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India. METEOROLOGICAL DEPARTMENT

INDIA WEATHER REVIEW, 1938

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UNDER THE DIRECTION OF

S. K. BANERJI, D.Sc.

Offg. *Director General of Observatories*

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INDIA WEATHER REVIEW, 1938

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INDIA WEATHER REVIEW, 1938

INTRODUCTION.

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

Monthly Weather Report.

Up to 1932 the monthly means published in the Monthly Weather Reports were only for 8 hrs. L. M. T. and were based upon the telegraphed figures, the Monthly Weather Report being published promptly at the end of each month. The necessity of an afternoon weather chart for the preparation of forecasts for aviators led to most of the observatories in Persia, northern and central India, and Burma being raised by the end of 1930 to class II, recording observations both in the morning and afternoon. Arrangements for the tabluation and scrutiny of the afternoon observations were completed in 1932. From the issue for January 1933 further changes were therefore made in the Monthly Weather Report; it was expanded to contain averages of the afternoon observations also; the monthly means were based upon the scrutinised data contained in the Monthly Meteorological Registers received by post and the publication of the Monthly Weather Report was consequently delayed; data from most of the non-telegraphic observatories were also included in the Monthly Weather Report. From April 1937 the remaining observatories in the Peninsula were also raised to class II and their observations at both hours were published in the Monthly Weather Reports from January 1938.

From 1933 each Monthly Weather Report gives a short account of the weather of the month and has the following five tables:—Table I containing the divisional and sub-divisional means, Table II the monthly means of observations at 8 hrs. L. M. T. and 17 hrs. I. S. T. at Indian stations, Table III, the means of observations recorded at stations in south Baluchistan, Iran and Arabia at 4 and 14 hrs. G. M. T. up to June 1934, and at 4 and 12 hrs. G. M. T. afterwards (From January 1938 south Baluchistan stations were transferred to Table II owing to a change in the times of observation); Table IV the data of fourth class stations and Table V the rainfall data of fifth class stations.

Annual Summary.

Beginning with the issue for 1933, the Annual Summary was published in five parts, instead of seven. From the issue for 1938 it is published in four parts as detailed below. The fifth part comprising the "Seismic Records" is now being published separately in the form of a quarterly bulletin called the "Seismological Bulletin":—

I. Introduction.—Title page; table of contents; introduction including an alphabetical list of observatories and a list of stations equipped with autographic instruments; sheets of 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, tables of observations at the third hour of observation and daily means at the first class stations and special tables of nocturnal radiation temperature, sunshine data, hourly wind velocities and rainfall. Three plates 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 received from the mountain regions in the north of India.

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

The following notes concerning the observatories, the instruments in use and their conditions of exposure, the methods of observation and of 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 and in tables I to IX of the Annual Summary, Part A, is given in the table below. The class to which the staion belongs, the geographical co-ordinates, (φ, λ) the difference (Δ_t) between the Indian Standard Time and the Local Mean Time of the station (I. S. T.—L. M. T.) in the case of Indian stations, the heights of the barometer cistern (H_b) above M. S. L. and of the anemometer above the ground (h_a) are also given against each station.

The scheme of classification of observatories adopted in this department is the following :—

Class I.—Observatories taking three or more sets of observations per day at fixed times, and having autographic instruments for recording at least pressure, temperature, wind force and direction.

Class II.—Observatories taking two sets of observations per day.

Class III.—Observatories taking one set of observations per day.

Class IV.—Observatories not equipped with barometers, but taking either two or one set of all the remaining observations per day.

Class V.—Observatories taking instrumental observations of rainfall only daily.

The three hours of observation adopted at Indian stations are 8 hrs. L. M. T., 12-30 hrs. I. S. T. and 17 hrs. I. S. T. At stations where only a single observation is recorded, *viz.*, class III, IV and V observatories, the observations are recorded at the morning hour only. At class II stations, observations are recorded at 8 hrs. L. M. T., and 17 hrs. I. S. T. whereas at class I stations observations are recorded at 12-30 hrs. I. S. T. also.

The north and south Baluchistan stations where observations were being recorded at 7 hrs. L. M. T. and 17 hrs. I. S. T. and 4 and 12 hrs. G. M. T. respectively up to the end of December 1937 have been brought into line with Indian stations from 1st January 1938 and now record observations at 8 hrs. L. M. T. and 17 hrs. I. S. T.

At the Iranian and Arabian stations the hours of observation adopted are 4 and 12 hrs. G. M. T.

The Indian Standard Time (I. S. T.) corresponds to the longitude of 82° 30'E and is therefore 5 hrs. 30 mins. in advance of the Greenwich Mean Time. The Greenwich Mean Time corresponding to the local time of any observatory can therefore be easily derived from Δ_t.

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 $4\frac{1}{4}$ to $4\frac{1}{2}$ ft. above ground ; they are at a similar height in the sheds also. A standard height of 1 ft. above ground has been adopted for the rim of the funnel of the rain-gauge.

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

Alphabetical List of Stations.

Station.	Class.	φ	λ	Δ_t	H_b	h_a	Station.	Class.	φ	λ	Δ_t	H_b	h_a
		° ′ N	° ′ E	hrs. mins.	ft.	ft.			° ′ N	° ′ E	hrs. mins.	ft.	ft.
Aden	III	12 49	45 02	+2 30	98	6	Bellary	II	15 09	76 51	+0 23	1,473	33
Agra	I	27 08	78 01	+0 18	554	48	Benares	II	25 18	83 01	−0 02	250	81
Ahmadabad	II	23 02	72 35	+0 40	163	51	Berhampore	II	24 08	88 16	−0 23	62	25
Ahmadnagar	II	19 05	74 55	+0 30	2,154	37	Bhamo	II	24 15	97 15	−0 59	386	38
Aijal	II	23 44	92 43	−0 41	3,599	26	Bhavnagar	II	21 45	72 12	+0 41	55	28
Ajmer	II	26 27	74 37	+0 32	1,593	45	Bhopal	II	23 16	77 25	+0 20	1,643	31
Akola	II	20 42	77 02	+0 22	925	43	Bhuj	II	23 15	69 48	+0 51	343	30
Akyab	II	20 08	92 55	−0 42	29	19	Bidar	IV	17 55	77 32	+0 20	—	36
Alibag	III	18 38	72 52	+0 38	23	74	Bijapur	II	16 49	75 43	+0 27	1,950	32
Aligarh	II	27 53	78 04	+0 18	615	46	Bikaner	II	28 00	73 18	+0 37	734	36
Alipore (Calcutta)	I	22 32	88 20	−0 23	21	56	Bogra	II	24 51	89 23	−0 28	63	30
Allahabad	II	25 26	81 50	+0 03	309	58	Bombay	I	18 54	72 49	−0 39	37	58
Ambala	II	30 23	76 46	+0 23	892	42	Brahmanbaria	II	23 59	91 07	−0 34	32	26
Amherst	II	16 05	97 34	−1 00	71	43	Brijnagar	II	24 32	76 10	+0 25	1,053	25
Amini Divi	III	11 07	72 44	+0 39	13	27	Burdwan	II	23 14	87 51	−0 21	99	38
Amraoti	III	20 56	77 47	+0 19	1,213	26	Bushire	II	28 59	50 49	—	14	49
Anantapur	V	14 41	77 37	+0 20	—	—	Calcutta (Alipore)	I	22 32	88 20	−0 23	21	56
Angul	II	20 50	85 06	−0 10	455	25	Calicut	II	11 15	75 47	+0 27	27	43
Arrah	V	25 34	84 40	−0 09	—	—	Calingapatam	II	18 20	84 08	−0 07	19	33
Asansol	II	23 41	86 59	−0 18	414	33	Car Nicobar	III	9 15	92 48	−0 41	19	7
Aurangabad	II	19 53	75 20	+0 29	1,905	34	Cawnpore	II	26 28	80 21	+0 09	416	50
Badin	II	24 38	68 54	+0 54	37	30	Chaibasa	II	22 33	85 49	−0 13	742	28
Bahawalpur	II	29 24	71 47	+0 43	384	43	Chaman	II	30 56	66 26	+1 04	4,311	21
Bahraich	II	27 34	81 36	+0 04	407	36	Chanda	II	19 58	79 18	+0 13	634	17
Bahrain	II	26 14	50 35	—	8	19	Chandbali	II	20 47	86 44	−0 17	20	32
Balasore	II	21 30	86 56	−0 18	65	26	Chapra	V	25 47	84 44	−0 09	—	—
Balehonnur	III	13 22	75 27	+0 28	2,917	17	Charbar	II	25 17	60 37	—	25	41
Bandar Abbas	II	27 11	56 17	—	29	32	Cherat	III	33 50	71 54	+0 42	4,272	80
Bangalore	I	12 58	77 35	+0 20	3,021	55	Cherrapunji	II	25 15	91 44	−0 37	4,309	28
Bankura	V	23 14	87 04	−0 18	—	—	Chitaldrug	II	14 14	76 27	+0 24	2,405	26
Bannu	IV	33 00	70 36	+0 48	—	—	Chittagong	II	22 21	91 50	−0 37	87	27
Bareilly	II	28 22	79 24	+0 12	568	41	Chhor	II	25 31	69 50	+0 51	19	27
Barisal	II	22 42	90 22	−0 31	11	35	Cocanada	II	16 57	82 14	+0 01	26	29
Barmer	II	25 45	71 23	+0 44	638	21	Cochin	II	9 58	76 14	+0 25	10	32
Baroda	I	22 18	73 15	+0 37	115	40	Coimbatore	II	11 00	76 58	+0 22	1,341	43
Bassein	II	16 46	94 46	−0 49	20	45	Colombo	I	6 55	79 53	+0 10	24	19
Belgaum	II	15 51	74 31	+0 32	2,562	40	Comilla	II	23 28	91 11	−0 35	37	30

Station.	Class.	φ	λ	Δ_t	H_b	h_a	Station.	Class.	φ	λ	Δ_t	H_b	h_a
		° ′ N	° ′ E	hrs. mins.	ft.	ft.			° ′ N	° ′ E	hrs. mins.	ft.	ft.
Cooch Behar	V	26 20	89 27	—0 28	—	—	Gulmarg	III	34 03	74 24	+0 32	8,569	20
Coonoor	III	11 21	76 48	+0 23	5,730	25	Guna	II	24 39	77 19	+0 21	1,571	23
Cox's Bazar	II	21 27	91 59	—0 38	38	23	Gurdaspur	IV	32 03	75 25	+0 28	—	20
Cuddalore	II	11 46	79 46	+0 11	39	61	Gurez	V	34 38	74 51	+0 30	—	—
Cuddapah	II	14 29	78 50	+0 15	428	30	Gwa	II	17 35	94 35	—0 48	11	23
Cuttack	II	20 29	85 52	—0 13	87	37	Gwador	II	25 08	62 19	—	39	6
Dacca	—	23 43	90 24	—	—	—	Gyantse	III	28 56	89 36	—0 28	13,110	27
Dalbandin	II	28 54	64 25	+1 12	2,780	21	Haka	II	22 39	93 37	—0 44	6,100	21
Dalhousie	V	33 32	75 58	+0 26	—	—	Hambantota	II	06 07	81 08	+0 05	61	11
Daltonganj	II	24 03	84 04	—0 06	725	28	Hanamkonda	II	18 01	79 34	+0 12	877	35
Darbhanga	II	26 10	85 54	—0 14	161	28	Hansi	III	29 07	75 58	+0 26	711	23
Darjiling	III	27 03	88 16	—0 23	7,432	18	Harnai	V	30 06	67 56	+0 58	—	—
Deesa	II	24 14	72 12	+0 41	466	62	Hassan	III	13 00	76 09	+0 25	3,149	34
Dehra Dun	II	30 19	78 02	+0 18	2,239	36	Hazaribagh	II	23 59	85 22	—0 11	2,006	65
Dehri	V	24 55	84 11	—0 07	—	—	Hissar	II	29 10	75 44	+0 27	725	42
Dera Ismail Khan	II	31 49	70 55	+0 46	570	30	Hoshangabad	II	22 46	77 44	+0 19	992	32
Dhubri	II	26 01	89 59	—0 30	115	31	Hyderabad (Begumpet).	II	17 26	78 27	+0 16	1,778	49
Dharampore	V	30 54	77 01	+0 22	—	—	Hyderabad (Sind)	II	25 23	68 25	+0 56	96	26
Diamond Island	II	15 51	94 19	—0 47	41	35	Inchalkaranji	III	16 41	74 31	+0 32	1,795	64
Dibrugarh	II	27 28	94 55	—0 50	348	25	Indore	II	22 43	75 54	+0 26	1,823	29
Dinajpur	II	25 38	88 38	—0 25	123	37	Ispahan	II	32 40	51 44	—	5,817	42
Dohad	III	22 50	74 16	+0 33	1,093	37	Jacobabad	II	28 17	68 29	+0 56	186	43
Dras	III	34 26	75 46	+0 27	10,059	14	Jagdalpur	II	19 05	82 02	+0 02	1,813	26
Drigh Road (Karachi).	I	24 53	67 07	+1 02	73	25	Jaipur	I	26 55	75 50	+0 27	1,431	43
Drosh	III	35 34	71 47	+0 43	4,723	7	Jalgaon	III	21 03	75 34	+0 28	660	—
Dwarka	II	22 22	69 05	+0 54	37	19	Jalpaiguri	II	26 32	88 43	—0 25	271	32
Faridpur	II	23 37	89 51	—0 29	27	43	Jammu	IV	32 44	74 55	+0 30	—	—
Fatehpur	II	25 56	80 50	+0 07	375	33	Jamnagar	III	22 29	70 04	+0 50	60	40
Fort Abbas	II	29 11	72 50	+0 39	475	21	Jamshedpur	III	22 49	86 11	—0 15	423	50
Fort Sandeman	II	31 21	69 27	—0 08	4,614	25	Jask	II	25 45	57 45	—	13	40
Gadag	II	15 25	75 38	+0 27	2,131	32	Jessore	II	23 10	89 13	—0 27	26	39
Gauhati	II	26 11	91 45	—0 37	182	28	Jhansi	II	25 27	78 35	+0 16	824	37
Gaya	II	24 49	85 01	—0 10	372	44	Jiwani	II	25 05	61 48	+1 23	13	7
Gilgit	III	35 55	74 23	+0 32	4,890	33	Jodhpur	I	26 18	73 01	+0 38	780	38
Gopalpur	II	19 16	84 53	—0 10	56	29	Jubbulpore	II	23 10	79 57	+0 10	1,289	35
Gonda	II	27 08	81 58	+0 02	360	34	Kabul	III	34 30	69 13	+0 53	5,955	22
Gorakhpur	II	26 45	83 22	—0 03	257	31	Kalat	III	29 02	66 35	+1 04	6,616	11
Gulbarga	II	17 21	76 51	+0 22	1,503	36	Kalimpong	II	27 04	88 28	—0 24	3,913	22

Station.	Class.	φ	λ	Δ_t	H_b	h_a	Station.	Class.	φ	λ	Δ_t	H_b	h_a
		° ′ N	° ′ E	hrs. mins.	ft.	ft.			° ′ N	° ′ E	hrs. mins.	ft.	ft.
Kanpetlet	II	21 12	94 02	—0 46	6,322	40	Meerut	V	29 01	77 43	+0 19	—	—
Kanker	II	20 16	81 29	+0 04	1,318	43	Mercara	II	12 25	75 44	+0 27	3,781	18
Kargil	IV	34 34	76 08	+0 25	—	—	Mergui	II	12 26	98 36	—1 04	66	38
Karwar	II	14 49	74 08	+0 33	44	22	Meshed	II	36 17	59 36	—	3,104	26
Kashgar	III	39 24	76 07	+0 25	4,296	20	Midnapore	II	22 25	87 19	—0 19	149	28
Katmandu	II	27 42	85 12	—0 11	4,388	24	Minbu	II	20 10	94 53	—0 50	168	33
Khandala	V	18 46	73 22	+0 37	—	—	Minicoy	III	08 18	73 00	+0 38	9	22
Khandwa	II	21 50	76 22	+0 25	1,044	21	Miraj	II	16 49	74 41	+0 31	1,824	30
Khanpur	II	28 39	70 41	+0 47	297	29	Miranshah	III	33 57	70 07	+0 50	3,026	33
Khulna	II	22 49	89 34	—0 28	16	43	Montgomery	II	30 39	73 08	+0 37	558	27
Khushab	II	32 18	72 22	+0 41	612	15	Monywa B?	II	22 06	95 08	—0 51	267	41
Kodaikanal	I	10 14	77 28	+0 29	7,688	42	Motihari	II	26 40	84 55	—0 10	220	30
Kotah	II	25 11	75 51	+0 27	843	31	Mount Abu	II	24 36	72 43	+0 39	3,945	63
Krishnagar	II	23 24	88 31	—0 24	48	45	Muktesar	II	29 28	79 39	+0 11	7,592	14
Kurnool	II	15 50	78 04	+0 18	923	50	Multan	II	30 12	71 31	+0 44	413	50
Kyaukpyu	II	19 26	93 34	—0 44	18	22	Murree	II	33 55	73 23	+0 36	7,082	88
Kyelang	V	32 35	77 04	+0 22	—	—	Muscat	II	23 45	58 35	—	15	39
Lachung	V	27 42	88 45	—0 25	—	—	Mussooree	II	30 27	78 05	+0 18	6,940	29
Lahore	I	31 35	74 20	+0 33	702	26	Muzaffarabad	III	34 22	73 28	+0 36	2,343	28
Las Bela	II	26 14	66 19	+1 05	292	19	Muzaffarpur	V	26 07	85 24	—0 12	—	—
Lashio B	II	22 56	97 45	—1 01	2,802	29	Myitkyina B	II	25 23	97 24	—1 00	476	47
Leh	III	34 09	77 34	+0 20	11,503	25	Mymensingh	II	24 46	90 24	—0 32	62	25
Lucknow	II	26 52	80 56	+0 06	371	31	Mysore	II	12 18	76 42	+0 23	2,518	73
Ludhiana	II	30 56	75 52	+0 27	812	22	Nagpur	II	21 09	79 07	+0 14	1,017	48
Lumding	IV	25 45	93 11	—0 43	—	—	Narayanganj	II	23 37	90 30	—0 32	26	27
Lyallpur	II	31 26	73 06	+0 38	605	44	Naushahro	II	26 51	68 07	+0 58	140	23
Madras	I	13 04	80 15	+0 09	22	73	Naya Dumka	II	24 16	87 15	—0 19	489	23
Madura	II	09 55	78 07	+0 18	463	45	Neemuch	II	24 28	74 54	+0 30	1,626	42
Mahabaleshwar	II	17 56	73 40	+0 35	4,534	28	Negapatam	II	10 46	79 51	+0 11	31	39
Mainpuri	II	27 14	79 03	+0 14	516	28	Nellore	II	14 27	79 59	+0 10	66	45
Malda	II	25 02	88 08	—0 23	108	50	New Delhi	I	28 35	77 12	+0 21	714	24
Malegaon	II	20 33	74 32	+0 32	1,430	26	Nizamabad	III	18 40	78 06	+0 18	1,250	46
Mandalay	II	21 59	96 06	—1 00	252	31	Noakhali	II	22 49	91 07	—0 34	22	45
Mangalore	II	12 52	74 51	+0 31	72	54	Nokkundi Iran?	II	28 49	62 45	+1 19	2,229	11
Manora (Karachi)	II	24 48	66 59	+1 02	13	36	Nowgong	II	25 04	79 27	+0 12	750	28
Marmagao	II	15 25	73 47	+0 35	202	25	Nuwara Eliya	III	06 58	80 46	+0 07	6,170	—
Masulipatam	II	16 11	81 08	+0 05	10	39	Ootacamund	II	11 24	76 44	+0 23	7,364	27
Maymyo	II	22 01	96 28	—0 56	3,546	36	Ormara Iran?	II	25 15	64 39	+1 11	15	7

Station.	Class.	φ	λ	Δ_t	H_b	h_a	Station.	Class.	φ	λ	Δ	H_b	h_a
		° ′ N	° ′ E	hrs. mins.	ft.	ft.			° ′ N	° ′ E	hrs. mins.	ft.	ft.
Pabna . .	IV	24 01	89 16	—0 27	—	—	Sharjah . .	II	25 20	55 24	—	18	30
Pachmarhi . .	II	22 28	78 26	+0 16	3,528	30	Shillong B? .	II	25 34	91 53	—0 38	4,921	28
Pamban . .	II	09 16	79 18	+0 13	37	26	Sholapur . .	II	17 40	75 54	+0 26	1,570	30
Panjgur . .	II	26 58	64 06	+1 14	3,177	13	Sialkot . .	II	32 30	74 32	+0 32	830	28
Parachinar .	II	33 52	70 04	+0 50	5,673	27	Sibi . . .	III	29 33	67 53	+0 58	441	23
Parbhani . .	V	19 16	76 47	+0 23	—	—	Sibsagar . .	II	26 59	94 38	—0 49	317	33
Pasni . .	II	25 16	63 28	+1 16	10	21	Silchar . .	II	24 49	92 48	—0 41	96	23
Patna . .	II	25 37	85 10	—0 11	173	50	Simla . .	II	31 06	77 10	+0 21	7,224	86
Pendra . .	II	22 46	81 54	+0 02	2,040	15	Sirajganj . .	V	24 27	89 45	—0 29	—	—
Peshawar . .	I	34 01	71 35	+0 44	1,164	30	Skardu . .	III	35 18	75 37	+0 28	7,505	17
Poona . .	I	18 32	73 51	+0 35	1,834	24	Sonamarg . .	V	34 19	75 19	+0 29	—	—
*Port Blair .	II	11 40	92 43	—0 41	59/261	45	Sri Ganganagar .	II	29 56	73 57	+0 34	580	27
Puri . . .	II	19 48	85 49	—0 13	20	29	Srimangal . .	II	24 19	91 44	—0 37	69	40
Purnea . .	II	25 46	87 28	—0 20	124	25	Srinagar . .	I	34 05	74 50	+0 31	5,205	60
Quetta . .	II	30 10	67 01	+1 02	5,540	18	Sukkur . .	III	27 42	68 54	+0 54	221	29
Raichur . .	II	16 12	77 25	+0 21	1,311	40	Surat . .	II	21 12	72 50	+0 39	39	63
Raipur . .	II	21 14	81 39	+0 03	970	26	Sutna . .	II	24 34	80 50	+0 07	1,041	34
Rajkot . .	II	22 18	70 50	+0 46	432	31	Table Island .	III	14 11	93 22	—0 43	105	6
Rampur Boalia .	V	24 22	88 36	—0 24	—	—	Tavoy B? . .	II	14 05	98 12	—1 03	19	55
Ranchi . .	II	23 23	85 20	—0 11	2,150	41	Tezpur . .	II	26 37	92 47	—0 41	258	30
Rangoon . .	II	16 46	96 11	—0 55	18	54	Tharrawaddy .	II	17 40	95 48	—0 53	49	36
Rangpur . .	V	25 45	89 15	—0 27	—	—	Thaton B? .	II	16 55	97 22	—0 59	56	38
Ratnagiri . .	II	16 59	73 18	+0 37	207	31	Tinnevelly . .	V	08 44	77 45	+0 19	—	—
Rawalpindi .	II	33 36	73 07	+0 38	1,674	33	Toungoo B? . .	II	18 55	96 28	—0 56	158	51
Razmak . .	IV	32 41	69 50	+0 50	—	—	Trichinopoly .	II	10 49	78 42	+0 15	255	35
Rentichintala .	II	16 33	79 33	+0 12	349	27	Trincomalee .	II	08 35	81 15	+0 05	24	15
Roorkee . .	II	29 51	77 53	+0 18	899	37	Trivandrum .	I	08 29	76 57	+0 22	200	41
Salem . .	II	11 39	78 10	+0 17	913	51	Udaipur . .	V	24 35	73 42	+0 35	—	—
Sabour . .	II	25 14	87 04	—0 18	122	24	Umaria . .	II	23 32	80 53	+0 06	1,506	34
Sambalpur . .	II	21 28	83 58	—0 06	486	18	Vellore . .	II	12 55	79 09	+0 13	703	32
Sandheads . .	II	20 56	88 12	—0 23	28	—	Veraval . .	II	20 53	70 26	+0 48	19	17
Sandoway B? .	II	18 28	94 21	—0 47	28	19	Victoria Point B?	II	09 59	98 35	—1 04	157	6
Satkhira . .	II	22 43	89 05	—0 26	16	25	Vizagapatam .	II	17 42	83 18	—0 03	126	41
Saugor . .	II	23 51	78 45	+0 15	1,808	29	Wana . .	IV	32 18	69 44	+0 51	—	—
Saugor Island .	II	21 39	88 03	—0 22	10	52	Yamethin B? .	II	20 25	96 09	—0 55	644	36
Seistan Iran? .	II	31 02	61 30	—	—	—	Yatung (Chumbi)	IV	27 29	88 55	—0 26	—	—
Seoni . .	II	22 05	79 33	+0 12	2,027	32	Zahidan . .	IV	29 30	60 53	+1 25	—	23
Seychelles . .	II	04 37 S	55 27	+1 48	15	37							

* 8 hrs. observations at surface observatory (old site) height 59 feet; 17 hrs. observations at combined observatory (new site) height 261 feet.

