	0830	767	1018·2	990·4	..	58·4	51·4	44·1	9·9	59	..	1·4	..	2·8	0	0	23	1	0	1	3	11	6	0	1	
	1730	"	1014·6	988·4	..	81·2	66·5	54·7	15·5	42	..	1·8	..	6·1	0	0	30	9	2	0	0	1	7	5	6	
Barmer	0530	638	1015·8	993·0	..	61·3	53·0	44·3	10·0	54	..	0·7	..	1·2	0	0	15	1	0	1	0	0	0	0	13	1
	0830	"	1017·8	994·9	+0·5	60·5	52·5	44·0	9·7	55	+2	1·6	0	1·3	0	0	13	1	0	0	0	0	0	0	12	1
	1130	"	1017·9	995·7	..	77·0	60·2	45·0	10·3	33	..	1·8	..	2·1	0	0	18	2	9	0	3	1	0	1	2	1
	1730	"	1014·3	992·4	..	83·2	63·1	45·7	10·7	27	..	2·0	..	2·3	0	0	19	2	4	1	2	1	3	4	2	1
	2330	"	1016·4	993·9	..	69·0	56·0	43·0	9·5	40	..	0·8	..	2·8	0	0	21	0	0	0	0	1	4	2	14	1

(R) Register not received. (a) Mean of 30 days *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, miles per hour.	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
sthan, East.																										
ar	0830	1,419	1018·9	968·0	..	52·0	48·7	44·3	10·3	74	..	1·8	..	1·0	0	0	15	1	0	5	6	3	0	0	0	16
	1730	"	1014·6	965·7	..	75·7	62·8	54·1	13·8	47	..	1·9	..	1·9	0	0	29	4	0	2	0	0	0	12	11	2
pur	0830	1,431	1018·2	967·7	−0·6	61·0	52·5	43·5	9·7	53	−2	1·2	−0·3	1·8	0	0	15	3	3	7	0	2	0	0	0	16
	1130	"	1016·9	967·9	..	77·1	59·2	41·8	9·0	30	..	0·9	..	3·7	0	1	28	6	0	1	1	3	7	7	4	2
	1730	"	1014·2	965·2	..	76·0	60·2	46·2	10·7	36	..	1·8	..	1·9	0	0	22	3	2	0	1	2	0	4	10	9
our (Sanganer Aerodrome)	0230	1,282	1016·5	970·6	..	55·7	50·2	44·3	10·2	66	..	0·1	..	1·9	0	1	8	1	1	3	0	0	0	0	4	22
	0530	"	1016·8	970·8	..	53·2	48·7	43·5	13·8	70	..	0·4	..	2·2	0	0	14	7	1	1	1	0	1	0	3	17
	0830	"	1017·9	972·4	..	59·8	53·4	47·0	11·1	63	..	1·4	..	2·7	0	0	13	2	1	4	1	0	0	1	4	18
	1130	"	1017·3	972·7	..	75·6	63·3	54·1	14·4	48	..	1·2	..	5·1	0	1	23	3	0	1	2	8	0	3	7	7
	1730	"	1014·1	969·9	..	69·3	62·3	52·0	15·8	46	..	2·5	..	3·6	0	0	23	5	0	0	1	2	0	5	10	8
	2330	"	1016·9	971·3	..	58·9	52·2	45·5	10·4	62	..	0·4	..	2·3	0	0	12	4	0	2	1	0	0	1	4	19
er	0830	1,593	1019·3	962·5	−0·1	54·8	48·9	43·0	9·2	64	+7	1·3	−0·1	0	0	0	0	0	0	0	0	0	0	0	0	31
	1730	"	1014·5	960·0	..	75·2	57·3	41·0	7·8	30	..	1·7	..	0·8	0	0	12	2	1	0	0	0	0	1	8	19
ah	0530	843	1016·2	986·0	..	57·4	51·1	44·3	9·8	62	..	0·2	..	0·8	0	0	10	1	0	0	0	0	2	5	2	21
	0830	"	1018·1	987·9	−0·5	60·1	52·3	44·0	9·7	56	−1	0·5	−0·9	0·3	0	0	3	0	0	0	0	0	1	2	0	28
	1130	"	1017·2	988·0	..	78·0	60·3	44·2	10·1	31	..	0·3	..	0·8	0	0	9	0	0	0	0	0	0	3	6	22
	1730	"	1013·8	985·2	..	80·8	62·3	46·3	11·0	30	..	0·7	..	0·5	0	0	4	2	0	0	0	0	0	1	1	27
	2330	"	1016·5	986·5	..	63·3	54·5	45·7	10·5	53	..	0·4	..	0·7	0	0	9	0	0	0	0	1	1	5	2	22
lawar	0830	1,053	1018·8	980·1	−0·6	55·3	48·3	39·9	8·5	56	−7	0·4	−1·1	0	0	0	0	0	0	0	0	0	0	0	0	31
	1730	"	1013·4	977·6	..	81·0	59·3	36·5	7·7	21	..	0·4	..	1·9	0	0	19	5	10	0	1	0	0	1	2	12
ipur	0230	1,910	901·3	950·4	..	51·6	47·7	43·5	9·6	71	..	0·2	..	0·2	0	0	3	0	0	1	0	0	0	0	2	28
	0530	"	901·2	950·5	..	49·4	46·2	42·8	9·5	78	..	0·2	..	0·2	0	0	3	0	0	0	0	0	0	0	3	28
	0830	"	903·1	951·5	+0·1	56·7	49·8	42·5	9·5	60	+2	0·7	−0·3	0·1	0	0	2	1	0	0	0	0	0	0	1	29
	1130	"	905·6	952·2	..	77·9	60·7	47·2	11·5	34	..	0·9	..	0·2	0	0	22	0	9	8	3	0	1	0	1	9
	1730	"	902·9	949·4	..	78·0	62·1	50·3	12·5	38	..	1·2	..	1·2	0	0	13	0	3	4	1	0	1	3	1	18
	2330	"	902·4	951·1	..	54·6	49·9	45·4	10·4	71	..	0·2	..	0·2	0	0	3	1	0	0	0	0	0	0	2	28
ya Bharat.																										
alior (P. B. O.)	0230	688	1016·3	991·4	..	51·4	48·5	45·4	10·2	80	..	0·5	..	0·8	0	0	11	2	0	0	0	5	4	0	2	20
	0530	"	1016·4	991·3	..	49·8	47·3	44·4	10·0	82	..	0·5	..	1·0	0	0	11	0	0	0	0	6	4	0	1	20
	0830	"	1017·8	993·1	−0·2	59·9	53·3	46·7	10·9	63	+2	1·0	−0·3	1·0	0	0	12	1	1	1	0	2	5	0	2	19
	1130	"	1016·9	993·0	..	76·6	60·5	46·2	10·7	35	..	0·9	..	3·1	0	0	27	3	3	1	2	8	2	0	8	4
	1730	"	1014·3	990·4	..	74·2	60·4	48·5	11·3	41	..	1·2	..	2·3	0	0	20	9	2	3	1	0	0	0	5	11
	2330	"	1016·9	992·0	..	54·1	50·6	47·0	10·9	77	..	0·5	..	0·9	0	0	10	2	0	0	0	4	1	0	3	21
pur Kalan	0830	771	1017·8	990·2	..	61·3	52·4	43·7	9·5	53	..	1·1	..	0·8	0	0	7	0	1	0	2	3	1	0	0	24
	1730	"	1013·8	987·1	..	76·5	61·2	47·1	11·6	37	..	1·6	..	1·0	0	0	7	6	1	0	0	0	0	0	0	24
a	0530	1,571	1017·5	960·9	..	49·1	45·3	41·3	8·5	74	..	0·1	..	0·2	0	0	3	0	0	2	1	0	0	0	0	28
	0830	"	1018·5	962·6	−0·3	54·3	49·9	45·3	10·4	71	+5	0·7	−0·7	0·4	0	0	5	1	0	2	2	0	0	0	0	26
	1130	"	1016·3	962·8	..	78·2	60·5	46·0	10·8	33	..	0·6	..	2·9	0	0	23	3	5	4	1	0	1	1	8	8
	1730	"	1013·0	959·8	..	80·1	61·2	45·8	10·8	31	..	0·9	..	2·3	0	0	25	6	6	1	0	0	1	3	8	6
	2330	"	1017·9	962·0	..	55·4	49·0	42·2	9·3	61	..	0·1	..	0·1	0	0	1	1	0	0	0	0	0	0	0	30
much	0830	1,626	1019·1	961·7	+0·5	59·7	49·3	37·7	8·0	45	−8	1·0	−0·4	1·4	0	0	16	7	6	0	1	1	0	0	2	15
	1730	"	1014·1	959·1	..	79·6	57·7	36·2	7·7	21	..	1·4	..	2·5	0	0	26	6	12	2	0	0	3	1	2	5
lam	0830	1,596	1018·1	962·0	..	61·6	52·2	42·6	9·7	50	..	1·1	..	3·6	0	0	24	5	12	6	1	0	0	0	0	7
	1730	"	1013·1	959·2	..	80·3	62·2	48·4	11·7	34	..	1·7	..	4·6	0	0	31	5	14	5	1	0	0	3	3	0
ore	0530	1,861	900·4	951·1	..	53·3	44·9	34·1	6·8	49	..	0·2	..	1·5	0	0	13	0	1	3	6	0	2	1	0	18
	0830	"	903·0	953·1	+0·3	61·4	50·5	39·0	8·1	44	−8	0·6	−0·8	2·1	0	0	20	1	4	4	5	3	2	0	1	11
	1130	"	904 5	952·9	..	78·2	57·9	38·9	8·3	25	..	0·8	..	6·8	0	1	28	5	7	6	7	0	2	0	2	2
	1730	"	902·0	950·4	..	77·5	57·0	36·8	7·6	23	..	1·2	..	5·7	0	0	30	6	17	0	1	0	2	2	2	1
	2330	"	901·8	951·8	..	60·4	49·8	38·4	8·0	44	..	0·3	..	3·9	0	1	20	0	7	3	5	1	1	3	1	10
pal (Bairagarh)	0230	1,715	900·0	955·8	..	58·1	50·5	43·2	9·5	58	..	0·1	..	2·7	0	0	21	4	7	4	2	1	1	1	1	10
	0530	"	899·7	955·9	..	54·8	48·8	42·9	9·3	64	..	0·3	..	2·8	0	0	21	4	8	3	2	0	2	1	1	10
	0830	"	902·4	958·0	0	61·6	52·8	45·0	10·1	55	−5	0·7	−1·0	1·9	0	0	14	2	6	0	4	0	1	0	1	17
	1130	"	903·9	957·9	..	76·8	60·5	48·6	11·6	37	..	0·7	..	6·5	0	2	27	1	9	5	5	3	4	0	2	
	1730	"	901·5	955·2	..	77·9	60·7	47·0	11·3	34	..	0·8	..	5·9	0	0	29	8	9	2	0	0	2	2	6	2
	2330	"	901·3	956·7	..	61·8	52·5	44·0	9·8	53	..	0·1	..	2·6	0	0	17	4	4	1	3	3	0	0	2	14
ya Pradesh.																										
gong	0830	750	1018·4	991·2	−0·6	53·6	49·8	45·6	10·6	75	−1	0·5	−1·0	1·5	0	0	23	0	0	0	0	10	11	2	0	8
	1730	"	1014·0	988·0	..	76·5	61·2	48·0	11·6	38	..	1·7	..	1·3	0	0	21	5	9	2	0	0	0	0	5	10
a	0830	1,041	1018·3	981·2	−0·2	59·5	53·8	48·2	11·6	66	0	0·6	−0·8	1·2	0	0	17	0	0	2	0	0	10	5	0	14
	1730	"	1013·6	977·7	..	75·2	62·1	51·9	13·2	44	..	1·2	..	1·6	0	0	21	2	0	1	2	0	0	0	16	10

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, miles per hour.	Wind speed (m.p.h.).			No. of observations.								
			At mean sea or nearest s. 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	1,506	1018·3	964·9	..	57·8	52·0	46·2	11·1	65	−2	0·6	−1·2	0·8	0	0	10	1	0	2	5	0	2	0	0	21
	1730	"	1013·3	962·0	..	72·9	60·7	50·9	13·3	48	..	1·0	..	0·5	0	0	9	2	3	1	0	1	0	0	1	22
Madhya Pradesh, East.																										
Gondia	0830	1,026	1018·4	981·9	..	60·9	55·3	50·1	12·5	68	..	1·2	..	1·3	0	0	19	4	9	1	2	0	2	0	1	12
	1730	"	1013·4	978·2	..	78·0	62·1	48·5	11·8	36	..	2·0	..	1·5	0	0	19	4	4	2	2	1	0	2	4	12
Pendra	0530	2,048	901·7	945·1	..	53·9	49·6	45·5	10·5	74	..	0	..	0·7	0	0	7	1	1	0	0	5	0	0	0	24
	0830	"	904·1	947·1	+0·1	61·7	54·2	47·7	11·3	61	−3	0·5	−1·1	0·8	0	0	9	4	0	0	0	4	0	0	1	22
	1130	"	904·4	946·4	..	72·6	58·5	46·8	11·3	40	..	0·8	..	2·7	0	0	29	10	3	0	0	8	2	0	6	2
	1730	"	902·1	944·1	..	70·5	58·0	47·5	11·4	45	..	0·8	..	1·4	0	0	21	10	0	0	1	7	0	0	3	10
	2330	"	902·6	945·7	..	58·3	52·5	47·3	11·3	67	..	0	..	1·2	0	0	16	1	0	0	0	6	0	2	7	15
Raigarh	0830	723	1018·4	992·6	..	63·4	57·4	52·1	13·4	67	..	0·1	..	1·5	0	0	15	1	11	3	0	0	0	0	0	16
	1730	"	1013·9	989·0	..	76·6	62·4	50·9	12·9	41	..	0·3	..	0·3	0	0	3	1	1	0	1	0	0	0	0	28
Ambikapur	0830	2,005	903·2	948·4	..	55·5	52·1	48·9	12·0	79	..	0·4	..	0·7	0	0	8	0	3	0	0	1	4	0	0	23
	1730	"	901·8	945·5	..	70·9	59·0	49·7	12·2	47	..	0·9	..	3·9	0	0	29	22	2	0	1	0	0	0	4	2
Champa	0830	805	1018·1	989·5	..	61·3	56·2	51·6	13·1	70	..	0·4	..	2·8	0	0	28	16	3	0	1	0	0	0	8	9
	1730	"	1013·8	986·0	..	77·4	62·8	51·2	13·0	42	..	1·1	..	2·4	0	0	26	14	3	4	0	1	0	1	3	5
Raipur	0530	979	1016·1	981·2	..	57·9	53·8	49·8	12·3	75	..	0	..	0·6	0	0	9	2	1	0	0	4	0	0	2	22
	0830	"	1018·1	983·5	+0·3	65·1	57·0	49·9	12·4	58	−6	0·1	−1·1	0·8	0	0	12	3	1	0	1	5	2	0	0	19
	1130	"	1016·4	982·6	..	76·1	61·3	48·9	11·5	39	..	0·3	..	2·3	0	0	22	0	3	6	5	4	2	0	2	9
	1730	"	1013·6	979·9	..	76·3	61·3	48·4	11·8	38	..	0·3	..	0·6	0	0	9	3	3	2	1	0	0	0	0	22
	2330	"	1015·9	981·4	..	65·4	56·8	49·1	11·9	56	..	0	..	0·9	0	0	14	2	1	1	4	4	0	0	2	17
Kanker	0830	1,318	1018·4	971·8	+0·5	61·0	56·0	51·7	13·1	71	−4	0·2	−1·5	0	0	0	0	0	0	0	0	0	0	0	0	31
	1730	"	1013·3	968·3	..	77·1	61·6	48·7	11·7	37	..	0·7	..	0·1	0	0	2	0	2	0	0	0	0	0	0	28
Chanda	0830	634	1018·0	995·4	+0·4	62·3	57·2	52·5	13·7	71	−1	0·2	−1·3	0	0	0	0	0	0	0	0	0	0	0	0	31
	1730	"	1013·4	991·4	..	77·4	64·0	53·7	14·3	44	..	0·9	..	0	0	0	0	0	0	0	0	0	0	0	0	31
Sironcha	0830	405	1018·1	1003·6	..	61·5	58·1	55·6	15·0	80	..	0·6	..	0·7	0	0	11	4	2	2	1	0	0	0	2	20
	1730	"	1013·7	999·6	..	79·4	65·8	56·2	15·6	45	..	0·4	..	2·0	0	0	26	6	10	5	4	1	0	0	0	5
Jagdalpur (P.B.O.)	0530	1,813	899·0	952·5	..	51·2	50·3	49·4	11·9	93	..	0	..	0·3	0	0	3	0	0	0	0	0	0	0	3	28
	0830	"	902·7	954·7	+0·5	58·8	54·9	51·7	13·1	77	−4	0·2	−2·0	1·5	0	0	18	3	3	0	1	0	1	3	7	19
	1130	"	903·3	953·7	..	74·8	61·1	50·9	12·9	43	..	0·3	..	4·2	0	0	31	3	17	7	1	0	0	0	3	0
	1730	"	900·9	951·3	..	73·3	61·5	53·3	13·5	50	..	0·7	..	1·9	0	0	23	3	15	1	0	0	1	0	3	6
	2330	"	900·9	953·0	..	57·6	54·4	52·7	13·1	83	..	0	..	0·3	0	0	5	0	1	0	0	0	0	2	2	20
Madhya Pradesh, West.																										
Buldhana	0850	2,133	904·3	943·7	..	66·8	54·5	43·0	9·6	43	..	0·8	...	2·1	0	0	25	0	0	0	5	10	7	0	3	0
	1730	,,	902·6	940·9	..	80·5	60·7	44·5	10·1	29	..	1·2	..	2·3	0	0	27	3	17	1	2	1	0	2	1	4
Akola	0830	925	1018·0	985·1	+0·4	60·8	51·9	42·2	9·2	51	−6	1·3	−0·3	2·2	0	0	30	1	0	3	6	6	4	7	3	1
	1130	"	1016·2	984·4	..	79·9	61·6	45·2	10·5	30	..	0·9	..	2·9	0	0	27	2	2	4	6	2	3	6	2	4
	1730	"	1012·9	981·4	..	83·7	62·3	42·9	9·5	24	..	0·9	..	2·1	0	0	31	8	7	4	2	3	1	2	4	0
Akola (Aerodrome)	0530	1,015	1015·8	979·4	..	56·2	48·7	39·7	8·4	54	..	0·4	..	1·6	0	0	18	2	3	6	6	1	0	0	0	15
	2330	"	1015·5	979·8	..	64·8	53·0	39·6	8·5	40	..	0·3	..	2·8	0	0	24	3	0	6	9	3	3	0	0	7
Amravati	0830	1,213	1017·8	975·2	+0·5	66·2	54·7	42·3	9·5	43	−8	1·0	−0·6	2·5	0	0	31	0	17	12	0	0	2	0	0	0
	1730	"	1012·6	971·6	..	83·1	61·2	49·9	8·5	22	..	1·3	..	2·3	0	0	27	1	2	11	6	1	2	3	1	4
Yeotmal	0830	1,481	1017·1	965·9	..	69·8	59·6	52·2	12·6	54	..	1·7	..	4·2	0	0	29	5	2	9	0	9	3	1	0	2
	1730	"	1012·9	962·7	..	78·7	63·2	52·6	12·8	41	..	1·8	..	3·5	0	0	29	8	4	14	0	2	0	0	1	2
Khandwa	0830	1,044	1017·9	980·7	+0·2	59·2	50·2	39·7	8·4	49	−11	1·0	−0·4	0	0	0	0	0	0	0	0	0	0	0	0	31
	1730	"	1012·6	977·1	..	83·2	61·9	42·1	9·3	25	..	1·5	..	3·7	0	0	22	1	18	0	0	2	1	0	0	9
Hoshangabad	0830	992	1018·4	983·0	−0·2	59·4	53·0	46·6	10·9	63	+3	0·6	−0·8	1·9	0	0	17	0	2	9	6	0	0	0	0	14
	1730	"	1013·2	979·3	..	80·7	62·3	46·4	10·8	31	..	0·8	..	0·6	0	0	9	0	1	5	3	0	0	0	0	22
Sagar	0830	1,808	902·8	954·6	−0·2	64·6	53·7	43·1	9·7	47	−4	0·5	−0·9	6·1	0	0	28	2	3	4	9	7	2	1	0	9
	1730	,,	901·2	951·7	...	75·0	57·8	42·0	9·4	31	..	1·1	..	5·7	0	0	31	5	5	4	4	2	3	3	5	9
Jabalpur	0530	1,289	1017·2	970·7	..	50·2	48·2	46·0	10·6	85	..	0	..	1·3	0	0	14	1	1	1	8	2	0	0	1	17
	0830	"	1018·7	972·8	+0·3	58·8	52·7	46·8	11·1	64	−9	0·5	−0·8	3·0	0	0	27	0	0	0	23	1	1	0	2	4
	1130	"	1016·4	972·1	..	75·9	61·3	49·0	12·0	39	..	0·4	..	3·6	0	0	28	2	5	1	9	1	4	1	5	9
	1730	"	1013·4	969·3	..	76·5	63·3	53·2	14·3	45	..	1·1	..	1·7	0	0	15	1	4	5	2	1	0	0	2	16
	2330	"	1016·9	970·9	..	56·7	52·9	49·3	11·5	75	..	0·3	..	1·2	0	0	12	1	1	0	8	1	0	0	1	19
Mandla	0830	1,452	1019·5	967·5	..	52·6	50·6	48·6	11·7	86	..	0·5	..	0·3	0	0	5	2	0	0	1	0	0	0	2	26
	1730	"	1013·4	963·6	..	73·4	60·5	50·3	12·2	45	..	1·2	..	1·8	0	0	17	7	0	0	1	1	1	0	7	14
Seoni	0830	2,027	903·7	947·4	+0·2	60·3	52·2	44·2	10·1	55	−5	0·4	−1·0	0·3	0	0	5	2	3	0	0	0	0	0	0	26
	1730	"	902·4	944·8	..	74·9	58·3	44·2	8·1	34	..	0·9	..	1·7	0	0	26	7	6	5	6	2	0	0	0	5

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, miles per hour.	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
dhya Pradesh, West—*contd.*																										
hhindwara	0830	2,248	904·4	940·3	..	57·9	50·8	44·4	9·9	61	..	0·5	..	0·4	0	0	4	2	1	1	0	0	0	0	0	27
	1730	,,	902·8	937·3	..	76·3	57·1	38·6	8·2	26	..	1·1	..	3·0	0	0	26	2	17	0	4	1	0	1	1	5
etul	0830	2,144	903·9	943·8	..	56·8	50·8	45·6	10·2	66	..	0·6	..	1·2	0	0	15	0	1	7	7	0	0	0	0	16
	1730	,,	902·4	940·8	..	75·0	57·8	42·7	9·4	32	..	1·3	..	3·2	0	0	29	12	11	0	1	1	1	1	2	2
agpur	0230	1,021	1016·2	979·7	..	57·0	51·4	45·5	10·4	66	..	0·2	..	1·5	0	0	18	0	1	0	0	0	0	5	12	13
	0530	,,	1016·7	979·9	..	54·5	49·9	45·2	10·2	71	..	0·2	..	1·2	0	0	13	2	0	0	0	0	0	1	10	18
	0830	,,	1018·6	982·4	+0·7	63·6	55·1	47·0	11·0	55	−1	0·4	−1·3	2·1	0	0	22	12	6	2	0	0	0	0	2	9
	1130	,,	1016·8	981·7	..	78·9	63·1	50·3	12·6	37	..	0·7	..	4·1	0	0	29	1	8	9	2	4	1	3	1	2
	1730	,,	1013·6	978·5	..	78·9	62·3	48·7	11·7	35	..	1·2	..	2·4	0	0	22	0	0	13	8	1	0	0	0	9
	2330	,,	1016·8	980·5	..	60·6	53·7	46·7	10·8	61	..	0·3	..	1·3	0	0	16	2	0	1	0	1	0	3	9	15
arat																										
eesa	0830	444	1017·6	1001·6	+0·5	61·0	52·5	43·4	9·7	53	..	0·8	..	..	0	0	27	5	13	0	0	0	6	0	3	4
	1730	,,	1013·6	998·4	..	84·4	64·1	47·2	11·3	28	..	1·0	..	..	0	0	18	5	3	0	0	1	4	1	4	13
urat	0530	39	1014·4	1013·0	..	62·6	56·5	51·2	12·9	67	..	0·1	..	3·1	0	0	24	2	8	10	3	0	0	0	1	7
	0830	,,	1016·5	1015·1	+0·8	64·3	57·7	52·0	13·3	65	+7	0·8	−0·5	3·0	0	0	25	1	8	14	1	0	0	0	1	6
	1130	,,	1016·5	1015·1	..	85·1	67·3	54·9	14·8	36	..	0·8	..	4·4	0	0	30	6	8	12	1	0	0	0	3	1
	1730	,,	1013·0	1011·7	..	88·4	70·7	59·1	17·6	40	..	0·7	..	2·7	0	0	30	2	10	1	1	0	1	5	10	1
	2330	,,	1015·0	1013·6	..	69·5	61·3	55·2	14·9	61	..	0·5	..	3·7	0	0	29	12	14	1	0	0	0	1	1	2
hmedabad	0230	182	1015·0	1008·5	..	60·0	53·2	46·3	10·8	61	..	0·3	..	3·5	0	0	27	10	11	4	0	0	0	0	2	4
	0530	,,	1015·0	1008·4	..	57·4	51·7	45·4	10·5	65	..	0·1	..	4·6	0	0	30	4	15	9	0	0	0	0	2	1
	0830	,,	1017·1	1010·6	+0·2	62·3	53·9	45·4	10·5	54	−6	0·9	−0·1	5·0	0	0	29	1	8	17	0	0	0	0	3	2
	1130	,,	1017·1	1010·8	..	80·3	62·9	48·0	11·7	34	..	0·7	..	7·7	0	0	31	2	2	19	5	1	0	0	2	0
	1730	,,	1013·6	1007·4	..	84·6	64·2	47·4	11·3	28	..	0·8	..	5·2	0	0	31	6	7	7	1	0	0	2	8	0
	2330	,,	1015·6	1009·2	..	63·7	55·5	47·8	11·3	56	..	0·4	..	2·8	0	0	27	13	7	2	0	0	0	0	5	4
ohad	0830	1,093	1017·8	979·2	..	63·4	53·1	41·7	9·2	46	−19	0·5	−1·0	4·0	0	0	26	1	7	8	4	3	2	1	0	5
	1730	,,	1012·9	975·9	..	84·7	62·9	42·9	9·8	24	..	0·3	..	4·1	0	0	31	5	13	0	1	2	5	3	2	0
aroda	0530	115	1014·8	1010·6	..	53·8	52·3	50·6	12·7	90	..	0·1	..	0·5	0	0	7	0	6	1	0	0	0	0	0	24
	0830	,,	1016·9	1012·7	..	56·8	53·6	50·5	12·6	80	+16	0·8	−0·2	0·6	0	0	7	1	5	1	0	0	0	0	0	24
	1130	,,	1016·8	1012·8	..	82·9	69·1	59·7	18·1	47	..	0·7	..	1·9	0	0	16	0	4	9	3	0	0	0	0	15
	1730	,,	1013·3	1009·4	..	83·6	71·9	64·8	21·4	54	..	0·8	..	0·9	0	0	11	2	6	1	0	0	0	0	2	20
	2330	,,	1015·4	1011·2	..	61·4	57·4	54·0	14·3	77	..	0·4	..	1·1	0	0	12	3	7	1	0	0	0	0	1	19
aroda (Aerodrome) *	0530	124	1015·7	1011·2	..	57·4	51·6	45·6	10·4	65	..	0·7	..	2·5	0	0	16	0	11	0	0	1	2	0	2	3
	0830	,,	1016·9	1012·5	..	62·9	54·0	45·5	10·3	54	..	0·7	..	3·0	0	0	23	10	8	0	2	1	1	0	1	8
	1730	,,	1013·4	1009·2	..	85·8	64·4	46·4	11·0	26	..	0·7	..	4·3	0	0	27	9	8	1	0	0	1	1	7	4
	2330	,,	1015·4	1010·9	..	65·1	55·9	46·9	11·2	53	..	0·4	..	2·9	0	0	26	3	17	0	1	0	1	0	4	5
roach	0830	57	1016·5	1014·4	..	59·8	53·1	46·5	10·8	62	..	0·4	..	3·1	0	0	31	4	8	6	7	1	2	1	2	0
	1730	,,	1013·0	1011·0	..	88·8	64·7	44·1	10·0	22	..	0	..	3·2	0	0	31	1	19	0	1	0	0	0	10	0
rashtra and Kutch																										
huj	0830	343	1017·8	1005·5	+0·6	62·5	57·5	52·9	13·9	72	+23	1·5	+0·4	0·1	0	0	2	0	0	0	0	1	0	1	0	29
	1730	,,	1014·6	1002·8	..	84·6	66·3	51·5	13·8	34	..	0·8	..	3·7	0	0	29	10	11	4	0	0	0	1	3	2
huj (P. B. O.)	0230	347	1015·5	1003·1	..	64·9	55·6	47·5	10·9	55	..	0·2	..	(b) 0·5	0	0	7	0	0	0	0	2	5	0	0	24
	0530	,,	1015·6	1003·2	..	63·1	54·9	47·7	11·1	59	..	0·6	..	0·2	0	0	2	0	0	0	0	0	1	1	0	29
	0830	,,	1017·2	1004·8	..	64·5	56·8	50·5	12·3	62	..	1·7	..	0·3	0	0	2	1	0	0	0	0	1	0	0	29
	1130	,,	1017·2	1005·1	..	79·3	62·5	49·9	11·7	39	..	1·3	..	4·1	0	1	29	6	18	4	1	0	0	1	0	1
	1730	,,	1014·1	1002·1	..	83·0	61·9	45·7	9·4	29	..	1·3	..	3·4	0	0	25	4	17	1	0	0	0	1	2	6
	2330	,,	1016·1	1003·8	..	67·6	57·1	48·2	11·3	52	..	0·6	..	0·6	0	0	6	1	0	0	0	1	4	0	0	25
warka	0830	37	1017·2	1015·9	+0·5	69·2	65·9	63·7	20·2	83	+19	1·6	+0·1	5·4	0	0	31	6	17	6	0	0	0	0	2	0
	1730	,,	1014·4	1013·1	..	80·6	68·9	60·6	18·9	55	..	0·9	..	10·1	0	3	28	11	9	1	0	0	0	1	9	0
orbandar	0830	23	1016·4	1015·6	..	65·1	57·8	51·0	13·1	62	..	0·7	..	4·0	0	0	29	10	14	4	0	0	0	0	1	2
	1730	,,	1013·5	1012·7	..	84·2	68·6	57·6	16·8	44	..	1·0	..	9·9	0	2	29	4	2	1	0	0	2	13	9	0
ansnagar	0530	74	1015·4	1012·7	..	57·8	52·8	47·3	11·4	70	..	0·4	..	5·2	0	0	31	0	3	6	10	8	3	0	1	0
	0830	,,	1017·5	1014·8	+0·7	61·6	54·5	47·3	11·3	61	0	1·5	+0·5	4·3	0	0	30	0	1	8	19	1	0	1	0	1
	1130	,,	1017·7	1015·1	..	79·3	64·6	52·9	14·2	42	..	1·4	..	7·3	0	1	30	6	16	7	0	0	0	2	0	0
	1730	,,	1014·2	1011·6	..	81·2	64·7	51·5	13·4	37	..	1·1	..	7·7	0	1	30	20	8	0	0	0	0	1	2	0
ajkot	0830	432	1017·3	1001·8	+0·8	62·4	53·9	44·4	10·4	54	+5	1·5	+0·1	0·8	0	0	13	1	1	8	3	0	0	0	0	18
	1730	,,	1013·6	998·9	..	86·1	63·4	42·9	9·7	23	..	1·1	..	3·1	0	0	28	7	10	6	1	0	0	1	3	3
ajkot (Aerodrome)	0530	439	1015·5	999·8	..	58·3	50·7	41·5	9·3	56	..	1·1	..	4·3	0	0	30	4	3	8	9	3	2	0	1	1
	0830	,,	1017·3	1001·7	..	64·1	54·5	44·2	10·3	51	..	1·5	..	3·1	0	0	26	2	6	12	3	1	0	1	1	5
	1130	,,	1016·8	1001·7	..	82·4	63·4	47·3	11·4	31	..	1·1	..	8·5	0	1	30	3	14	9	2	0	0	2	1	0

*Observations for 30 days. (b) Means of 29 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.			Mean temperature in °F.			Vapour pressure in mbs.	Relative humidity %.		Cloud amount (Oktas).		Mean wind speed, miles per hour.	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
Saurashtra and Kutch—*contd.*																										
Veraval	0230	26	1014·3	1013·4	..	62·3	55·3	48·1	11·8	62	..	0·1	..	5·9	0	0	31	10	19	0	0	0	0	0	2	0
	0530	,,	1014·3	1013·4	..	60·8	53·2	44·9	10·4	57	..	0·2	..	6·7	0	0	31	11	18	0	0	0	0	0	2	0
	0830	,,	1016·2	1015·3	+0·5	65·2	55·1	44·5	10·3	49	0	0·9	−0·3	6·6	0	0	30	9	20	1	0	0	0	0	0	1
	1130	,,	1016·3	1015·4	..	86·2	63·9	43·1	10·2	25	..	0·8	..	9·8	0	6	25	2	8	9	3	3	0	1	5	0
	1730	,,	1013·3	1012·4	..	80·4	70·4	63·6	20·9	60	..	1·1	..	8·9	0	8	23	0	2	0	5	7	5	7	5	0
	2330	,,	1015·4	1014·5	..	65·4	59·1	53·4	14·3	68	..	0·3	..	5·2	0	0	31	8	17	3	0	0	0	0	3	0
Mahuva	0830	51	1015·9	1014·1	..	65·2	55·9	47·2	11·1	53	..	0·7	..	2·8	0	0	18	3	15	0	0	0	0	0	0	13
	1730	,,	1013·0	1011·2	..	84·9	67·6	55·5	15·2	38	..	0·5	..	7·5	0	1	30	1	9	4	15	2	0	0	0	0
Bhavnagar	0830	55	1017·5	1015·5	+1·1	59·5	51·5	42·5	9·5	54	+6	0·5	−0·9	2·3	0	0	27	1	0	0	0	0	8	16	2	4
	1730	,,	1013·7	1011·8	..	85·8	65·4	49·5	12·2	29	..	0·5	..	2·3	0	0	30	1	19	3	6	0	0	0	1	1
Bhavnagar (Aerodrome)	0830	35	1016·8	1015·5	..	64·2	53·8	42·5	9·5	46	..	1·0	..	4·7	0	1	22	3	1	0	0	0	0	6	13	8
	1130	,,	1016·9	1015·7	..	78·2	62·3	49·0	12·0	37	..	0·8	..	5·7	0	1	29	10	15	5	0	0	0	0	0	1
Konkan																										
Dahanu	0830	15	1015·3	1014·8	..	65·7	59·8	54·8	14·9	69	..	0·4	..	5·5	0	0	31	1	1	15	14	0	0	0	0	0
	1730	,,	1012·5	1012·0	..	79·3	73.3	70·2	25·3	74	..	0·4	..	11·8	0	12	19	15	0	0	0	0	0	0	16	0
Bombay (Colaba)	0830	35	1015·6	1014·4	+0·8	73·4	67·0	63·0	19·7	71	+1	0·5	−0·9	6·4	0	0	29	2	5	21	1	0	0	0	0	2
	1130	,,	1015·6	1014·4	..	81·6	69·7	62·5	19·4	53	..	0·3	..	5·4	0	0	30	0	6	17	4	0	0	0	3	1
	1730	,,	1012·3	1011·1	..	80·7	72·3	67·9	23·2	65	..	0·7	..	7·6	0	0	31	2	0	0	0	0	0	4	25	0
Bombay (Santacruz Aerodrome)	0230	27	1013·3	1012·4	..	64·3	59·4	55·4	15·1	75	..	0	..	2·5	0	0	20	0	8	8	4	0	0	0	0	11
	0530	,,	1013·5	1012·6	..	63·1	57·8	53·2	14.0	73	..	0·1	..	3·2	0	0	21	0	6	8	5	2	0	0	0	10
	0830	,,	1015·7	1014·8	+0·9	69·4	61·1	54·4	14·6	60	−5	0·5	−0·9	2·6	0	0	18	0	2	3	11	2	0	0	0	13
	1130	,,	1015·7	1014·8	..	85·3	65·3	49·7	12·3	30	..	0·5	..	6·0	0	1	29	1	9	10	8	0	0	0	2	1
	1730	,,	1012.4	1011·5	..	82·7	68·6	59·4	17·5	46	..	0·7	..	11·4	0	8	23	7	0	0	0	0	0	1	23	0
	2330	,,	1014·4	1013.5	..	67·6	61·7	57·1	16·1	70	..	0	..	1·9	0	0	16	4	7	1	3	1	0	0	0	15
Alibag	0830	23	1015·5	1014·7	+0·8	69·7	63·0	58·1	16·7	67	+3	0·4	−1·4	3·9	0	0	31	1	6	18	5	0	0	0	1	0
Harnai	0830	66	1014·9	1012.6	..	77·0	64·1	54·2	14·6	46	..	0·2	..	6·8	0	6	22	1	9	12	2	1	1	1	1	3
	1730	,,	1011·9	1009·6	..	80·9	71·9	66·9	22·6	63	..	0·4	..	11·3	0	8	23	9	0	0	0	0	0	4	18	0
Ratnagiri	0830	116	1014·9	1010·8	+0·7	72·0	61·6	53·3	14·0	53	..	1·5	..	..	0	5	26	0	6	25	0	0	0	0	0	0
	1730	,,	1011·4	1007·4	..	83·2	71·2	64·2	20·7	54	..	0·9	..	..	0	2	29	0	0	0	0	0	0	31	0	0
Devgad	0830	117	1014·9	1010·7	..	72·3	63·3	57·5	15·8	61	..	0·5	..	6·5	0	0	31	0	6	21	3	1	0	0	0	0
	1730	,,	1011·0	1007·0	..	84·8	72·4	65·5	21·6	53	..	0·7	..	11·4	0	11	20	2	0	2	0	0	0	8	19	0
Vengurla	0230	29	1012·8	1011·8	..	65·8	63·0	61·1	18·4	86	..	0·2	..	..	0	0	8	5	2	0	0	0	0	0	1	23
	0530	,,	1012·9	1011·9	..	63·7	60·6	58·7	16;7	83	..	0·2	..	..	0	0	7	3	4	0	0	0	0	0	0	24
	0830	,,	1015·2	1014·2	..	70·2	62·2	55·9	15·5	61	..	0·6	..	..	0	0	8	3	3	1	0	0	0	1	0	23
	1130	,,	1014·7	1013.7	..	86·9	67·5	52·5	14·2	31	..	0·6	..	..	0	0	19	1	6	10	1	0	1	0	0	12
	1730	,,	1011·4	1010·4	..	84·2	71·3	63·6	20·3	51	..	0·5	..	..	0	0	7	0	1	0	0	0	1	5	0	24
	2330	,,	1013·8	1012·8	..	68·9	65·5	63·3	19·9	83	..	0	..	..	0	0	0	0	0	0	0	0	0	0	0	31
Marmagao	0830	202	1014·7	1007·7	+0·8	74·9	68·1	63·9	20·4	70	+8	0·8	−1·0	5·8	0	0	31	0	5	21	5	0	0	0	0	0
	1730	,,	1010·8	1003·9	..	83·6	76·5	72·9	27·9	72	..	0·9	..	5·5	0	0	31	0	0	2	1	1	3	17	7	0
Karwar	0830	13	1014·5	1014·0	+0·7	72·9	64·9	59·5	17·4	64	..	0·3	..	..	0	0	7	1	3	0	3	0	0	0	0	24
	1730	,,	1010·5	1010·1	..	84·6	75·5	70·6	26·1	66	..	0·4	..	..	0	0	12	0	0	0	0	0	0	1	11	19
Honavar	0830	85	1014·5	1011·5	..	75·9	64·4	56·2	15·4	51	..	1·2	..	4·6	0	0	29	0	10	19	0	0	0	0	0	2
	1730	,,	1010·3	1007·4	..	86·5	72·9	65·3	21·5	51	..	1·4	..	2·5	0	0	26	0	2	2	0	0	0	12	10	5
Deccan (Desh)																										
Jalgaon	0830	660	1017·9	994·2	..	58·5	50·2	40·4	8·7	51	..	0·6	..	3·1	0	0	22	0	0	11	9	2	0	0	0	
	1730	,,	1012·4	989·9	..	86·6	63·1	41·9	9·1	21	..	0·7	..	3·1	0	0	21	3	0	5	5	1	1	3	3	19
Malegaon	0830	1,435	1018·2	967·5	+0·7	60·5	49·8	36·5	7·4	40	−17	0·5	−1·1	1·2	0	0	16	0	0	1	0	0	1	11	3	10
	1730	,,	1012·3	964·1	..	83·8	60·1	35·8	7·2	19	..	0·5	..	2·9	0	0	23	2	11	7	0	1	0	1	1	5
Deolali	0830	1,875	902·4	952·1	..	58·1	49·9	41·6	8·9	55	..	0·5	..	1·8	0	0	18	11	7	0	0	0	0	0	0	18
Ahmednagar	0830	2,154	903·8	943·0	+0·6	60·3	50·1	39·3	8·2	46	−9	0·5	−0·9	0·8	0	0	11	0	0	0	2	0	0	0	9	23
	1730	,,	902·4	939·9	..	81·9	59·5	39·1	8·3	22	..	0·7	..	4·1	0	0	30	0	24	0	3	0	0	0	3	0
Poona	0530	1,835	899·8	951·5	..	52·6	49·3	46·0	10·7	79	..	0	..	0·1	0	0	1	0	0	0	0	0	1	0	0	31
	0830	,,	902·3	953·8	+0·9	57·1	51·8	47·0	11·1	69	−2	0·2	−1·2	0·4	0	0	6	0	0	1	1	0	3	1	0	20
	1130	,,	903·9	953·1	..	78·9	60·3	45·1	10·3	31	..	0·3	..	5·4	0	0	27	0	2	22	0	0	0	1	2	5
	1730	,,	901·0	949·8	..	82·1	60·9	43·4	9·7	26	..	0·4	..	3·0	0	0	24	0	0	19	2	0	0	2	1	4
	2330	,,	901·0	952·0	..	60·8	53·4	46·5	11·0	60	..	0·1	..	0·3	0	0	4	0	0	1	0	0	2	1	0	27
Poona (Lohagaon Aerodrome)	0230	1,947	900·7	947·4	..	60·9	50·8	40·0	8·6	47	..	0	..	2·0	0	0	15	0	1	10	0	0	0	3	1	17
	0530	,,	900·6	947·6	..	57·7	49·3	40·1	8·7	53	..	0	..	1·5	0	0	13	1	3	6	0	1	0	2	0	16
	0830	,,	903·0	949·7	..	63·1	52·1	41·2	8·9	46	..	0·4	..	2·1	0	0	14	0	5	6	1	0	0	1	1	18