Territorial divisions.—The system of territorial divisions according to which the observatories are grouped and which has been in use since 1912 (with a slight change introduced in 1936 owing to the formation of Orissa into a separate province) is given below. The number of observatories in each of the sub-divisions is given in brackets against the sub-division. The names of the stations in each sub-division can be found from the tables.

Chief political divisions.	Sub-divisions.
	Bay Islands (3).
Burma	Lower Burma (14).
	Upper Burma (10).
Assam	Assam (11).
Bengal	Bengal (32).
Orissa	Orissa (7).
Bihar	Chota-Nagpur (5).
	Bihar (11).
United Provinces	United Provinces, East (8).
	United Provinces, West (10).
Punjab	Punjab, East and North (16).
	Punjab, Southwest (7).
	Kashmir (11).
North-West Frontier Province	North-West Frontier Province (8).
	Baluchistan (13).
Sind	Sind (8).
Rajputana	Rajputana, West (4).
	Rajputana, East (6).
Bombay	Gujarat (11).
	Konkan (5).
	Bombay, Deccan (11).
Central India	Central India, West (4).
	Central India, East (3).
Central Provinces and Berar	Berar (2).
	Central Provinces, West (7).
	Central Provinces, East (5).
Hyderabad	Hyderabad, North (4).
	Hyderabad, South (4).
Mysore	Mysore (6).
Madras	Malabar (5).
	Madras, Southeast (13).
	Madras, Deccan (5).
	Madras Coast, North (5).

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

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

The standard for the measurement of atmospheric pressure in India is the "Calcutta Standard" which is being maintained at the Alipore Observatory, Calcutta. It has generally read about 0·011″ higher than the standard at Kew. On the results of all comparisons made till 1935, it would, however, appear that the present correction of the Calcutta Standard with respect to Kew is —0·009″.

Standard barometers are now being maintained at Poona, Karachi, Calcutta and Bombay for the purpose of standardising barometers before they are issued to any land station or to a ship. 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 correction of the barometers issued to outstations is done at Poona.

The barometers in the case of 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 tables as well as in the list that follows. 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.

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

Temperature.—The large open sided sheds in which thermometers were exposed formerly to protect them from extraneous radiaton (*vide* Annual Report on the Meteorology of India, 1887, p. 37) were replaced 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), by Stevenson Screens, which are less costly and cheaper to maintain. A beginning was made with this policy in 1923 and by the end of the year 1938, sheds were in use only at 6 observatories mostly in Indian States.

The screen adopted for use in India has free inside measurements of about 22″ length, 12″ depth and 16″ height, and is somewhat larger than the pattern approved in 1884 by the Thermometer Screen Committee of the English Meteorological Society and larger too than the "small model" in common use in Germany. It is made of teak wood painted white and has four double louvred sides and a perforated top and bottom. A sloping extra cover of wood protects the top from sun and rain. The door on the north side has 14 louvres and the remaining sides have 16 louvres each.

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

Although observations are recorded twice a day, at 8 hrs. L. M. T. and 17 hrs. I. S. T., at almost all the Indian observatories, the maximum and minimum thermometers are set only once in a day, at the time of the morning observation, and the maximum and minimum temperatures refer to the 24 hours period ending at 8 hrs. local time. The monthly means of these temperatures refer to the month ending at 8 hrs. on the last day of the month.

At the Iranian and Arabian stations which record observations at 4 hrs. and 12 hrs. G. M. T. maximum and minimum thermometers were set at both the hours of observation up to 31st December 1936; maximum temperature entered against any date was that for the 24 hours ending at the afternoon observation hour of that date and the minimum temperature for the 24 hours ending at the morning observation hour. From 1st January 1937, however, these observatories were brought into line with Indian Stations and the maximum and minimum thermometers are also set only once in a day, at the time of the morning observation. The maximum and minimum temperatures, therefore, refer to the 24 hours period ending at 4 hours G. M. T. The monthly means of these temperatures refer to the month ending at 4 hours G. M. 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 and the method of exposure was also altered in 1932. Formerly these thermometers were laid on a thick pad of woollen blanket; but since 1932 they are placed on two wooden forks on a close cropped grass plot so that the bulb of the thermometer is about 1½″ above ground. The radiation minimum temperatures recorded by these thermometers at 13 stations appear in Table VII, in which the depression of these temperatures below the minimum temperature in shade at 4 feet above ground is also given. The normals of the radiation minimum temperature and of its depression below the shade minimum temperature are based on more than 50 years data at Calcutta, Lahore and Bombay, 40 years at Jaipur and Bangalore and about 30 years at Madras and Kodaikanal.

Hours of bright sunshine.—Sunshine recorders were in use at 11 stations. At all the Indian stations the standard Campbell-Stokes pattern sunshine recorder was in use, the Whipple-Casella type of instrument at Kodaikanal being replaced by the standard pattern of instrument on the 17th February 1937.

Surface winds.—Robinson four-cup anemometers of the dial pattern have been in use at Indian Observatories. Since 1930, however, the department has been gradually introducing counter type anemometers remodelled at the departmental workshop at Poona from old dial pattern anemometers.

All anemometers issued up to the end of 1931 were compared before issue with the standard Beckley anemograph at the Alipore Observatory. Up to 1911 the factor representing the ratio of air movement to travel of Beckley cups had in India, as in other countries, been taken 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 by the National Physical Laboratory, Teddington, England, and has also been compared with the Beckley anemograph at Alipore. However, as only instruments with small corrections are issued and as it is impracticable to prevent always slight alterations in exposure resulting from growth of trees or erection of buildings, it has been considered unnecessary to apply any correction to the observed values.

The wind data published consist of the mean hourly air movement as registered by Robinson 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. The resultant direction wherever given is calculated by the use of Lambert's formula in which equal weight is given to each wind observation irrespective of velocity.

The hourly velocities at 11 stations equipped with Beckley's or Dines' P. T. anemographs are given in Table VIII.

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

Rainfall.—Symons' raingauges with funnels of 5″ diameter are now used at all raingauge stations, with the exception of those in Mysore and Travancore where raingauges of local make having funnels of 4·7″ diameter are in general use. At most of the departmental raingauge stations new rain-measuring glasses made according to specification drawn up by this department and tested at Poona have been introduced. The time of measuring rainfall is 8 hrs. local time, throughout India, and the amounts then registered give the rainfall of the previous 24 hours.

The rainfall data for each province are generally tabulated in the office of the provincial officers controlling registration of rainfall in the province, and published in the provincial gazettes. The data of Baluchistan, Rajputana, Central India, Eastern States and States in the Bombay Presidency are, however, published by the Meteorological Office, Poona. These provincial tables are collected together and are issued annually in a separate volume entitled "Rainfall of India". The forty-eighth volume, that of 1938, contains the whole rainfall data of over 3,200 stations which are utilised in preparing Tables X to XV

on pages A44 to A53. In these provincial tables and in the rainfall observations at the meteorological observatories published in this volume a "rainy day" is taken to be one on which 0·10 inch or more of rain is recorded.

Autographic Instruments.—In addition to the eye reading instruments, autographic instruments are maintained at all Class I stations, and a few other observatories. The following is a complete list of such stations with the autographic instruments maintained at each station. The symbols adopted to denote different instruments are shown below.

W=Anemograph
B=Barograph
U=Hygrograph
T=Thermograph
R=Self-recording Raingauge
⊙=Sunshine Recorder.

Station.	Autographic Instruments.						Station.	Autographic Instruments.					
Agra	W	B	U	T	R	⊙	Karachi (Drigh Road)	W	B	U	T	R	⊙
Akyab		B	U	T	R		Kodaikanal	W	B	U	T	R	⊙
Allahabad (Bamrauli)		B	U	T	R		Kyaukpyu		B				
Alibag		B		T			Lahore	W	B	U	T	R	⊙
Amherst		B					Madras	W	B	U	T	R	⊙
Bahrain		B		T			Madras (Port Trust)	W					
Bangalore	W	B		T	R	⊙	Mahabaleshwar					R	
Barmer		B		T			Mangalore		B				
Baroda	W	B					Masulipatam		B				
Bhopal		B		T			Mergui		B				
Bombay	W	B	U	T	R	⊙	Negapatam		B				
Calcutta	W	B	U	T	R	⊙	Pamban		B				
Car Nicobar		B					Parbhani				T		
Cherrapunji					R		Peshawar	W	B	U	T	R	
Chittagong					R		Poona	W	B	U	T	R	⊙
Cocanada		B					Port Blair		B				
Cochin		B					Puri		B				
Dacca	W	B		T	R		Quetta		B		T		
Diamond Island		B					Saugor Island	W	B		T	R	
Gaya		B		T	R		Seychelles		B			R	
Gopalpur		B					Sharjah		B		T		
Gwa		B					Sriniketan	W			T		
Jaipur	W	B		T	R	⊙	Srinagar		B				⊙
Jamshedpur	W	B		T			Tezpur	W			T		
Jiwani		B		T			Trivandrum	W	B		T	R	⊙
Jodhpur		B	U	T	R	⊙	Veraval		B				
							Vizagapatam	W	B				

Tables.—Tables I to V in the Annual Summary, Part A, corresponding to Tables I to V in the Monthly Weather Report, contain the annual means of stations whose monthly data have appeared in the Monthly Weather Reports.

Table II-A is similar to Table II and contains the monthly and annual means of those stations which could not be included in the Monthly Weather Report.

Table VI gives the monthly and annual means of observations recorded at 12-30 hrs. I. S. T. at 15 first class stations. This also contains the daily means of pressure, temperature, humidity and vapour tension which have appeared in Table D-1 up to 1932. The daily means of pressure, humidity and vapour tension data given in this table have been obtained from the means of 8 hrs. L. M. T., 12-30 hrs. and 17 hrs. I. S. T., and those of temperature from the means of maximum and minimum temperatures by the application of appropriate corrections, derived from the available hourly observations, to reduce them to true mean of the day. The daily means of Kodaikanal are those obtained from the hourly records of self-recording instruments corrected by eye readings. The daily means and 12-30 hrs. I. S. T. data of Bombay, with the exception of cloud, are taken from autographic charts.

Table VII gives the abstract of hours of bright sunshine and nocturnal radiation minimum temperature at 13 stations.

Table VIII gives the mean hourly wind velocity at 11 stations equipped with anemographs. The heights of anemometer cups or their heads above ground are given in brackets against each station.

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

Tables X to XIV give the divisional and sub-divisional means of rainfall, derived from the records at over 3,200 rainfall-recording stations and Table XV gives heavy falls of 10″ and above in 24 hours at these stations.

Normals.—The normals used for comparison in Tables I to V and X to XIV are based mostly upon all the available data down to 1920. In some cases, the data up to 1930 have been used, while, at certain stations with short period data, normals have been derived by comparison with neighbouring stations having long period normals.

In Table VI normal values derived from all available data up to 1899 as published in the Indian Meteorological Memoirs, Vol. XVII, have been used. The normals of Bombay are those published in the Climatology of Bombay and are based on hourly data up to 1920. Those of Kodaikanal are based on 11 years hourly data from 1901 to 1911.

The data of stations under the administrative control of the Meteorological Offices at Calcutta, Karachi and Poona are scrutinised and supplied by the respective centres.

INDIA WEATHER REVIEW, 1938

ERRATA

TABLE OF CORRECTIONS TO BE APPLIED TO DATA IN THE TABLES II, III AND IV OF THE MONTHLY WEATHER REPORTS FOR 1938.

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

Station. 1	Column. 2	Correction. 3	Period. 4	Station. 1	Column. 2	Correction. 3	Period. 4
Bidar . .	2 and 3.	+0·3.	Jan. to Mar.	Karachi (Drigh Road).	2.	—4.	Jan. to Dec.
Bikaner . .	2.	Insert 734.	Do.				
Brahmanbaria .	3 and 5.	Reject data.	Oct. to Dec.	Masulipatam .	24, 25 and 26.	Reject data.	Oct. to Dec.
				Multan . .	10 and 11.	+0·6.	June and July.
Calcutta . .	2.	—1.	Jan. to July.				
Chanda . .	3, 4 and 5.	+·004.	Jan. to April.	Nagpur . .	10 and 11.	+0·4.	Jan. to March.
Cherrapunji .	14 and 15.	—0·3.	Jan. to March.	New Delhi .	34.	Reject data.	April to Dec.
Chittagong .	6 and 7.	—0·5.	Jan. to Sept.	Noakhali .	28 and 32.	Do.	Jan. to Nov.
Deesa . .	14 and 15.	—0·3.	Do.	Do. .	3, 4 and 5.	+·007.	Aug. to Dec.
Do. . .	16 and 17.	+0·2.	Do.	Nowgong .	3, 4 and 5.	+·004.	Jan. and Feb.
Fort Abbas .	2.	Insert 475.	Jan. and Feb.				
Fort Sandeman .	3 and 4.	+·005.	Jan. to May.	Rajkot . .	3, 4 and 5.	—·004.	Jan. to Sept.
				Ranchi . .	2.	—2.	Jan. to Nov.
Gauhati . .	2.	—14.	Jan. to Sept.	Do. . .	4.	—·002.	Jan. to April.
Do. . .	3, 4 and 5.	+·011.	Jan. to June.	Do. . .	4.	—·002.	June to Nov.
Do. . .	10 and 11.	—0·3.	Do.				
Gaya . .	14 and 15.	—0·2.	Jan. to Oct.	Salem . .	3, 4 and 5.	+·005.	Jan. to May.
Hambantota .	3, 4 and 5.	+·011.	Jan. to Aug.	Satkhira . .	2.	Insert 16.	Jan. to July.
Do. .	3, 4 and 5.	+·024.	Sept. to Dec.	Seoni . .	35 to 52.	Reject data.	Jan. to Dec.
Inchalkaranji .	3.	—·013.	Jan. to April.				
				Umaria . .	2.	+6.	Jan. to March.
Jammu . .	2 to 5.	Reject data.	July to Dec.	Do. . .	35 to 52.	Reject data.	June to Dec.
Jamnagar . .	3 and 4.	+·006.	Jan. to Sept.				
Do. . .	10 and 11.	+0·3.	Do.	Veraval . .	3, 4 and 5.	—·003.	Jan. to Aug.
Jamshedpur .	3.	+·016.	Jan. to March.	Do. . .	16 and 17	—0·5.	Jan. and Feb.

Reference. 1	Column. 2	Replace the existing figures, if any, by 3
JANUARY.		
Pages 4-5.		
*Port Blair . .	16, 18, 19, 21 and 22.	74·9, ·799, +·019, 78 and —2.
Mandalay . .	7, 11, 19, 22 and 34.	+0·9, +0·2, —·004, +9 and —0·9.
Lashio . . .	24 and 25.	3·3 and —0·3.
Sibsagar . .	31 and 32.	7 and +3·4.
Chittagong . .	8 and 9.	85 ; 26, 29.
Jessore . .	14.	62·1.
Pages 6-7.		
Gaya . . .	10, 11, 33 and 34.	55·5, +3·9, 3·1 and +1·0.
Agra . . .	8.	77.
Pages 8-9.		
Fort Sandeman .	25.	+0·8.
Quetta . . .	25.	+1·9.
Chaman . .	25.	—0·2.
Pasni . . .	25.	+2·0.
Panjgur . .	25.	+1·4.
Bikaner . .	4.	+·009.
Veraval . . .	18 to 23.	·243, —·097, ·563, 39, —15 and 61.
Dohad . . .	3.	28·866.
Page 10.		
Nagpur . . .	13.	2.
Pages 12-13.		
Madras . . .	34.	+0·7.
Cherrapunji . .	18, 19, 21 and 22.	·301, +·023, 75 and +3.
Pachmarhi . .	3, 4 and 5.	26·517, +·008 and 26·448.
Page 14.		
Bandar Abbas .	2.	29.
Zahidan . .	17.	2·78.
FEBRUARY.		
Pages 20-21.		
Mandalay . .	7, 11, 19, 22, 28 and 34.	—0·8, —0·8, +·033, +18, —0·08 and —1·0.
Page 22.		
Chandbali . .	13.	20, 22.
Gaya . . .	18, 19, 20 and 23.	·346, —·030, ·408 and 46.

Reference. 1	Column. 2	Replace the existing figures, if any, by 3
FEBRUARY—*contd.*		
Pages 24-25.		
Skardu . .	14, 16, 18, 19, 21 and 22.	13·3 (i), 12·0 (i), ·066, —·045, 79 (i) and —10.
Quetta . . .	25.	+1·7.
Dalbandin . .	25.	—0·3.
Nokkundi . .	23.	32.
Pasni . . .	25.	—1·8.
Bikaner . .	4.	+·012.
Veraval . . .	18 to 23.	·295, —·091, ·520, 44, —15 and 55.
Footnote.—Insert "(i) mean of 22 days."		
Page 26.		
Nagpur . . .	13.	12, 20.
Pages 28-29.		
Madras . . .	34.	+0·8.
Cherrapunji . .	18 to 20 and 23.	·236, —·050, ·280 and 60.
Pages 30-31.		
Muscat . .	16 to 18, 20, 21 and 23.	65·3, ·69·8 ·576, ·698, 85 and 86.
MARCH.		
Pages 36-37.		
Toungoo . .	24 and 25.	2·3 and —0·6.
Mandalay . .	7, 11, 19, 22 and 25.	+0·5, +3·6, +·028, +6 and +0·7.
Pages 38-39.		
Darbhanga . .	34.	—0·6.
Gaya . .	18 and 19.	·321 and —·112.
Pages 40-41.		
Chaman . .	25.	+0·5.
Dalbandin . .	25.	—0·5.
Panjgur . .	25.	—0·3.
Karachi (Drigh Road).	10.	64·4.
Bikaner . .	4.	—·075.
Page 42.		
Hoshangabad .	3.	28·819.
Nagpur . . .	12.	59.

Reference. 1	Column. 2	Replace the existing figures, if any, by 3
MARCH—*contd.*		
Pages 44-45.		
Pamban . .	27 and 28.	5·81 and +5·28.
Vellore . .	5.	29·004.
Cherrapunji . .	18 to 23.	·470, +·116, ·430, 86, +17 and 70.
Trincomalee . .	27, 28, 31 and 32.	6·75, +5·13, 9 and +6·6.
APRIL.		
Page 53.		
Yamethin . .	26.	3·5.
Pages 54-55.		
Jamshedpur . .	3.	29·336.
Darbhanga . .	34.	—1·5.
Gaya . . .	18 to 20 and 24 to 26.	·439, —·129, ·412, 1·2, —0·6 and 1·5.
Page 56.		
Bikaner . .	4.	+·015.
Page 59.		
Jalgaon . . .	24.	1·8.
Pages 60-61.		
Cherrapunji . .	14, 18, 19 and 21 to 23.	68·3, ·485, +·002, 71, —13 and 67.
Hambantota .	27 to 29.	5·20, +1·88 and 1·64.
MAY.		
Page 68.		
Kyaukpyu . .	3 and 4.	29·668 and —·059.
Page 70.		
Chandbali . .	9.	20.
Ranchi . .	3 and 4.	27·474 and —·068.
Hazaribagh . .	16.	73·9.
Multan . .	10 and 11.	82·5 and +5·4.
Page 76.		
Muktesar . . .	15.	68·1.
Page 78.		
Pabna . . .	Omit the figures in columns 4 and 5.	

Reference. 1	Column. 2	Replace the existing figures, if any, by 3
JUNE.		
Page 86.		
Gaya . . .	18, 19 and 23.	·901, —·002 and 60.
Multan . .	12.	72.
Page 89.		
Chhor . . .	Omit the figures in columns 27, 29 and 31.	
Pages 90-91.		
Neemuch . .	27 and 28.	8·30 and +3·88.
Nowgong . .	8 and 9.	109 and 1.
Page 93.		
Mount Abu . .	34.	—1·6.
Page 94.		
Charbar . .	3.	29·964.
JULY.		
Pages 100-101.		
Sibsagar . .	25.	+0·9.
Chittagong . .	8 and 9.	89 ; 1, 23.
Page 102.		
Gaya . . .	18 to 20.	·968, +·032 and ·981.
Multan . .	13.	27.
AUGUST.		
Page 116.		
Chittagong . .	8 and 9.	89 ; 26, 27, 28.
Page 118.		
Darbhanga . .	14.	83·2.
Agra . . .	3 and 8.	29·003 and 99.
Page 120.		
Jodhpur . .	23.	57.
Page 127.		
Muzaffarpur . .	6.	4.
SEPTEMBER.		
Pages 132-133.		
Akyab . . .	3 and 4.	29·713 and —·013.
Minbu . . .	27, 28, 31 and 32.	12·14, +5·94, 9 and —0·6.
Sibsagar . .	13.	15, 21, 22.
Page 134.		
Gaya . .	20.	·920.
Khushab . .	12.	58.

Reference. 1	Column. 2	Replace the existing figures, if any, by 3
SEPTEMBER—*contd.*		
Page 136.		
Gwador . . .	17.	79·6.
Page 138.		
Poona . . .	3, 4 and 5.	27·943, —·021 and 27·843.
OCTOBER.		
Pages 148-149.		
Bassein . . .	3, 4 and 5.	29·796, —·044 and 29·716.
Gwa . . .	38.	13.
Bhamo . .	12.	60.
Myitkyina .	12.	59.
Page 150.		
Purnea . .	6.	90·8.
Gaya . . .	18 to 20 and 23.	·696, +·006, ·662 and 52.
Ambala . . .	13.	23, 24.
Bahawalpur . .	18 and 20.	·456 and ·495.
Page 159.		
Lachung . .	3 to 8.	4·38, +0·39, 0·53, 11, 13 and +3·2.

Reference. 1	Column. 2	Replace the existing figures, if any, by 3
NOVEMBER.		
Pages 164-165.		
Dibrugarh . .	37.	13.
Tezpur . .	9.	7 days.
Page 168.		
Peshawar . .	5.	28·758.
Page 170.		
Nagpur . . .	3, 16, 18 and 19.	28·953, 58·9, ·386 and —·028.
Page 172.		
Murree . .	3 and 5.	23·256 and 23·229.
DECEMBER.		
Page 192.		
Kyclang . .	3 to 8.	0·36, —0·66, 0·18, 21, 2 and —0·6.

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INDIA WEATHER REVIEW, 1938

Monthly Weather Report

January

Published by authority of the Government of India

Summary.—Western disturbances caused abundant rainfall over most of northern and central India. In the Peninsula the month was practically dry.

Eight western disturbances entered India during the month as set out below:—

Western disturbances.			Precipitation.			Remarks.
No.	Period.	Course.	Region.	Nature of precipitation.	Period.	
...	3rd ...	Northeastwards across western Himalayas.	(1) Western Himalayas, North-West Frontier Province.	Fairly widespread rain or snow.	1st ...	This is the last disturbance of December continuing into January. At the rear of this disturbance a cold wave started in Baluchistan and gradually spread over the whole of northwest India by the 3rd and persisted in Sind, north Gujarat, and west Rajputana up to the 5th, in Baluchistan up to the 7th and in Kashmir up to the 8th.
			(2) Kashmir ...	A few falls of rain or snow.	2nd, 3rd.	
1	4th to 6th ...	Northwest frontier, eastwards across western Himalayas.	(1) Region from southeast Punjab and United Provinces to Berar.	Local thunderstorms ...	4th.	
			(2) Western Himalayas...	Local rain or snow ...	5th.	
			(3) North-West Frontier Province, east United Provinces, Central India, west Central Provinces.	A few light showers ...		
2	7th to 10th.	Eastwards across extreme north.	Kashmir ...	A few light showers ...	8th, 9th, 10th.	
3	10th to 17th.	Northwest frontier, eastwards through Punjab and central parts of country across northeast India.	(1) Kashmir ...	Local rain or snow ...	11th.	This disturbance while moving eastwards gave rise to two areas of low pressure on the 14th morning—one over the Punjab and the other over the central parts of the country. The former of these passed away eastwards across the western Himalayas and the latter moved eastwards through northeast India by the 17th. At the rear of this disturbance a cold wave affected the northwest frontier and Kashmir on the 13th, 14th and 15th.
			(2) Northwest frontier ...	A few falls of rain or snow.		
			(3) Northwest frontier ...	Many showers of rain or snow.	12th.	
			(4) Along and near western Himalayas.		12th to 15th.	
			(5) Region from Central India and Central Provinces to Assam.		13th to 17th.	
4	15th to 18th.	Northwest frontier, eastwards across western Himalayas.	Region from northwest frontier to western Himalayas.	Local showers of rain or snow.	16th to 18th ...	Before passing away across the western Himalayas the disturbance developed into a trough of low pressure over the Punjab on the 18th.
5	21st to 23rd.	Baluchistan, eastwards through United Provinces.	United Provinces ...	Scattered thunderstorms, almost dry.	22nd ...	A feeble disturbance.