TABLE III—SUMMARY OF OBSERVATIONS AT FIXED HOURS—DECEMBER 1953.

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, miles per hour.	Wind speed (m. p. h.).			No. of observations.								
			At mean sea or nearest s. 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
am (Deah)—*contd.*																										
ona (Lohagaon Aerodrome) —*contd.*	1130	1,947	904·4	949·5	..	79·9	59·2	41·0	8·8	25	..	0·5	..	7·9	0	9	19	0	0	18	9	1	0	0	0	3
	1730	,,	901·4	946.0	..	83·9	59·1	35·0	7·1	17	..	0·3	..	6·5	0	0	28	1	3	16	3	0	0	4	1	3
	2330	,,	901·9	948·2	..	65·5	52·5	39·4	8·3	39	..	0	..	1·6	0	0	16	1	0	9	1	0	0	2	3	15
ar	0830	1,709	902·4	958·1	..	61·6	52·5	44·0	9·8	53	..	0·7	..	0·3	0	0	4	0	2	0	1	1	0	0	0	27
	1730	,,	900.9	954·1	..	83·8	62·8	46·7	11·0	28	..	0·7	..	3·2	0	0	22	1	8	9	2	1	1	0	0	9
olapur	0530	1,570	1016·4	960·8	..	56·8	51·0	45·5	10·4	66	..	0·1	..	1·2	0	0	15	0	9	5	1	0	0	0	0	16
	0830	,,	1017·5	962·8	+1·0	66·1	55·9	47·2	11·2	51	−2	0·1	−1·5	0·2	0	0	3	0	2	0	1	0	0	0	0	28
	1130	,,	1015·6	962·2	..	79·4	63·1	51·5	13·1	38	..	0·5	..	4·3	0	0	24	0	5	6	7	6	0	0	0	7
	1730	,,	1011·2	958·6	..	83·6	63·5	48·9	11·9	30	..	0·5	..	2·5	0	0	21	0	20	1	0	0	0	0	0	10
	2330	,,	1015·6	961·0	..	65·7	54·8	45·2	10·3	48	..	0·1	..	3·1	0	0	25	2	14	6	2	1	0	0	0	6
iraj	0830	1,817	902·3	953·6	+0·3	63·2	55·3	48·5	11·7	59	−1	0·7	−1·1	2·5	0	0	19	0	7	9	1	0	0	1	1	12
	1730	,,	901·0	949·9	..	83.1	64·9	52·7	13·6	36	..	0·8	..	6·6	0	0	30	0	14	14	2	0	0	0	0	1
lhapur	0530	1,870	900·0	949·7	..	58·2	50·9	43·4	9·8	59	..	0·2	..	3·0	0	0	21	0	4	8	1	2	5	1	0	10
	0830	,,	902·5	951·9	..	62·5	53·2	44·3	10·1	52	..	0·4	..	2·8	0	0	19	0	4	14	1	0	0	0	0	12
	1130	,,	903·5	951·4	..	77·7	60·4	46·4	10·9	34	..	0·5	..	11·7	0	15	16	0	4	22	4	1	0	0	0	0
	1730	,,	900·7	947·9	..	83·3	60·1	39·4	8·4	21	..	0·7	..	8·0	0	4	24	0	12	15	0	0	0	1	0	3
apur	0830	1,950	903·3	949·4	+0·6	67·2	56·2	47·2	11·0	51	−10	0·3	−1·5	1·8	0	0	27	5	6	1	5	5	3	1	1	4
	1730	,,	901·2	945·9	..	81·4	61·2	45·1	10·3	28	..	0·7	..	2·8	0	0	31	2	17	9	1	1	1	0	0	0
lgaum	0830	2,562	904·1	928·6	+0·6	60·0	53·3	46·2	11·2	64	+2	0·4	−1·4	2·3	0	0	17	0	4	13	0	0	0	0	0	14
	1730	,,	902·2	925·7	..	80·5	60·2	42·2	9·6	26	..	0·2	..	2·5	0	0	20	0	6	14	0	0	0	0	0	11
lgaum (Sambre Aerodrome)	0530	2,497	902·3	929·0	..	60·7	52·8	45·5	10·5	58	..	0·3	..	6·6	0	2	27	0	4	18	7	0	0	0	0	2
	0830	,,	904·4	930·7	..	67·5	57·7	49·6	12·3	54	..	0·9	..	11·0	0	14	12	0	4	14	8	0	0	0	0	5
	1130	,,	904·6	930·5	..	76·5	60·6	47·7	11·7	37	..	1·0	..	16·0	0	22	9	0	5	20	6	0	0	0	0	0
	1730	,,	902·1	927·9	..	79·2	59·1	41·3	9·0	26	..	0·8	..	10·2	0	12	17	0	10	17	1	0	0	1	0	2
idag	0830	2,131	904·0	943·2	+0·8	70·1	60·1	53·3	13·7	57	−5	2·1	+0·3	5·5	0	0	31	0	9	21	1	0	0	0	0	0
	1730	,,	901·5	939·7	..	80·4	63·9	52·0	13·6	39	..	2·1	..	6·0	0	0	31	0	13	18	0	0	0	0	0	0
idag (P.E.O.) . . .	0530	2,167	901·2	939·7	..	60 2	52·9	47·2	10·8	63	..	0·3	..	..	0	0	5	0	0	4	1	0	0	0	0	26
	0830	,,	904·0	942·0	..	68·2	59·1	53·0	13·4	60	..	0·7	..	..	0	1	30	0	1	21	9	0	0	0	0	0
	1130	,,	904·1	941·5	..	76·3	61·6	52·5	12·8	45	..	0·7	..	..	0	5	26	0	3	24	4	0	0	0	0	0
	1730	,,	901·5	938·6	..	79·3	60·9	48·9	10·8	35	..	0·6	..	..	0	0	29	0	2	27	0	0	0	0	0	2
	2330	,,	902·4	940·5	..	65·8	54·5	46·2	10·0	50	..	0·2	..	..	0	0	13	0	1	12	0	0	0	0	0	18
rabad, North rangabad	0830	1,905	903·4	951·7	+0·3	61·4	52·1	42·7	9·6	51	−2	0·7	−1·0	1·1	0	0	17	0	1	15	1	0	0	0	0	14
	1730	,,	902·1	948·3	..	83·7	61·8	43·0	10·0	25	..	1·1	..	4·7	0	0	31	3	7	13	2	2	1	2	1	0
rangabad (Chikalthana Aerodrome)	0230	1,898	899·9	949·4	..	50·9	43·7	34·7	6·9	54	..	0·1	..	0·4	0	0	3	2	1	0	0	0	0	0	0	28
	0530	,,	900·2	949·9	..	49·1	42·6	34·2	6·7	57	..	0	..	0·1	0	0	1	0	0	0	1	0	0	0	0	30
	0830	,,	904·0	951·9	..	66·8	54·1	42·3	9·2	41	..	0·2	..	0·6	0	0	5	1	0	2	0	0	0	1	1	26
	1130	,,	904·6	951·5	..	78·9	60·6	45·8	10·6	32	..	0·3	..	3·8	0	0	21	1	0	10	9	0	1	0	0	10
	1730	,,	901·8	948·4	..	81·3	60·3	42·3	9·4	26	..	0·3	..	3·2	0	0	22	2	4	7	7	0	2	0	0	9
	2330	,,	901·2	950·3	..	55·1	46·2	35·5	7·1	48	..	0	..	0·3	0	0	2	2	0	0	0	0	0	0	0	29
rbhani	0830	1,389	1018·3	969.4	..	63·1	54·2	45·2	10·3	52	..	0·4	..	1·0	0	0	15	6	4	1	1	0	1	1	1	16
	1730	,,	1012·6	965·6	..	81·3	64·5	51·3	13·1	36	..	0·6	..	1·3	0	0	17	0	13	3	0	0	1	0	0	14
magundam . . .	0830	513	1017·5	999·2	..	66·0	59·9	55·1	14·9	68	..	0·8	..	1·6	0	0	21	12	1	1	2	1	0	0	4	10
	1730	,,	1012·5	994·9	..	82·4	64·3	50·0	12·5	33	..	1·0	..	2·9	0	0	29	4	18	4	2	1	0	0	0	2
amabad	0830	1,250	1017·5	973·8	+1·2	67·7	59·9	53·3	14·1	61	−6	1·7	+0·1	0	0	0	0	0	0	0	0	0	0	0	0	31
	1730	,,	1012·6	970·1	..	80·4	62·1	45·7	10.8	31	..	0·8	..	1·2	0	0	18	0	15	3	0	0	0	0	0	15
ar	0830	2,178	904·3	942·0	..	67·8	57·7	49·7	11·2	53	−9	0·7	−1·3	6·6	0	3	23	0	1	20	4	1	0	0	0	5
	1730	,,	902·1	939·0	..	76.4	59·1	44·0	10·1	31	..	0·8	..	6·6	0	1	29	3	18	9	0	0	0	0	0	1
rabad, South lbarga	0830	1,503	1017·3	964·9	+0·6	65·8	56·2	48·1	11·6	54	−5	0·5	−0·9	5·2	0	0	27	0	19	7	1	0	0	0	0	4
	1730	,,	1011·4	960·9	..	82·7	61·0	42·3	9·5	25	..	0·7	..	8·3	0	1	30	1	8	19	2	0	1	0	0	0
chur	0830	1,311	1016·9	971·3	+0·8	69·6	60·4	54·9	13·8	57	−8	0·8	−0·9	4·8	0	0	29	3	10	9	6	1	0	0	0	2
	1730	,,	1011·8	967·4	..	81·3	61·9	44·2	10·2	28	..	1·0	..	6·3	0	0	31	1	15	12	3	0	0	0	0	0
hbubnagar . . .	0830	1,657	902·7	959·5	..	69·1	60·6	54·3	14·7	60	..	0·7	..	4·6	0	0	30	2	11	13	4	0	0	0	0	1
	1730	,,	900·4	955·9	..	79·1	61·7	48·9	11·8	34	..	0·5	..	6·3	0	0	31	1	9	18	3	0	0	0	0	0
erabad (Begumpet Aerodrome)	0230	1,787	899·8	953·0	..	56·0	53·5	51·5	13·0	85	..	0·1	..	1·5	0	0	16	8	1	3	0	0	0	0	4	15
	0530	,,	899·8	953·3	..	53·7	52·0	50·4	12·5	89	..	0·1	..	2·4	0	0	20	11	5	1	0	0	0	0	3	11
	0830	,,	903·1	955·5	+0·9	64·5	58·5	53·9	14·3	70	+4	1·0	−1·1	2·1	0	0	13	1	3	3	4	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 %.	Departure from normal.	Cloud amount (Oktas).		Mean wind speed, miles per hour.	Wind speed (m.p.h.).			No. of observations.								
			At mean sea or nearest s. 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, South—*contd.*																										
Hyderabad (Begumpet Aerodrome)—*contd.*	1130	1,787	903·8	954·9	..	77·2	62·1	50·5	12·9	41	..	0·9	..	7·1	0	0	31	1	12	13	5	0	0	0	0	0
	1730	,,	901·3	952·3	..	77·3	61·4	49·3	12·2	38	..	0·6	..	5·4	0	0	31	4	12	11	4	0	0	0	0	0
	2330	,,	901·3	954·2	..	59·3	55·6	52·9	13·6	79	..	0·2	..	1·9	0	0	19	8	6	3	0	0	0	0	2	12
Hakimpet	0530	2,012	901·2	945·4	..	60·9	54·7	49·3	12·1	67	..	0·3	..	3·2	0	0	21	0	12	6	3	0	0	0	0	10
	0830	,,	903·8	947·5	..	68·3	59·0	51·7	13·3	57	..	1·0	..	5·9	0	0	30	1	10	7	10	1	0	0	1	1
	1130	,,	904·2	947·1	..	76·3	60·7	48·5	11·8	38	..	1·0	..	11·0	0	15	16	2	11	9	7	2	0	0	0	0
	1730	,,	901·6	944·5	..	76·1	60·3	47·8	11·5	37	..	0·9	..	6·0	0	1	30	2	13	12	4	0	0	0	0	0
Hanamkonda	0830	881	1017·7	986·7	+0·6	67·7	61·7	57·6	16·1	69	−1	0·4	−1·8	2·3	0	0	19	8	2	0	1	6	1	1	0	12
	1730	,,	1013·3	983·1	..	79·6	63·6	50·9	12·9	37	..	0·3	..	2·2	0	0	31	7	19	1	3	1	0	0	0	0
Bhadrachallam	0830	364	1017·9	1004·9	..	64·6	60·6	57·7	16·3	78	..	0·6	..	1·7	0	0	21	2	13	6	0	0	0	0	0	10
	1730	,,	1013·4	1000·8	..	79·3	65·3	55·1	15·0	44	..	0·5	..	3·9	0	0	31	1	19	10	1	0	0	0	0	0
Khammameth	0830	367	1017·5	1004·4	..	65·7	61·9	58·9	17·2	79	..	0·8	..	0·5	0	0	7	6	1	0	0	0	0	0	0	24
	1730	,,	1013·1	1000·4	..	81·6	65·6	54·2	14·3	39	..	0·8	..	1·4	0	0	17	4	3	8	2	0	0	0	0	14
Coastal Andhradesa																										
Nellore	0530	65	1014·0	1011·6	..	67·9	66·6	65·9	21·0	94	..	1·6	..	2·4	0	0	22	1	2	0	0	0	0	1	18	9
	0830	,,	1016·3	1013·9	+0·7	72·8	69·8	67·9	23·5	85	+1	2·2	−1·8	3·2	0	0	30	4	2	0	0	0	0	24	1
	1130	,,	1015·4	1013·1	..	81·9	72·1	66·9	22·5	61	..	3·6	..	4·3	0	0	31	13	10	2	0	0	0	0	6	0
	1730	,,	1013·0	1010·8	..	78·4	70·5	66·1	22·3	66	..	1·6	..	4·1	0	0	31	8	21	2	0	0	0	0	0	0
	2330	,,	1014·8	1012·4	..	70·3	68·4	67·1	22·8	91	..	1·2	..	0·6	0	0	8	1	6	1	0	0	0	0	0	23
Ongole	0830	38	1016·7	1015·4	..	72·9	66·9	63·2	19·8	72	..	0·7	..	3·0	0	0	19	10	9	0	0	0	0	0	0	12
	1730	,,	1012·8	1011·5	..	79·7	68·9	62·1	19·3	57	..	0·8	..	5·2	0	0	31	0	3	16	12	0	0	0	0	0
Gannavaram	0530	88	1014·8	1011·7	..	64·7	62·4	60·6	18·0	87	..	0·5	..	3·0	0	0	27	13	12	1	0	0	0	0	1	4
	0830	,,	1017·2	1014·1	..	74·6	67·0	62·0	19·2	65	..	0·7	.	5·5	0	0	30	8	19	2	0	0	0	0	1	1
	1130	,,	1016·0	1013·0	..	82·5	68·4	59·2	17·4	45	..	1·7	..	7·2	0	1	30	3	11	15	2	0	0	0	0	0
	1730	,,	1013·1	1010·0	..	80·5	67·1	58·0	16·6	47	..	1·2	..	5·2	0	0	31	2	4	17	8	0	0	0	0	0
	2330	,,	1015·3	1012·2	..	68·9	64·9	62·0	19·2	80	..	0·5	..	2·7	0	0	22	5	12	5	0	0	0	0	0	9
Masulipatam	0230	10	1013·0	1013·6	..	69·1	66·5	65·0	21·1	87	..	0·5	..	4·1	0	0	28	15	7	2	1	0	0	1	2	3
	0530	,,	1014·6	1014·3	..	66·7	65·1	64·0	20·5	91	..	0·9	..	3·7	0	0	23	16	6	0	0	0	0	0	1	8
	0830	,,	1016·6	1016·3	+0·3	72·4	67·7	64·8	21·0	77	−1	0·7	−1·3	5·3	0	0	31	17	13	1	0	0	0	0	0	0
	1130	,,	1015·7	1015·4	..	80·5	70·0	63·6	20·3	57	..	2·0	..	7·8	0	1	29	1	7	18	3	0	0	0	1	1
	1730	,,	1013·0	1012·7	..	78·1	70·2	65·4	21·6	66	..	1·2	..	4·6	0	0	31	0	0	9	18	4	0	0	0	0
	2330	,,	1015·1	1014·7	..	71·9	68·4	66·3	22·1	83	..	0·5	..	2·9	0	0	17	6	3	6	1	0	0	0	1	14
Kakinada	0830	26	1017·0	1016·1	+0·6	74·7	69·2	65·5	21·9	75	+3	0·5	−2·1	..	..	..	..	..	..	..	..	..	..	..	..	..
	1730	,,	1013·5	1012·6	..	78·6	69·6	64·5	20·6	62	..	0·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Visakhapatnam	0230	11	1014·2	1013·8	..	66·6	64·1	62·5	19·3	87	..	0·7	..	0·2	0	0	2	0	0	0	0	0	0	1	1	29
	0530	,,	1014·6	1014·2	..	65·1	63·0	61·5	18·7	88	..	1·0	..	0·5	0	0	3	0	0	0	0	0	0	1	2	2
	0830	,,	1016·9	1016·5	+0·4	74·7	67·1	62·3	19·2	66	−1	1·2	−1·5	4·2	0	0	21	4	3	1	1	0	1	2	9	10
	1130	,,	1015·7	1015·3	..	82·0	69·2	61·3	18·6	50	..	1·7	..	5·1	0	1	24	3	9	6	3	1	0	0	0	9
	1730	,,	1013·3	1012·9	..	77·2	68·2	62·5	19·5	61	..	1·0	..	8·6	0	5	24	0	1	13	15	0	0	0	0	2
	2330	,,	1015·3	1014·9	..	68·8	65·5	63·6	20·0	83	..	0·9	..	0·6	0	0	5	1	1	0	0	0	0	0	3	26
Calingapatam	0830	19	1016·7	1016·0	−0·2	65·1	62·1	60·0	17·7	83	+5	1·7	−0·2	3·9	0	0	31	16	0	0	0	0	0	0	15	0
	1730	,,	1013·3	1012·6	..	78·1	68·4	62·0	19·3	58	..	0·9	..	6·4	0	0	31	0	0	15	15	0	0	1	0	0
Rentachintala	0830	348	1017·2	1004·8	..	65·5	60·4	56·2	15·7	73	+2	1·2	−2·0	0·1	0	0	1	0	0	1	0	0	0	0	0	30
	1730	,,	1012·5	1000·6	..	84·2	66·8	54·4	14·6	36	..	0·8	..	1·3	0	0	18	7	2	7	0	1	1	0	0	13
Rayalaseema																										
Arogyavaram	0830	2,299	904·4	937·9	..	66.0	62·1	59·7	17·5	81	..	1·9	..	1·2	0	0	13	4	2	3	2	1	1	0	0	18
	1730	,,	901·8	934·7	..	73·7	63·2	56·3	15·5	55	..	2·0	..	1·7	0	0	25	0	21	4	0	0	0	0	0	6
Cuddapah	0830	428	1016·9	1001·9	+1·1	75·8	65·9	59·1	17·3	57	−19	1·0	−1·9	..	0	0	2	0	0	2	0	0	0	0	0	29
	1730	,,	1012·3	997·6	..	82·4	70·3	62·8	19·8	52	..	1·0	..	..	0	0	4	0	0	4	0	0	0	0	0	27
Bellary	0830	1,473	1016·4	965·2	+0·5	67·1	60·3	54·7	14·8	66	−1	0·3	−2·3	0·6	0	0	7	1	0	0	5	0	1	0	0	24
	1730	,,	1010·9	961·3	..	82·5	64·4	50·5	12·5	34	..	0·6	..	2·2	0	0	26	0	4	4	17	0	1	0	0	5
Kurnool	0830	923	1017·2	984·6	+0·8	64·6	60·1	56·4	15·7	75	+4	0·6	−1·2	0·3	0	0	2	0	0	2	0	0	0	0	0	29
	1730	,,	1011·8	980·5	..	83·1	65·7	52·7	14·4	36	..	0·8	..	2·8	0	0	11	0	4	6	1	0	0	0	0	20
Anantapur	0330	1,147	1014·3	973·9	..	62·7	59·2	56·6	15·6	80	..	0·3	..	1·1	0	0	7	0	3	4	0	0	0	0	0	24
	0830	,,	1016·2	976·3	..	69·6	63·1	58·2	17·0	68	..	0·8	..	1·8	0	0	11	0	5	6	0	0	0	0	0	20
	1130	,,	1015·0	975·8	..	78·0	65·2	56·0	15·4	47	..	1·4	..	5·0	0	0	29	0	12	17	0	0	0	0	0	2
	1730	,,	1011·0	972·1	..	81·6	65·7	53·7	14·4	39	..	1·1	..	5·4	0	0	28	0	11	17	0	0	0	0	0	5
	2330	,,	1014·3	974·5	..	71·2	62·7	57·1	15·6	61	..	0·2	..	4·4	0	1	19	0	4	16	0	0	0	0	0	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 of.	Departure from normal.	Cloud amount (Oktas).		Mean wind speed, miles per hour.	Wind speed (m.p.h.)			No. of observations.								
			At mean sea or nearest s. p. km. level.	At station level.	Departure from normal.	Dry bulb.	Wet bulb.	Dew point.				Mean amount.	Departure from normal.					Wind directions.								
															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
Chilmad Palayamcottai . . .	0830	167	1014·7	1008·8	..	77 0	70·9	67·6	23·1	73	..	3·8	..	6·3	0	0	30	16	8	0	0	0	0	0	6	1
	1730	,,	1010·6	1004·8	..	83·4	72·0	65·4	21·6	56	..	4·0	..	5·2	0	0	31	7	16	7	0	0	0	1	0	0
Pamban	0830	37	1014·2	1012·9	+0·8	77·8	74·7	73·5	28·0	86	+1	4·2	+0·4	9·9	0	5	26	22	9	0	0	0	0	0	0	0
	1730	,,	1011·3	1010·0	..	79·1	75·4	73·9	28·4	84	..	3·8	..	12·4	0	11	20	15	16	0	0	0	0	0	0	0
Madurai	0830	437	1014·7	999·5	+0·5	76·2	69·7	65·9	21·9	71	−6	3·1	−1·1	2·2	0	0	26	17	5	1	0	0	0	0	3	5
	1730	,,	1010·9	995·9	..	81·7	72·1	67·0	22·6	61	..	3·5	..	2·5	0	0	28	4	18	6	0	0	0	0	0	3
Nagapattinam . . .	0830	31	1014·9	1013·8	+1·0	75·3	71·6	69·5	24·8	83	+2	4·1	−0·9	6·1	0	3	28	6	5	0	0	0	0	20	0	0
	1730	,,	1011·9	1010·8	..	79·3	73·1	70·1	25·0	73	..	3·9	..	12·2	0	10	21	3	27	1	0	0	0	0	0	0
Tiruchirappalli . . .	0230	289	1012·7	1002·6	..	71·8	69·2	67·8	23·2	87	..	3·4	..	7·8	0	4	25	10	18	1	0	0	0	0	0	2
	0530	,,	1013·1	1002·9	..	70·7	68·4	67·2	22·7	88	..	3·6	..	5·8	0	0	26	5	18	1	0	0	0	0	2	5
	0830	,,	1015·1	1005·0	+0·4	75·0	69·9	66·8	22·7	76	−4	3·5	−0·3	9·0	0	2	29	10	19	0	1	0	0	0	1	0
	1130	,,	1014·3	1004·3	..	81·2	71·6	66·1	22·2	61	..	3·8	..	12·3	0	13	18	6	25	0	0	0	0	0	0	0
	1730	,,	1011·2	1001·2	..	81·8	72·7	67·6	23·4	63	..	4·4	..	8·4	0	1	30	3	21	7	0	0	0	0	0	0
	2330	,,	1014·1	1004·0	..	72·9	70·3	68·9	24·1	88	..	2·3	..	6·6	0	1	30	5	22	4	0	0	0	0	0	0
Coimbatore	0830	1,341	1015·7	969·5	+1·1	72·3	66·5	62·8	19·5	73	−6	3·8	0	5·9	0	0	31	2	15	12	2	0	0	0	0	0
	1730	,,	1010·7	965·5	..	82·6	67·6	57·2	16·3	43	..	3·6	..	6·6	0	0	31	1	15	12	3	0	0	0	0	0
Coimbatore (Peelamedu Aerodrome)	0530	1,307	1013·6	968·1	..	65·7	63·5	61·8	19·1	88	..	3·2	..	1·8	0	0	17	6	5	4	0	0	0	0	2	14
	0830	,,	1015.3	970·2	..	71·7	66·5	63·3	19·9	75	..	3·6	..	4·3	0	0	28	2	12	14	0	0	0	0	0	3
	1130	,,	1013·5	969·1	..	79·5	67·8	60·2	18·0	52	..	4·1	..	8·6	0	6	23	0	15	14	0	0	0	0	0	2
	1730	,,	1010·1	966·1	..	82·0	67·2	56·5	16·0	43	..	3·9	..	8·4	0	3	27	2	11	16	1	0	0	0	0	1
	2330	,,	1013·7	968·7	..	71·1	64·8	60·5	18·4	70	..	3·0	..	5·6	0	2	23	6	3	13	0	0	0	0	3	5
Salem . . . . **	0530	913	1013·4	981·5	..	68·1	64·5	62·2	18·0	82	..	0·2	..	1·9	0	0	22	0	21	0	0	0	0	1	0	9
	0830	,,	1015·4	983·7	+0·6	72·3	66·2	62·3	19·3	71	−4	2·0	−1·1	4·1	0	0	31	1	26	0	0	0	0	3	1	0
	1130	,,	1014·2	983·0	..	80·8	68·6	60·7	18·3	51	..	2·2	..	3·5	0	0	30	3	19	0	0	0	0	6	2	1
	1730	,,	1010·6	979·6	..	82·9	68·7	59·4	17·5	46	..	2·3	..	3·7	0	0	30	0	14	16	0	0	0	0	0	1
	2330	,,	1013·9	982·3	..	73·7	66·5	61·7	19·0	67	..	1·8	..	5·0	0	0	29	0	25	4	0	0	0	0	0	2
Kallakurichi	0830	416	1015·4	1000·9	..	74·0	68·0	64·3	20·7	72	..	2·6	..	..	*0	*0	23	19*	0	0	0	0	0	0	4	8
	1730	,,	1011·4	997·0	..	80·9	68·8	61·3	18·6	52	..	3·0	..	..	*0	*0	25	21*	4	0	0	0	0	0	0	6
Cuddalore	0530	39	1013·0	1011·6	..	70·8	68·3	66·9	22·5	87	..	2·6	..	2·2	0	0	12	4	8	0	0	0	0	0	0	19
	0830	,,	1015·5	1014·1	+0·9	74·7	70·4	68·0	23·4	80	−3	2·9	−1·3	4·1	0	1	28	9	17	0	0	0	0	3	2
	1130	,,	1014·6	1013·2	..	80·3	71·9	67·4	22·9	65	..	3·6	..	6·9	0	1	30	11	19	1	0	0	0	0	0	0
	1730	,,	1011·9	1010·6	..	78·9	71·5	67·6	23·0	69	..	3·6	..	5·2	0	0	31	7	23	1	0	0	0	0	0	0
	2330	,,	1014·4	1013·0	..	74·9	70·2	67·6	23·1	78	..	2·5	..	3·4	0	1	19	6	13	1	0	0	0	0	0	11
Vellore	0530	703	1014·2	989·3	..	65·1	63·9	62·8	19·7	93	..	3·0	..	1·6	0	0	14	2	2	1	0	0	0	3	6	17
	0830	,,	1016·2	991·5	+1·0	69·3	66·2	64·3	20·6	84	−1	3·8	+0·5	1·2	0	0	16	4	1	0	0	0	0	2	9	15
	1130	,,	1014·5	990·4	..	79·5	68·5	61·6	18·8	55	..	3·9	..	6·2	0	0	31	6	18	5	0	0	0	0	2	0
	1730	,,	1011·8	987·7	..	80·2	67·8	59·6	17·6	50	..	3·3	..	6·8	0	0	31	0	14	15	1	1	0	0	0	0
	2330	,,	1014·8	990·3	..	71·4	67·2	64·5	20·9	79	..	2·3	..	4·4	0	0	25	3	11	4	1	0	1	0	5	6
Madras	0230	51	1013·2	1011·4	..	71·0	69·3	68·6	23·7	92	..	2·2	..	3·7	0	0	23	6	3	0	0	0	0	1	13	8
	0530	,,	1013·7	1011·9	..	70·2	68·7	67·9	23·3	93	..	2·5	..	4·3	0	0	27	8	1	0	0	0	1	5	12	4
	0830	,,	1015·9	1014·1	+0·9	74·7	70·9	69.0	24·1	82	−2	2·9	−1·1	6·3	0	0	28	18	2	0	0	0	0	8	3	
	1130	,,	1015·0	1013·2	..	81·1	72·1	67·3	22·8	63	..	4·1	..	10·8	0	10	20	14	15	1	0	0	0	0	0	1
	1730	,,	1012·9	1011·1	..	78·5	70·9	66·8	22·5	68	..	2·9	..	8·8	0	4	27	11	19	1	0	0	0	0	0	0
	2330	,,	1014·6	1012·8	..	72·6	69·9	68·5	23·8	87	..	2·6	..	2·7	0	0	20	6	2	1	0	0	0	2	9	11
Madras (Nungambakkam) .	0830	21	1015·3	1014·6	..	76·1	71·0	68·1	23·7	77	..	2·5	..	4·3	0	0	31	11	9	0	0	0	0	0	11	0
Malabar & South Kanara																										
Mangalore . .	0230	72	1011·4	1008·9	..	73·7	70·1	68·2	23·5	82	..	1·0	..	4·8	0	0	28	0	3	23	1	1	0	0	0	3
	0530	,,	1011·8	1009·3	..	71·8	67·5	64·9	21·1	79	..	1·3	..	6·0	0	0	31	0	0	31	0	0	0	0	0	0
	0830	,,	1013·7	1011·2	+0·3	75·3	67·1	61·7	19·0	63	−4	1·6	−0·8	7·3	0	0	31	0	0	30	1	0	0	0	0	0
	1130	,,	1013·3	1010·8	..	86·1	69·8	59·4	17·5	41	..	1·3	..	7·4	0	0	31	0	1	27	1	0	0	1	1	0
	1730	,,	1010·2	1007·7	..	83·5	72·3	66·2	22·0	57	..	1·4	..	5·3	0	0	31	1	0	0	0	0	1	14	15	0
	2330	,,	1012·6	1010·1	..	76·4	71·5	68·6	24·1	77	..	0·9	..	1·9	0	0	18	0	3	14	1	0	0	0	0	13
Kozhikode	0530	27	1011·4	1010·5	..	72·9	69·4	67·5	23·0	83	..	1·4	..	2·8	0	0	30	0	2	28	0	0	0	0	0	1
	0830	,,	1013·2	1012·3	+0·2	76·4	70·3	66·9	22·6	72	−5	2·0	−0·7	3·1	0	0	31	0	10	21	0	0	0	0	0	0
	1130	,,	1013·1	1012·2	..	87·4	74·4	68·7	23·2	55	..	2·2	..	3·7	0	0	31	1	1	2	1	0	14	11	1	0
	1730	,,	1010·0	1009·1	..	86·2	75·7	70·7	25·6	60	..	2·3	..	5·2	0	0	31	0	0	0	0	0	6	20	5	0
	2330	,,	1012·5	1011·6	..	77·7	72·3	69·4	24·7	76	..	1·6	..	1·7	0	0	21	3	5	0	0	0	0	6	7	10
Palghat	0830	319	1014·2	1003·1	..	77·3	70·2	66·2	22·0	69	..	1·5	..	9·6	0	3	28	0	0	28	3	0	0	0	0	0
	1730	,,	1009·7	998·8	..	86·9	72·1	63·3	20·3	47	..	1·9	..	6·3	0	0	31	0	4	22	5	0	0	0	0	0

**Observations for 30 days.

*Frequencies of wind speed and directions estimated.

TABLE III—SUMMARY OF OBSERVATIONS AT FIXED HOURS—DECEMBER 1953.