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Western disturbances.			Precipitation.			Remarks.
No.	Period.	Course.	Region.	Nature of precipitation.	Period.	
6	23rd to 26th.	Northwest frontier, eastwards through northern India.	(1) Region from northwest frontier to Bihar. (2) Central parts of country.	Fairly widespread rainfall.	24th, 25th.	Lay as a low pressure area over the southeast Punjab and east Rajputana on the 25th before moving away *eastwards*.
7	25th to 27th.		(1) Baluchistan ...	A few light showers ...	25th.	
			(2) Region from northeast Baluchistan to Kashmir.	Fairly widespread rain or snow.	26th.	
			(3) Southwest Punjab, Mekran.	A few showers ...		
			(4) Kashmir, and Punjab hills.	Local rain or snow ...	27th.	
8	27th ...	North Arabian Sea and Baluchistan, eastwards across the country.	(1) Baluchistan ...	Local falls of rain or snow.	28th.	Travelled as a low pressure area from the Oman-Mekran coast through the north Arabian Sea eastwards across the country temporarily deepening into a depression while over west Central India on the 31st.
			(2) North-West Frontier Province, Kashmir.	Light showers ...		
			(3) Region from Baluchistan and Sind to western Himalayas.	Widespread rain ...	29th, 30th.	
			(4) Region from north Central Provinces to central and western Himalayas.	Fairly widespread rain ...	31st.	

Besides the rainfall due to western disturbances, northeast and central India had occasional showers associated with thunderstorms. Scattered thundershowers occurred also in southeast Madras on a few days, the rest of the Peninsula receiving no rain during the month.

In contrast to the cold waves mentioned in the table of western disturbances, spells of unusually warm nights were frequently experienced over the region from the north Deccan to Bengal. Temperatures were also considerably above normal in Baluchistan from the 10th to the 12th and over most of northwest India on the last two nights of the month.

The total rainfall of the month was in large excess in Assam, Chota Nagpur, the United Provinces, the east and north Punjab, Kashmir, Baluchistan and east Central India, in moderate excess in the west Central Provinces, normal in Bihar, east Rajputana and the east Central Provinces, in slight defect in Sind, in moderate defect in Bengal, Orissa, the southwest Punjab and the North-West Frontier Province and in large defect elsewhere. Averaged over the plains of India the month's rainfall was in excess by 6 per cent.

Both mean maximum and mean minimum temperatures were above normal in Bengal, Orissa, Bihar, Berar, the Central Provinces, the Bombay Deccan and Hyderabad and the mean minimum alone in Assam, Chota Nagpur, the east United Provinces, east Central India, southeast Madras and the Madras Deccan. Mean maximum temperature was, on the other hand, below normal in the west United Provinces, the Punjab, Kashmir, the North-West Frontier Province, Baluchistan, Sind and east Rajputana.

The mean relative humidity was in excess in Chota Nagpur, the west United Provinces, the North-West Frontier Province and east Central India and in defect in the Bay Islands, Gujarat and the Bombay Deccan.

The mean cloud amount was above normal in Bengal, Orissa, Chota Nagpur, the United Provinces, the Punjab, Kashmir, Baluchistan, Sind, Rajputana, Gujarat, Central India, Berar, the west Central Provinces, Malabar, southeast Madras and the Madras Deccan and below normal in the east Central Provinces.

Table I contains the divisional and sub-divisional means of rainfall, temperature, humidity and cloud for the 16 chief political divisions and the 33 sub-divisions; these means are based on the observations at the stations whose monthly mean data are given in the subsequent tables.

POONA No. 5:
The 4th April 1938.

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

TABLE I—DIVISIONAL AND SUB-DIVISIONAL MEANS—JANUARY 1938

	Rainfall.				Departure from normal of				
							8 hrs. L. M. T.		
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Vapour pressure.	Relative humidity.	Cloud.
1	2	3	4	5	6	7	8	9	10
Division	"	"	"		°	°	"	%	
1. Burma ...	0·20	0·20	0	0	+0·4	+2·3	+·027	0	+0·9
2. Assam ...	1·34	0·73	+0·61	+84	+0·6	+2·2	+·030	+1	+0·5
3. Bengal ...	0·26	0·35	−0·09	−26	+2·4	+2·8	+·040	−1	+0·7
4. Orissa ...	0·20	0·37	−0·17	−46	+2·0	+3·3	+·075	+4	+1·3
5. Bihar ...	0·74	0·58	+0·16	+28	+2·0	+2·7	+·061	+4	+0·8
6. United Provinces.	1·58	0·94	+0·64	+68	−0·8	+1·8	+·028	+6	+2·9
7. Punjab ...	1·41	1·05	+0·36	+34	−2·8	+0·1	−·001	+1	+1·8
8. North-West Frontier Province.	0·70	1·03	−0·33	−32	−3·5	−1·9	+·025	+12	+0·6
Sub-division									
1. Bay Islands ...	0·53	1·63	−1·10	−67	−2·0	+1·7	−·023	−6	−0·5
2. Lower Burma ...	0·19	0·21	−0·02	−10	+0·7	+2·9	+·023	−2	+1·0
3. Upper Burma ...	0·23	0·19	+0·04	+21	−0·1	+1·4	+·035	+2	+0·6
4. Assam ...	1·34	0·73	+0·61	+84	+0·6	+2·2	+·030	+1	+0·5
5. Bengal ...	0·26	0·35	−0·09	−26	+2·4	+2·8	+·040	−1	+0·7
6. Orissa ...	0·20	0·37	−0·17	−46	+2·0	+3·3	+·075	+4	+1·3
7. Chota Nagpur ...	1·29	0·75	+0·54	+72	+1·0	+2·7	+·077	+9	+1·9
8. Bihar ...	0·54	0·52	+0·02	+4	+2·6	+2·6	+·049	+1	0
9. United Provinces, East.	1·21	0·72	+0·49	+68	+0·6	+2·7	+·025	+4	+2·4
10. Do. do. West.	1·90	1·14	+0·76	+67	−2·0	+0·9	+·031	+8	+3·3
11. Punjab, East and North.	2·31	1·50	+0·81	+54	−3·1	+0·7	+·020	+5	+2·4
12. Do. Southwest.	0·35	0·53	−0·18	−34	−2·3	−0·9	−·031	−4	+0·8
13. Kashmir ...	4·92	2·73	+2·19	+80	−5·3	−0·2	0	+2	+1·3
14. North-West Frontier Province.	0·70	1·03	−0·33	−32	−3·5	−1·9	+·025	+12	+0·6
15. Baluchistan ...	2·29	1·12	+1·17	+104	−2·3	+1·4	−·013	0	+1·0
16. Sind ...	0·23	0·29	−0·06	−21	−3·6	−0·6	−·038	−5	+2·7
17. Rajputana, West.	0	0·14	−0·14	−100	−1·9	+0·7	−·008	0	+1·6

	Rainfall.				Departure from normal of				
							8 hrs. L. M. T.		
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Vapour pressure.	Relative humidity.	Cloud.
1	2	3	4	5	6	7	8	9	10
Division—*contd.*	"	"	"		°	°	"	%	
9. Sind ...	0·23	0·29	−0·06	−21	−3·6	−0·6	−·038	−5	+2·7
10. Rajputana ...	0·25	0·27	−0·02	−7	−2·5	−0·5	+·001	0	+2·4
11. Bombay ...	0	0·10	−0·10	−100	+0·6	+0·4	−·041	−8	+0·7
12. Central India ...	1·10	0·50	+0·60	+120	+0·5	+1·7	+·026	+3	+1·8
13. Central Provinces and Berar.	0·49	0·48	+0·01	+2	+3·0	+4·7	+·055	+2	+0·9
14. Hyderabad ...	0	0·26	−0·26	−100	+2·8	+4·1	+·024	−1	−0·2
15. Mysore ...	0	0·18	−0·18	−100	+1·8	+1·7	+·001	0	+0·1
16. Madras ...	0·07	0·77	−0·70	−91	+0·4	+1·8	+·014	−1	+1·0
Mean of India (excluding Burma).	0·55	0·52	+0·03	+6	+0·2	+1·7	+·017	0	+1·3
Sub-division—*contd.*									
18. Rajputana, East.	0·31	0·30	+0·01	+3	−2·8	−0·9	+·004	0	+2·9
19. Gujarat ...	0·01	0·08	−0·07	−87	−1·8	−1·7	−·075	−10	+1·3
20. Central India, West	0·05	0·25	−0·20	−80	+0·7	+1·8	−·012	−3	+1·7
21. Do. do. East.	2·15	0·75	+1·40	+187	+0·3	+2·1	+·064	+9	+1·9
22. Berar ...	0·13	0·39	−0·26	−67	+2·9	+5·5	+·057	+3	+0·8
23. Central Provinces, West.	0·65	0·51	+0·14	+27	+2·7	+4·8	+·064	+5	+1·9
24. Do. do. East.	0·45	0·48	−0·03	−6	+3·7	+4·2	+·040	−3	−0·5
25. Konkan ...	0	0·08	−0·08	−100	+0·5	+0·7	−·003	−2	−0·2
26. Bombay Deccan...	0	0·14	−0·14	−100	+3·1	+3·3	−·009	−7	+0·3
27. Hyderabad, North	0	0·31	−0·31	−100	+2·4	+5·4	+·003	−5	−0·4
28. Do. South	0	0·21	−0·21	−100	+3·1	+3·2	+·040	+1	−0·1
29. Mysore ...	0	0·18	−0·18	−100	+1·8	+1·7	+·001	0	+0·1
30. Malabar ...	0	0·47	−0·47	−100	+1·4	+1·1	−·015	−5	+0·6
31. Madras, Southeast	0·15	1·20	−1·05	−87	+0·3	+2·0	−·002	−1	+1·4
32. Do. Deccan...	0	0·27	−0·27	−100	+0·2	+2·0	+·027	−1	+1·2
33. Do. Coast, North	0	0·57	−0·57	−100	−0·1	+1·8	+·057	+4	+0·4

TABLE II—ABSTRACT OF OBSERVATIONS RECORDED AT

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Relative humidity %		
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16.	17	18	19	20	21	22	23
Bay Islands																						
*Port Blair	... 59/261	29·868	− ·003	29·600	84·1	− 2·0	86	9, 30	77·3	+1·7	74	4, 5, 6	80·0	79·1	74·9	73·7	·799	+.019	·764	78	− 2	76
Lower Burma																						
Victoria Point	... 157	29·775	+ ·009	29·700	85·3	− 1·4	89	19,20,26	74·9	+1·5	69	13	76·8	80·2	72·1	73·2	·723	0	·716	79	+ 1	71
Mergui	... 66	29·884	+ ·008	29·785	86·3	− 1·6	91	23, 26	72·8	+4·7	66	14	74·1	81·7	70·0	74·2	·678	− ·023	·737	81	− 1	69
Tavoy	... 19	29·937	0	29·845	90·6	+ 1·3	95	23,27,31	68·4	+3·5	59	14	73·3	80·1	69·7	72·9	·685	+ ·037	·716	83	− 4	70
Amherst	... 71	29·896	− ·003	29·803	87·0		91	18	70·5		65	10, 13	73·7	79·9	69·0	73·3	·647		·722	78		72
Rangoon	... 18	29·945	− ·007	29·857	90·4	+ 1·8	95	28, 30	67·8	+2·9	63	17, 22	71·1	82·6	66·7	70·9	·600	+ ·025	·602	79	− 3	54
Tharrawaddy	... 49	29·932		29·839	87·1		93	29	61·4		55	21, 22	66·9	77·4	65·2	71·2	·596		·676	91		72
Bassein	... 20	29·959	+ ·008	29·874	87·3	+ 1·5	93	29	64·6	+1·7	60	1, 2, 3	70·3	81·3	67·2	71·3	·620	+ ·028	·623	85	< 2	60
Diamond Island	... 41	29·915	− ·007	29·839	83·3	− 0·3	86	29	74·1	+2·6	72	9, 14, 18	75·9	78·4	71·4	72·9	·697	+ ·028	·736	79	+ 5	76
Gwa	... 11	29·956		29·879	83·4		87	13, 29	61·2		56	21,22,31	66·1	80·2	64·5	71·4	·596		·636	91		63
Sandoway	... 28	29·954		29·875	87·5		91	25,26,27	57·8		51	23	66·0	76·7	63·9	70·7	·569		·676	89		73
Toungoo	... 158																					
Kyaukpyu	... 18	29·964	+ ·004	29·881	80·6	+ 1·5	83	1, 22, 26	67·0	+3·4	63	24,27,28	72·4	76·7	68·8	69·1	·660	+ ·046	·607	82	− 2	67
Akyab	... 29	29·973	+ ·013	29·891	82·6	+ 1·8	86	1, 2	61·3	+2·0	56	31	66·5	75·4	63·6	68·2	·555	+ ·046	·596	84	− 4	68
Upper Burma																						
Minbu	... 168	29·848	+ ·011	29·728	83·5	− 0·6	90	29	58·6	+0·9	53	20	64·7	79·6	60·9	66·8	·482	+ ·044	·486	78	+ 4	48
Yamethin	... 644	29·841	+ ·013	29·739	83·9	− 1·3	89	29, 30	57·7	+1·5	52	23	63·9	74·9	60·8	67·9	·509	+ ·060	·590	88	+ 8	69
Mandalay	... 252	29·764	+ ·017	29·668	82·6	+ 0.9	87	28, 29	55·1	+0.2	50	4	61·0	75·7	58·9	65·8	·472	−.004	·504	88	+9	57
Monywa	... 267	29·764	+ ·002	29·647	83·7	+ 1·4	88	29	58·6	+1·4	56	13,14,21	62·9	76·4	60·7	66·3	·509	+ ·015	·504	87	+ 2	57
Lashio	... 2,802	27·189	+ ·019	27·088	73·1	− 0·6	77	4 days	47·2	+1·1	42	3, 14, 22	52·6	62·5	51·2	57·7	·356	+ ·011	·424	90	− 2	75
Bhamo	... 386	29·638	+ ·014	29·534	75·0	− 0·9	81	29	50·6	+1·8	43	3, 4	55·7	66·8	54·7	62·8	·419	+ ·029	·521	94	− 2	79
Myitkyina	... 476	29·547	− ·005	29·444	75·7	+ 1·2	80	28	51·4	+1·6	46	5	55·9	68·8	54·6	63·3	·412	+ ·019	·501	92	+ 2	73
Assam																						
Dibrugarh	... 348	29·701	+ ·005	29·606	71·1	− 0·2	78	26	51·1	+1·2	45	2, 3	54·0	63·1	53·7	59·0	·410	+ ·024	·446	98	+ 2	78
Sibsagar	... 317	29·716	− ·003	29·621	72·4	+ 2·4	79	28	50·3	+0·6	45	3	54·4	65·1	53·9	61·0	·410	+ ·011	·432	98	0	79
Tezpur	... 258	26·790	− ·002	29·688	75·8	+ 2·2	80	26, 27	54·4	+2·0	51	5 days	57·4	66·1	55·5	60·7	·406	+ ·008	·462	89	− 4	72
Gauhati	... 196	29·842	− ·022	29·735	75·9	+ 1·3	81	27, 28	54·1	+3·4	49	2, 31	57·5	69·8	56·7	62·6	·451	+ ·032	·491	95	0	65
Dhubri	... 115	29·931	+ ·013	29·829	73·3	− 0·5	82	27	55·3	+2·2	51	30	58·7	70·1	57·3	61·6	·445	+ ·029	·441	91	+ 1	59
Silchar	... 96	29·943	+ ·007	29·843	78·8	+ 0·9	82	6 days	55·6	+3·1	51	22, 30	58·5	69·9	57·7	63·9	·468	+ ·035	·515	95	+ 5	70
Srimangal	... 69	29·960	− ·005	29·868	79·1	− 1·5	83	2, 26, 27	50·6	+2·8	45	9, 30	59·1	69·7	57·8	64·6	·462	+ ·071	·549	92	0	75
Bengal																						
Cox's Bazar	... 38	29·970	+ ·012	29·883	81·4	+ 1·8	86	3	58·6	+1·8	54	31	69·3	73·7	63·5	65·8	·495	+ ·004	·531	71	−14	65
Chittagong	... 87	29·929	+ ·005	29·845	82·3	+ 3·9	88	29,26	57·9	+2·7	54	31	62·9	73·6	60·2	65·5	·491	+ ·021	·509	84	−14	63
Noakhali	... 22	29·988	− ·007	29·898	80·2	+ 2·3	84	3	61·3	+3·8	58	5, 30, 31	65 0	74·5	61·7	65·7	·508	+ ·047	·518	82	− 6	60
Comilla	... 37	29·980	+ ·005	29·885	82·3	+ 1·1	86	28	55·9	+2·6	51	5, 30, 31	62·4	72·9	60·1	65·3	·481	+ ·029	·516	86	− 1	64
Brahmanbaria	... 32	30·003		29·915	79·6	+ 0·4	84	28	56·1	+3·5	51	31	61·8	72·6	59·1	64·9	·466	+ ·017	·516	87	+ 6	67
Narayanganj	... 26	29·988	− ·006	29·902	80·6	+ 3·0	85	3, 28	57·7	+2·2	53	22	62·2	73·4	60·0	64·2	·490	+ ·018	·475	87	+ 1	58
Mymensingh	... 62	29·969	+ ·005	29·875	79·0	+ 3·2	83	2, 26	54·6	+0·9	49	9	59·5	72·2	58·0	63·4	·464	+ ·037	·455	91	+ 2	59
Faridpur	... 27	30·000	+ ·006	29·909	78·3	+ 2·7	83	28	55·1	+2·4	50	31	61·5	71·0	59·8	64·8	·472	+ ·028	·536	87	− 3	69
Barisal	... 11	29·994	− ·006	29·910	80·5	+ 2·9	85	28	59·2	+4·2	55	5, 23	64·3	74·9	62·1	65·7	·528	+ ·056	·518	87	+ 1	59
Khulna	... 16	30·027	+ ·019	29·926	79·9	+ 2·0	85	28	58·4	+4·3	54	31	66·5	72·1	62·5	66·4	·521	+ ·091	·564	79	0	73
Jessore	... 26	29·994	− ·010	29·899	80·5		85	8, 28	53·0		46	31	62.9	71·1	60·1	65·4	·490	+ ·068	·543	89	+ 5	72
Satkhira	...	30·013	+ ·004	29·918	82·1	+ 2·4	87	28	56·1	+3·8	49	22	63·8	75·6	60·6	66·0	·496	+ ·061	·511	82	− 5	58
Calcutta	... 21	30·006	− ·005	29·917	81·0	+ 1·7	86	3, 28	58·3	+4·7	52	23	61·9	75·4	59·9	65·9	·488	+ ·052	·503	99	0	58
Saugor Island	... 10	30·009	− ·005	29·924	78·5	+ 1·5	82	7, 13	61·8	+3·0	55	23	67·0	73·9	64·0	66·7	·555	+ ·030	·567	85	− 5	68
Sandheads	... 25	30·004	+ ·007	29·930									74·7	76·7	69·1	69·7	·684	+ ·047	·638	74	+ 3	69
Midnapore	... 149	29·896	+ ·018	29·781	81·9	+ 1·1	89	28	59·0	+3·0	52	23	65·7	77·4	61·0	68·1	·476	+ ·087	·484	76	+ 5	53
Burdwan	... 99	29·940	+ ·006	29·838	81·5	+ 2·8	88	28	57·5	+2·5	53	23,24,31	61·2	75·0	58·3	65·5	·442	+ ·050	·489	80	+ 7	58
Krishnagar	... 48	29·982	+ ·005	29·887	81·6	+ 3·9	87	28	54·8	+2·8	48	31	63·0	74·5	59·3	66·2	·466	+ ·055	·524	84	0	63
Asansol	... 414	29·599	− ·003	29·497	79·8	+ 2·5	86	23	56·3	+3·1	51	22, 23	60·6	76·7	56·9	64·1	·418	+ ·046	·428	79	+ 6	48
Berhampore	... 62	29·974	+ ·001	29·870	79·3	+ 2·9	85	28	55·1	+1·4	51	21,22,31	60·8	74·2	57·4	64·5	·418	+ ·011	·489	80	− 6	56
Bogra	... 63	29·981	+ ·016	29·875	78·3	+ 2·6	83	28	53·9	+1·6	49	9	59·5	72·2	57·0	63·5	·431	+ ·035	·461	86	+ 1	59
Malda	... 108	29·934	+ ·024	29·839	77·2	+ 2·2	81	4 days	52·9	+2·6	48	19	60·4	71·8	57·2	62·1	·425	+ ·023	·435	81	− 5	57
Dinajpur	... 123	29·891	− ·010	29·795	77·2	+ 1·7	81	25,27,28	52·0	+2·6	47	9, 21	56·5	73·3	54·4	62·7	·390	+ ·010	·484	86	− 3	52
Jalpaiguri	... 271	29·746	− ·008	29·647	75·3	+ 1·7	80	27	52·9	+1·7	50	4 days	56·4	69·6	55·0	61·6	·412	+ ·016	·448	92	+ 1	61

*8 hrs. observations at surface observatory (old site), height 59 feet; 17 hrs. observations at combined observatory (new site), height 261 feet.