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, miles per hour.	Wind speed (m.p.h.).			No. of observations.								
			At mean sea or nearest s. 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
Mysore																										
Chitaldrug	0830	2,405	904·2	933·7	+0·7	68·3	61·0	56·6	15·4	67	−1	0·7	−2·0	3·5	0	0	26	0	0	26	0	0	0	0	0	5
	1730	,,	901·5	930·3	..	78·7	61·8	49·2	12·0	36	..	0·7	..	1·5	0	0	19	1	0	18	0	0	0	0	0	12
Shimoga	0830	1,872	902·0	951·6	..	63·0	58·8	55·8	15·2	77	..	1·6	..	0·3	0	0	4	1	1	1	0	0	1	0	0	27
	1730	,,	899·8	947·3	..	81·1	65·3	55·1	14·9	41	..	1·8	..	2·4	0	0	31	8	14	5	2	1	1	0	0	0
Hassan *	0830	3,149	904·6	909·1	..	65·0	59·9	56·3	15·6	73	−2	2·6	−0·6	3·2	0	0	27	0	2	17	7	0	0	1	0	3
	1730	,,	901·7	906·1	..	76·8	61·6	50·2	12·5	40	..	2·5	..	3·3	0	0	31	1	7	21	2	0	0	0	0	0
Bangalore (Central Observatory)	0230	3,021	902·6	911·4	..	61·3	58·8	57·3	15·9	86	..	2·2	..	5·5	0	0	29	0	7	19	3	0	0	0	0	2
	0830	,,	905·0	913·6	+0·7	65·4	60·0	56·3	15·4	73	−5	2·5	−1·0	6·8	0	0	31	0	13	15	3	0	0	0	0	0
	1130	,,	904·5	913·1	..	74·5	61·1	51·1	12·9	45	..	2·3	..	7·9	0	1	29	0	13	16	1	0	0	0	0	1
	1730	,,	902·0	910·5	..	74·2	60·5	49·7	12·4	43	..	1·7	..	6·1	0	0	30	0	13	15	2	0	0	0	0	1
Bangalore (Aerodrome)	0530	2,942	903·1	914·5	..	60·2	58·4	57·2	16·0	90	..	2·4	..	3·9	0	0	26	0	8	16	2	0	0	0	0	5
	0830	,,	905·2	916·5	..	66·7	60·8	56·6	15·8	71	..	2·8	..	5·8	0	0	29	1	7	19	2	0	0	0	0	2
	1130	,,	904·8	915·8	..	76·3	62·5	52·2	13·7	45	..	2·1	..	7·5	0	0	30	0	8	18	4	0	0	0	0	1
	1730	,,	902·3	913·3	..	76·9	62·5	52·1	13·5	43	..	2·1	..	6·0	0	0	30	0	7	21	2	0	0	0	0	1
	2330	,,	904·1	915·4	..	64·1	59·7	56·5	15·6	77	..	1·1	..	5·0	0	0	28	0	2	22	4	0	0	0	0	3
Mysore	0830	2,518	903·9	929·6	+0·4	58·8	51·9	58·5	17·0	77	+3	(a) 2·3	−1·1	7·5	0	1	29	1	15	14	0	0	0	0	0	1
	1730	,,	901·5	926·4	..	78·7	63·4	51·9	13·7	40	..	2·5	..	8·5	0	5	26	2	5	22	0	0	0	0	2	0
Balehonnur	0830	..	..	..	..	63·5	59·5	56·7	15·7	79	+3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Travancore-Cochin																										
Fort Cochin	0830	10	1013·3	1013·0	+0·3	79·2	71·6	67·2	23·1	67	−6	5·4	+2·8	3·4	0	0	30	3	12	10	1	1	2	0	1	1
	1730	,,	1009·5	1009·2	..	83·2	73·9	69·0	24·4	63	..	4·2	..	6·0	0	1	29	1	0	0	0	0	8	17	4	1
Cochin (Willingdon Island Aerodrome)	0230	6	1010·8	1010·6	..	75·4	72·6	71·0	26·1	87	..	2·7	..	2·1	0	0	21	2	10	7	1	1	0	0	0	10
	0530	,,	1011·3	1011·1	..	72·7	69·9	68·4	23·7	87	..	2·6	..	2·3	0	0	22	4	11	7	0	0	0	0	0	9
	0830	,,	1013·3	1013·1	..	77·8	71·0	67·3	22·8	70	..	2·5	..	3·9	0	0	30	2	15	13	0	0	0	0	0	1
	1130	,,	1012·5	1012·3	..	85·4	73·0	66·8	22·1	54	..	2·1	..	3·9	0	0	31	4	7	8	3	0	2	4	3	0
	1730	,,	1009·6	1009·4	..	84·3	75·0	70·5	25·5	64	..	2·5	..	5·4	0	0	31	0	1	0	0	0	3	25	2	0
	2330	,,	1012·2	1012·0	..	77·7	74·4	72·7	27·6	85	..	2·1	..	2·1	0	0	23	1	9	6	2	2	2	0	1	8
Alleppey	0830	12	1013·0	1012·6	..	81·1	74·4	71·3	26·0	72	..	3·8	..	9·8	0	0	31	0	9	14	6	0	1	1	0	0
	1730	,,	1009·6	1009·2	..	84·4	77·0	73·4	28·3	70	..	3·7	..	14·6	0	23	8	0	0	0	0	0	0	17	14	0
Trivandrum	0230	211	1010·7	1008·4	..	74·6	71·9	70·5	25·6	87	..	2·2	..	3·2	0	0	30	9	15	3	1	0	0	2	0	1
	0530	,,	1010·9	1008·6	..	73·5	70·6	69·1	24·4	86	..	1·8	..	2·8	0	0	29	7	17	0	2	1	0	1	1	2
	0830	,,	1012·9	1005·6	+0·3	78·0	72·5	69·5	24·8	75	−5	3·3	−0·3	3·7	0	0	29	1	21	1	5	0	0	0	1	2
	1130	,,	1012·1	1004·9	..	85·8	74·3	68·0	23·7	57	..	3·4	..	5·0	0	0	31	2	5	0	2	0	15	0	7	0
	1730	,,	1009·9	1002·7	..	83·8	75·2	70·9	26·0	66	..	3·1	..	3·8	0	0	31	0	0	0	0	7	11	9	4	0
	2330	,,	1012·2	1004·9	..	77·3	73·5	71·6	26·5	83	..	2·0	..	2·0	0	0	27	11	9	2	1	0	0	0	4	4
Hill Stations excluding Kashmir																										
Kohima	0830	4,614	..	..	..	58·6	55·1	51·5	13·4	80	..	3·2	..	2·0	0	0	28	0	0	2	11	12	2	0	1	3
	1730	,,	905·4	863·1	..	54·7	53·3	52·7	13·2	91	..	4·3	..	1·7	0	0	25	0	0	0	0	5	2	14	4	6
Aijal *	0830	3,599	904·6	894·6	..	61·7	56·6	52·5	13·7	72	..	1·4	..	3·2	0	0	27	0	2	25	0	0	0	0	0	4
	1730	,,	902·2	892·2	..	60·5	56·6	54·7	14·0	79	..	0·8	..	3·5	0	0	29	2	0	0	0	1	8	6	12	2
Shillong	0830	4,921	905·7	854·1	+1·1	56·4	50·1	43·6	9·7	64	−5	1·5	+0·1	0·7	0	0	9	0	0	2	5	1	1	0	0	22
	1730	,,	903·4	851·7	..	54·1	51·1	48·1	11·6	81	..	5·4	..	0·2	0	0	3	0	0	0	2	0	1	0	0	28
Cherrapunji	0830	4,309	904·9	872·5	+0·5	59·6	51·9	44·7	10·3	59	−1	3·1	+1·3	3·2	0	0	31	3	17	6	1	0	2	1	1	0
	1730	,,	902·5	869·9	..	55·9	52·2	48·8	12·1	78	..	4·2	..	2·6	0	0	30	7	10	2	0	0	0	6	5	1
Darjeeling (Raj Bhawan)	0830	6,980	806·9	794·9	+4·2	46·2	42·4	38·3	7·8	74	+8	3·5	+0·9	0·8	0	0	13	2	2	0	3	1	1	2	2	18
	1730	,,	804·7	792·7	..	46·8	44·0	41·2	8·6	81	..	6·4	..	0·5	0	0	8	0	1	0	1	0	6	0	0	23
Kalimpong	0830	3,965	902·6	880·9	−2·9	57·2	54·0	51·4	13·1	81	+8	1·0	−1·2	2·1	0	0	26	0	0	0	0	0	0	0	26	5
	1730	,,	898·9	877·4	..	58·2	54·3	51·0	12·7	77	..	2·0	..	2·7	0	0	30	0	0	0	29	0	0	0	1	1
Katmandu	0830	4,388	908·7	872·7	..	46·1	44·4	42·5	9·4	88	+2	3·8	−2·3	0	0	0	0	0	0	0	0	0	0	0	0	31
	1730	,,	904·8	869·6	..	56·3	50·5	44·7	10·0	65	..	2·6	..	0·4	0	0	5	1	0	0	2	1	0	0	1	26
Mukteswar (Kumaon)	0830	7,592	804·9	775·2	+1·3	45·1	37·7	27·2	5·0	51	+12	1·8	−0·4	6·6	0	2	28	0	3	4	1	1	5	10	6	1
	1730	,,	803·4	773·8	..	46·1	40·6	34·0	6·6	65	..	2·3	0	7·8	0	4	26	0	2	2	1	0	2	16	7	1
Nainital	0830	6,409	802·2	807·0	..	46·3	40·6	33·2	5·9	64	..	1·5	..	1·9	0	0	17	0	5	6	2	0	0	3	1	14
	1730	,,	800·9	805·6	..	46·6	43·8	40·9	8·7	78	..	3·7	..	3·2	0	0	28	2	2	5	1	0	1	16	1	3
Lokpal	0830	,,	..	..	..	12·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Mussoorie	0830	6,699	802·6	798·9	−0·3	48·2	41·4	33·4	6·6	59	+14	2·4	−0·3	2·6	0	0	22	6	4	1	4	4	1	1	1	9
	1730	,,	801·4	787·8	..	46·9	43·6	41·0	8·5	79	..	3·9	..	2·5	0	0	27	2	1	2	8	10	4	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.			Mean temperature in °F.			Vapour pressure in mbs.	Relative humidity %.	Departure from normal.	Cloud amount (Oktas).		Mean wind speed, miles per hour.	Wind speed (m.p.h.).			No. of observations. Wind direction.								
			At mean sea or nearest R. G. 'm. 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
ll Stations excluding Kash-dir—*contd.*																										
imla	0830	7,224	803·4	784·4	+1·2	49·1	37·4	17·3	3·4	33	−1	2·2	−0·6	1·1	0	0	16	5	6	2	1	1	1	0	0	15
	1730	,,	802·2	783·1	..	47·9	39·2	27·1	5·7	47	..	3·1	..	1·4	0	0	21	5	4	3	2	3	2	0	2	10
alhousie	0830	6,426	797·8	801·9	..	30·9	42·5	31·9	6·2	53	..	2·4	..	1·9	0	0	16	2	6	2	3	1	0	0	2	15
	1730	,,	795·9	800·2	..	48·5	43·2	36·8	7·7	66	..	2·4	..	1·0	0	0	13	0	4	1	3	1	1	2	1	18
haramshala	0830	3,975	910·6	887·6	..	55·3	46·8	38·6	7·4	54	..	2·0	..	1·3	0	0	8	4	2	0	1	0	0	0	1	23
	1730	,,	908·6	886·4	..	57·2	50·1	44·2	9·5	62	..	2·5	..	1·7	0	0	15	0	2	0	1	0	1	7	4	16
achmarhi	0830	3,528	906·9	899·1	+0·7	55·0	49·2	43·1	9·6	66	+4	0·3	−1·4	1·9	0	0	17	2	10	1	0	3	0	0	1	14
	1730	,,	904·5	896·8	..	69·6	55·9	43·2	9·8	40	..	1·1	..	0·9	0	0	13	4	5	1	0	1	0	0	2	18
bu	0830	3,921	906·6	886·3	+1·5	62·7	49·4	33·5	6·7	35	−9	1·0	−0·4	1·5	0	0	12	5	2	1	0	0	2	2	0	19
	1730	,,	904·5	884·5	..	67·2	51·6	34·5	6·8	31	..	0·7	..	2·3	0	0	23	8	7	1	0	1	2	1	3	8
Mahabaleshwar	0830	4,534	905·5	866·1	+0·7	60·2	51·1	41·8	9·1	51	−4	0·1	−1·3	4·9	0	0	27	0	5	21	1	0	0	0	0	4
	1730	,,	903·2	864·6	..	67·7	56·1	46·2	10·7	46	..	0·4	..	1·4	0	0	11	0	2	7	0	0	0	0	2	20
andi Hills	0830	..	..	..	..	60·3	56·5	53·6	14·1	81	..	2·6	..	10·0	0	0	31	12	0	0	0	0	0	3	16	0
Mercara	0830	3,781	904·1	888·4	+0·9	62·1	57·9	54·7	14·7	77	−6	2·1	−2·1	5·0	0	0	30	0	15	15	0	0	0	0	0	1
	1730	,,	902·1	886·7	..	72·3	60·4	50·5	13·1	48	..	1·9	..	3·6	0	0	31	0	12	16	0	0	0	1	2	0
odaikanal	0830	7,688	804·6	773·0	+1·2	54·0	47·7	38·8	9·1	65	+1	2·8	−0·7	6·8	0	3	25	5	5	3	12	0	0	2	1	3
	1130	,,	804·1	772·9	..	59·5	51·5	43·2	10·1	61	..	3·6	..	5·9	0	3	23	2	7	4	10	0	0	0	3	5
	1730	,,	802·8	771·3	..	55·1	51·2	48·2	11·4	80	..	4·0	..	3·0	0	1	17	2	4	3	5	1	0	0	3	13
otacamund	0830	7,378	804·4	781·4	+0·9	55·1	47·3	37·9	8·2	58	−6	2·0	−1·0	0·3	0	0	4	0	0	3	0	0	0	1	0	27
	1730	,,	802·6	779·8	..	58·2	53·5	49·9	12·3	75	..	3·6	..	1·1	0	0	14	1	1	8	1	0	2	1	0	17
onoor	0830	..	..	..	..	61·4	54·4	48·5	11·9	65	−7	2·3	−1·9	4·1	0	0	31	3	6	2	12	8	0	0	0	0
dim chen (R)	0830	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
et tung (Chumbi)	0830	..	..	..	..	36·5	35·4	33·7	6·7	89	+6	0·6	−0·9	..	..	..	..	..	..	..	..	..	..	..	..	..
asa	0830	12090	627·9	654·6	..	33·6	32·6	30·4	5·9	91	..	0·5	..	1·0	0	0	12	0	1	9	2	0	0	0	0	19
antse	0830	13,110	625·6	626·3	..	26·9	22·6	15·8	2·7	58	0	0·4	−0·6	0·2	0	0	3	0	0	2	1	0	0	0	0	28
om lombo	0830	24	1012·9	1012·1	+0·4	76·8	71·0	68·9	23·3	74	−12	3·7	−0·7	7·2	0	5	25	10	18	2	0	0	0	0	0	1
	1730	,,	1009·7	1008·9	..	81·1	74·3	70·3	25·9	71	..	4·6	..	8·4	0	4	27	10	8	0	1	1	3	1	7	0
incomalee	0830	24	1013·6	1012·8	+1·5	78·8	75·0	73·1	28·0	83	−2	6·0	+1·2	11·5	0	16	13	16	10	0	0	0	1	1	1	2
	1730	,,	1010·8	1010·0	..	79·3	75·1	72·9	27·7	81	..	5·8	..	15·5	0	24	7	25	5	1	0	0	0	0	0	0
tticoloa	0830	20	1013·3	1013·0	..	76·1	74·1	73·3	27·9	91	..	5·0	..	6·1	0	2	27	2	3	2	1	0	1	10	10	2
	1730	,,	1010·5	1010·2	..	78·9	75·1	73·1	28·1	83	..	5·3	..	9·8	0	8	23	5	19	5	1	0	0	0	1	0
mbantota	0830	50	1012·6	1010·9	+1·1	78·2	74·5	72·4	27·5	83	−4	4·2	+0·5	12·7	0	17	14	3	25	2	0	0	0	1	0	0
	1730	,,	1009·7	1008·0	..	81·7	76·2	74·1	28·4	77	..	5·5	..	17·5	0	29	2	0	13	16	2	0	0	0	0	0
nnar	0830	12	1014·0	1013·6	..	78·3	74·1	71·6	26·9	81	..	4·3	..	7·4	0	2	29	10	18	2	1	0	0	0	0	0
	1730	,,	1011·0	1010·5	..	80·1	74·3	70·9	26·5	75	..	5·3	..	10·5	0	7	24	14	16	1	0	0	0	0	0	0
ROMETEOROLOGICAL BSERVATORIES																										
nodar Catchment taro	0530	784	1016·7	988·2	..	51·2	50·4	49·6	12·1	94	..	0·3	..	1·3	0	0	19	2	0	0	0	0	0	0	17	12
	0830	,,	1018·4	990·2	..	58·6	55·3	52·3	13·5	79	..	0·3	..	0·6	0	0	10	0	0	0	0	0	4	1	5	21
	1130	,,	1016·0	988·8	..	75·8	62·5	52·2	13·3	43	..	1·9	..	1·9	0	0	24	1	5	2	5	1	5	2	3	7
	1730	,,	1014·0	986·6	..	71·9	61·3	53·1	13·8	51	..	1·0	..	0·5	0	0	8	2	2	2	0	0	0	0	2	23
	2330	,,	1016·7	988·6	..	58·0	55·6	53·4	14·0	86	..	0·1	..	2·2	0	0	22	7	0	0	0	0	0	0	15	9
aribagh	0530	2,019	900·7	945·3	..	52·1	50·5	48·9	11·9	89	..	0·2	..	0·3	0	0	2	0	0	0	0	0	1	1	0	29
	0830	,,	903·6	947·3	..	64·2	57·4	52·1	13·4	65	..	0·1	..	1·9	0	0	24	3	0	6	7	2	2	2	2	7
	1130	,,	903·3	946·4	..	71·2	58·3	47·9	11·4	44	..	1·4	..	3·2	0	0	28	7	1	5	2	2	2	4	5	3
	1730	,,	901·2	944·7	..	65·4	57·3	50·9	12·8	59	..	1·3	..	1·6	0	0	17	7	0	1	1	0	0	1	7	14
	2330	,,	901·5	946·0	..	54·8	52·0	49·3	12·1	83	..	0	..	0·3	0	0	4	1	0	3	0	0	0	0	0	27
hi	0830	..	..	..	..	66·2	58·6	52·5	13·4	61	..	..	..	2·2	0	0	30	1	1	2	3	2	14	6	1	1
	1730	..	..	..	..	68·5	59·8	52·6	13·6	57	..	..	..	1·2	0	0	16	3	3	0	0	0	0	2	8	15
ngarh	0830	..	..	..	..	60·5	55·9	51·9	13·2	73	..	..	..	2·5	0	0	31	0	0	0	0	0	14	11	6	0
	1730	..	..	..	..	67·3	60·1	54·3	14·5	64	..	..	..	0·2	0	0	2	0	0	0	0	0	0	1	1	29
nbad	0530	839	1015·7	985·7	..	59·4	56·3	53·6	14·1	82	..	0·2	..	2·0	0	0	30	9	5	2	0	2	0	4	8	1
	0830	,,	1017·4	987·9	..	68·3	60·5	54·3	14·5	61	..	0·4	..	2·5	0	0	31	7	9	1	1	0	1	9	3	0
	1130	,,	1015·7	986·7	..	77·3	63·1	51·9	13·4	41	..	1·6	..	4·1	0	0	31	5	5	7	1	1	4	4	4	0
	1730	,,	1013·8	984·6	..	73·0	61·9	53·1	13·9	50	..	0·8	..	1·9	0	0	27	12	3	0	1	2	1	0	8	4
	2330	,,	1015·7	986·0	..	65·1	58·9	53·8	14·3	67	..	0·1	..	3·3	0	0	28	8	1	1	1	2	0	1	14	3

(R) Register not received.

TABLE III—SUMMARY OF OBSERVATIONS AT FIXED HOURS—DECEMBER 1953.

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, miles per hour.	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.*																										
Mahanadi Catchment																										
Baramul	0830	210	1017·9	1014·3	..	62·3	58·7	56·1	15·3	79	..	..	..	1·1	..	..	23	3	1	12	4	1	2	0	0	8
	1730	..	1010·4	1006·8	..	68·7	64·6	62·1	19·0	79	..	..	..	0	..	..	31	0	0	0	0	0	0	0	0	31
Hirakud	0830	522	1018·2	999·7	..	65·9	59·6	54·7	14·6	67	..	5·2	..	1·4	..	..	18	6	3	1	1	1	1	2	3	13
	1730	..	1013·9	995·8	..	75·4	63·4	54·4	14·6	48	..	7·7	..	1·0	..	..	13	0	1	2	2	2	0	1	5	18
Barkachhar	0830	..	..	..	..	64·3	57·7	51·9	13·3	65	..	0·2	..	2·5	..	..	27	2	0	0	0	2	12	7	4	4
	1730	..	..	..	..	71·4	60·6	51·6	13·2	50	..	0·4	..	0·6	..	..	10	5	1	1	0	1	0	1	1	2
Sonepur	0830	..	..	..	..	64·3	60·5	57·8	16·4	79	..	..	..	1·0	..	..	15	0	2	0	1	2	7	1	2	10
Ginabahar	0830	..	..	..	..	59·2	54·9	51·2	12·8	74	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Ganga Catchment																										
Tapoban	0830	..	..	..	..	44·8	38·3	29·8	5·5	55	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.
Badrinath	0830					Closed during winter months																				
Narbada Catchment																										
Punasa	0830	..	..	..	..	63·5	52·5	40·3	8·6	43	..	0·5	..	1·5	..	..	19	3	8	6	0	1	0	0	1	1
	1730	..	..	..	..	82·5	61·4	41·7	9·1	24	..	0·8	..	2·2	..	..	27	2	7	7	2	1	3	4	1	

ADDENDA TO MONTHLY WEATHER REPORTS, 1953

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

vision 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
rometeorological bservatories Catchment																												
January																												
hmandu . .	61·8	...	73	8	35·0	...	28	26	0·39	0·76	...	0·35	17	3	...	1·5	0·8	...	4	0	0	1	18	0	5	0	0	0
utara . .	...	...	...	...	...	...	...	...	...	1·06	...	0·64	3	3	...	...	...	...	4	...	...	...	...	...	...	...	...	...
aldhunga . .	57·1	...	75	2,3	40·9	...	31	24	0·62	1·51	...	0·66	2	4	...	4·6	2·6	...	6	...	...	...	...	...	...	...	...	...
hkshetra . .	73·1	...	78	2	50·6	...	45	25,26	0·45	0·81	...	0·25	17	3	...	1·7	2·4	...	5	0	0	3	0	0	0	0	0	0
inpur . .	64·0	...	69	8,9,10	46·4	...	40	26	...	0·95	...	0·75	24	2	...	...	...	...	3	...	...	...	...	...	...	...	...	...
bung . .	61·0	...	67	16	43·4	...	35	26	...	0·53	...	0·24	18	2	...	...	...	...	4	...	...	...	...	...	...	...	...	...
lejung . .	54·7	...	62	8	39·3	...	33	24,25	0·32	0·80	...	0·31	16	3	...	4·2	2·7	...	4	0	0	0	0	0	5	0	0	0
kethok . .	66·3	...	72	8	43·6	...	37	24	...	0·85	...	0·35	16	3	...	...	...	...	5	...	...	...	...	...	...	...	...	...
langchang Gola .	45·7	...	50	20	22·4	...	20	5,15,22	...	0	...	0	...	0	...	...	...	...	0	...	...	...	...	...	...	...	...	...
February																												
hmandu . .	70·0	...	79	26	39·7	...	31	2,3	0	0	...	0	...	0	...	1·8	1·1	...	0	0	0	1	12	0	3	0	0	0
utara . .	...	...	...	...	...	...	...	...	...	0·04	...	0·02	5,6	0	...	...	...	...	2	...	...	...	...	...	...	...	...	...
aldhunga . .	64·4	...	72	27,28	44·7	...	37	5	0·30	0·48	...	0·42	6	1	...	1·7	1·3	...	3	...	...	...	...	...	...	...	...	...
hkshetra . .	81·0	...	87	28	55·7	...	48	2	...	0·02	...	0·02	6	0	...	5·3	3·1	...	1	...	...	...	...	...	...	...	...	...
inpur . .	71·3	...	79	23	51·9	...	41	7	...	0·30	...	0·15	6	1	...	...	...	...	2	...	...	...	...	...	...	...	...	...
bung . .	69·6	...	76	27	51·5	...	39	6	...	0·19	...	0·14	6	1	...	...	...	...	3	...	...	...	...	...	...	...	...	...
ejung . .	60·5	...	69	26,27	45·0	...	34	3	0·15	0·73	...	0·44	6	2	...	5·0	3·1	...	4	...	...	...	...	...	...	...	...	...
kethok . .	72·0	...	77	27,28	48·4	...	41	3,4	...	0·17	...	0·06	7	0	...	...	...	...	4	...	...	...	...	...	...	...	...	...
angchang Gola .	49·4	...	54	25,28	26·6	...	21	2,9	...	0	...	0	...	0	...	...	...	...	0	...	...	...	...	...	...	...	...	...
March																												
mandu . .	78·2	...	84	4 days	49·4	...	41	14	0·22	1·72	...	0·77	9	3	...	2·3	1·1	...	5	0	0	6	5	0	0	0	0	0
tara . . .	...	...	...	...	...	...	...	...	...	2·73	...	0·95	8	4	...	...	...	...	4	...	...	...	...	...	...	...	...	...
aldhunga . .	68·6	...	74	23,24,31	50·0	...	43	9	1·00	2·78	...	1·00	25	4	...	1·4	1·3	...	6	...	...	...	...	...	...	...	...	...
hkshetra . .	87·8	...	97	31	66·7	...	60	15	1·95	5·97	...	4·97	25	4	...	7·1	3·9	...	6	...	...	...	...	...	...	...	...	...
npur . . .	79·4	...	86	31	59·4	...	50	14	...	3·08	...	1·70	4	3	...	...	...	...	3	...	...	...	...	...	...	...	...	...
ung . . .	76·1	...	86	30	57·3	...	50	14	...	3·19	..	1·10	8	9	...	...	..	...	10	...	...	..	...	...	..	..	...	..
ejung	68·5	...	78	30	51·6	..	46	8,14	0·82	3·42	..	1·48	8	5	...	5·0	3·4	..	8	0	0	5	4	0	0	0	0	0
ethok	78·1	...	83	30,31	53·7	..	50	4 days	...	5·29	...	1·51	8	10	..	..	...	...	14	..	..	..	...	..	..	..	..	..
angchang Gola .	50·0	...	59	23	35·6	...	30	1	...	2·52	...	0·32	30	13	...	...	...	...	16	...	...	...	...	...	...	...	...	...
April																												
mandu .	83·9	...	87	15,17,18	51·2	...	44	1	0·45	0·66	...	0·43	30	2	...	2·2	1·1	...	7	0	0	7	6	0	0	0	0	0
tara . . .	...	...	...	...	...	...	...	...	...	1·18	...	0·42	27	4	...	...	...	...	6	...	...	...	...	...	...	...	...	...
ldhunga . .	75·0	...	79	20,23	55·7	...	48	29	1·71	2·21	...	0·82	26	5	...	2·7	2·0	...	6	...	...	...	...	...	...	...	...	...
apur . . .	83·8	...	89	9	62·1	...	55	20	...	2·40	...	1·35	10	3	...	...	...	...	4	...	...	...	...	...	...	...	...	...
ung . . .	81·7	...	86	1	59·7	...	54	12	...	6·17	...	1·70	30	8	...	...	...	...	8	...	...	...	...	...	...	...	...	...
ejung . .	72·3	...	77	1,16,18	54·6	...	67	30	1·53	4·16	...	1·01	7	7	...	5·2	3·6	...	11	0	0	6	1	0	0	0	0	0
ethok . .	83·9	...	90	4	61·6	...	59	4 days	...	4·01	...	1·05	25	8	...	...	...	...	9	...	...	...	...	...	...	...	...	...
angchang Gola .	55·3	...	59	7,8	39·4	...	32	15	...	3·36	...	1·21	7	13	...	...	...	...	13	...	...	...	...	...	...	...	...	...
May																												
mandu . .	85·6	...	93	27,31	59·8	...	57	2,19,20	0·81	1·92	...	0·74	11	5	...	3·5	1·7	...	10	0	0	10	1	0	0		0	0
tara . . .	...	...	...	...	...	...	...	...	...	4·37	...	1·13	28	8	...	...	...	...	9	...	...	...	...	...	...	...	...	...
ldhunga . .	75·3	...	79	23,26	55·9	...	42	7	2·42	5·92	...	1·30	26	14	...	1·4	0·4	...	17	...	...	...	...	...	...	...	...	...
ikshetra . .	94·1	...	100	17	75·5	...	69	14	0·53	2·06	...	0·52	11	7	...	9·6	4·8	...	10	0	0	15	0	0	0	0	0	0
apur . . .	83·1	...	89	23	62·9	...	56	27	...	11·83	..	2·25	4	8	...	...	...	...	8	...	...	...	...	...	...	...	...	...
ung . . .	83·5	...	87	4 Days	63·6	...	60	20,21	...	12·59	...	2·98	30	13	...	...	...	...	18	...	...	...	...	...	...	...	...	...
ejung . .	74·6	...	79	31	58·8	...	55	3,9,21	2·55	8·61	...	1·95	12	18	...	4·7	2·5	...	23	0	0	10	5	0	0	0	0	0
ethok . .	85·5	...	88	4 days	62·9	...	61	5	...	7·22	...	1·15	15	18	...	...	...	...	20	...	...	...	...	...	...	...	...	...
angchang Gola .	55·3	...	58	3	38·6	...	34	8	...	4·58	...	0·42	18,29	16	...	...	...	...	19	...	...	...	...	...	...	...	...	...
June																												
mandu . .	82·8	...	94	1	66·3	...	62	2,8	3·59	7·78	...	1·48	30	16	...	2·6	1·4	...	22	0	0	18	0	0	0	0	1	0
tara . . .	...	...	...	...	...	...	...	...	...	8·52	...	1·59	5	19	...	...	...	...	22	...	..	..	...	...	...	...	...	...
ldhunga . .	74·6	...	82	2	61·6	...	48	1	3·34	8·23	...	1·60	7	10	...	3·6	1·5	...	16	...	...	...	...	...	...	...	...	...
ikshetra . .	91·7	...	98	20	77 5	...	74	8,10	6,24	15·29	...	4·52	26	16	...	6·5	3·8	...	20	0	0	13	0	0	0	0	0	0
apur . . .	81·1	...	87	20	67·2	...	65	20	...	4·35	...	0·85	8	9	...	...	...	...	10	...	...	...	...	...	...	...	...	...
ung . . .	83·0	...	87	1,13	67·6	...	60	8	...	8·83	...	2·51	7	12	...	...	...	...	15	...	...	...	...	...	...	...	...	...
ejung . .	74·0	...	79	19	62·2	...	55	4	2·68	10·68	...	1·97	26	14	...	3·7	2·2	...	23	0	0	3	15	0	0	0	0	0
ethok . .	85·0	...	89	22	66·1	...	63	15	...	15·75	...	1·99	3	23	...	...	...	...	24	...	...	...	...	...	...	...	...	...
angchang Gola .	58·8	...	63	29	45·5	...	40	3	...	11·11	...	1·23	20	25	...	...	...	...	29	...	...	...	...	...	...	...	...	...

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	2
Hydrometeorological Observatories—*contd.*																												
Kosi Catchment—*contd.*																												
July—																												
Kathmandu	80·4	...	85	4 days	68·0	...	66	5,23	4·49	22·77	...	4·55	2	20	...	1·6	1·0	...	28	0	0	7	0	0	0	0	0	
Chautara	...	...	...	...	...	...	...	...	...	22·65	...	2·46	28	26	...	...	...	...	31	...	...	...	...	...	...	...	...	
Okhaldhunga	76·0	...	80	7,8	59·0	...	42	15	2·65	5·55	...	1·58	12	14	...	0·1	0	...	20	0	0	1	0	0	0	0	0	
Barahkshetra	87·2	...	93	1,9	76·8	...	75	27,28	13·34	24·08	...	3·65	27	26	...	3·8	1·8	...	28	0	0	5	0	0	0	0	0	
Chainpur	81·1	...	87	21	67·2	...	63	21	...	15·15	...	1·70	2	22	...	...	...	...	22	...	...	...	...	...	...	...	...	
Angbung	80·1	...	86	1,2	68·3	...	61	12	...	8·08	...	1·00	27	19	...	...	...	...	24	...	...	...	...	...	...	...	...	
Taplejung	73·8	...	79	1,2	63·3	...	62	5 days	2·74	14·66	...	1·75	30	28	...	4·2	2·1	...	29	0	1	1	23	0	0	0	0	
Tapkethok	86·2	...	91	23,25	66·7	...	65	6,10	...	27·14	...	3·08	12	27	...	...	...	...	29	...	...	...	...	...	...	...	...	
Wallangchang Gola	64·2	...	69	16,17	46·5	...	41	25	...	15·35	...	1·35	11	30	...	...	...	...	31	...	...	...	...	...	...	...	...	
August																												
Kathmandu	82·7	...	87	14	67·4	...	64	28	1·26	7·75	...	1·05	11	15	...	1·5	0·7	...	22	0	0	7	3	0	0	0	0	
Chautara	...	...	...	...	...	...	...	...	...	18·94	...	2·41	15	22	...	...	...	...	22	...	...	...	...	...	...	...	...	
Okhaldhunga	77·9	...	85	7	62·8	...	61	5 days	0·08	2·01	...	1·10	26	3	...	0·1	0	...	10	0	0	2	0	0	0	0	0	
Barahkshetra	89·8	...	96	13	76·7	...	72	27	12·60	19·87	...	3·80	9	18	...	3·1	2·2	...	25	0	0	10	0	0	0	0	0	
Chainpur	81·9	...	89	16,17	67·1	...	63	29	...	8·84	...	2·25	19	12	...	...	...	...	14	...	...	...	...	...	...	...	...	
Angbung	82·5	...	87	6 days	68·4	...	66	27,28	...	5·96	...	1·07	27	10	...	...	...	...	13	...	...	...	...	...	...	...	...	
Taplejung	76·5	...	81	18	63·9	...	61	2	0·76	12·42	...	2·90	8	14	...	3·3	1·5	...	24	0	0	2	13	0	0	0	0	
Tapkethck	82·0	...	88	1	69·0	...	65	4	...	16·85	...	2·00	27	23	...	...	...	...	27	...	...	...	...	...	...	...	...	
Wallangchang Gola	59·8	...	66	31	44·7	...	40	18	...	10·40	...	1·71	22	23	...	...	...	...	26	...	...	...	...	...	...	...	...	
September																												
Kathmandu	80·9	...	86	3,4,5	64·9	...	62	15,17,26	1·84	9·88	...	2·43	14	13	...	1·4	0·8	...	16	0	0	11	2	0	0	0	0	
Chautara	...	...	...	...	...	...	...	...	...	14·06	...	1·41	23	21	...	...	...	...	22	...	...	...	...	...	...	...	...	
Okhaldhunga	72·9	...	80	11	58·9	...	51	29,30	0·51	4·98	...	2·12	22	9	...	1·8	0·9	...	11	...	...	...	...	...	...	...	...	
Barahkshetra	88·6	...	94	5	74·9	...	72	18	5·90	10·36	...	2·43	7	17	...	3·6	1·9	...	23	0	0	7	0	0	0	0	0	
Chainpur	82·5	...	88	18	64·6	...	59	13,16	...	4·70	...	1·80	17	7	...	...	...	...	8	...	...	...	...	...	...	...	...	
Angbung	80·9	...	87	6	65·9	...	62	17	...	5·32	...	1·56	14	13	...	...	...	...	15	...	...	...	...	...	...	...	...	
Tapleiung	74·2	...	80	5	61·9	...	58	17,18,20	1·45	14·28	...	2·10	1	21	...	3·8	2·2	...	25	0	0	0	17	0	0	0	0	
Tapkethok	80·9	...	83	5 days	67·3	...	65	6 days	...	13·46	...	1·65	14	20	...	...	...	...	20	...	...	...	...	...	...	...	...	
Wellangchang Gola	61·4	...	67	1	45·8	...	42	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
October																												
Kathmandu	77·7	...	82	6	53·8	...	48	5 days	0·17	0·17	...	0·17	1	1	...	1·3	0·5	...	1	0	0	1	26	0	0	0	0	
Chautara*																												
Okhaldhunga	73·0	...	77	13	51·3	...	45	28,30	0·59	1·75	...	0·30	8	9	...	0·1	0	...	13	...	...	...	...	...	...	...	...	
Barahkshetra	86·2	...	89	6,17	66·5	...	61	22	1·46	5·65	...	5·36	3	2	...	3·5	1·9	...	5	0	0	2	0	0	0	0	0	
Chainpur	78·7	...	83	3	59·7	...	55	4 days	...	0·10	...	0·10	1	1	...	...	...	...	1	...	...	...	...	...	...	...	...	
Angbung	77·4	...	81	6	59·3 (c)	...	55	6 days	...	0·37	...	0·18	1	2	...	...	...	...	3	...	...	...	...	...	...	...	...	
Taplejung	70·1	...	74	3	55·4	...	51	5 days	0·27	0·49	...	0·29	2	2	...	4·8	2·7	...	3	0	0	0	2	0	0	0	0	
Tapkethok	82·3	...	85	6	58·3	...	54	25,26,27	...	1·95	...	0·97	3	3	...	...	...	...	5	...	...	...	...	...	...	...	...	
Wallangchang-Gola	58·5	...	64	5	39·5	...	31	25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
November																												
Kathmandu	72·7	...	76	6 days	41·4	...	35	4 days	0	0	...	0	...	0	...	1·2	0·5	...	0	0	0	0	12	0	0	0	0	
Chautara*																												
Okhaldhunga	66·9	...	71	2,13	46·1	...	43	6 days	0·43	1·13	...	0·34	21	5	...	0·1	0	...	7	...	...	...	...	...	...	...	...	
Barahkshetra	83·0	...	87	7	58·1	...	51	18	0	0	...	0	...	0	...	3·6	2·5	...	0	...	...	...	...	...	...	...	...	
Chainpur	74·5	...	79	6 days	54·8	...	47	18	...	0	...	0	...	0	...	...	...	...	0	...	...	...	...	...	...	...	...	
Angbung	72·0	...	75	6 days	51·9	...	47	20	...	0	...	0	...	0	...	...	...	...	0	...	...	...	...	...	...	...	...	
Taplejung	65·3	...	69	4 days	47·3	...	41	9,19	0·06	0·18	...	0·10	2	1	...	3·9	2·7	...	4	...	...	...	...	...	...	...	...	
Tapkethok	79·1	...	82	2,3,15	52·1	...	47	29,30	...	0·12	...	0·07	4	0	...	...	...	...	2	...	...	...	...	...	...	...	...	
Wallangchang Gola	52·2	...	56	3	31·4	...	29	19,20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
December																												
Kathmandu	68·2	...	72	3	39·4	...	33	30	0	0	...	0	...	0	...	0·9	0·5	...	0	0	0	0	15	0	0	0	0	
Chautara*																												
Okhaldhunga	64·9	...	71	31	45·7	...	38	8	0	0	...	0	...	0	...	0·1	0	...	0	...	...	...	...	...	...	...	...	
Barahkshetra	79·9	...	83	2,3	55·0	...	53	5 days	0	0	...	0	...	0	...	2·8	2·2	...	0	...	...	...	...	...	...	...	...	
Chainpur	72·3 (e)	...	78	28	51·8 (k)	...	48	11	...	0	...	0	...	0	...	...	...	...	0	...	...	...	...	...	...	...	...	
Angbung	68·0	...	76	17	47·7	...	43	16,23	...	0·04	...	0·04	4	0	...	...	...	...	1	...	...	...	...	...	...	...	...	
Taplejung	59·4	...	65	3	44·9	...	40	29	0	0·13	...	0·07	4	0	...	3·1	2·0	...	2	...	...	...	...	...	...	...	...	
Tapkethok	78·2	...	81	9 days	46·0	...	43	4 days	...	0·33	...	0·19	7	2	...	...	...	...	3	...	...	...	...	...	...	...	...	
Wallangchang Gola	46·3	...	55	2	25·9	...	21	23,24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	