17 h. I.S.T. is same as 16 h. L.M.T. 4 p.m. 5

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																	
											8 hrs. L. M. T.									17 hrs. I. S. T.									STATION.
Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
– 0·5	6·1	0·53	– 1·10	0·41	1	2	0	5·6	+ 0·8	5	18	6	0	0	0	0	0	2	1	19	11	0	0	0	0	0	0	**Bay Islands**
																												*Port Blair
– 0·2	5·5	0·70	+ 0·30	0·41	7	2	+ 0·8	5·9	+ 0·2	0	26	4	0	0	0	0	0	1	1	16	7	0	0	0	0	3	4	**Lower Burma**
																												Victoria Point
+ 3·1	5·8	0·69	– 0·21	0·69	1	1	– 0·4	5·4	+ 3·5	0	10	9	10	0	1	0	0	1	10	3	3	2	0	1	1	11	0	Mergui
+ 1·2	2·9	0·40	+ 0·20	0·21	7	2	+ 1·6	2·3	+ 1·3	2	1	0	0	0	0	0	0	28	2	1	2	0	0	0	0	1	25	Tavoy
	7·9	0	– 0·05	0		0	0	4·8		0	7	16	4	0	0	0	0	4	6	0	3	2	0	2	5	13	0	Amherst
– 1·9	1·5	0	– 0·21	0		0	– 0·3	2·5	– 0·2	12	13	3	1	0	0	0	2	0	6	4	3	4	3	1	8	5	2	Rangoon
	8·1	0·27	+ 0·15	0·27	9	1	+ 0·8	1·8		16	2	0	3	1	0	0	3	6	0	0	2	0	0	0	0	1	28	Tharrawaddy
– 0·4	1·5	0	– 0·12	0		0	– 0·1	3·1	+ 0·2	4	5	0	0	0	0	0	7	15	1	0	0	2	0	0	5	8	15	Bassein
+ 6·0	9·5	0·15	– 0·03	0·15	9	1	+ 0·7	7·5		8	12	6	0	0	0	0	4	1	7	1	3	2	1	0	0	14	3	Diamond Island
	1·2	0	– 0·01	0		0	0	2·6		0	0	0	10	1	0	1	0	19	0	0	1	2	0	0	0	28	0	Gwa
	1·2	0·38		0·38	10	1		1·0		0	3	0	0	0	0	0	0	28	0	0	0	0	0	0	1	0	30	Sandoway
																												Toungoo
+ 0·4	4·3	0·05	+ 0·01	0·05	11	0	– 0·2	4·2	+ 2·5	1	17	8	2	0	0	0	0	3	1	0	0	1	0	0	11	14	4	Kyaukpyu
+ 0·1	1·8	0	– 0·06	0		0	– 0·1	7·2		17	12	1	0	0	0	0	1	0	0	0	0	0	0	3	17	11	0	Akyab
+ 0·6	1·4	0	– 0·04	0		0	– 0·1	2·2	– 1·0	2	0	0	0	0	0	3	19	7	0	0	0	0	0	0	4	4	23	**Upper Burma**
																												Minbu
+ 0·7	1·0	0	– 0·10	0		0	– 0·2	1·4		16	0	0	0	2	0	0	0	13	0	0	0	0	4	0	0	0	27	Yamethin
+ 1·9	2·2	0	– 0·05	0		0	– 0·1	1·5	– 0·9	0	0	0	0	1	0	0	0	30	0	0	0	0	0	0	0	1	30	Mandalay
0	1·7	0	0	0		0	0	2·4	+ 0·8	20	1	0	1	0	0	0	8	1	4	1	0	1	0	0	0	2	23	Monywa
– 0·3																												
– 1·0	1·8	0·11	– 0·16	0·11	12	1	+ 0·4	1·2	– 0·8	0	0	0	0	0	0	0	0	31	0	0	0	0	3	12	3	0	13	Lashio
+ 3·5	1·4	0·68	+ 0·19	0·40	17	2	+ 0·8	1·6	+ 0·1	12	2	1	0	1	0	0	2	13	6	7	0	2	0	0	0	1	15	Bhamo
– 1·2	1·7	0·88	+ 0·42	0·43	29	3	+ 1·9	2·5	+ 1·1	8	7	2	2	0	1	3	4	4	1	2	1	0	5	5	1	1	15	Myitkyina
+ 0·9	3·0	8·61	+ 2·16	0·85	8	7	+ 3·6	1·2	+ 0·8	3	5	5	0	0	0	0	1	17	0	3	3	0	0	1	0	0	24	**Assam**
																												Dibrugarh
+ 1·6	4·3	2·53	+ 1·24	0·64	16	7	+ 3·4	2·1	+ 0·9	7	6	1	1	1	0	0	3	12	6	5	1	0	0	0	5	6	8	Sibsagar
+ 0·7	2·0	1·49	+ 0·96	0·55	29	4	+ 2·6	3·0	+ 1·1	0	13	12	1	0	0	0	0	5	0	3	9	0	0	0	1	1	17	Tezpur
– 0·3	5·1	0·06	– 0·25	0·04	29	0	– 0·9	1·9	+ 0·8	1	6	3	4	1	0	1	0	15	0	3	5	0	0	1	1	1	20	Gauhati
– 0·6	2·5	0	– 0·30	0		0	– 0·7	3·6	+ 0·6	4	13	7	0	3	2	1	0	1	3	7	3	0	2	4	6	2	4	Dhubri
+ 0·4	2·6	0·98	+ 0·17	0·68	17	1	– 0·6	1·1	0	1	4	12	6	1	0	0	0	7	1	0	1	0	0	0	0	1	28	Silchar
+ 1·0	2·3	0·49	0	0·29	17	2	+ 1·0	1·5		1	3	3	3	3	2	0	0	16	2	3	0	5	1	3	4	0	18	Srimangal
+ 0·9	2·3	0	– 0·15	0		0	– 0·3	2·9	+ 1·3	6	14	4	1	0	0	0	0	6	3	1	0	0	1	1	2	18	5	**Bengal**
0	2·2	0·03	– 0·25	0·03	17	0	– 0·5	3·6		8	13	6	3	0	0	0	1	0	6	1	0	0	1	4	9	10	0	Cox's Bazar
+ 1·0	3·2	0·88	+ 0·61	0·88	17	1	+ 0·4	3·4	+ 2·0	15	8	0	1	0	1	1	5	0	1	0	0	1	3	2	16	8	0	Chittagong
+ 2·9	4·0	0·12	– 0·17	0·12	17	1	+ 0·2	1·2		3	3	1	1	3	0	0	1	19	1	0	0	0	0	1	0	2	27	Noakhali
	1·1	0	– 0·22	0		0	– 0·7	1·6		7	3	0	6	4	6	0	2	3	5	1	0	1	0	5	0	3	16	Comilla
+ 0·1	2·1	0·16	– 0·14	0·09	17	0	– 0·9	1·4	0	2	2	4	0	1	1	2	8	11	0	0	0	0	2	1	4	10	14	Brahmanbaria
– 0·3	2·0	0	– 0·33	0		0	– 0·9	1·2	+ 0·5	0	4	6	1	1	0	0	0	19	0	0	0	1	0	0	3	1	26	Narayanganj
+ 0·6	2·5	0·68	+ 0·28	0·60	17	1	+ 0·1	1·7		2	3	1	3	3	0	1	6	12	0	3	0	1	2	0	2	5	18	Mymensingh
+ 0·6	2·2	0	– 0·41	0		0	– 0·7	1·8	+ 0·8	6	0	0	0	0	1	0	4	20	4	0	0	0	1	1	2	2	21	Faridpur
+ 0·5	2·8	0·23	– 0·24	0·20	17	1	+ 0·3	2·3		10	5	3	2	1	1	0	5	4	3	2	1	1	1	0	1	3	19	Barisal
+ 0·3	0·9	0·11	– 0·25	0·06	10	0	– 0·9	2·1	+ 1·1	4	5	0	0	1	0	0	3	18	0	0	0	0	0	0	0	3	28	Khulna
+ 0·9	2·6	0·05	– 0·28	0·03	10	0	– 0·6	1·5		4	5	0	0	0	3	2	5	12	2	0	1	0	0	3	0	2	23	Jessore
+ 0·3	3·5	0·41	+ 0·07	0·13	10	2	+ 1·3	1·5	– 0·5	6	5	1	0	0	0	1	0	18	5	0	1	3	2	3	1	5	11	Satkhira
+ 1·1	3·5	0·88	+ 0·58	0·42	13	3	+ 2·1			7	13	4	0	1	2	1	1	2	7	3	1	2	13	2	1	1	1	Calcutta
– 1·2	2·0	0·65	+ 0·46	0·50	13	2	+ 1·4			11	3	1	1	0	3	1	3	8	6	4	1	2	0	2	0	1	15	Saugor Island
+ 0·5	2·8	1·01	+ 0·55	0·74	10	2	+ 1·1	1·0	– 0·7	10	4	3	0	0	0	0	1	13	3	1	2	0	0	0	0	1	24	Sandheads
+ 0·4	2·5	0·41	+ 0·05	0·41	10	1	+ 0·2	1·7		8	1	0	0	2	0	0	9	11	4	0	0	1	0	1	1	4	20	Midnapore
+ 0·6	2·5	0·20	– 0·24	0·20	10	1	+ 0·1	1·1		3	3	1	0	1	1	0	1	21	0	0	0	0	0	0	0	0	31	Burdwan
+ 1·3	3·2	0·56	– 0·12	0·56	10	1	– 0·4	3·3		7	1	1	0	0	0	2	13	7	5	0	2	2	2	0	6	11	8	Krishnagar
+ 0·7	3·1	0·29	– 0·06	0·22	16	1	+ 0·1	1·2	+ 0·2	2	3	0	1	2	6	3	5	9	3	0	1	1	0	1	2	1	22	Asansol
– 0·5	2·1	0·44	+ 0·06	0·44	28	1	+ 0·1	1·6	+ 0·7	3	8	2	3	0	2	5	5	3	0	0	0	0	0	4	10	2	15	Berhampore
+ 0·9	1·8	0	– 0·55	0		0	– 0·9	2·4		4	3	2	1	2	1	6	3	9	4	0	1	0	0	1	1	12	12	Bogra
+ 0·2	2·3	0	– 0·32	0		0	– 0·8	1·1	– 0·3	0	4	1	0	0	2	2	1	21	0	0	0	0	0	2	7	0	22	Malda
+ 2·1	2·3	0	– 0·30	0		0	– 0·7	1·6	+ 0·7	9	6	1	1	0	1	1	4	8	0	0	1	1	0	1	5	2	21	Dinajpur
																												Jalpaiguri

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Relativ humidit %	
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Orissa																					
Balasore ...	65	29·972	+·001	29·865	82·4	+ 1·5	88	28	60·2	+4·1	56	3, 23, 24	65·4	74·1	61·4	66·4	·482	+·048	·538	78	- 2
Chandbali ...	20	30·007	-·006	29·921	82·5	+ 1·6	89	21	61·2	+2·3	57	1, 4, 25	65·8	75·0	63·2	66·7	·541		·546	85	+ 2
Puri ...	20	30·008	+·006	29·918	79·7	- 0·6	83	4, 5	66·9	+3·4	62	1	70·8	76·0	67·5	70·8	·614	+·061	·690	83	0
Gopalpur ...	56	29·962	-·003	29·865	82·2	+ 1·9	85	4, 5	65·9	+3·6	60	1	71·0	77·6	67·2	71·0	·607	+·087	·670	80	+ 1
Cuttack ...	87	29·948	+·007	29·842	86·1	+ 2·8	90	7, 28	62·3	+2·2	56	1	66·8	80·3	64·5	68·8	·583	+·101	·553	88	+ 7
Angul ...	455	29·549	-·018	29·442	84·5	+ 2·7	90	21	60·0	+4·4	53	1	63·7	80·6	61·1	66·2	·502	+·074	·444	85	+ 9
Sambalpur ...	486	29·525	-·015	29·414	85·5	+ 3·8	89	7	58·3	+3·2	50	1, 3	63·9	81·6	60·7	66·8	·496	+·077	·459	82	+ 8
Chota Nagpur																					
Jamshedpur ...	423	29·592			80·1		87	28	57·1		50	2, 3	60·9		58·6		·466			86	
Chaibasa ...	742	29·276	+·014	29·165	80·6	+ 1·6	87	28	57·3	+4·7	50	1	62·0	76·0	59·9	69·4	·490	+·098	·620	87	+ 4
Ranchi ...	2,152	27·838	+·022	27·759	75·2	+ 1·4	81	28	52·5	+1·0	47	22	58·8	69·9	55·1	59·9	·389	+·086	·393	79	+14
Hazaribagh ...	2,006	27·985	+·032	27·915	74·7	+ 1·8	82	25	51·6	+0·6	44	18, 21	57·8	67·4	53·8	58·7	·367	+·069	·394	76	+13
Daltonganj ...	725	29·304	+·004	29·200	75·5	- 0·7	82	25	51·9	+4·6	43	1	55·7	73·0	54·3	61·9	·397	+·057	·420	91	+ 7
Bihar																					
Purnea ...	124	29·909	-·005	29·807	77·9	+ 3·4	81	4 days	50·2	+2·1	45	9, 10, 21	55·0	71·1	53·7	62·1	·397	+·038	·435	92	+ 1
Darbhanga ...	162	29·887	+·014	29·779	75·0	+ 1·9	79	2, 25	51·0	+0·3	46	21, 22	60·4	69·1	57·3	62·4	·425	+·043	·468	82	- 5
Motihari ...	220	29·804	+·001	29·720	75·5	+ 2·7	80	25	50·4	+3·6	45	21	55·6	70·0	53·6	61·7	·390	+·021	·441	87	- 4
Patna ...	173	29·870	+·001	29·778	75·3	+ 2·6	79	8	53·9	+3·0	46	21	59·2	70·9	55·8	61·7	·402	+·042	·495	80	+ 3
Gaya ...	372	29·664	+·001	29·567	77·5	+ 2·0	82	2, 6	55·5	+3·9	51	4 days	61·4	73·4	57·7	65·2	·495	+·092	·509	79	+ 5
Naya Dumka ...	489	29·530	0	29·433	78·8	+ 3·0	83	25, 27	53·6	+2·5	47	22	60·4	72·2	56·6	61·7	·411	+·061	·415	77	+ 3
Sabour ...	122	29·914		29·818	75·5		80	25	48·8		41	22	56·1	69·8	54·5	62·4	·412		·455	90	
United Provinces, East																					
Gonda ...	360	29·671		29·599	73·5		81	7	48·8		42	11	52·9	67·7	51·4	59·5	·355		·390	89	
Gorakhpur ...	257	29·772	+·007	29·697	74·9	+ 2·1	79	2, 7, 24	51·8	+3·1	47	10	55·7	69·7	52·9	58·7	·362	+·017	·353	93	0
Benares ...	250	29·781	-·006	29·701	73·3	- 1·0	78	2	51·8	+3·9	42	22	56·4	69·6	54·3	60·8	·390	+·042	·422	87	+ 4
Allahabad ...	309	29·728	-·005	29·641					50·6	+2·6	41	18	54·9	70·2	52·2	60·4	·354	+·028	·384	82	+ 4
Fatehpur ...	375	29·649		29·560	74·1		79	2	50·3		42	8, 11	57·2	69·6	53·7	60·4	·370		·397	78	
Cawnpore ...	416	29·603	-·010	29·533	74·5	+ 0·7	80	7	49·9	+2·7	42	7	53·0	69·9	50·4	58·8	·327	+·014	·353	83	+ 4
Lucknow ...	371	29·650	-·010	29·572	74·5	+ 0·8	81	6	49·0	+2·0	40	10	53·6	68·9	51·3	59·6	·340	+·027	·390	85	+ 6
Bahraich ...	407	29·600	-·008	29·527	72·9	+ 0·4	80	6, 7	49·6	+2·2	44	8, 21	52·8	69·1	51·4	59·7	·354	+·022	·390	90	+ 5
United Provinces, West																					
Jhansi ...	824	29·186	-·021	29·118	72·9	- 3·2	82	15	49·1	-1·8	43	11, 21	53·3	69·8	50·3	57·7	·320	+·023	·322	80	+15
Agra ...	554	29·471	-·013	29·400	69·5	- 4·0	77	26	46·1	+3·5	39	10, 23	51·5	66·6	48·5	55·9	·307	+·002	·309	79	0
Mainpuri ...	516	29·505	-·001	29·432	70·4	- 2·0	75	15, 20	47·2	+0·8	41	21, 22, 23	51·7	66·5	49·3	57·5	·314	+·030	·345	81	+ 4
Aligarh ...	615	29·394		29·323	68·5		73	4 days	46·9		41	9, 23	50·8	65·9	47·9	55·8	·295		·315	79	
Bareilly ...	568	29·425	-·015	29·357	70·3	0	76	25	48·1	+1·9	41	23	50·7	66·8	50·1	60·2	·353	+·051	·430	95	+13
Roorkee ...	899	29·093	-·006	29·027	66·5	- 2·3	73	6	45·9	+2·0	39	7	50·0	62·8	48·9	56·0	·334	+·053	·355	92	+ 6
Dehra Dun ...	2,289	27·727	+·018	27·678	65·3	- 0·7	71	22	43·6	-1·1	38	7	47·8	60·9	45·9	53·9	·285	+·026	·330	86	+ 8
Punjab, East and North																					
New Delhi ...	719	29·295	-·003	29·219	67·6		73	15, 19	45·5		39	10	48·6	65·9	46·7	56·4	·296		·322	86	
Hansi ...	711	29·304			66·9		76	19	42·1		34	4	47·1		45·1		·272			84	
Hissar ...	725	29·304	-·004	29·237	68·5	- 1·8	75	15	42·3	+0·5	32	4	48·2	63·4	45·5	53·1	·266	+·027	·263	80	+ 5
Ambala ...	892	29·119	+·012	29·061	66·1	- 2·6	73	6	46·6	+3·3	43	4 days	49·9	60·4	48·2	54·7	·314	+·036	·359	88	+ 3
Ludhiana ...	812	29·208	+·005	29·150	65·5	- 1·3	72	23	43·7	-0·7	39	5 days	47·5	62·0	46·0	53·8	·290	+·020	·311	89	+ 7
Lahore ...	702	29·317	-·002	29·262	64·0	- 4·9	71	14, 23	41·0	+0·9	33	3	45·0	61·3	43·8	52·4	·274	+·019	·268	91	+ 8
Sialkot ...	890	29·181	-·005	29·124	62·1	- 3·9	69	14, 15	42·8	+0·1	38	3, 4, 21	46·6	59·6	45·3	53·6	·279	+·004	·337	89	+ 1
Rawalpindi ...	1,674	28·314	-·012	28·265	58·6	- 4·1	66	12	38·5	+0·4	33	7, 15	42·5	54·9	41·0	48·4	·238	+·013	·254	88	+ 6
Punjab, Southwest																					
Khushab ...	612	29·420	-·013	29·362	65·5	- 2·6	72	11, 22	40·3	- 1·2	31	3	45·1	63·7	40·9	50·3	·204	-·012	·182	66	- 2
Lyallpur ...	605	29·422	-·018	29·370	65·5	- 1·8	72	23	39·8	+ 0·1	30	3, 4	45·1	62·6	42·1	51·5	·237	-·011	·228	76	- 6
Montgomery ...	558	29·483	+·003	29·422	65·9	- 2·9	72	23	40·5	- 1·5	29	3, 4	44·0	63·9	41·7	53·5	·233	-·006	·263	81	+ 8
Multan ...	413	29·658	+·014	29·589	66·3	- 1·9	74	22	41·1	- 0·8	30	3	47·2	64·7	42·2	51·2	·201	-·096	·195	65	-15
Fort Abbas ...		29·578		29·504	68·0		74	23	39·3		28	4	47·3	65·5	42·7	52·1	·218		·209	66	
Bahawalpur ...	384	29·690		29·617	67·4		75	22	40·3		28	3	44·7	64·3	41·7	52·7	·227		·250	76	
Khanpur ...	297	29·775		29·695	69·9		77	23	40·4		27	3	46·4	67·2	41·4	52·5	·191		·210	62	

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																	STATION.
											8 hrs. L. M. T.										17 hrs. I. S. T.								
8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																													Orissa
3·3	+ 1·6	4·0	0·52	+ 0·01	0·29	12	2	+ 1·0	2·5	+ 0·9	12	7	0	1	1	2	2	5	1	0	1	0	16	5	2	0	0	7	Balasore
3·8		3·8	0·14	− 0·25	0·14	12	1	+ 0·3	3·7		8	0	1	0	1	3	3	14	1	0	5	11	14	1	0	0	0	0	Chandbali
1·7	− 0·3	2·3	0	− 0·36	0		0	− 0·5	7·3	+ 1·4	11	8	3	2	2	1	1	1	2	0	0	5	11	12	3	0	0	0	Puri
3·0	+ 1·8	3·6	0	− 0·23	0		0	− 0·5	6·1	− 0·1	14	1	0	0	0	1	1	14	0	0	4	9	9	9	0	0	0	0	Gopalpur
3·6	+ 0·3	3·6	0·37	+ 0·10	0·24	10	2	+ 1·4	1·5	+ 0·5	1	4	3	1	1	1	2	0	18	0	0	0	4	4	5	0	0	18	Cuttack
4·2	+ 2·8	4·6	0·21	− 0·25	0·10	10	1	+ 0·1	2·8	− 0·2	1	0	2	1	0	1	9	8	9	11	7	5	3	1	0	0	2	2	Angul
2·5	+ 1·3	2·6	0·19	− 0·22	0·19	12	1	+ 0·2	2·1	− 0·3	11	5	4	2	0	0	1	0	8	5	2	3	2	2	1	3	2	11	Sambalpur
																													Chota Nagpur
4·1			1·95		1·28	10	4		1·1		0	0	1	1	0	0	5	2	22										**Jamshedpur**
4·3	+ 2·3	3·5	1·36	+ 0·72	1·10	10	2	+ 0·7	1·3	+ 0·2	1	1	0	0	1	12	0	0	16	1	2	0	0	0	1	2	0	25	Chaibasa
4·1	+ 2·8	5·0	2·00	+ 1·21	0·88	10	4	+ 2·5	3·3	− 0·6	6	1	0	2	3	3	2	7	7	9	2	3	1	2	4	2	7	1	Ranchi
4·5	+ 0·1	5·0	0·70	− 0·02	0·38	9	2	+ 0·4	4·7	+ 0·5	3	2	0	4	4	2	3	6	7	14	1	2	0	1	1	0	12	0	Hazaribagh
4·4	+ 2·5	4·5	1·09	+ 0·23	0·44	16	4	+ 2·2	2·0	+ 0·3	0	0	5	2	7	1	0	0	16	10	0	3	0	0	1	6	9	2	Daltonganj
																													Bihar
5·0	+ 0·2	2·0	0·04	− 0·35	0·04	26	0	− 0·7	2·0	+ 0·6	0	2	2	1	0	4	7	0	15	1	0	0	0	0	3	9	0	18	Purnea
4·2	+ 0·4	2·5	0·29	− 0·17	0·27	26	1	0	1·5	0	0	0	1	0	0	0	9	1	20	0	0	1	0	0	0	7	3	20	Darbhanga
4·0	− 0·6	3·7	0·86	+ 0·38	0·80	26	1	− 0·1	1·5		0	1	0	1	0	0	9	1	19	0	0	0	1	0	0	12	0	18	Motihari
4·7	+ 0·7	4·4	0·75	+ 0·22	0·65	26	2	+ 0·9	3·4	+ 1·5	0	7	0	1	2	8	8	2	3	1	2	2	1	1	4	11	3	6	Patna
4·2	0	3·1	0·57	− 0·06	0·45	9	1	− 0·3	**3.8**	+ **1.0**	2	4	2	8	4	6	5	0	0	6	4	1	0	0	1	8	11	0	Gaya
4·1	− 0·5	0·5	0·09	− 0·44	0·08	11	0	− 1·1	1·4	+ 0·4	2	0	0	0	0	1	2	2	24	0	1	0	0	0	0	1	8	21	Naya Dumka
4·4		3·2	0	− 0·41	0		0	− 0·9	3·2		1	0	1	2	3	7	6	1	10	1	0	1	1	0	0	8	8	12	Sahour
																													United Provinces, East
5·0		6·3	0·36		0·20	15?	2		3·1		0	1	5	3	0	1	12	5	4	0	1	2	0	1	1	12	7	7	Gonda
4·6	+ 1·8	5·0	0·41	− 0·26	0·17	26	3	+ 1·7	1·8		0	1	3	0	1	4	9	0	13	0	0	2	0	0	0	12	0	17	Gorakhpur
4·2	+ 2·0	5·2	1·99	+ 1·32	1·02	26	3	+ 1·5	4·2	+ 2·4	5	5	3	1	1	10	4	0	2	4	6	4	0	0	3	11	3	0	Benares
4·9	+ 2·1	5·0	2·18	+ 1·42	1·21	25	3	+ 1·4	3·5	+ 1·2	0	0	5	1	0	4	6	1	14	1	4	2	2	0	0	7	7	8	Allahabad
4·7		5·2	1·38		1·08	25	3		2·0		0	2	5	4	1	0	6	2	11	1	1	3	2	0	0	4	6	11	Fatehpur
4·7	+ 2·1	3·6	0·75	+ 0·24	0·33	25	3	+ 1·5	3·1	+ 1·2	3	4	2	1	3	1	6	9	2	5	3	4	1	1	0	3	13	1	Cawnpore
4·5	+ 2·1	5·1	0·68	− 0·09	0·20	16, 25	4	+ 2·5	0·4	− 1·0	0	0	2	0	0	2	8	1	18	0	0	1	0	1	0	5	1	23	Lucknow
4·3	+ 4·4	6·6	1·24	+ 0·32	1·04	26	2	+ 0·1	0·5	− 1·0	0	2	1	0	0	1	2	1	24	0	0	1	2	1	0	1	0	26	Bahraich
																													United Provinces, West
4·8	+ 3·8	4·5	0·48	− 0·11	0·26	5	2	+ 0·7	3·2	+ 1·3	3	5	1	1	2	6	3	6	4	5	12	4	0	0	3	1	4	2	Jhansi
5·0	+ 4·4	5·5	0·40	− 0·14	0·24	1	2	+ 0·7	2·9	+ 0·3	2	2	4	2	0	2	10	2	7	7	1	5	1	2	0	2	9	4	Agra
4·9	+ 3·2	5·2	1·05	+ 0·12	0·86	1	2	+ 0·5	2·5	+ 1·3	1	3	2	0	0	5	7	3	10	0	1	1	1	1	6	5	1	15	Mainpuri
2·6		2·9	0·16		0·16	1	1		3·5		5	2	2	1	0	1	8	7	5	5	0	1	3	1	1	1	10	9	Aligarh
4·2	+ 2·4	5·3	0·85	− 0·16	0·66	1	2	− 0·2	3·5	+ 2·0	0	4	5	0	1	7	7	4	3	1	0	2	3	0	6	10	2	7	Bareilly
4·7	+ 3·7	6·0	3·08	+ 1·42	1·47	26	5	+ 2·1	2·8	+ 1·2	1	0	1	2	0	2	0	16	9	2	1	0	3	0	1	0	12	12	Roorkee
4·5	+ 2·2	6·6	3·88	+ 1·61	1·30	15	6	+ 2·2	1·8	+ 0·6	5	5	2	0	0	0	5	7	7	0	0	1	0	1	7	12	6	4	Dehra Dun
																													Punjab, East and North
4·9	+ 2·7	4·6	2·54	+ 1·50	1·00	25	4	+ 1·9	2·7	+ 0·5	2	0	2	2	0	4	12	3	6	4	4	1	2	0	0	4	11	5	New Delhi
5·4			1·06		1·06	1	1				3	2	0	2	0	0	0	4	20										Hansi
4·8	+ 1·9	4·5	1·22	+ 0·63	1·03	1	2	+ 0·4	3·5	+ 0·2	5	0	2	3	1	5	5	3	7	9	1	4	0	1	0	3	10	3	Hissar
4·8	+ 3·8	6·7	3·67	+ 2·18	1·87	1	4	+ 0·9	3·6	+ 1·5	4	1	3	4	0	0	4	10	5	3	2	3	0	0	0	7	11	5	Ambala
4·8	+ 3·3	6·3	3·28	+ 1·56	1·81	1	5	+ 2·1	2·1	+ 1·0	2	2	0	3	2	0	6	7	9	1	1	2	2	2	2	8	10	3	Ludhiana
4·8	+ 2·1	5·5	1·66	+ 0·61	0·98	26	2	− 0·1	1·6	+ 0·4	4	2	1	0	1	0	1	7	15	2	1	0	1	0	0	4	8	15	Lahore
4·8	+ 1·2	4·3	2·00	− 0·11	1·22	26	3	0	1·6	+ 0·6	0	4	0	4	0	2	0	12	9	1	0	2	2	1	6	2	6	11	Sialkot
4·8	+ 1·6	6·4	1·79	− 0·70	0·62	19	6	+ 2·3	3·0	+ 1·4	0	0	0	0	0	3	2	4	22	0	2	0	1	1	11	9	1	6	Rawalpindi
																													Punjab, Southwest
4·8	+ 2·3	6·1	0·25	− 0·52	0·09	31	0	− 1·6	3·6	+ 1·4	1	2	1	1	4	7	4	2	9	9	9	4	2	1	1	2	2	1	Khushab
5·0	0	4·7	0·19	− 0·24	0·08	29	0	− 1·0	1·7	+ 0·2	1	2	1	1	0	5	3	3	15	2	1	1	0	0	0	3	13	11	Lyallpur
4·2	− 0·5	2·8	0·25	− 0·31	0·22	30	1	− 0·6	1·2	− 1·4	2	2	1	2	0	0	1	3	20	2	2	1	1	0	1	2	7	15	Montgomery
4·6	+ 1·4	4·5	0·58	+ 0·16	0·40	30	2	+ 0·8	2·1	+ 1·2	10	1	0	0	2	2	1	4	11	13	2	2	1	1	2	1	5	4	Multan
5·0		5·0	0·51		0·35	31	2		4·8		6	1	6	2	1	3	3	4	5	12	3	1	0	0	0	5	9	1	Fort Abbas
4·6		4·6	0·26	− 0·16	0·18	30	1	+ 0·1	2·2		4	9	2	1	0	1	0	1	13	5	11	0	1	0	0	6	2	6	Bahawalpur
4·9		4·9	0·59	+ 0·08	0·25	30	3	+ 2·3	4·1		10	6	2	2	2	1	1	3	4	10	8	2	0	2	2	3	2	2	Khanpur