*Data not reliable. (k) Mean of 20 days. (e) Mean of 26 days. (c) Mean of 28 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.			Mean temperature in °F.			Vapour pressure in mbs.	Relative humidity. %	Departure from normal.	Cloud amount (Oktas)		Mean wind speed, miles per hour.	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
Hydrometeorological Observatories Kosi Catchment																										
January																										
Kathmandu	0830	4373	907	871·2	...	39·6	39·1	38·5	7·9	96	...	5·1	...	0·6	0	0	7	1	0	3	3	0	0	0	0	24
	1730	,,	903·	868·5	...	52·4	47·2	41·6	8·8	67	...	3·3	...	0·8	0	0	11	1	2	0	0	4	1	1	2	20
Chautara*	0830																									
Okhaldhunga	0830	...	...	...	...	50·7	47·3	44·3	9·8	80	...	4·5	...	0·8	0	0	10	2	0	0	0	1	3	4	0	21
	1730	...	...	...	...	50·7	47·1	43·0	9·7	78	...	5·7	...	0·9	0	0	11	1	0	0	0	2	3	5	0	20
Barahkshetra	0830	528	1019·0	999·8	...	55·7	52·9	50·3	12·4	83	...	3·4	...	2·4	0	0	14	0	1	11	1	0	0	1	0	17
	1730	,,	1015·2	996·3	...	62·0	57·1	53·0	13·7	73	...	3·6	...	2·1	0	0	25	0	0	13	8	2	0	2	0	6
Chainpur	0830	...	...	...	...	51·9	49·8	47·7	11·3	86	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Angbung	0830	...	...	...	...	51·1	46·3	41·5	8·8	68	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Taplejung	0830	...	...	...	...	43·8	40·7	37·0	7·5	78	...	3·8	...	0·8	0	0	11	0	2	6	0	3	0	0	0	20
	1730	...	...	...	...	47·9	42·6	36·9	7·4	66	...	4·3	...	4·3	0	0	26	1	1	1	11	10	2	0	0	5
Tapkethok	0830	...	...	...	...	47·2	45·1	43·0	9·4	85	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wallangchung Gola	0830	...	...	...	...	36·5	27·3	12·2	2·4	32	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
February																										
Kathmandu	0830	4373	906·7	871·4	...	47·8	45·9	44·0	9·8	87	...	2·7	...	0·2	0	0	3	1	0	1	1	0	0	0	0	25
	1730	,,	902·5	868·3	...	61·5	52·8	44·5	10·1	55	...	2·8	...	0·9	0	0	9	3	1	1	1	0	0	0	3	19
Chautara*	0830																									
Okhaldhunga	0830	...	...	...	...	54·7	50·3	48·2	10·9	85	...	4·5	...	0·9	0	0	13	0	0	4	0	4	3	1	1	15
	1730	...	...	...	...	54·4	50·8	47·8	11·4	85	...	5·1	...	0·9	0	0	11	0	0	0	0	3	4	4	0	17
Barahkshetra	0830	528	1017·4	998·5	...	62·4	57·7	54·0	14·1	74	...	1·4	...	1·6	0	0	11	0	0	7	1	3	0	0	0	17
	1730	,,	1013·0	994·5	...	71·3	62·1	55·0	14·9	57	...	2·5	...	1·7	0	0	18	0	0	8	5	5	0	0	0	10
	0830	...	...	...	...	57·9	55·3	53·7	13·9	85	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Angbung	0830	...	...	...	...	59·5	53·7	48·9	11·7	67	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Taplejung	0830	...	...	...	...	50·6	46·6	42·7	9·3	76	...	4·5	...	0·4	0	0	6	0	0	3	0	0	1	2	0	22
	1730	...	...	...	...	55·2	48·4	42·1	9·3	63	...	5·6	...	6·8	0	2	24	0	0	1	9	14	1	1	0	2
Tapkethok	0830	...	...	...	...	51·0	50·3	49·6	12·1	95	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wallangchung Gola	0830	...	...	...	...	38·0	34·5	30·0	5·7	73	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
March																										
Kathmandu	0830	4373	902·4	868·1	...	60·2	55·6	51·9	13·2	75	...	2·4	...	0·5	0	0	6	0	0	2	3	1	0	0	0	25
	1730	,,	898·2	864·8	...	70·5	59·1	49·8	12·7	50	...	3·0	...	1·3	0	0	11	4	0	0	1	0	1	0	5	20
Chautara*	0830																									
Okhaldhunga	0830	...	...	...	...	59·5	54·6	50·5	12·9	76	...	4·8	...	0·7	0	0	11	1	1	1	0	4	2	1	1	20
	1730	...	...	...	...	59·5	55·3	52·0	14·0	78	...	5·2	...	1·5	0	0	18	2	1	0	0	2	5	6	2	13
Barahkshetra	0830	528	1010·9	992·5	...	74·7	66·3	60·3	18·3	63	...	3·0	...	2·4	0	0	15	0	0	1	0	2	3	8	1	16
	1730	,,	1006·5	988·5	...	81·2	69·1	60·5	18·9	53	...	4·0	...	2·9	0	0	27	0	0	6	4	10	7	0	0	4
Chainpur	0830	...	...	...	...	65·1	63·1	62·1	19·0	89	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Angbung	0830	...	...	...	...	63·4	58·0	53·9	14·2	72	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Taplejung	0830	...	...	...	...	57·9	52·2	47·2	11·3	70	...	3·0	...	1·0	0	0	13	4	3	4	0	1	0	0	1	18
	1730	...	...	...	...	62·9	54·8	48·8	11·8	62	...	4·6	...	6·3	0	1	25	0	0	2	10	12	2	0	0	5
Tapkethok	0830	...	...	...	...	58·2	57·0	55·9	15·4	93	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wallangchung Gola	0830	...	...	...	...	45·5	39·4	32·3	6·0	61	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
April																										
Kathmandu	0830	4373	901·3	867·5	...	66·5	57·8	50·9	12·8	58	...	1·3	...	0·6	0	0	8	0	1	5	2	0	0	0	0	22
	1730	,,	897·7	864·5	...	74·2	59·4	46·5	11·3	41	...	4·3	...	1·3	0	0	16	2	0	0	2	5	3	1	3	14
Chautara*	0830																									
Okhaldhunga	0830	...	...	...	...	67·0	61·7	58·6	16·9	77	...	3·0	...	0·7	0	0	8	1	0	1	0	1	3	2	0	22
	1730	...	...	...	...	64·9	58·6	53·5	14·5	71	...	5·0	...	1·3	0	0	16	1	0	1	0	3	5	5	1	14
Barahkshetra	0830	528	1009·1	990·9	...	79·9	66·8	57·4	16·5	49	...	2·1	...	4·1	0	0	23	0	0	8	2	1	6	5	1	7
	1730	,,	1003·9	986·1	...	88·6	69·3	54·3	15·8	36	...	3·4	...	5·1	0	0	26	2	2	8	3	4	1	3	3	4
Chainpur	0830	...	...	...	...	71·4	67·1	64·8	20·9	80	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Angbung	0830	...	...	...	...	67·0	58·7	52·4	13·5	60	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Taplejung	0830	...	...	...	...	62·8	55·0	49·1	12·0	63	...	2·3	...	1·1	0	0	15	3	3	2	0	0	0	5	2	15
	1730	...	...	...	...	65·2	55·8	49·0	11·8	57	...	2·6	...	6·6	0	1	28	0	2	5	11	8	1	1	1	1
Tapkethok	0830	...	...	...	...	64·3	63·2	62·3	19·4	94	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wallangchung Gola	0830	...	...	...	...	53·0	42·7	32·4	6·1	45	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

*Data not reliable.

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.			Mean temperature in °F.			Vapour pressure in mbs.	Relative humidity %.	Departure from normal.	Cloud amount (Oktas)		Mean wind speed, miles per hour.	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																										
Kathmandu	0830	4373	897·5	864·3	...	73·7	63·8	57·3	16·2	58	...	2·1	...	1·3	0	0	19	3	3	6	3	2	0	1	1	12
	1730	,,	894·7	861·9	...	78·4	64·7	55·2	15·3	48	...	2·6	...	2·3	0	0	21	5	0	0	1	1	3	5	6	10
Chautara*	0830																									
Okhaldhunga	0830	...	...	...	...	66·2	60·7	57·6	12·6	76	...	5·0	...	0·3	0	0	4	0	0	0	0	3	1	0	0	27
	1730	...	...	...	...	64·7	58·9	54·7	14·9	72	...	4·8	...	0·3	0	0	4	1	0	0	0	2	0	1	0	27
Barahkshetra	0830	528	1004·8	986·9	...	84·5	74·6	69·6	24·9	62	...	3·2	...	3·9	0	0	26	1	1	1	1	0	5	14	3	5
	1730	,,	1000·7	983·0	...	89·1	77·1	71·2	26·3	57	...	3·8	...	4·0	0	0	27	3	1	3	1	2	0	13	4	4
Chainpur	0830	...	...	...	...	72·8	69·6	68·4	23·4	85	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Angbung	0830	...	...	...	...	70·7	66·0	63·3	20·0	78	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Taplejung	0830	...	...	...	...	66·3	60·9	57·6	16·3	75	...	4·8	...	1·2	0	0	17	4	4	2	0	0	1	2	4	14
	1730	...	...	...	...	67·0	61·7	58·2	16·9	74	...	7·0	...	4·4	0	1	28	0	3	4	8	9	2	1	1	3
Tapkethok	0830	...	...	...	...	65·9	64·6	64·4	20·2	93	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wallangchung Gola	0830	...	...	...	...	51·9	46·4	41·9	9·1	68	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
June																										
Kathmandu	0830	4373	894·5	861·3	...	73·3	68·4	65·7	21·7	78	...	6·0	...	1·3	0	0	12	1	0	6	4	1	0	0	0	18
	1730	,,	891·8	858·9	...	76·4	69·5	65·6	21·8	71	...	5·7	...	2·1	0	1	14	3	1	3	1	1	0	3	3	15
Chautara*	0830																									
Okhaldhunga	0830	...	...	...	...	67·8	66·1	65·4	21·3	92	...	5·8	...	0·5	0	0	6	0	0	1	0	0	4	1	0	24
	1730	...	...	...	...	67·3	64·4	62·8	19·6	86	...	5·9	...	0·4	0	0	6	0	0	1	0	4	0	1	0	24
Barahkshetra	0830	528	1001·7	983·8	...	83·0	77·1	74·4	29·1	76	...	6·5	...	2·8	0	0	20	0	0	1	0	2	0	16	1	10
	1730	,,	998·4	980·6	...	86·0	78·9	75·8	30·5	73	...	6·5	...	3·6	0	1	21	1	0	2	2	0	3	11	3	8
Chainpur	0830	...	...	...	...	72·2	71·9	71·8	26·6	98	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Angbung	0830	...	...	...	...	72·0	69·2	67·4	23·2	86	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Taplejung	0830	...	...	...	...	67·7	65·2	63·8	20·3	88	...	6·9	...	1·6	0	0	17	5	2	2	0	1	2	3	2	13
	1730	...	...	...	...	69·7	65·7	63·9	20·2	82	...	7·0	...	3·3	0	0	22	4	2	3	5	5	1	1	1	8
Tapkethok	0830	...	...	...	...	70·5	67·4	65·9	21·7	85	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wallangchung Gola	0830	...	...	...	...	54·3	49·5	45·7	10·6	73	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
July																										
Kathmandu*	0830	4373	894·7	861·5	...	72·9	69·3	67·4	23·0	83	...	6·8	...	0·7	0	0	8	0	1	4	1	1	0	0	1	23
	1730	,,	892·3	859·3	...	74·9	70·9	69·0	21·9	82	...	7·1	...	1·0	0	0	11	3	0	2	2	2	0	0	2	20
Chautara*	0830																									
Okhaldhunga	0830	...	...	...	...	67·2	63·3	61·3	18·4	82	...	5·7	...	0·5	0	0	7	1	0	2	0	3	1	0	0	24
	1730	...	...	...	...	67·1	63·0	60·3	18·2	83	...	4·8	...	0·4	0	0	6	0	0	0	0	0	2	4	0	25
Barahkshetra	0830	528	1002·5	984·5	...	80·4	77·9	76·8	31·5	89	...	7·5	...	1·9	0	0	16	0	0	1	1	0	1	12	1	15
	1730	,,	999·9	982·1	...	83·0	79·3	77·8	32·5	84	...	7·2	...	2·2	0	0	15	0	0	1	0	1	1	8	4	16
Chainpur	0830	...	...	...	...	72·2	71·5	71·1	26·1	96	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Angbung	0830	...	...	...	...	71·9	70·5	70·1	24·9	93	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Taplejung	0830	...	...	...	...	66·7	65·8	65·2	21·2	95	...	7·7	...	1·0	0	0	13	4	4	1	0	1	0	1	2	18
	1730	...	...	...	...	68·7	66·3	65·1	21·0	89	...	7·5	...	3·2	0	0	19	2	1	3	7	4	1	1	0	12
Tapkethok	0830	...	...	...	...	68·6	67·7	67·1	22·8	95	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wallangchung Gola	0830	...	...	...	...	55·4	50·1	46·0	10·7	71	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
August																										
Kathmandu	0830	4373	895·4	862·3	...	73·6	69·5	67·4	23·0	81	...	5·9	...	1·0	0	0	11	1	0	6	2	1	0	0	1	20
	1730	,,	892·8	859·9	...	75·8	70·9	68·6	23·8	78	...	6·5	...	1·0	0	0	9	3	1	1	0	2	0	0	2	22
Chautara*	0830																									
Okhaldhunga	0830	...	...	...	...	69·0	67·4	66·7	22·4	93	...	4·8	...	0·5	0	0	8	0	0	2	0	0	1	5	0	23
	1730	...	...	...	...	68·4	67·0	66·4	22·1	93	...	4·7	...	0·6	0	0	8	0	0	1	0	3	2	2	0	23
Barahkshetra	0830	528	1002·5	984·6	...	82·7	78·6	76·9	31·6	83	...	5·5	...	1·7	0	0	16	1	0	1	1	0	0	12	1	15
	1730	,,	999·7	981·9	...	84·7	80·7	79·1	34·0	84	...	6·3	...	1·2	0	0	13	0	0	3	1	3	3	3	0	18
Chainpur	0830	...	...	...	...	74·2	72·8	72·4	27·0	93	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Angbung	0830	...	...	...	...	73·2	71·1	70·0	25·2	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Taplejung	0830	...	...	...	...	69·2	66·4	65·1	21·2	87	...	6·0	...	1·0	0	0	14	6	5	0	1	0	0	0	2	17
	1730	...	...	...	...	70·6	67·4	66·1	21·7	85	...	7·0	...	3·4	0	0	22	2	4	4	5	6	0	0	1	9
Tapkethok	0830	...	...	...	...	70·7	70·0	69·4	24·8	96	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wallangchung Gola	0830	...	...	...	...	53·8	49·0	45·2	10·3	73	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

*Data not reliable.

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.			Mean temperature in °F.			Vapour pressure in mbs.	Relative humidity %.		Cloud amount (Oktas).		Mean wind speed, miles per hour.	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
Hydrometeorological Observatories Kosi Catchment—*contd.*																										
September—																										
Kathmandu	0830	4373	899·1	865·7	...	71·0	67·3	65·1	21·2	82	...	5·4	...	0·5	0	0	7	0	0	3	3	1	0	0	0	23
	1730	,,	895·8	862·7	...	73·5	68·9	66·7	22·1	79	...	5·2	...	0·5	0	0	5	1	0	3	0	1	0	0	0	25
Bhautara*	0830																									
Okhaldhunga	0830	...	...	...	...	64·5	62·9	62·3	19·0	91	...	6·0	...	1·0	0	0	14	1	0	1	0	5	3	4	0	16
	1730	...	...	...	...	64·5	63·2	62·5	19·3	93	...	6·3	...	0·5	0	0	8	0	0	0	0	4	1	3	0	22
Harahkshetra	0830	528	1006·7	988·7	...	81·0	76·9	75·0	29·7	82	...	5·4	...	1·6	0	0	16	0	0	4	1	2	2	6	1	14
	1730	,,	1003·8	985·8	...	80·7	77·9	76·7	31·3	88	...	6·4	...	0·7	0	0	9	0	0	2	3	2	0	1	1	21
Dhainpur	0830	...	...	...	...	72·1	69·6	68·1	23·7	88	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	1730	...	...	...	...	72·7	70·7	69·7	24·8	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dingbung	0830	...	...	...	...	70·7	69·0	68·3	23·6	92	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Taplejung	0830	...	...	...	...	66·6	64·2	62·9	19·6	89	...	5·8	...	1·3	0	0	18	9	1	2	0	1	0	3	2	12
	1730	...	...	...	...	69·7	65·0	63·5	20·1	87	...	6·3	...	4·4	0	0	22	0	2	3	4	13	0	0	0	8
Tapkethok	0830	...	...	...	...	70·0	68·2	67·4	22·8	91	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Vallangchung Gola	0830	...	...	...	...	54·1	49·1	45·1	10·3	71	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
October																										
Kathmandu	0830	4373	904·1	869·9	...	62·5	59·1	56·4	15·7	82	...	3·3	...	0	0	0	0	0	0	0	0	0	0	0	0	31
	1730	,,	900·3	866·5	...	67·2	61·4	57·5	16·4	71	...	1·1	...	0·2	0	0	3	1	0	0	0	0	1	1	0	28
Bhautara*	0830																									
Okhaldhunga	0830	...	...	...	...	62·7	57·6	53·7	14·4	73	...	4·5	...	0·5	0	0	8	0	0	1	0	2	4	1	0	23
	1730	...	...	...	...	61·5	57·6	54·6	14·8	80	...	4·8	...	0·8	0	0	13	0	0	0	0	6	4	3	0	18
Harahkshetra	0830	528	1012·8	994·5	...	75·7	70·0	67·1	22·6	75	...	1·7	...	1·0	0	0	11	0	0	2	2	2	3	1	1	20
	1730	,,	1009·2	990·9	...	74·0	71·4	69·5	25·1	85	...	2·4	...	1·5	0	0	20	0	0	6	13	1	0	0	0	11
Dhainpur	0830	...	...	...	...	67·8	65·1	63·4	20·1	87	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	1730	...	...	...	...	69·6	66·5	64·5	21·0	85	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dingbung	0830	...	...	...	...	66·8	63·9	62·0	19·1	85	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Taplejung	0830	...	...	...	...	61·8	56·5	52·5	13·7	73	...	2·9	...	0·4	0	0	5	1	1	2	0	0	0	1	0	26
	1730	...	...	...	...	63·3	56·2	51·1	12·9	65	...	3·9	...	6·7	0	1	29	0	0	0	6	24	0	0	0	1
Tapkethok	0830	...	...	...	...	61·7	59·1	57·5	16·1	85	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Vallangchung Gola	0830	...	...	...	...	51·1	45·4	40·4	8·3	66	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
November—																										
Kathmandu	0830	4373	907·1	872·1	...	52·2	49·4	47·0	10·9	82	...	1·0	...	0·3	0	0	5	0	1	0	1	0	1	1	1	25
	1730	,,	903·5	869·2	...	60·0	53·1	46·6	11·0	62	...	0·8	...	0·3	0	0	5	1	0	0	1	0	1	0	2	25
Bhautara*	0830																									
Okhaldhunga	0830	...	...	...	...	56·1	52·1	48·8	11·9	79	...	4·3	...	0·7	0	0	9	1	0	2	0	1	4	1	0	21
	1730	...	...	...	...	55·1	51·2	48·5	11·5	78	...	4·3	...	0·3	0	0	4	0	1	0	0	1	2	0	0	26
Harahkshetra	0830	528	1017·1	998·4	...	67·5	60·8	55·7	15·2	66	...	0·5	...	2·9	0	0	22	0	0	5	4	5	4	3	1	8
	1730	,,	1013·7	995·0	...	67·0	62·9	60·0	17·8	79	...	1·1	...	1·8	0	0	21	0	0	6	10	2	2	1	0	9
Dhainpur	0830	...	...	...	...	63·6	60·0	57·4	16·2	81	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	1730	...	...	...	...	64·5	62·2	60·9	18·1	88	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dingbung	0830	...	...	...	...	61·7	54·1	47·5	11·3	60	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Taplejung	0830	...	...	...	...	55·7	48·5	41·6	9·0	61	...	2·1	...	0·5	0	0	8	0	2	3	0	0	0	3	0	22
	1730	...	...	...	...	56·4	49·0	41·9	9·2	60	...	2·6	...	4·5	0	0	25	0	0	3	4	14	3	1	0	5
Tapkethok	0830	...	...	...	...	53·6	52·8	52·0	13·5	95	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Vallangchung Gola	0830	...	...	...	...	45·6	35·6	21·6	4·0	39	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
December																										
Kathmandu	0830	4373	908·6	872·8	...	45·3	44·0	43·0	9·3	92	...	3·9	...	0	0	0	0	0	0	0	0	0	0	0	0	31
	1730	,,	904·3	869·7	...	56·8	50·5	44·3	10·0	63	...	2·3	...	0·3	0	0	3	1	0	0	2	0	0	0	0	28
Bhautara*	0830																									
Okhaldhunga	0830	...	...	...	...	55·0	51·3	48·6	11·5	79	...	5·0	...	0·9	0	0	10	0	0	3	0	0	6	1	0	21
	1730	...	...	...	...	58·1	51·7	48·9	10·8	81	...	4·7	...	1·1	0	0	13	2	0	0	0	1	2	8	0	18
Harahkshetra	0830	528	1018·7	1000·1	...	62·3	57·5	53·4	14·0	74	...	1·4	...	2·8	0	0	18	0	0	5	5	1	3	3	1	13
	1730	,,	1015·3	996·6	...	64·8	60·4	57·1	15·7	76	...	2·0	...	2·6	0	0	27	0	0	5	21	1	0	0	0	4
Dhainpur	0830	...	...	...	...	59·7	57·1	55·5	14·8	85	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(R)	1730					(e)	(e)	(e)	(e)	(e)																
Dingbung	0830	...	...	...	...	56·3	50·4	44·5	10·1	65	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Taplejung	0830	...	...	...	...	48·7	44·9	41·1	8·8	76	...	3·3	...	0·8	0	0	10	0	2	5	2	1	0	0	0	21
	1730	...	...	...	...	52·4	46·8	40·9	8·9	66	...	4·8	...	7·0	0	1	23	0	0	1	9	12	2	0	0	7
Tapkethok*	0830																									
Vallangchung Gola	0830	...	...	...	...	40·4	34·2	26·0	4·8	56	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