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature. °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Relative humidity %		
		Mean 8 hrs. I. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. I. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Kashmir																						
Srinagar ...	5,205	24·973	- ·002	24·937	35·3	- 5·5	42	2, 15	23·4	- 3·6	10	3	27·1	31·9	26·6	30·9	·142	- ·001	·163	94	+ 3	90
Gulmarg ...								Closed	during	winter	mo	nths.										
Muzaffarabad ...	2,343	27·637	- ·019		54·2	- 5·1	61	21	39·1	+ 1·4	32	2	44·6		41·9		·233	+ ·021		78	+ 1	
Dras ...	10,059	20·813	+ ·038		14·5	- 3·5	29	14	- 6·6	+ 4·8	-34	21	1·3		0·5		·041	- ·012		80	- 7	
Leh ...	11,503	19·645	+ ·006		21·9	- 8·4	33	16	3·2	- 5·0	- 7	21	8·3		6·2		·043	- ·001		65	+ 8	
Skardu ...	7,505				27·2	- 6·6	38	14	11·1	- 4·8	- 3	21, 22	16·1		14·9		·077	- ·024		83	- 8	
Gilgit ...	4,890				42·0	- 4·4	47	14, 27	32·6	+ 0·6	27	3	33·5		31·4		·151	+ ·010		80	+14	
N. W. F. Province																						
Peshawar ...	1,164	28·878	- ·011	28·832	59·6	- 3·8	67	28	39·1	- 1·7	31	2	42·9	57·4	41·0	50·9	·230	+ ·041	·288	84	+15	61
Miranshah ...	3,026				56·0		64	11	35·2		22	1	39·1		35·7		·168			70		
Dera Ismail Khan ...	570	29·494	+ ·018	29·426	65·5	- 3·1	75	11	38·4	- 2·1	32	4, 5, 15	43·8	62·6	41·5	55·4	·224	+ ·009	·339	81	+ 9	61
Baluchistan																						
Fort Sandeman ...	4,614	25·462	- ·024	25·407	50·9	- 6·1	63	11	29·3	- 1·6	20	1	32·4	50 1	29·2	40·2	·129	- ·032	·133	70	+ 4	40
Sibi ...	441	29·632			67·8		77	10,23,24	42·4		31	3	47·6		41·0		·171			53		
Quetta ...	5,540	24·615	- ·029	24·563	46·8		66	12	26·7		9	2	32·6	45·3	30·2	38·0	·140		·143	78		50
Chaman ...	4,311	25·764	+ ·005	25·702	50·3	- 1·6	70	12					39·3	49·1	34·1	40·1	·138	- ·052	·144	59	- 8	43
Kalat ...	6,616	23·650	+ ·003		46·8	- 4·0	63	11	25·6	+ 2·8	11	25	30·8		28·1		·130	- ·032		74	- 5	
Dalbandin ...	2,780	27·203	- ·034	27·130	60·5	- 1·6	74	12	36·3	+ 1·6	27	3, 14	42·0	59·2	39·1	48·4	·200	- ·009	·199	74	+ 3	39
Nokkundi ...	2,229	27·794		27·710	65·2		75	9, 23, 28	41·7		25	1	47·2	63·4	40·6	49·3	·177		·174	52		29
Las Bela ...	292	29·765		29·664	76·6		85	23	48·9		35	1	56·7	74·7	52·5	62·7	·349		·414	74		48
Ormara ...	15	30·055		29·971	72·7		78	30, 31	58·2		47	2	61·9	71·1	57·5	61·4	·405		·409	76		56
Pasni ...	10	30·062	- ·019	29·979	73·2	- 1·8	79	13	57·3	+ 2·6	46	2	62·0	71·6	58·5	64·9	·452	+ ·043	·529	80	+ 7	69
Panjgur ...	3,177	26·821	- ·014	26·740	64·0	+ 1·1	73	11, 23	39·7	+ 1·4	26	1	45·5	61·4	41·7	50·1	·217	+ ·006	·218	71	0	43
Gwador ...	39	30·028		29·949	73·5		78	11, 13	59·8		51	15	64·9	72·2	60·5	63·3	·476		·455	76		59
Sind																						
Jacobabad ...	186	29·909	+ ·026	29·827	68·7	- 4·5	79	23	43·7	0	31	3	48·8	68·0	42·4	52·1	·181	- ·050	·176	54	-12	26
Sukkur ...	221	29·861			69·6		77	23, 24	45·2		36	1, 3	48·7		44·5		·246			70		
Naushahro ...	140	29·952		29·852	72·8		79	12, 22, 23	43·4		32	3	47·4	70·4	43·2	54·1	·224		·198	68		28
Chhor ...	19	30·061		29·952	77·6		87	12	44·5		34	3	52·7	74·8	46·7	58·1	·243		·262	61		31
Hyderabad ...	96	29·996	+ ·027	29·907	72·3	- 3·9	81	27	49·9	- 0·9	40	3	53·6	71·6	46·1	54·3	·211	- ·056	·185	52	- 9	25
Drigh Road (Karachi)	77	30·004		29·909	74·5		81	14, 24	50·8		40	2, 3	55·8	72·7	48·9	55·8	·254		·222	58		28
Manora (Karachi) ...	13	30·053	- ·003	29·970	73·3	- 2·3	80	24	56·6	- 1·0	46	3	59·3	71·7	53·5	60·6	·322	- ·007	·389	65	+ 5	49
Badin ...	36	30·021		29·920	74·3		86	30	47·2		38	3	53·1	72·3	46·2	55·0	·218		·200	55		25
Rajputana, West																						
Sri Ganganagar ...	580	29·449		29·388	66·3		75	14	38·6		29	4	44·8	63·9	42·4	52·8	·233		·984	81		44
Bikaner ...		29·293	+.009	29·217	68·9		79	13, 30	40·1		32	3	47·1	67·1	43·0	55·5	·224		·280	69		48
Jodhpur ...	780	29·242	- ·001	29·146	75·0	- 1·9	85	30	51·2	+0·7	42	3	54·5	72·9	45·7	55·1	·192	- ·008	·194	46	0	25
Barmer ...	638	29·886		29·295	73·7		82	13, 30	49·7		39	2, 3	53·4	72·5	45·9	54·7	·211		·194	51		24
Rajputana, East																						
Jaipur ...	1,431	28·559	- ·017	28·487	70·8	- 2·9	78	31	47·0	- 0·1	39	3	53·2	67·7	47·2	53·5	·248	+ ·004	·229	61	+ 2	33
Ajmer ...	1,593	28·383	- ·032	28·304	70·7	- 2·6	80	31	43·8	- 2·2	36	3	51·5	67·7	45·4	52·0	·225	- ·030	·196	59	- 12	27
Kotah ...	843	29·168	- ·026	29·072	74·5	- 2·6	84	31	51·3	- 0·5	47	9, 17, 18	55·7	72·9	50·5	59·6	·307	+ ·038	·350	67	+ 9	43
Brijnagar ...	1,053	28·929		28·836	75·8		90	31	50·2		45	12	56·0	73·7	51·1	60·1	·307		·337	69		41
Gujarat																						
Deesa ...	466	29·528	- ·017	29·440	81·2	- 2·3	91	30	50·8	- 0·6	43	15	58·2	78·6	47·0	56·7	·175	- ·056	·173	37	-11	18
Bhuj ...	348	29·688	+ ·007	29·593	77·0	- 2·7	90	30	49·9	- 3·9	40	3, 4	55·9	75·7	47·4	54·9	·210	- ·118	·156	48	-12	17
Dwarka ...	37	30·012	+ ·009	29·919	75·4	- 2·9	83	12	57·0	- 3·0	51	3, 4	62·6	71·1	55·7	60·0	·355	- ·089	·370	62	- 8	49
Jamnagar ...	60	29·981	- ·008		76·2	- 3·2	83	25	51·2	- 2·5	45	6	60·8		53·6		·324	- ·027		59	- 4	
Rajkot ...	482	29·577	+ ·004	29·475	81·6	- 2·0	94	30	48·1	- 3·0	41	5, 7, 16	56·3	80·1	46·8	56·9	·197	- ·080	·159	48	- 9	15
Veraval ...	19	29·988	+ ·001	29·887	84·1	+ 2·5	89	14, 24	57·6	- 2·2	50	2	64·9	76·7	58·2	68·1	·343	- ·079	·563	37	-15	6
Surat ...	39	29·949	- ·015	29·853	87·8	+ 1·1	95	13, 30	58·7	+ 1·2	54	7	64·3	83·5	56·2	65·5	·342	- ·041	·375	58	- 6	34
Bhavnagar ...	55	29·966	- ·002	29·840	83·7	- 0·4	91	31	53·4	- 1·4	47	7, 16	59·4	81·3	47·8	61·3	·183	- ·116	·269	34	-20	26
Ahmadabad ...	163	29·847	- ·014	29·738	85·8	+ 0·5	93	30	57·8	+ 0·1	52	2	62·8	80·6	51·4	60·7	·222	- ·059	·269	41	- 6	25
Dohad ...	1,093	[illegible]			84·3		93	31	55·0		49	26	60·5		52·2		·275			53		
Baroda ...	115	29·882		29·779	85·9		95	30	51·0		44	26	59·0	83·2	52·0	63·4	·295		·310	59		27

Cloud amount (tenths of sky).		Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																		STATION.
										8 hrs. I. M. T.									17 hrs. I. S. T.									
Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																												Kashmir
+ 1·9	8·5	4·32	+ 1·56	1·70	1	9	+ 3·1	2·7	+ 0·6	2	3	0	3	7	0	2	2	12	1	4	0	12	2	0	4	6	2	Srinagar
																												Gulmarg
- 1·9		6·38	+ 2·77	1·90	1	10	+ 3·9	3·2	+ 1·6	2	0	0	0	2	0	0	0	27										Muzaffarabad
+ 1·5		9·30	+ 6·51	1·88	1	14	+ 5·5	0·8	+ 0·4	0	0	0	0	0	0	0	0	31										Dras
+ 0·1		0·63	+ 0·27	0·10	11, 28	2	+ 1·0	1·9	+ 0·9	6	6	1	0	1	1	0	0	16										Leh
+ 2·1		1·31	+ 0·39	0·25	30	5	+ 2·4	0·3	- 0·9	0	0	0	0	1	1	0	0	29										Skardu
- 1·6		0·47	+ 0·22	0·15	15	1	+ 0·2	0·3	- 0·8	0	0	0	0	0	0	0	0	31										Gilgit
																												N.-W. F. Province
+ 0·1	6·5	1·03	- 0·53	0·30	19	5	+ 2·0	1·4	- 0·1	0	2	0	1	0	6	7	0	15	3	2	1	0	2	1	0	1	21	Peshawar
		0·80		0·47	27	2		4·3		1	3	1	0	0	1	4	2	19										Miranshah
+ 1·1	4·6	0·37	- 0·12	0·21	27	2	+ 0·6	1·7	+ 0·8	4	1	0	0	0	2	3	4	17	4	3	0	1	0	0	1	1	21	Dera Ismail Khan
																												Baluchistan
+ 0·8	5·0	1·27	+ 0·67	0·42	27	4	+ 2·1	2·1	+ 0·5	0	0	1	1	2	0	0	0	27	1	2	0	0	0	1	4	3	20	Fort Sandeman
		1·73		1·45	30	3		2·3		8	4	1	2	1	1	4	5	5										Sibi
+ 1·9	6·0	5·06		1·94	29	8		5·2		2	6	1	5	10	2	2	0	3	8	3	1	0	6	3	3	6	1	Quetta
- 0·2	4·2	4·34	+ 2·77	1·15	27	7	+ 2·9	5·4	+ 1·0	0	7	9	4	4	4	2	0	1	3	0	2	1	2	11	5	6	1	Chaman
+ 2·5		3·92	+ 2·71	1·52	30	5	+ 1·5	4·5	+ 0·4	0	1	0	10	11	0	0	1	8										Kalat
+ 1·1	4·5	1·92	+ 1·10	1·13	30	3	+ 1·1	0·5	- 2·7	0	0	0	0	0	0	1	1	29	0	3	3	2	3	1	0	0	19	Dalbandin
	3·9	1·44		0·70	30	2		5·9		6	6	5	2	1	1	0	4	6	3	1	5	8	2	2	1	4	5	Nokkundi
	4·0	0·25		0·15	25	2		2·0		10	1	0	0	0	1	0	4	15	1	1	3	2	12	5	0	0	7	Las Bela
+2·0	4·3	1·07		0·76	18	3		4·9		1	2	4	2	1	2	1	0	18	2	1	6	3	1	8	7	2	1	Ormara
	4·5	1·57	- 0·39	1·11	18	3	+ 0·7	6·8	+ 1·5	4	7	4	1	1	1	1	6	6	1	2	3	7	3	10	5	0	0	Pasni
+1·4	4·9	0·69	- 0·18	0·60	30	1	- 0·8	5·6	+ 0·9	4	17	4	0	1	2	1	0	2	7	3	0	0	2	13	5	1	0	Panjgur
	5·2	2·09		1·25	17	4		6·4		6	5	3	2	2	0	1	6	6	2	1	4	7	3	10	4	0	0	Gwador
																												Sind
+ 2·0	5·3	0·21	- 0·05	0·21	30	1	+ 0·3	3·0	+ 1·5	4	1	3	1	1	0	4	7	10	6	2	1	2	1	5	0	9	5	Jacobabad
		0·11		0·09	30	0		3·6		2	5	2	12	1	4	0	1	4										Sukkur
	3·4	0·70	+ 0·50	0·50	30	2	+ 1·3	1·7		5	4	1	0	0	2	1	10	8	9	6	0	0	2	3	2	6	3	Naushahro
	4·6	0,		0		0		4·8		12	12	2	0	0	0	0	2	3	15	4	0	0	0	4	1	7	0	Chhor
+ 3·0	5·0	0	- 0·20	0		0	- 0·6	3·6	- 1·0	14	2	0	0	0	1	1	9	4	11	5	0	0	0	1	0	7	7	Hyderabad
	6·0	0		0		0		6·2		7	16	4	0	0	0	0	0	4	0	8	2	1	4	11	2	1	2	Drigh Road (Karachi)
+ 3·2	5·4	0·01	- 0·51	0·01	31	0	- 1·1	5·8	- 0·4	3	14	12	1	0	0	0	0	1	1	4	4	2	4	12	3	0	1	Manora (Karachi)
	3·9	0		0		0		3·3		11	16	3	0	0	0	0	0	1	12	11	1	0	0	1	1	1	4	Badin
																												Rajputana, West
	4·9	0·20		0·12	30	1				3	3	3	2	1	2	2	5	10	9	3	2	1	0	0	3	10	3	Sri Ganganagar
+ 1·7	4 5	0		0		0		2·2	- 0·7	2	3	2	1	2	2	0	3	16	8	10	0	0	1	0	1	9	2	Bikaner
+ 1·5	5·3	0	- 0·14	0		0	- 0·4	5·1	+ 2·1	5	20	1	0	0	0	0	1	4	9	9	1	0	0	3	3	3	3	Jodhpur
	4·5	0		0		0		6·2		6	0	0	0	0	0	0	24	1	8	7	1	1	0	1	4	8	1	Barmer
																												Rajputana, East
+ 2·0	5·3	0·79	+ 0·32	0·79	1	1	- 0·1	2·1	- 1·4	5	8	3	2	0	0	0	0	13	3	2	4	1	0	1	2	5	13	Jaipur
+ 2·3	5·1	0·11	- 0·25	0·11	1	1	- 0·1	0·1	- 1·5	2	1	0	0	0	0	0	1	27	1	0	1	0	0	0	1	4	24	Ajmer
+ 4·4	5·7	0·33	+ 0·06	0·33	5	1	+ 0·4	1·3	- 0·1	3	3	0	4	0	2	9	5	5	2	8	4	0	0	0	2	7	8	Kotah
	3·7	0·38		0·16	1	2		3·0		9	4	1	0	0	0	3	7	7	8	14	2	0	0	2	2	2	1	Brijnagar
																												Gujarat
+ 1·2	4·5	0	- 0·11	0		0	- 0·3	3·6	- 2·4	5	12	1	0	0	0	0	0	13	4	7	0	0	0	1	2	9	8	Deesa
+ 1·0	2·9	0	- 0·08	0		0	- 0·2	3·4	- 1·1	0	1	0	0	1	2	3	0	24	12	8	0	0	0	0	1	8	2	Bhuj
+ 2·0	3·6	0	- 0·08	0		0	- 0·2	9·0	+ 0·8	13	17	0	0	0	0	0	1	0	10	1	0	0	0	0	3	17	0	Dwarka
+ 2·0		0	- 0·05	0		0	- 0·2	4·3	- 1·4	7	10	2	1	0	0	0	0	11										Jamnagar
+ 1·5	3·4	0	- 0·04	0		0	- 0·2	5·1	+ 1·2	9	8	1	2	0	1	1	0	9	15	5	2	0	0	0	1	8	0	Rajkot
+ 0·7	2·2	0·06	+ 0·03	0·06	1	0	- 0·1	5·0	+ 0·2	21	5	0	0	0	0	0	4	1	3	1	0	0	2	5	9	11	0	Veraval
+ 2·3	3·9	0	- 0·14	0		0	- 0·2	4·3	+ 1·4	11	9	3	2	0	0	1	4	1	5	2	1	0	0	3	10	10	0	Surat
+ 1·0	3·0	0	- 0·13	0		0	- 0·1	3·8	+ 0·3	4	0	0	0	0	0	5	21	1	6	8	15	0	1	0	0	1	0	Bhavnagar
+ 0·1	3·2	0·02	0	0·02	1	0	-0·1	4·3	+ 0·9	6	11	5	0	0	0	2	5	2	6	6	3	1	0	1	4	9	1	Ahmadabad
		0·01		0·01	1	0				2	5	11	4	4	2	0	0	3										Dohad
	2·0	0		0		0		2·6		4	10	0	0	1	0	0	0	16	6	3	0	0	0	2	2	4	14	Baroda

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature. °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Relative humidity %		
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
Central India, West																						
Neemuch ...	1,626	23·349	- ·026	28·273	76·7	- 0·8	86	31	49·1	+0·3	43	17, 20	56·6	75·0	48·4	58·3	·229	- ·026	·262	50	- 7	
Indore ...	1,823	28·128	- ·033	28·044	81·7	+ 2·1	90	31	52·3	+2·2	46	17	60·5	79·1	53·0	60·2	·302	+ ·002	·264	60	0	
Bhopal ...	1,643	28·328		28·234	80·4		87	31	52·5		46	17	58·8	77·5	52·6	60·8	·322		·316	65		
Guna ...	1,571	28·397		28·315	76·0		89	31	49·0		41	21	54·1	73·7	49·6	58·7	·300		·299	72		
Central India, East																						
Nowgong ...	750	29·265	- ·004	29·178	73·7	- 0·6	82	31	48·5	+1·4	39	5	53·7	70·8	51·9	59·8	·361	+ ·059	·370	88	+12	
Sutna ...	1,041	28·949	- ·013	28·864	76·0	+ 1·2	83	2	51·0	+2·9	44	18, 21	58·5	70·9	54·7	60·7	·379	+ ·069	·402	77	+ 5	
Umaria ...	1,500	28·464		28·379	77·1		82	6 days	52·3		46	21	58·2	72·2	55·3	62·2	·394		·424	82		
Berar																						
Akola ...	925	29·038	- ·030	28·910	89·6	+ 3·8	94	31	60·6	+6·4	56	11,17,28	66·8	87·1	58·2	65·9	·368	+ ·066	·357	57	+ 4	
Amraoti ...	1,213	28·743	- ·028		86·8	+ 2·0	91	31	63·2	+4·6	59	10, 16	69·4		59·2		·366	+ ·048		52	+ 1	
Central Provinces, West																						
Khandwa ...	1,044	28·916	- ·032	28·805	88·5	+ 4·0	95	31	57·0	+4·5	50	17	68·8	84·5	54·5	63·4	·306	+ ·020	·294	52	- 4	
Hoshangabad ...	992	28·980	- ·039	28·871	82·4	+ 2·4	89	31	59·1	+7·9	55	4 days	63·6	80·8	57·0	64·6	·378	+ ·065	·402	64	- 2	
Saugor ...	1,808	28·158	- ·023	28·078	76·0	- 0·9	85	31	54·6	+2·2	50	3, 11	60·3	71·7	54·1	60·5	·337	+ ·076	·389	65	+11	
Jubbulpore ...	1,289	28·685	- ·013	28·592	80·4	+ 3·2	88	23	53·1	+5·6	47	18	57·8	76·1	55·4	64·6	·399	+ ·075	·462	85	+12	
Seoni ...	2,027	27·945	- ·011	27·857	81·9	+ 3·6	86	28	56·1	+4·6	51	1,17,29	62·3	77·5	56·6	63·2	·391	+ ·071	·381	68	+ 5	
Nagpur ...	1,017	28·959	- ·017	28·839	87·7	+ 4·2	91	28, 31	59·5	+3·9	54	2, 3	65·5	84·1	59·3	66·8	·417	+ ·075	·429	67	+ 7	
Central Provinces, East																						
Pendra ...	2,040	27·941	- ·013	27·853	77·3	+ 3·2	82	4 days	54·2	+3·9	47	17	60·4	71·2	56·3	62·1	·395	+ ·076	·435	77	+ 6	
Raipur ...	970	29·012	- ·013	28·923	84·1	+ 2·7	86	5 days	58·1	+2·6	49	1	65·6	82·6	58·1	66·6	·382	+ ·027	·446	62	- 3	
Kanker ...	1,918	28·651		28·552	84·9		88	7,24,28	57·4		48	1, 2	65·1	82·3	59·4	65·0	·426		·382	70		
Chanda ...	634	29·338	- ·028	29·224	88·7	+ 3·3	92	28	61·3	+6·4	51	2	68·4	85·4	62·4	66·9	·475	+ ·066	·412	69	- 1	
Bagdalpur ...	1,813	28·164	- ·006	28·055	87·1	+ 5·4	90	30	56·7	+3·8	47	1	65·7	81·0	59·4	63·9	·412	- ·008	·368	67	-15	
Konkan																						
Bombay ...	37	29·932	- ·013	29·839	82·1	- 0·8	87	30	66·6	-0·1	63	7, 10	70·9	78·4	64·7	69·9	·527	- ·030	·616	70	- 3	
Alibag ...	23	29·946			81·7		85	4 days	63·7		60	10	68·9		62·0		·462			66		
Ratnagiri ...	207	29·740	- ·012	29·651	86·8	- 0·4	95	30, 31	68·9	+2·2	66	11	75·6	81·7	65·8	72·1	·504	+ ·016	·655	57	- 4	
Marmagao ...	202	29·739	- ·011	29·627	85·7		90	31	70·9		69	6 days	75·0	83·3	69·9	74·9	·665		·752	77		
Karwar ...	44	29·917	+ ·004	29·798	89·3	+ 2·7	94	22, 28	65·8	0	62	20, 22	68·9	85·4	65·4	73·7	·569	+ ·005	·683	82	+ 1	
Bombay Deccan																						
Jalgaon ...	660	29·288			90·6		96	31	57·2		51	16,17,18	63·7		53·5		·269			47		
Malegaon ...	1,430	28·517	- ·034	28·404	88·8	+ 2·8	95	31	55·8	+3·5	52	29	63·9	86·4	53·4	63·3	·263	- ·021	·268	45	- 7	
Ahmadnagar ...	2,154	27·812	- ·019	27·704	86·8	+ 2·5	92	30	57·1	+4·3	52	10	66·0	84·5	54·6	62·3	·280	- ·039	·261	43	-12	
Poona ...	1,834	28·127	- ·013	28·011	89·4	+ 3·3	95	30	55·6	+2·3	51	11	63·7	86·8	57·2	64·4	·384	+ ·062	·315	66	+ 3	
Satara ...	2,320	27·648		27·535	87·0		92	30	60·0		57	2, 22, 23	65·5	85·1	56·8	63·6	·352		·308	56		
Sholapur ...	1,570	28·394	- ·006	28·272	90·2	+ 4·2	94	30	63·3	+4·2	60	31	72·0	88·3	58·9	64·4	·325	- ·003	·274	40	- 8	
Miraj ...	1,824	28·158		28·026	88·5		93	29, 30	58·9		55	4 days	69·3	87·9	58·5	66·0	·353		·343	49		
Inchalkaranji ...	1,795	28·174			90·4		95	30	58·5		54	22	66·2		57·4		·345			55		
Bijapur ...	1,950	28·004	- ·015	27·886	88·7	+ 2·7	92	29,30,31	64·6	+4·5	61	1	72·5	87·1	61·1	64·6	·382	- ·038	·315	49	-13	
Belgaum ...	2,562	27·413	+ ·007	27·307	86·8	+ 3·3	91	29, 30	59·1	+1·3	53	2	69·5	84·3	59·5	62·8	·366	- ·018	·288	53	- 7	
Gadag ...	2,131	27·830		27·714	88·7		94	29, 30	64·7		60	1	72·2	86·4	62·0	64·0	·421		·294	53		
Hyderabad, North																						
Aurangabad ...	1,905	28·071	- ·021		86·9	+ 2·2	92	30, 31	61·2	+5·2	57	4 days	70·0		57·1		·292	- ·022		40	- 8	
Nizamabad ...	1,250	28·699	- ·024		89·5	+ 3·7	92	4 days	64·1	+7·4	56	2	71·5		62·1		·428	+ ·005		56	- 8	
Hyderabad, South																						
Gulbarga ...	1,503	28·454	- ·018		89·5	+ 2·3	94	29, 30	63·6	+3·8	58	1	70·9		60·2		·377	- ·012		50	- 8	
Raichur ...	1,311	28·639	- ·017		88·1	+ 1·4	94	30	66·9	+2·4	63	1, 25	71·4		63·8		·495	+ ·023		64	0	
Hyderabad ...	1,709	28·257	- ·001		88·5	+ 4·3	93	29, 30	61·6	+1·7	57	1	68·4		62·5		·495	+ ·038		70	- 3	
Hanamkonda ...	877	29·090	- ·024		88·9	+ 4·2	92	22, 30	66·1	+4·8	60	1	70·5		66·4		·584	+ ·110		80	+16	
Mysore																						
Chitaldrug ...	2,405	27·559	+ ·003	27·447	87·7	+ 3·3	92	29, 30	64·6	+2·6	59	1	71·0	85·2	63·3	66·3	·479	+ ·033	·395	64	+ 2	
Balehonnur ...	2,917	27·053			82·1		86	29	59·2		55	1, 20	66·2		59·6		·422			66		
Hassan ...	3,149	26·848	+ ·002		84·3	+ 2·2	88	31	58·1	+2·2	54	20	66·1		60·3		·454	- ·012		72	- 2	
Bangalore ...	3,021	26·976	+ ·009	26·882	81·3	+ 1·5	87	29	58·8	+2·0	58	20	63·8	78·2	60·1	60·7	·476	+ ·004	·329	81	+ 1	
Mysore ...	2,518	27·450	- ·006	27·346	84·1	+ 0·1	89	30	60·4	+0·2	57	20	66·9	83·1	61·3	62·2	·469	- ·022	·284	71	- 1	

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																STATION.
											8 hrs. L. M. T.									17 hrs. I. S. T.								
Departure from normal.	Mean 17 hrs. I. S. T.		Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
25	26		27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																													Central India, West
+ 2·4	5·0		0·07	− 0·14	0·05	5	0	− 0·4	4·2	− 0·1	0	21	0	1	0	0	0	0	9	3	14	0	0	0	3	1	7	3	Neemuch
+ 1·1	4·2		0·02	− 0·26	0·01	4, 6	0	− 0·5	2·9	+ 1·1	1	9	7	4	3	2	1	1	3	7	4	0	1	1	6	6	4	2	Indore
	3·4		0·86		0·25	25	1		2·9		3	7	5	3	0	2	1	1	9	3	8	3	0	0	3	7	7	0	Bhopal
	2·9		0·50		0·29	1	2		2·2		2	8	4	1	1	0	1	2	12	1	8	3	1	0	1	6	5	6	Guna
																													Central India, East
+ 2·2	4·5		1·58	+ 0·95	0·92	25	3	+ 1·5	1·8	+ 0·7	0	3	4	0	3	4	0	0	17	7	10	3	0	0	0	2	2	7	Nowgong
+ 1·5	4·1		2·72	+ 1·84	1·90	25	4	+ 2·2	2·7	+ 0·4	2	2	6	3	3	2	4	3	6	3	1	5	4	1	0	3	7	4	Sutna
	5·6		2·52		0·82	15	5		2·3		0	1	6	6	1	0	1	1	15	4	3	2	1	0	0	3	3	15	Umaria
																													Berar
+ 0·1	3·2		0·06	− 0·29	0·06	5	0	− 0·7	3·4	+ 0·7	0	3	3	3	1	0	1	1	19	1	0	0	2	1	1	3	4	19	Akola
+ 1·5			0·19	− 0·24	0·19	5	1	+ 0·3	5·4	+ 2·2	1	11	12	2	2	2	1	0	0										Amraoti
																													Central Provinces, West
+ 0·5	3·0		0	− 0·32	0		0	− 0·5	3·9		4	10	4	3	2	3	3	2	0	5	6	2	2	2	3	3	8	0	Khandwa
+ 3·0	3·9		0·84	+ 0·48	0·45	5	3	+ 2·1	3·1	+ 1·1	0	6	10	9	0	1	0	1	4	0	2	8	1	1	2	2	1	14	Hoshangabad
+ 2·7	5·1		1·66	+ 1·07	1·23	25	2	+ 0·8	9·1	+ 6·1	4	10	7	4	1	3	0	2	0	3	11	1	4	0	6	0	6	0	Saugor
+ 3·0	4·8		0·94	+ 0·14	0·22	25	5	+ 3·5	1·3	− 0·1	1	2	2	2	1	0	0	0	23	2	3	3	0	1	2	0	0	20	Jubbulpore
+ 0·5	3·7		0·41	− 0·17	0·39	14	1	− 0·2	4·0	+ 1·9	1	6	6	1	1	2	2	1	11	0	3	5	2	6	9	3	0	3	Seoni
+ 1·6	4·5		0·04	− 0·38	0·04	7	0	− 0·8	3·1	+ 0·6	6	9	6	1	1	1	2	1	4	1	3	8	4	4	5	3	0	3	Nagpur
																													Central Provinces, East
+ 1·5	3·7		1·76	+ 0·91	0·60	9	4	+ 2·4	3·2	+ 0·7	11	1	1	0	7	2	0	3	6	7	3	1	2	4	5	0	2	7	Pendra
− 1·5	1·3		0	− 0·29	0		0	− 0·7	2·2	+ 0·3	6	7	0	0	1	2	1	2	12	5	1	1	0	0	1	0	2	21	Raipur
	2·3		0		0		0		2·1		0	1	1	0	2	3	2	3	19	2	0	0	3	1	6	4	12	3	Kanker
− 0·7	1·9		0	− 0·25	0		0	− 0·4	0·9	− 0·7	0	3	5	4	0	0	0	1	18	3	2	1	1	1	0	0	0	23	Chanda
− 1·1	4·4		0·02	− 0·52	0·02	16	0	− 1·0	1·8		0	0	0	0	0	0	1	1	29	2	5	4	0	9	2	4	2	3	Jagdalpur
																													Konkan
− 0·7	2·0		0	− 0·10	0		0	− 0·2	5·7	− 3·3	5	12	10	3	1	0	0	0	0	14	0	0	0	0	0	0	17	0	Bombay
			0		0		0		5·0		8	5	13	1	0	0	0	0	4										Alibag
− 0·8	0		0	− 0·10	0		0	− 0·2	5·4	− 0·5	1	6	11	11	1	0	0	1	0	6	0	0	0	0	4	3	18	0	Ratnagiri
+ 0·5	1·8		0		0		0		6·5		0	6	23	2	0	0	0	0	0	0	0	0	0	0	10	11	10	0	Marmagao
+ 0·2	0·8		0	− 0·05	0		0	− 0·1	2·5	+ 0·2	9	14	0	0	0	0	0	0	8	4	1	0	0	0	8	1	13	4	Karwar
			0·02		0·02	4	0				0	0	16	0	0	0	4	0	11										**Bombay Deccan** Jalgaon
+ 1·8	4·0		0	− 0·16	0		0	− 0·3	2·9	− 0·9	1	0	1	0	0	5	13	6	5	7	3	3	1	1	6	5	3	2	Malegaon
+ 1·2	3·5		0	− 0·26	0		0	− 0·4	3·8	− 0·3	3	0	0	7	3	0	0	11	7	0	1	1	1	8	5	6	4	5	Ahmadnagar
+ 0·5	2·8		0	− 0·06	0		0	− 0·2	2·1		0	0	0	0	3	0	2	0	26	2	2	1	1	1	0	12	4	8	Poona
	2·0		0		0		0		1·0		0	0	0	0	0	0	0	0	31	2	1	0	1	1	2	10	0	14	Satara
− 0·8	2·3		0	− 0·15	0		0	− 0·3	5·9	− 0·2	2	5	3	11	5	3	1	0	2	5	6	2	8	2	7	0	0	1	Sholapur
	2·6		0		0		0		4·1		1	3	10	7	0	0	1	2	7	0	3	13	7	4	1	2	1	0	Miraj
			0		0		0				0	2	7	4	1	1	0	1	15										Inchalkaranji
+ 0·5	3·5		0	− 0·08	0		0	− 0·1	3·9	+ 1·0	0	0	1	4	17	7	2	0	0	0	4	10	7	6	1	2	0	1	Bijapur
− 1·1	1·0		0	− 0·13	0		0	− 0·2	3·3	− 3·1	1	3	14	9	1	0	0	0	3	1	7	11	5	1	2	4	0	0	Belgaum
	1·3		0		0		0		5·6		1	3	13	10	0	0	0	0	4	0	12	13	4	1	0	0	1	0	Gadag
0			0	− 0·33	0		0	− 0·5	5·0	+ 0·6	1	9	6	2	2	2	2	0	7										**Hyderabad, North** Aurangabad
− 0·3			0	− 0·14	0		0	− 0·4	3·1	+ 0·7	1	2	1	4	2	0	1	1	19										Nizamabad
− 0·5			0	− 0·20	0		0	− 0·3	6·0	+ 1·5	0	5	8	7	5	1	4	0	1										**Hyderabad, South** Gulbarga
− 0·3			0	− 0·10	0		0	− 0·2	7·1	+ 1·7	5	6	1	0	0	2	1	13	3										Raichur
− 0·3			0	− 0·24	0		0	− 0·4	2·6	+ 0·3	0	0	2	9	3	0	0	0	17										Hyderabad
− 0·9			0	− 0·32	0		0	− 0·5	6·1	+ 2·6	0	0	0	15	14	0	0	0	2										Hanamkonda
− 0·8	1·9		0	− 0·27	0		0	− 0·3	6·2	+ 1·6	0	0	10	18	0	0	0	0	3	0	3	21	5	0	0	0	0	2	**Mysore** Chitaldrug
			0		0		0		4·3		9	0	1	18	3	0	0	0	9										Balehonnur
− 1·4			0	− 0·07	0		0	− 0·3	3·1	+ 0·5	1	1	12	15	2	0	0	0	0										Hassan
+ 2·1	3·7		0	− 0·26	0		0	− 0·5	7·1	+ 2·4	0	1	23	6	0	0	0	0	1	0	1	26	4	0	0	0	0	0	Bangalore
+ 0·2	3·1		0	− 0·19	0		0	− 0·3	8·4	+ 2·2	2	15	13	0	0	0	0	0	1	0	14	17	0	0	0	0	0	0	Mysore

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Relative humidity %	
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Malabar																					
Mangalore ...	72	29·862	−·007	29·737	89·9	+ 0·7	94	31	70·6	0	67	2	76·1	84·7	68·3	74·5	·576	−·043	·731	65	− 2
Calicut ...	27	29·909	+·001	29·785	89·7	+ 2·5	91	4 days	71·1	+ 0·6	68	20, 21	74·7	87·2	69·1	76·3	·634	−·048	·747	74	− 5
Cochin ...	10	29·921	+·002	29·796	87·2	− 2·2	90	29	73·5	+ 1·6	70	1, 30	78·8	85·0	70·5	74·4	·643	−·002	·696	65	− 7
Trivandrum ...	200	29·697	−·013	29·593	88·6	+ 4·6	90	7 days	74·7	+ 2·4	70	1	79·6	86·3	72·3	76·4	·716	+·035	·760	71	− 6
Madras, Southeast																					
Pamban ...	37	29·903	−·012	29·815	83·0	+ 0·3	85	28	76·9	+ 2·6	74	12, 24	79·0	80·0	75·5	76·1	·819	+·042	·842	84	− 1
Madura ...	463	29·493	−·007	29·366	88·1	+ 0·7	91	27, 29, 30	71·6	+ 2·5	68	1, 24	76·6	86·1	70·0	71·2	·645	−·015	·555	71	− 5
Negapatam ...	31	29·931	+·002	29·845	82·8	+ 0·8	84	4 days	74·4	+ 3·0	70	5 days	77·0	80·3	72·3	73·9	·723	−·006	·750	79	− 2
Trichinopoly ...	255	29·710	−·010	29·588	88·3	+ 0·8	92	27, 29	70·2	+ 2·5	67	18, 20, 24	74·5	85·5	70·3	71·7	·678	+·022	·595	79	+ 1
Coimbatore ...	1,341	28·613	−·008	28·481	87·3	+ 0·9	92	30	66·5	+ 2·2	59	1	72·3	85·8	66·5	66·9	·580	−·033	·406	73	− 9
Salem ...	918	29·041	−·009	28·908	89·2	+ 0·9	94	29, 30	66·2	+ 1·7	61	22	70·3	86·1	65·2	68·4	·549	−·064	·449	75	− 2
Cuddalore ...	39	29·935	−·004	29·844	82·8	− 0·3	85	27	70·2	+ 1·9	67	22, 28	74·0	79·7	71·6	73·8	·750	+·040	·757	88	+ 1
Vellore ...	709	29·263	−·020	29·162	84·2	0	88	29	64·4	+ 0·2	60	1	67·5	82·4	65·9	72·2	·618	+·003	·649	92	+ 6
Madras ...	22	29·962	−·005	29·876	84·2	− 1·0	86	27	68·5	+ 1·2	66	5 days	73·4	79·8	70·9	72·3	·721	+·012	·690	88	+ 4
Madras, Deccan																					
Cuddapah ...	428	29·561	+·005	29·438	87·6	− 0·8	93	30	66·2	+ 1·0	60	21	74·7	84·9	68·8	70·2	·627	+·035	·537	73	− 2
Bellary ...	1,473	28·481	−·010	28·355	88·4	+ 0·3	94	30	64·3	+ 2·5	60	21	71·2	86·4	63·7	64·9	·495	+·038	·348	64	− 1
Kurnool ...	923	29·039	−·011	28·910	89·5	+ 1·2	95	30	62·9	+ 2·4	56	21	68·8	88·1	62·8	65·8	·495	+·007	·337	70	− 1
Rentichintala ...	349	29·646		29·515	89·0		95	30	64·9		58	1	73·6	88·0	67·9	67·6	·610		·408	73	
Madras Coast, North																					
Nellore ...	66	29·935	+·008	29·839	83·6	− 1·7	89	30	68·2	+ 1·1	65	1	73·9	80·7	70·9	71·9	·717	+·033	·662	85	− 2
Masulipatam ...	10	29·986	−·019	29·894	82·6	− 0·8	87	30	68·3	+ 2·5	66	1, 14	72·3	79·0	70·2	72·4	·705	+·052	·696	89	+ 3
Cocanada ...	26	29·987	−·004	29·857	81·5	+ 0·2	85	18, 21	68·3	+ 2·2	65	5 days	73·9	78·7	69·6	73·2	·672	+·084	·736	80	+ 3
Vizagapatam ...	126	29·875	−·013	29·785	81·2	+ 0·4	84	3	68·4	+ 0·5	64	7	72·1	78·4	68·3	72·0	·630	+·058	·696	82	+10
Calingapatam ...	19	29·987	−·016	29·892	83·2	+ 1·3	87	7, 21	66·4	+ 2·9	61	1	69·8	77·7	67·5	71·9	·627	+·060	·703	88	+ 4
Hill Stations, excluding Kashmir and Baluchistan																					
Maymyo ...	3,546	26·482	+·013	26·417	72·0	+ 1·7	77	27, 28	43·6	+ 3·5	40	4 days	48·9	61·8	48·4	57·4	·328	+·010	·413	97	+ 6
Haka ...	6,100	24·128		24·092	63·5		71	5, 6	43·0		35	7	48·1	57·4	39·9	48·0	·164		·236	51	
Kanpetlet ...	6,322	23·950		23·920	64·3		75	6	45·5		39	14	56·0	53·3	45·3	49·9	·190		·323	45	
Shillong ...	4,921	25·169	+·010	25·132	61·3	+ 0·7	68	2	40·2	+ 1·0	35	29	46·7	52·3	43·3	49·8	·237	+·002	·331	76	+ 3
Cherrapunji ...	4,309	25·748	+·028	25·696	61·6	+ 1·3	70	1, 2	47·8	+ 1·9	44	19, 21	53·9	55·2	49·4	52·1	·301	+·023	·353	76	+ 3
Aijal ...	3,599	26·406		26·352	69·9		75	2	53·9		50	22	58·1	59·9	52·5	54·9	·339		·375	73	
Darjiling ...	7,432	22·928	−·004		47·5	+ 0·1	59	2	38·0	+ 2·6	34	11, 19	40·9		38·5		·211	+·015		83	+ 3
Kalimpong ...	3,913	26·119	+·006	26·045	60·5	+ 1·6	67	1	48·0	+ 2·1	44	29	51·3	53·7	48·3	50·4	·300	+·013	·320	80	− 2
Katmandu ...	4,388	25·712		25·627	66·1	0	73	25	36·7	+ 0·4	32	2, 7, 8	40·4	58·6	39·3	51·0	·226		·287	92	
Muktesar ...	7,592	22·825	+·004	22·797	47·2	− 3·5	55	24	33·4	− 2·3	26	26	39·4	41·5	33·9	37·2	·138	+·012	·173	61	+ 8
Mussooree ...	6,940	23·869	+·033	23·838	48·9	+ 0·6	56	5, 10	35·1	− 2·2	28	28	39·8	41·8	35·7	38·9	·170	+·019	·206	70	+ 9
Simla ...	7,224	23·090	+·006	23·061	46·7	− 0·8	56	22	35·3	+ 0·1	29	5, 26	40·2	41·5	33·2	36·7	·116	−·005	·168	52	+ 5
Murree ...	7,082	23·180	+·018	23·166	40·9	− 2·6	54	22	29·5	− 1·4	19	15	33·8	37·0	30·8 d	33·4 d	·136	+·001	·186	67 d	+ 7
Cherat ...	4,272	25·753	−·005		46·0	− 3·9	53	10	37·4	− 1·5	27	15	40·5		35·6		·154	+·014		63	+ 9
Parachinar ...	5,673	24·450	−·017	24·439	48·3	− 2·2	59	21	27·3	− 1·8	14	2	32·2	42·5	29·1	35·7	·132	−·017	·139	76	+ 3
Drosh ...	4,723	25·402			42·5	− 5·3	50	31	31·0	− 0·7	22	3, 4	33·1		30·6		·147	−·061		77	+ 4
Mount Abu ...	3,945	26·087	0	26·031	65·9	− 0·1	73	30	49·6	− 1·7	39	2	58·2	61·5	47·3	49·1	·196	−·005	·204	43	0
Pachmarhi ...	3,528	26·5[illegible]	+·008	26·458	74·6	+ 2·8	80	31	51·0	+ 3·4	45	16, 21, 29	64·9	70·6	57·3	60·2	·380	+·086	·397	63	0
Mahableshwar ...	4,594	25·561		25·501	76·5		84	29, 30	59·4		53	1	64·9	71·3	54·3	58·5	·296		·351	49	
Mercara ...	3,781	26·226	+·001	26·145	77·5	+ 0·2	81	29, 30	57·9	+ 1·2	54	1	62·0	76·1	58·9	70·1	·464	+·025	·662	84	+ 5
Ootacamund ...	7,364	23·081	+·009		69·2	+ 3·6	75	28	40·5	− 2·5	30	19	50·4		43·3		·204	−·061		59	+ 4
Coonoor ...	5,730	24·491		24·430	67·5		71	7, 29, 30	46·8		37	1	57·7	63·8	50·4	55·7	·274		·356	61	
Kodaikanal ...	7,688	22·819	+·017	22·774	65·1	+ 3·1	69	6 days	46·1	− 0·6	40	11	52·0	56·5	46·2	52·1	·242	+·033	·340	67	+13
Ceylon																					
Colombo ...	24	29·882	−·004	29·765	87·7	+ 0·5	92	30	72·6	+ 0·8	69	23	75·0	85·0	72·0	76·2	·743	−·009	·777	86	+ 3
Trincomalee ...	24	29·907	−·002	29·839	81·3	− 1·6	88	11, 12, 16	76·5	+ 2·2	71	1	78·9	80·1	73·7	74·5	·768	−·020	·791	77	− 8
Hambantota ...	61	29·819	−·017	29·728	86·4	+ 1·8	90	29, 30	73·3	+ 0·9	69	18	77·5	82·0	73·5	76·4	·756	+·023	·820	82	− 8
Nuwara Eliya ...	6,170	24·084		24·025	67·2		73	24	49·5		37	19	54·5	62·9	53·4	58·6	·390		·454	98	
Arabia																					
*Aden ...	98	29·937	+·035		80·3	+ 0·1	88	24, 29, 30	73·1	+ 0·5	70	10	74·7		69·9		·665	+·025		77	+ 1

* Records observations at 7 hrs. (L. M. T.). d = Mean of 27 days.