*Data not reliable (e) Mean of 26 days (R) Revised

RADIOSONDE DATA
MEAN DYNAMIC HEIGHT, TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACES
(From Ascents at 15 hrs. G. M. T.)
DECEMBER 1953

Standard Pressure Surface mbs.	ALLAHABAD (Sur. Pr. 1005 mb.)						CALCUTTA (1015 mb.)						JODHPUR (991 mb.)					
	No. of Obs.	Ht. Gpm.	Temperature °A.				No. of Obs.	Ht. Gpm.	Temperature °A.				No. of Obs.	Ht. Gpm.	Temperature °A.			
			Mean	Max.	Min.	Dew Point			Mean	Max.	Min.	Dew Point			Mean	Max.	Min.	Dew Point
Surface	31	96	291·1	294	289	288·0	31	5	290·9	294	289	288·3	31	218	294·3	297	291	278·3
1000	31	138	..	..	..	..	31	130	..	..	..	..	31	138	..	..	..	..
900	31	1046	289·1	292	286	281·2	31	1039	289·6	295	288	281·2	31	1051	292·5	297	285	272·5
850	31	1530	286·0	289	283	275·9	31	1523	285·5	292	281	277·9	31	1538	288·3	293	279	268·8
800	31	2037	283·6	286	280	271·4	31	2028	282·5	288	280	272·8	31	2050	284·9	291	275	266·4
700	31	3141	279·3	285	273	264·6	31	3133	281·1	289	275	258·4	31	3151	277·5	284	272	258·4
600	31	4391	271·9	277	264	258·6	31	4387	274·1	282	269	250·4	31	4389	270·0	275	260	..
500	30	5818	262·1	267	257	..	31	5826	265·1	273	259	..	31	5805	260·4	265	251	..
400	30	7497	250·7	256	245	..	31	7517	253·7	262	247	..	31	7471	249·1	255	241	..
300	29	9552	236·6	243	225	..	29	9590	240·0	248	236	..	26	9513	234 6	240	228	..
250	27	10804	229·4	235	220	..	25	10847	231·2	239	225	..	26	10743	226·7	232	222	..
200	26	12271	221·3	228	214	..	22	12319	222·2	235	215	..	22	12183	217·9	228	212	..
175	21	13161	218·5	226	208	..	16	13176	216·0	224	209	..	13	13008	216·8	228	210	..
150	18	14166	214·0	223	201	..	12	14115	212·3	221	207	..	6	14045	215·3	224	210	..
125	16	15269	210·6	221	205	..	7	15247	211·7	217	201	..	5	15156	209·4	218	205	..
100	6	16709	209·3	220	203		5	16681	206·2	207	202	..	5	16514	207·0	216	202	..
80																		

	MADRAS (1013 mb.)						NAGPUR (980 mb.)						NEW DELHI (992 mb.)					
Surface	31	15	297·6	299	297	293·0	28	311	292·8	296	291	282·3	31	206	287·2	291	285	284·1
1000	30	126	..	..	..	..	28	131	..	..	..	..	31	138	..	..	..	..
900	30	1040	290·9	294	287	285·7	28	1044	292·7	298	290	278·4	31	1041	289·9	293	282	275·8
850	30	1528	288·4	291	286	280·9	27	1533	289·4	293	285	275·8	31	1525	287·2	291	281	271·9
800	30	2042	287·0	292	285	274·3	28	2049	286·0	291	283	270·0	31	2035	284·6	290	278	269·6
700	28	3163	283·3	286	281	266·3	25	3169	282·4	285	277	257·9	31	3137	277·9	284	269	263·2
600	28	4431	276·7	281	269	260·4	23	4422	275·2	280	272	253·8	31	4377	269·0	275	262	..
500	27	5889	268·4	271	266	..	17	5862	266·0	271	263	..	31	5794	260·2	266	252	..
400	24	7609	257·0	261	250	..	9	7537	253·1	259	249	..	31	7459	248·7	257	240	..
300	18	9708	241·6	246	235	..	..	..	..	..	..	..	31	9496	234·7	244	228	..
250	15	10975	232·7	237	227	..	..	..	..	..	..	..	31	10729	226·5	235	215	..
200	8	12474	222·5	228	218	..	..	..	..	..	..	..	29	12198	220·2	229	211	..
175	6	13313	215·9	218	214	..	..	..	..	..	..	..	25	13050	216·9	225	209	..
150	5	14265	210·0	212	207	..	..	..	..	..	..	..	21	14024	215·0	225	205	..
125													10	15201	214·4	222	209	..
100													5	16640	212·0	214	210	
80																		

RADIOSONDE DATA
MEAN DYNAMIC HEIGHT, TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACES
(From Ascents at 15 hrs. G. M. T.)
DECEMBER 1953

Standard Pressure Surface mbs.	POONA (Sur. Pr. 952 mb.)						PORT BLAIR (1003 mb.)						SHILLONG (842 mb.)					
	No. of Obs.	Ht. Gpm	Temperature °A.				No. of Obs.	Ht. Gpm.	Temperature °A				No. of Obs.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point			Mean	Max.	Min.	Dew Point			Mean	Max.	Min.	Dew Point
Surface	30	557	293·5	296	291	285·3	24	81	299·4	300	299	294·9	31	1597	283·6	286	282	281·1
1000	30	126	..	..	..	..	22	110	..	..	..	..	31	146	..	..	..	..
900	30	1042	295·9	299	292	279·5	22	1030	293·0	296	291	288·6	31	1042	..	..	..	..
850	30	1535	292·7	295	290	277·1	21	1522	290·8	294	288	285·3	31	1522	..	..	..	..
800	30	2055	288·2	292	285	275·0	21	2041	288·4	292	285	280·8	31	2027	282·0	287	279	276·8
700	30	3175	283·2	287	277	264·6	20	3163	283·3	288	277	274·3	31	3119	276·1	281	272	265·8
600	30	4441	276·3	281	271	260·0	16	4429	276·5	280	274	267·7	31	4363	272·4	279	268	..
500	29	5894	267·2	271	264	..	13	5884	269·1	273	265	..	31	5791	263·6	272	258	..
400	28	7606	256·1	260	251	..	9	7615	258·8	262	255	..	31	7476	251·3	265	245	..
300	25	9704	242·0	245	235	..	5	9747	245·0	248	243	..	28	9542	237·4	246	229	..
250	23	10973	232·9	235	229	..	5	11033	237·4	239	236	..	25	10802	229·9	237	222	..
200	19	12466	222·6	227	219	..	..	..	..	..	..	..	23	12272	221·3	231	213	..
175	15	13351	217·7	220	213	..	..	..	..	..	..	..	15	13174	217·0	224	206	..
150	13	14307	212·2	217	205	..	..	..	..	..	..	..	6	14089	213·0	219	208	..
125																		
100																		
80																		

	TRIVANDRUM (1004 mb.)						VERAVAL (1014 mb.)						VISAKHAPATNAM (1010 mb.)					
Surface	31	63	299·8	301	298	295·8	30	8	296·1	298	292	291·2	31	48	297·2	299	295	291·5
1000	31	103	..	..	..	..	30	128	..	..	..	..	31	134	..	..	..	..
900	31	1026	293·1	295	291	288·8	30	1049	293·5	296	289	277·2	31	1047	290·8	293	286	284·5
850	31	1518	290·9	294	289	286·1	30	1539	290·8	294	287	273·1	31	1534	288·4	291	282	281·1
800	31	2036	288·3	291	284	281·2	30	2057	287·7	293	283	270·3	29	2046	286·5	290	28	273·4
700	30	3159	283·5	286	281	269·9	30	3175	282·1	287	277	262·3	28	3164	283·2	287	280	264·0
600	29	4429	276·8	280	274	264·6	29	4437	275·0	279	269	257·0	27	4432	276·4	279	272	261·5
500	28	5889	268·9	271	265	..	26	5881	265·7	269	263	..	27	5888	267·5	271	263	..
400	25	7619	259·4	263	257	..	23	7581	254·7	257	253	..	27	7599	256·1	261	250	..
300	23	9739	245·2	251	241	..	20	9668	240·4	245	235	..	24	9704	241·7	245	239	..
250	20	11028	235·7	241	232	..	18	10930	231·8	239	227	..	19	10968	232·8	239	228	..
200	19	12538	225·2	235	217	..	14	12406	221·7	231	213	..	18	12462	222·8	232	219	..
175	16	13435	218·2	230	209	..	8	13299	217·3	222	212	..	9	13279	218·6	225	214	..
150	9	14399	213·6	228	207	..	7	14229	212·0	217	207	..	9	14261	213·3	222	207	..
125	5	15567	207·4	219	199	..	..	..	..	..	..	..	..	..	..	..	..	..
100																		
80																		

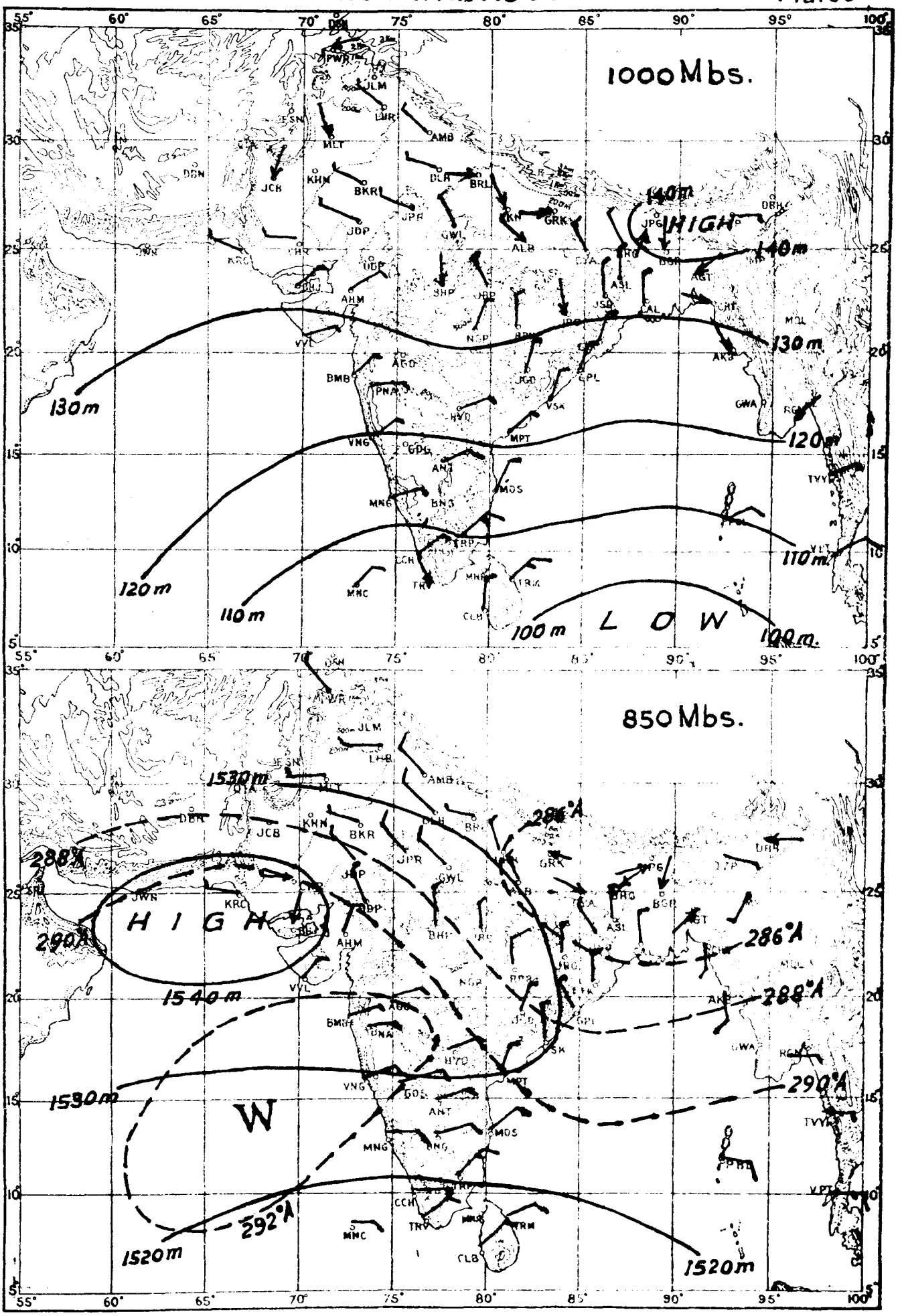
NOTE.—Number of observations refer to those of dynamic height.
Means are not worked out for temperature and dew point for the 1000 mb. surface and for dew point for standard pressure surfaces with temperature less than 273°A.
Means are not worked out for less than five observations at standard pressure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

PN—S2—3DDG Obs. Poona—28-12-55—260.

MONTHLY MEAN CONSTANT PRESSURE CHARTS.

DECEMBER 1953

Plate I



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

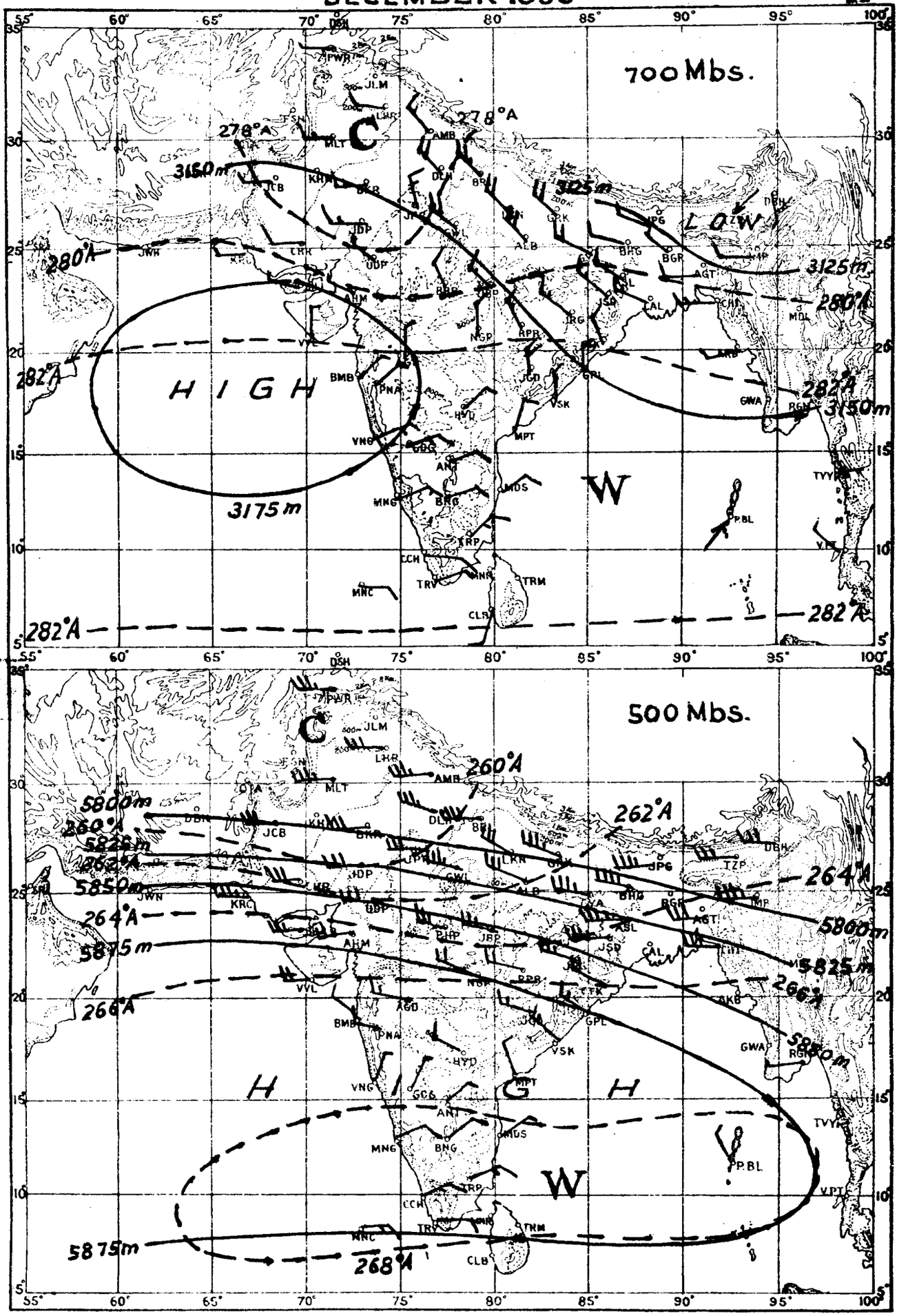
------ Isotherms in degrees absolute. ——— Contours in geopotential metres.

G. H. Z. P. POONA, 53.

MONTHLY MEAN CONSTANT PRESSURE CHARTS.

DECEMBER 1953

Plate II



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

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

G.P.Z.-P.POONA,53.