Cloud amount (tenths of sky).		Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																		STATION.
										8 hrs. L. M. T.									17 hrs. I. S. T.									
Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																												Malabar
0	2·4	0	− 0·06	0		0	− 0·1	5·3	+ 2·3	0	10	21	0	0	0	0	0	0	0	0	0	0	0	5	4	22	0	Mangalore
+2·7	3·6	0	− 0·40	0		0	− 0·5	6·4	+ 1·2	0	7	23	1	0	0	0	0	0	0	0	0	0	0	2	22	7	0	Calicut
+0·5	2·6	0	− 0·69	0		0	− 0·9	5·0	+ 1·0	0	13	17	1	0	0	0	0	0	0	0	0	0	0	4	24	3	0	Cochin
−0·8	3·4	0	− 0·74	0		0	− 1·5	2·2	− 0·6	1	2	3	0	0	0	1	0	24	0	0	0	0	2	15	12	0	2	Trivandrum
																												Madras, Southeast
+3·0	4·7	1·17	− 0·96	1·12	12	1	− 2·2	15·2	+ 6·5	13	16	1	0	0	0	0	1	0	7	20	3	0	0	0	0	1	0	Pamban
+1·3	5·1	0·02	− 0·58	0·02	2	0	− 1·2	6·4	+ 2·1	6	10	6	0	0	0	2	7	0	0	11	15	4	1	0	0	0	0	Madura
+1·0	5·4	0·16	− 1·52	0·16	2	1	− 1·4	12·5	+ 5·7	0	18	0	0	0	0	0	13	0	0	31	0	0	0	0	0	0	0	Negapatam
+1·3	5·5	0	− 0·68	0		0	− 1·2	5·1	+ 1·9	6	21	0	0	0	0	0	3	1	1	24	6	0	0	0	0	0	0	Trichinopoly
+0·9	4·4	0	− 0·59	0		0	− 1·0	4·5	+ 2·0	9	13	6	0	0	0	0	2	1	1	13	14	2	1	0	0	0	0	Coimbatore
+0·7	5·2	0	− 0·31	0		0	− 0·5	6·9	+ 3·5	3	14	7	1	0	0	2	0	4	1	6	18	5	1	0	0	0	0	Salem
+1·2	4·2	0·11	− 1·45	0·06	2	0	− 1·9	6·0	+ 2·3	1	2	0	0	0	0	0	28	0	0	30	1	0	0	0	0	0	0	Cuddalore
+0·8	3·1	0	− 1·49	0		0	− 2·0	3·9	+ 1·9	12	4	0	1	2	1	2	7	2	3	12	11	4	1	0	0	0	0	Vellore
+2·4	5·7	0	− 1·43	0		0	− 1·7	9·8	**+ 0.7**	7	5	3	0	0	0	4	13	0	3	21	7	0	0	0	0	0	0	Madras
																												Madras, Deccan
+2·3	4·1	0	− 0·43	0		0	− 0·6	7·1		0	1	3	22	0	0	0	0	5	0	0	3	28	0	0	0	0	0	Cuddapah
+0·1	3·2	0	− 0·11	0		0	− 0·2	4·2	+ 1·6	0	0	1	14	12	1	0	0	3	0	0	11	17	3	0	0	0	0	Bellary
+1·3	3·2	0	− 0·18	0		0	− 0·4	4·6	+ 1·7	0	1	9	8	2	0	0	2	9	0	3	12	12	3	0	0	0	1	Kurnool
	4·7	0		0		0		4·3		0	2	7	10	7	1	1	0	3	0	2	11	16	2	0	0	0	0	Rentichintala
																												Madras Coast, North
−0·4	3·5	0	− 1·68	0		0	− 1·5	3·3	+ 0·6	4	1	0	0	0	0	2	20	4	0	1	29	1	0	0	0	0	0	Nellore
+1·9	2·8	0	− 0·23	0		0	− 0·4	4·4	+ 0·8	21	7	1	0	0	0	0	1	1	0	0	7	18	6	0	0	0	0	Masulipatam
+0·8	2·0	0	− 0·19	0		0	− 0·4	5·8	+ 0·3	2	11	1	1	0	0	0	11	5	0	0	1	30	0	0	0	0	0	Cocanada
−0·1	2·2	0	− 0·46	0		0	− 0·5	2·8	+ 0·3	4	0	0	0	0	0	0	0	27	0	2	11	11	6	1	0	0	0	Vizagapatam
−0·1	3·0	0	− 0·29	0		0	− 0·7	4·3	− 0·5	12	0	0	0	0	0	3	16	0	0	0	2	16	13	0	0	0	0	Calingapatam
																												Hill Stations, excluding Kashmir and Baluchistan
+1·2	1·9	0·02	− 0·07	0·02	12	0	− 0·4	1·7	+ 0·5	1	2	2	0	0	0	0	0	26	0	0	0	0	0	0	4	0	27	Maymyo
	2·7	0·10		0·10	11	1		6·5		3	11	5	0	0	0	0	0	12	1	7	9	1	0	0	0	0	13	Haka
	4·5	0		0		0		3·2		1	4	10	2	1	3	0	1	9	0	0	1	0	2	9	1	1	17	Kanpetlet
+2·9	9·6	1·06	+ 0·73	0·39	29	3	+ 2·2	2·3	+ 0·9	1	0	0	1	1	6	1	0	21	4	2	1	0	1	3	0	1	19	Shillong
+1·2	6·9	1·65	+ 1·20	1·12	28	3	+ 1·9	5·2	+ 2·2	0	12	2	2	1	8	2	2	2	2	4	1	1	5	12	2	2	2	Cherrapunji
	1·9	0·38		0·32	17	1		4·4		1	2	10	3	1	6	2	2	4	1	0	0	0	2	9	8	10	1	Aijal
+1·5		0·29	− 0·26	0·24	26	1	− 0·3	3·2	+ 0·6	0	5	10	3	1	2	3	0	7										Darjiling
+1·4	4·4	0·09	− 0·36	0·09	26	0	− 1·3	7·0		3	0	0	3	1	0	1	23	0	0	0	0	25	5	0	0	1	0	Kalimpong
	3·9	0·43	− 0·72	0·40	26	1	− 0·6	1·2		0	1	1	1	0	0	1	0	27	5	1	0	0	1	0	5	3	16	Katmandu
+1·7	6·6	4·58	+ 2·40	1·61	26	6	+ 2·3	5·5	+ 0·4	1	10	2	5	1	3	6	2	1	0	5	1	2	5	4	10	3	1	Muktesar
+2·9	6·5	5·60		1·49	1	10		4·3		7	4	6	3	3	2	0	2	4	4	4	2	2	6	2	1	0	10	Mussoorie
+3·0	7·9	4·56	+ 1·85	1·44	1	7	+ 2·3	3·3	− 0·8	3	1	1	11	8	2	0	0	5	2	6	0	7	8	3	0	0	5	Simla
+1·5	7·7	5·86	+ 2·13	1·45	19	13	+ 7·3	9·0		0	4	9	15	1	0	0	0	2	0	1	15	12	2	0	0	0	1	Murree
+0·9		1·79	− 0·72	0·92	19	4	+ 0·1	14·6	+ 4·8	14	2	0	1	1	0	0	12	1										Cherat
−0·7	4·9	2·20	+ 0·08	0·85	27	7	+ 2·5	3·0	+ 1·2	10	1	0	0	0	0	2	3	15	5	0	2	5	1	1	3	3	11	Parachinar
+3·1		2·34	+ 1·43	0·51	13	6	+ 3·2	3·8	+ 1·2	0	3	6	3	1	0	1	0	17										Drosh
+1·8	4·3	0	− 0·26	0		0	− 0·7	1·7	− 2·1	0	1	1	0	1	2	4	4	18	5	0	0	0	0	9	1	5	11	Mount Abu
+4·1	6·4	0·99	+ 0·33	0·38	9	2	+ 0·7	2·7	+ 0·2	0	2	0	5	7	4	6	3	4	3	2	1	2	3	3	6	7	4	Pachmarhi
	0·3	0	− 0·14	0		0	− 0·2	5·3		0	1	19	6	0	1	0	1	3	1	0	0	1	1	11	14	2	1	Mahableshwar
−0·2	2·9	0	− 0·15	0		0	− 0·3	5·7	+ 2·2	0	5	6	0	0	0	0	0	20	0	3	4	0	0	0	0	1	23	Mercara
+0·2		0	− 1·51	0		0	− 2·0	3·7	+ 0·8	1	8	4	3	2	0	1	0	12										Ootacamund
	3·6	0		0		0		3·7		3	3	4	3	3	1	0	2	12	0	2	6	15	8	0	0	0	0	Coonoor
+0·3	5·4	0·04	− 2·84	0·03	4	0	− 3·9	8·4	− 0·9	1	4	3	18	3	0	0	0	2	0	4	3	15	6	0	1	0	2	Kodaikanal
																												Ceylon
−0·7	6·4	1·68	− 1·74	0·45	2	6	+ 1·3			0	25	4	0	0	0	0	0	2	5	4	0	0	1	4	6	11	0	Colombo
+1·4	6·2	6·62	+ 0·87	1·88	31	12	+ 4·5			12	17	1	0	0	0	0	0	1	14	15	2	0	0	0	0	0	0	Trincomalee
+0·2	4·2	1·70	− 1·91	1·10	31	4	− 2·1			4	27	0	0	0	0	0	0	0	0	6	24	1	0	0	0	0	0	Hambantota
	7·7	4·05	− 1·78	1·57	31	5																						Nuwara Eliya
																												Arabia
+0·5		0	− 0·34	0		0	− 0·7	9·8	− 0·2	14	10	4	1	0	0	1	0	1										*Aden

TABLE III—ABSTRACT OF OBSERVATIONS RECORDED

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Relative humidity %	
		Mean 4 hrs. G. M. T.	Departure from normal.	Mean 12 hrs. G. M. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 4 hrs. G. M. T.	Mean 12 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Mean 12 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Departure from normal.	Mean 12 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Departure from normal.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Iran																					
†Charbar ...	25																				
Jask ...	13	30·037		29·972	74·8	+ 0·7	81	29	62·0	+ 1·6	57	4	64·7	72·5	60·3	65·9	·457		·551	76	
Bunder Abbas ...	~~29~~ 25	30·031		29·962	73·4		83	29	57·3		52	4	61·1	70·4	56·9	62·8	·411		·475	77	
Bushire ...	14	30·027		29·983	67·9	+ 3·7	77	11	52·1	+ 0·8	44	31	58·0	65·7	57·5	64·5	·458		·603	97	
Ispahan ...	5,817	24·27*		24·26*	47·6	+ 0·2	56	21	28·1	+ 3·7	21	1, 2	32·5	47·1	30·0	39·4	·143		·160	77	
Meshed ...	3,104	26·62*		26·57*	49·1	+ 2·9	62	8	30·2	+ 7·8	19	1	33·8	47·0	32·4	41·0	·164		·188	86	
Seistan ...		28·471		28·415	56·5	− 1·3	65	10, 12	32·6	− 1·7	24	1, 3, 15	39·9	51·8	35·9	43·3	·162		·173	67	
Arabia																					
Bahrein ...	8	30·041		29·985	69·5	+ 3·4	77	9, 28	58·5	+ 2·1	52	17	61·4	67·9	57·9	60·9	·435		·442	81	
Muscat ...	15	30·032		29·958	74·7	+ 0·3	81	29	66·5	− 0·2	60	4	68·3	72·6	66·2	70·3	·611		·698	89	
Sharjah ...	18	30·039		29·976	75·5		82	15	56·9		51	30	59·7	72·7	56·2	63·2	·402		·448	80	

* Aneroid. † Register not received. *a*—Mean of 30 days. *b*—Mean of 29 days. *h*—Mean of 28 days.

TABLE IV—ABSTRACT OF OBSERVATIONS RECORDED AT 8 HRS. (L. M. T.) AT 4TH CLASS STATIONS—JANUARY 1938

STATION.	Maximum temperature °F.				Minimum temperature °F.				Mean dry bulb temperature 8 hrs. L. M. T. °F.	Mean wet bulb temperature 8 hrs. L. M. T. °F.	Vapour pressure, inches.		Relative Humidity %		Mean cloud amount 8 hrs. L. M. T.	Rainfall, inches.				Number of rainy days (0·10" or more).		Wind.	
	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.			Mean 8 hrs. L. M. T.	Departure from normal.	Mean 8 hrs. L. M. T.	Departure from normal.		Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Resultant direction 8 hrs. L. M. T.	Velocity in miles per hour 8 hrs. L. M. T.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Assam																							
Lumding ...	73·9	+ 0·3	79	27, 28	50·0	+ 2·2	45	31	55·5	54·2	·397		90			1·56	+0·87	0·68	11	4	+ 2·4		
Bengal																							
Pabna ...	81·2	+ 2·0	85	4 days	54·9	+ 2·1	51	5 days	62·2	59·2	·459	+ ·039	83	+ 1		0·08	−0·21	0·05	16	0	− 0·6		
Punjab, East and North																							
Gurdaspur ...	62·7		69	14, 22	42·2		37	21	46·4	45·6	·297		93		6·2	3·95		2·71	1	3		W	
Kashmir																							
Jammu ...	61·1	− 4·0	67	5, 18	48·6	+ 0·9	44	2	50·5	47·3	·282	+ ·010	76	+ 3	6·2	4·36	+2·08	1·90	1	6	+ 2·3	N 36 E	
Kargil ...	22·5	− 4·7	37	14	7·3	+ 4·4	−10	21	11·0	10·6	·070		94		7·6	2·62	+1·38	0·50	4 days	7	+ 3·6	N 23 E	
N.-W. F. Province																							
Bannu ...	63·9		75	11	41·5		36	15	45·7	41·4	·197		67		4·3	0·67		0·49	27	2		S 81 W	
Wana ...	49·7		60	10	25·8		8	1	22·1*a*	20·1*a*	·146		81*a*		5·1	1·27		0·40	25	5		S 42 W	
Hyderabad, North																							
Bidar ...	84·6	+ 1·2	88	29, 30	64·0	+ 3·5	60	1	70·7	62·7	·468	+ ·026	62	+ 2	1·7	0	−0·22	0		0	− 0·4	S 3 W	
Mysore																							
Nandi ...	72·7		76	22, 29	54·3		51	12	60·4	53·5	·321		63		2·2	0		0		0			
Tibet																							
Yatung (Chumbi) ...	46·3	+ 1·8	59	4	19·4	− 0·7	13	22	25·0	24·0	·122	+ ·009	90	+11	2·5	1·07	+0·41	0·88	26	2	+ 0·1		
Iran																							
Zahidan ...	55·5		78	11	32·5		18	14	41·2	38·6	·209		79		2·0	2.78		1·36	29	6		S 6 E	

a—Mean of 30 days.

d amount hs of sky).		Rainfall, inches.				Number of rainy days (0·10 or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																	STATION.
										4 hrs. G. M. T.									12 hrs. G. M. T.								
Departure from normal.	Mean 12 hrs. G. M. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																												Iran
																												†Charbar
	5·2	1·56	+ 0·43	0·78	3	3	+ 0·7	8·5	+ 0·9	13	7	4	1	0	0	1	3	2	1	0	4	10	5	2	8	1	0	Jask
	4·1	2·70		1·41	16	3		6·2		11	10	1	0	0	0	2	6	1	0	2	3	6	13	6	1	0	0	Bunder Abbas
	5·6	2·73	0	0·50	24	9	+ 4·4	8·4	+ 2·6	4	4	10	8	1	1	0	3	0	5	3	0	11	1	1	3	7	0	Bushire
	4·5[a]	1·26	+ 0·61	0·51	10	4	+ 2·2	2·0	+ 0·1	0	1	0	0	0	4	0	0	26	0	2	4	1	0	4	2	0	17	Ispahan
	6·3	1·99	+ 1·18	0·65	12	4	+ 1·8	1·6	+ 0·5	1	0	1	0	0	0	0	0	29	1	0	0	1	0	0	0	0	29	Meshed
	4·3	0·89	+ 0·47	0·25	29, 30	3	+ 1·4	1·8	− 2·4	0	0	0	0	0	0	0	5	26	0	0	0	0	0	0	0	4	27	Seistan
																												Arabia
	6·2	0·57	+ 0·16	0·16	3, 16	3	+ 1·9	7·4		1	1	1	10	2	1	1	10	4	5	1	2	9	1	0	0	13	0	Bahrein
	3·5	0	− 1·16	0		0	− 2·0	4·0	+ 0·4	1	0	0	0	2	0	1	3	24	4	8	3	1	0	0	1	8	6	Muscat
	5·3	1·21		0·80	17	2		6·6		0	0	6	12	8	0	3	1	1	6	2	0	0	1	1	7	14	0	Sharjah

a—Mean of 30 days.

TABLE V—ABSTRACT OF OBSERVATIONS RECORDED AT 8 HRS. (L. M. T.) AT 5TH CLASS STATIONS—JANUARY 1938

IVISION.	STATION.	Rainfall, inches.				Number of rainy days (0·10 or more).		DIVISION.	STATION.	Rainfall, inches.				Number of rainy days (0·10 or more).	
		Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.			Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.
1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8
l ...	*Bankura ...							Baluchistan ...	Harnai ...	2·32	+1·51	0·90	29	5	+3·2
	Rampur Boalia ...	0·47	+0·12	0·30	16	2	+1·2								
	Sirajganj ...	0	−0·32	0		0	−0·7	Rajputana, East...	Udaipur ...	0	−0·11	0		0	−0·2
	*Rangpur ...							Bombay Deccan ...	Khandala ...	0		0		0	
	Cooch Behar ...	0	−0·19	0		0	−0·5								
								Hyderabad, North.	Parbhani ...	0	−0·56	0		0	−0·9
...	Muzaffarpur ...	0·60	+0·08	0·60	26	1	−0·1								
	Chapra ...	0·89	+0·34	0·80	26	1	−0·2	Madras Southeast.	Palamcottah ...	0·04	−1·46	0·02	4, 5	0	−2·3
	Arrah ...	0·96	+0·33	0·85	26	2	+0·8								
	Dehri ...	0·85	+0·27	0·85	25	1	−0·4	Madras Deccan ...	Anantapur ...	0	−0·35	0		0	−0·4
								Sikkim ...	Gnatong ...	1·47	−0·29	0·55	26	5	+2·1
d Provinces t.	Meerut ...	3·55	+2·27	1·30	1	4	+1·6		Lachung ...	1·83	+1·09	0·66	27	5	+2·1
ab, East and sh.	Dharampore ...	4·76		1·20	31	7									
	†Kyelang ...														
	Dalhousie ...	11·56	+4·72	3·10	1	12	+5·5								
mir ...	Sonamarg ...	14·86	+4·54	3·05	1	15	+3·8								
	Gurez ...	8·02		3·40	1	10									

*Register not received. † Temporarily closed.

K. P. P.—S 669—325—23-4-38.

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MONTHLY FREQUENCY TABLES

of

Horizontal Visibility, Height of Base of Low Cloud and Surface and Upper Winds at Pilot Balloon Stations

January 1938

Supplement to the Monthly Weather Report, January 1938

Published by authority of the Government of India

Tables of Wind Frequency:—Data for table 1 are obtained from pilot balloon ascents at dawn, except for stations marked (a_1) and (a_2), where ascents are made at 0900 hrs. (I. S. T.) and 0900 hrs. (L. T.) respectively. Table 4 is based on ascents generally at 1400 hrs. (I. S. T.); at stations marked (b_1), (b_2) and (c), ascents are made at 1500 hrs. (I. S. T.), 1500 hrs. (L. T.) and 1600 hrs. (I. S. T.) respectively. Table 7 gives data from p. b. ascents at 0330 hrs. (I. S. T.) for stations marked (d_1), and at 0330 hrs. (L. T.) for those marked (d_2). Indian Standard Time = Greenwich Mean Time + 5 hours 30 minutes. Occasionally, due to weather conditions, results of an ascent made 2 to 4 hours after the routine hours are used.

The symbols used in the tables of wind frequency have the following meaning:— ϕ = Latitude of the station; λ = Longitude of the station; H_s = Height of the anemometer head (i.e. to which the values of the surface wind relate) above mean sea level; C = the number of observations when the speed of wind is 5 km./hr. or less and n = number of observations.

Tables of Frequency of Heights of base of Low cloud:—Tables 2, 5, 8 and 11 are based on observations made at the routine hours of pilot balloon flights or within half an hour of the same. Heights which are either measured or estimated are given.

In the first row of these tables, for amounts of low cloud 1-10, the number under code figure 9 gives occasions when there was no low cloud, and in the second row, for amount of low cloud = 9 or 10, the number under this code figure gives all occasions when the total amount of cloud (whether low, medium or high) was 9 or 10.

Tables of Frequency of Horizontal Visibility:—Data for table 3 are obtained from observations during 0700-0900 hrs. (Local time), for table 6 from observations during 1400-1600 hrs. (Local time), and for table 9 from observations at about 0330 hrs. I.S.T. or Local time.

The Code figures used in the tables Nos. 2, 3, 5, 6, 8, 9 and 11 have the following meaning:—

Code figure ...	0	1	2	3	4	5	6	7	8	9
Cloud height ...	Less than 50 m.	50 to 99 m.	100 to 199 m.	200 to 299 m.	300 to 599 m.	600 to 999 m.	1000 to 1499 m.	1500 to 1999 m.	2000 to 2500 m.	No Low cloud / Total amount of cloud = 9 or 10
Visibility ...	Less than 50 m.	50 to 200 m.	200 to 500 m.	500 to 1000 m.	1000 to 2000 m.	2000 to 4000 m.	4000 to 10000 m.	10000 to 20000 m.	20000 to 50000 m.	Greater than 50000 m.

POONA:
The 16th August 1938.

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

[Price 6 annas.]

STATION.	Speed limits (km./hr.).	Surface.										0·5 km. above Surface.										1·0 km. a. s. l.										2·0 km. a. s. l.							
		n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W
Agra ...	6–25	31	2	2	6				4	7	10	29	3	2	3	3		1		7		28	2	1	2	1	1	1	4	5	3	28						3	5
ϕ = 27° 08′ N ...	26–50												2			1	1			3	2					2			2	3						3	2	7
λ = 78° 01′ E ...	51–75															1										1												
H_s = 181 metres ...	>75																																						
Ahmedabad ...	6–25	31		10			1			1	19	31	4	3	4	1	2	1		5		31	7	3	3	3	1	3	5	8	1	31	2	1				3	7
ϕ = 23° 02′ N ...	26–50												1	1	2	2				2								1		1						2	4	6
λ = 72° 35′ E ...	51–75														3																						2	1
H_s = 55 metres ...	>75																																						
Allahabad (a_1) ...	6–25	31			6	2		2	5	3	13	28			4	4	3	2	4	4	1	27		2	1	4	4		5	4	1	26						2	4
ϕ = 25° 26′ N ...	26–50															1			1	4									3	3						2	7
λ = 81° 50′ E ...	51–75																																					1
H_s = 111 metres ...	>75																																						
Bahrein(a_2) ...	6–25	31			1	8		1		9	10	31	5		2	3	4	1			2	31	2		2	1	4	2	2		2	25	1		1		4	1	2
ϕ = 26° 14′ N ...	26–50		1							1			1		1		2	1		5			3			2	4	1	2			2			2	5	4
λ = 50° 35′ E ...	51–75												1				3						1				1	1								1	
H_s = 14 metres ...	>75																																						
Bangalore ...	6–25	31		2	24	3					2	29		1	7	1						30			22	5						26		3	6	3			
ϕ = 12° 58′ N ...	26–50														14	4									3										12	1			
λ = 77° 36′ E ...	51–75														2																				1				
H_s = 936 metres ...	>75																																						
Bhuj ...	6–25	31	1	5				1	1	1	22	31	5	5	1	1			1	2		31	6	7	1		2	1	4	4		31	1					2	7
ϕ = 23° 15′ N ...	26–50												4	10						1			3	3									1				3	4
λ = 69° 48′ E ...	51–75													1																								
H_s = 113 metres ...	>75																																						
Bombay (Juhu) (a_1) ...	6–25	31	2	6	3	5				1	14	31	2	14	3	4	1	1		1	2	31	6	3	2	7	2		4	6		30				5	6	3	2
ϕ = 19° 17′ N ...	26–50												1	1		1										1										10	3	
λ = 72° 50′ E ...	51–75																																						
H_s = 5 metres ...	>75																																						
Calcutta (a_1) ...	6–25	31	1	11				1		2	16	31	6	8	1	2		5	1		4	31	4	2	2			3	7	6	2	29	2				1	2	2
ϕ = 22° 32′ N ...	26–50												2					1		1			1					2	2							1	6
λ = 88° 20′ E ...	51–75																																						1
H_s = 22 metres ...	>75																																						
Chittagong ...	6–25	31	5	4		1					21	31	14	4		1		1		3	3	31	11	1	1		2	2	1	5	2	31							9
ϕ = 22° 21′ N ...	26–50												5										2							4								3
λ = 91° 50′ E ...	51–75																																						
H_s = 21 metres ...	>75																																						
Dacca ...	6–25	31	1			1			1		28	29	5	5				1		10	4	28	3	1			1		7	12		27							5
ϕ = 23° 43′ N ...	26–50																	1	2	1								1		3								6
λ = 90° 24′ E ...	51–75																																						
H_s = 21 metres ...	>75																																						
*Dera Ismail Khan ...	6–25	28	2	1	1	1			1	11	11	28	8	1		1		1		7	4	27	9	1		1		2	1	8	2	27	5	4			1	1	4
ϕ = 31° 51′ N ...	26–50												1						1	3			1						1				1				1	1
λ = 70° 56′ E ...	51–75																			1										1								
H_s = 189 metres ...	>75																																						
*Fort Sandeman ...	6–25	4						1			3	3				1			2																	1	1	1
ϕ = 31° 21′ N ...	26–50																																						
λ = 69° 27′ E ...	51–75																																						
H_s = 1419 metres ...	>75																																						
Gaya (a_1) ...	6–25	31		2		2		7	2	1	17	30	2		5	6	1		8	3		29	2		2	1	3		10	3		29					1		6
ϕ = 24° 49′ N ...	26–50														1				2	2					1			1	2	4						1		3
λ = 85° 01′ E ...	51–75																																						3
H_s = 117 metres ...	>75																																						
Gwador(a_2) ...	6–25	31	2	7	2	1	3		1	3	12	29	4	3	4	1	3	4	4	2	1	28	3	1	1	1	4	2	5	4	1	25		1	1		3		5
ϕ = 25° 08′ N ...	26–50												1			1	1						3				2		1								1	4
λ = 62° 19′ E ...	51–75																																						
H_s = 10 metres ...	>75																																						
Hyderabad (Dn.) ...	6–25	31				8					23	30			5	10	1					30			4	9	1					29	7	8	2	1	3		2
ϕ = 17° 26′ N ...	26–50															12	2								1	13	2						1	1		1		
λ = 78° 27′ E ...	51–75																																						
H_s = 555 metres ...	>75																																						
Jacobabad (a_1) ...	6–25																																						
ϕ = 28° 17′ N ...	26–50																																						
λ = 68° 29′ E ...	51–75																																						
H_s = 66 metres ...	>75																																						
Jodhpur (a_1) ...	6–25	31	1	23	1						4	31	4	5	5	1	3	1		2		30	3	6	6	1	1	3	3	4	2	30	1				3	4	9
ϕ = 26° 18′ N ...	26–50			2										4	3	1				2				1								1				1	6
λ = 73° 01′ E ...	51–75																																				1		
H_s = 232 metres ...	>75																																						
Jubbulpore ...	6–25	31	2	2		1	2				24	27	1	4	1	4	3	2	1	1	1	26	1	3	1	2	3	3	1	2		25					2	4	6
ϕ = 23° 10′ N ...	26–50												1	1	1	1	4						1		1		4	1					1				1	6
λ = 79° 57′ E ...	51–75																1										1											2
H_s = 402 metres ...	>75																																						

* Fort Sandeman started on 28-1-38 on the close of D. I. Khan after the dawn observations on that day.

3·0 km. a. s. l.										Amounts of low cloud.	No. of observations with Code figures.										No. of observations with Code figures.										STATION.
n	N	NE	E	SE	S	SW	W	NW	C		0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
4						1	1			1 — 10	1				4		3	1	2	20			1	4	4	9	13				Agra
					1	4	3	5																							
						1	2	1		9 or 10	1				1		1			12											
0				1		1	2			1 — 10										31							4	24	3		Ahmedabad
	2				1	9	6																								
						3	2	2		9 or 10										7											
						1																									
1						2	1	2		1 — 10				1	1	1		1	2	25					4	8	10	9			Allahabad (a_1)
							4	4																							
							7	3		9 or 10				1	1	1			1	9											
								1																							
3		1				2	3	1		1 — 10						1	9	4	1	16			1	1	2	1	15	11			Bahrein (a_2)
						2	2	5																							
						1	1			9 or 10								2		10											
1		4	7	4	1		1	1		1 — 10	11			3	1	5	1			10			2	1	5	4	13	5	1		Bangalore
		2	1																												
										9 or 10	11			3		1	1			16											
						3	3			1 — 10										31								31			Bhuj
	2					5	11	3																							
						1	3	2		9 or 10										6											
9	2	1	1		3	3	3	3	1	1 — 10						1		2		28					1	2	25	1			Bombay (Juhu) (a_1)
	2				3	7																									
										9 or 10										1											
5					1		3	1		1 — 10						1	2	2	1	25			2	5	15	9					Calcutta (a_1)
						1	4	6																							
								2		9 or 10										1											
6							7			1 — 10						3				23						3	22	6			Chittagong
							13	4																							
								2		9 or 10										6											
4							1			1 — 10	2				2			3	1	23		1			15	13	2				Dacca
							13	3																							
							2	2		9 or 10	2				1					3											
							1	2																							
1	1				1	1	5	3	2	1 — 10						1				27					3	4	18	3			Dera Ismail Khan
						1	1	2																							
										9 or 10										9											
3	1									1 — 10	2			1						1						1	2	1			Fort Sandeman
							1																								
								1		9 or 10				1						2											
3					1		1	3		1 — 10			1			1	1			28				1	4	4	22				Gaya (a_1)
							8	6																							
						1	3	6		9 or 10			1			1				5											
2						1	5	1		1 — 10					1	8	8			14					1	4	8	16	2			Gwador (a_2)
	1						9	3																							
							2			9 or 10						2	2			13											
3	2	6	1	1	3	4	3	2	1	1 — 10				1	1				1	28		1		1	10	2	15	1	1		Hyderabad (Dn.)
	2	1			1	1																									
										9 or 10				1	1				1	3											
										1 — 10												1			3	22	5				Jacobabad (a_1)
										9 or 10																					
9	4					1	7			1 — 10					1					30						5	26				Jodhpur (a_1)
					1	1	8																								
						3	7			9 or 10					1					15											
9						2	1	2		1 — 10	2			1	2	1		1	5	19				2		1	3	17	7	1	Jubbulpore
						1	6	2																							
						1	4	1		9 or 10																					
											2			1	1	1				9											

STATION.	Speed limits (km./hr.).	Surface.										0·5 km. above Surface.										1·0 km. a. s. l.										2·0 km. a. s. l.							
		n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W
Karachi (Drigh Road) (a_1) ϕ = 24° 54′ N ... λ = 67° 11′ E ... H_s = 30 metres ...	6–25	31	2	14	1						14	31	7	3	5		1	2	2	1	1	29	9	4	4			1	3	3	2	29	3	1	1			1	2
	26–50												2	4	2									4						1								1	6
	51–75													1															1										
	>75																																						
Lahore ... ϕ = 31° 35′ N ... λ = 74° 20′ E ... H_s = 221 metres ...	6–25	31	1	2		1				1	26	30	6	2	3	1	2	1	2	10	2	30	5	2	3	2	1	2	1	10	2	29	3		1		2	4	5
	26–50																			1							1		1							2	2	
	51–75																																			1			
	>75																																						
Madras ... ϕ = 13° 04′ N ... λ = 80° 15′ E ... H_s = 13 metres ...	6–25	31								1	30	31	1	15	13							31		3	16	2						28		1	8	3	2		
	26–50													2										3	7									2	10				
	51–75																																	1	1				
	>75																																						
Malegaon ... ϕ = 20° 33′ N ... λ = 74° 32′ E ... H_s = 437 metres ...	6–25	31					1		1	13	16	31	3	7	5	7	1	1	2	1	1	31	1	7	4	6	3	1	2	2	2	31				2	11	8	1
	26–50														2	1									2	1									1		6	
	51–75																																						
	>75																																						
Mangalore ... ϕ = 12° 52′ N ... λ = 74° 51′ E ... H_s = 40 metres ...	6–25	31		8	20						3	31	5	1	14	1				2		31	1	3	13	11			1			31		5	9	5	2	1	
	26–50														7										2									3	3	2			
	51–75														1																					1			
	>75																																						
New Delhi (a_1) ... ϕ = 28° 39′ N ... λ = 77° 15′ E ... H_s = 227 metres ...	6–25	31	2		2	2			12	6	7	30		2	1	2	1	1	2	8	2	28	4			2	2	1	4	8	2	26	1			1	2	3	5
	26–50												1			3				6						1	1			3					1	1	1	2
	51–75														1																								
	>75																																						
Peshawar ... ϕ = 34° 01′ N ... λ = 71° 35′ E ... H_s = 363 metres ...	6–25	31				1	1	4			25	30	5	2		2	1	3	3	7	6	30	3	3		1	1		3	15	3	29	9	5	1	3			
	26–50												1										1												1				
	51–75																																						
	>75																																						
Poona ... ϕ = 18° 32′ N ... λ = 73° 51′ E ... H_s = 589 metres ...	6–25	31						11			20	31	3	5	8	2	5		4			31	2	7	9	3	3	2	3		1	31		1	2	10	12	1	
	26–50													1		3									1											2	3			
	51–75																																						
	>75																																						
Port Blair ... ϕ = 11° 40′ N ... λ = 92° 43′ E ... H_s = 87 metres ...	6–25	31	5	14	3					2		31		11	4							25		3	9	1						19		2	4	2		1	
	26–50			1	2						4			11	5									4	8									2	7	1			
	51–75																																						
	>75																																						
Sambalpur ... ϕ = 21° 28′ N ... λ = 83° 58′ E ... H_s = 153 metres ...	6–25	31									31	30	3	4	1	8	10	3			1	31	3	3	2	1	8	1	6	2	1	31	1	2			1		8
	26–50																										1	1	1								2	1	6
	51–75																																						
	>75																																						
Sharjah (a_3) ... ϕ = 25° 20′ N ... λ = 55° 24′ E ... H_s = 13 metres ...	6–25	31		1	3	5	9	1	2		10	31	2	3	4	3	2	3	4	1	1	31	1	2	1	2	5	3	5	4		27	3				4	2	
	26–50																2	2	1					1			2	2	1				2			1	4	4	
	51–75																3											1											
	>75																										1												
Tezpur ... ϕ = 26° 37′ N ... λ = 92° 47′ E ... H_s = 76 metres ...	6–25	31		3	1						27	31		1	19	1		3	1		3	29		6	11	2		1			3	27	1	4	7	3		2	1
	26–50														2				1						2			1	3								1	3
	51–75																																						1
	>75																																						
Trichinopoly ... ϕ = 10° 49′ N ... λ = 78° 42′ E ... H_s = 88 metres ...	6–25	31	6	21							4	31		3								31	1	3	4							28	1	2	11		2		
	26–50												1	25	2								1	15	7									4	7				
	51–75																																		1				
	>75																																						
Trivandrum ... ϕ = 8° 31′ N ... λ = 77° 00′ E ... H_s = 73 metres ...	6–25	29	1	12						1	15	29	4	3	5	5	3		2	4	3	29	2	10	9	2	1			2	3	28	1	3	6	4	1	1	1
	26–50																																	1	3		1		
	51–75																																		1				
	>75																																						
Vizagapatam ... ϕ = 17° 42′ N ... λ = 83° 18′ E ... H_s = 56 metres ...	6–25	31		2							29	31		6	12	1	3	2	1		6	30	2	7	8	5	2				6	28	4	8	5	1		1	
	26–50																																	1	3	1		1		
	51–75																																						
	>75																																						

TABLE 2—FREQUENCY OF LOW CLOUD HEIGHTS (MORNING)

TABLE 3—FREQUENCY OF VISIBILITY (8 HRS.)

3·0 km. a. s. l.									Amounts of low cloud.	No. of observations with Code figures.										No. of observations with Code figures.									STATION.
N	NE	E	SE	S	SW	W	NW	C		0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
						6			1 — 10						2	1			28								24	7		Karachi(DrighRoad)(a_1)
1					1	9	5																							
					1	2	2		9 or 10						2				16											
	1		2	3	2	5	3	1	1 — 10					1		1	3	1	25			1	2	8	8	10	2			Lahore
				1	2		1																							
				1					9 or 10					1			2		10											
3	1	6	2	2				1	1 — 10				1	1	15	6	2		6					1	7	13	10			Madras
	2	3	2																											
	2								9 or 10										13											
2				1	3	2	3	1	1 — 10								1	7	28								31			Malegaon
				2	12		3																							
					2				9 or 10										3											
2	5	9	3		1		1		1 — 10										31					1	8	19	3			Mangalore
	1	4	1																											
	1								9 or 10										1											
					2	3	2	1	1 — 10						2	1	1	2	2	23					2	7	14	8			New Delhi (a_1)
				1	4	5	5																							
						1			9 or 10					1	1	1		1	10											
5	7	3	1	2	1	2	1	2	1 — 10					1	2		2	6	20					1	1		5	6	18	Peshawar
1			1																											
									9 or 10					1	1				12											
3	1		1	4	6		2	2	1 — 10									5	26						1		1	29		Poona
3				2	6																									
									9 or 10										1											
1	1	3							1 — 10					21	7				3						7	13	11			Port Blair
		3																												
									9 or 10					3					7											
1						1	3		1 — 10						1		1		29						5	26				Sambalpur
1					1	8	9																							
1						1	2		9 or 10										4											
1					1	3	4		1 — 10							9	11	1	10							1	8	22		Sharjah (a_2)
						6	3																							
					1	2	1		9 or 10								1		8											
2		2	1		2	4			1 — 10	2		3			1	1	3	2	19			1	2	5	23				Tezpur
						6																								
						2			9 or 10	2		2				1			14											
	3	7	2				1		1 — 10					9	2		2	1	17						1	7	14	8	1	Trichinopoly
	2	7																												
									9 or 10					2			1		1											
3	9	8	2				1		1 — 10		5								26						2	16	13			Trivandrum
		2	1																											
									9 or 10		1								1											
5	4	1	1	1	2	1	3	2	1 — 10						10	4			17							5	26			Vizagapatam
	1						1																							
1									9 or 10										2											

STATION.	Speed limits (km./hr.).	Surface.										0·5 km. above Surface.									
		n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C
Agra ...	6–25	31	4		1	4			2	10	10	31	3		1	3	1		2	14	6
	26–50																1				
	51–75																				
	>75																				
Ahmedabad ...	6–25	31	2	12	2	1	2	1	1	3	7	31	9	5	4	1		1	2	4	4
	26–50														1						
	51–75																				
	>75																				
Allahabad (b_1) ...	6–25	31	1	3	2	1			7	6	11	30	2	5	2		1	1	5	9	1
	26–50															1			2		
	51–75														1						
	>75																				
Bahrein (b_2) ...	6–25	31	3	3	2	6	2		1	11	3	31	1	2	1	2	4	2	2		2
	26–50												1			1	6		1	4	
	51–75																1			1	
	>75																				
Bangalore ...	6–25																				
	26–50																				
	51–75																				
	>75																				
Bhuj ...	6–25																				
	26–50																				
	51–75																				
	>75																				
Bombay (Juhu) (b_1) ...	6–25	31						1	3	27		31	11	3	2		5	4	3	1	2
	26–50																				
	51–75																				
	>75																				
Calcutta (b_1) ...	6–25	31	1	1				5	1	9	14	31	7		1			5	3	12	3
	26–50																				
	51–75																				
	>75																				
Chittagong ...	6–25	31	2	6				4	4	14	1	31	19				2		3	6	1
	26–50																				
	51–75																				
	>75																				
Dacca ...	6–25	31						2	3	11	15	30	6				1	1	9	12	1
	26–50																				
	51–75																				
	>75																				
*Dera Ismail Khan ...	6–25	27		1						9	16	27	7	1	2		2		2	9	3
	26–50									1											
	51–75																			1	
	>75																				
*Fort Sandeman ...	6–25	4									4	4			1			1	1	1	
	26–50																				
	51–75																				
	>75																				
Gaya (b_1) ...	6–25	31	1	2		1		2	6	6	12	31	4	3	1	1		2	7	3	4
	26–50		1										1						2	3	
	51–75																				
	>75																				
Gwador (b_2) ...	6–25	31	1	2	2	8	3	9	1		1	31	5		1	3	4	7	7	1	
	26–50					1										1		1	1		
	51–75																				
	>75																				
Hyderabad (Dn.) ...	6–25																				
	26–50																				
	51–75																				
	>75																				
Jacobabad (c) ...	6–25	31	1			3		1		4	22	31	4	3	3	2	3	1	5	5	4
	26–50														1						
	51–75																				
	>75																				
Jodhpur (b_1) ...	6–25	31	4	11	2			1	3	3	7	31	4	15	2			3	2	5	
	26–50																				
	51–75																				
	>75																				
Jubbulpore ...	6–25	31	4	2	1	2	1		2	5	14	29	6	2		2	2	5	6	2	3
	26–50																1				
	51–75																				
	>75																				

STATION.	Speed limits (km./hr.).	1·0 km. a. s. l.										2·0 km. a. s. l.							
		n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W
Agra ...	6–25	31	1	1	1	3	2	1	4	15	2	26	2				2	5	6
	26–50						1											1	5
	51–75																		
	>75																		
Ahmedabad ...	6–25	31	6	4	2		2	1	4	6	3	31		3			1	3	5
	26–50			1				1		1							1	6	8
	51–75																	1	1
	>75																		
Allahabad (b_1) ...	6–25	29	2	2	1	1		1	7	6	2	27						1	4
	26–50						1		4	2									13
	51–75																		1
	>75																		
Bahrein (b_2) ...	6–25	30	3	1	1	1	4	1	3		1	27		2			2		5
	26–50		1			1	7	3	2	1							1	7	5
	51–75																	1	
	>75																		
Bangalore ...	6–25																		
	26–50																		
	51–75																		
	>75																		
Bhuj ...	6–25																		
	26–50																		
	51–75																		
	>75																		
Bombay (Juhu) (b_1) ...	6–25	31	2	3	3	2	7	1	7	1	1	30	1		1		10	9	1
	26–50						1										2	3	1
	51–75									1									
	>75																		
Calcutta (b_1) ...	6–25	30	5	1				2	4	12	3	29	1					2	1
	26–50							1	1	1									7
	51–75																		3
	>75																		
Chittagong ...	6–25	31	12	5			2	1	3	3	3	31					1	1	6
	26–50		2										2						3
	51–75																		
	>75																		
Dacca ...	6–25	29	5	1				2	8	7	1	27	1						4
	26–50							1	1	3									6
	51–75																		1
	>75																		
*Dera Ismail Khan ...	6–25	27	5	2	1	2			2	10	3	25	3				1		5
	26–50		1							1								1	2
	51–75																		
	>75																		
*Fort Sandeman ...	6–25											3				1		1	
	26–50																		
	51–75																		
	>75																		
Gaya (b_1) ...	6–25	30	2				1		12	3	6	29						2	7
	26–50								2	3									4
	51–75									1									5
	>75																		
Gwador (b_2) ...	6–25	27	2		2	1	2	3	7	6		25	1	1	1			1	7
	26–50		2				1		1				1					1	2
	51–75																		1
	>75																		
Hyderabad (Dn.) ...	6–25																		
	26–50																		
	51–75																		
	>75																		
Jacobabad (c) ...	6–25	30	5	2	6	2	3		3	5	4	29	3	1	1		2	3	4
	26–50																	5	1
	51–75																		
	>75																		
Jodhpur (b_1) ...	6–25	31	5	6	5	2	1	4	2	5	1	31	2	1			1	6	10
	26–50																	2	5
	51–75																		
	>75																		
Jubbulpore ...	6–25	29	3	1	1	2	1	7	5	5	3	29	1				1	2	6
	26–50						1										1	6	6
	51–75																		1
	>75																		

* Fort Sandeman started on 23-1-38 on the close of Dera Ismail Khan after the dawn observations on that day.

TABLE 5—FREQUENCY OF LOW CLOUD HEIGHTS (AFTERNOON)

TABLE 6—FREQUENCY OF VISIBILITY (15 HRS.)

3-0 km. a. s. l. N	NE	E	SE	S	SW	W	NW	C	Amounts of low cloud.	No. of observations with Code figures. 0	1	2	3	4	5	6	7	8	9	No. of observations with Code figures. 0	1	2	3	4	5	6	7	8	9	STATION.
					1	4	1		1 — 10					1	1	3		1	25							20	11			Agra
					3	12	2																							
					1	1	1		9 or 10					1					13											
	1				1	2			1 — 10									1	30								10	21		Ahmedabad
1					6	6	1																							
					7	2	2		9 or 10										4											
					1																									
					1	2			1 — 10					1	3		2	2	23						1	2	27	1		Allahabad (b_1)
						8	2																							
						7	2		9 or 10					1	1		1		9											
						1																								
					1	3	2		1 — 10						1	4	3	2	21							5	26			Bahrein (b_2)
					4		2																							
					2	3	1		9 or 10										11											
									1 — 10																	5	19	6	1	Bangalore
									9 or 10																					
									1 — 10																		31			Bhuj
									9 or 10																					
1	2	1		2	5		6	1	1 — 10								1		30							4	27			Bombay (Juhu) (b_1)
1					5	3	1																							
						1			9 or 10																					
						4	2		1 — 10						3	3	1	1	23						7	24				Calcutta (b_1)
					2	5	6																							
						6	1		9 or 10										3											
					1	4			1 — 10							10	3		18								29	2		Chittagong
					1	17	4																							
						1	2		9 or 10										5											
						3			1 — 10						1	6	1	3	20						1	30				Dacca
						9	3																							
						6	1		9 or 10										3											
							1																							
			2		7	6	3	1	1 — 10							1		3	24					1		4	12	10		Dera Ismail Khan
						3	1																							
					1				9 or 10										10											
									1 — 10	1				1					2						1	1	1	1		Fort Sandeman
1					1																									
									9 or 10										2											
					1				1 — 10					1	1	3	2		24								31			Gaya (b_1)
					1	7	9																							
						3	3		9 or 10					1					6											
						2																								
					2	4			1 — 10					2	13	5	1		10					1	2	5	12	11		Gwador (b_2)
1						7	3																							
						1	1		9 or 10								1		7											
						1																								
									1 — 10																			3	28	Hyderabad (Dn.)
									9 or 10																					
					1	2	2		1 — 10						1		2	5	23							6	25			Jacobabad (c)
1				1	1	6	6																							
1						1	1		9 or 10										11											
					3	3	4		1 — 10									1	30								19	12		Jodhpur (b_1)
					3	8	1																							
						7			9 or 10										15											
					1																									
					3	1	3		1 — 10						2	3	3	6	17								6	24	1	Jubbulpore
					2	10	2																							
					1	2	1		9 or 10																					
						2																								

STATION.	Speed limits (km./hr.).	Surface.										0·5 km. above Surface.										1·0 km. a. s. l.										2·0 km. a. s. l.									
		n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C
Karachi(DrighRoad)(b_1)	6-25	31	2	5	3	1	4	5	1	3	5	31		9	2	3	4	2	2	4	2	31	2	9	3		1	1	4	7	3	30	3		1		1		4
	26-50			2										3										1									2						5
	51-75																																				1		1	1
	>75																																							
Lahore ...	6-25	31		2		2		1	3	11	12	31	3	1	2	3	2	1	1	13	5	31	3	3	1	3	3	2	3	10	3	26				2	8		7
	26-50																																						2
	51-75																																				1			
	>75																																							
Madras ...	6-25	31		20	5	2					4	31	1	23	4		1					26	1	11	8	2					17		3	2	3		2		
	26-50													2										2	2									1	6					
	51-75																																							
	>75																																							
Malegaon ...	6-25																																							
	26-50																																							
	51-75																																							
	>75																																							
Mangalore ...	6-25																																							
	26-50																																							
	51-75																																							
	>75																																							
New Delhi (b_1) ...	6-25	31	2	2	1	3			4	13	5	31	5	3	1	3			1	12	2	31	1	1	1	5	2	1	2	14	2	28	1				1	8	6
	26-50									1							2			2							1			1							1	1
	51-75																																					1		
	>75																																							
Peshawar ...	6-25	31	1	3	1	1	1	2		3	19	31	6	2	2				1	17	2	31	7	2	2			1		19		29	10	9	1	1	3		
	26-50												1																											
	51-75																																							
	>75																																							
Poona ...	6-25	31		4	2	1	3	4	1	3	18	31			2	2	5	5	3	3	11	31			1	7	1	4	5	3	10	31	2			5	11	8	2
	26-50																																					1	1
	51-75																																							
	>75																																							
Port Blair ...	6-25	31	1	21	3							31	2	9	3							30		7	8					2	1	20		3	6	4			2
	26-50			2	4									12	5									2	10										4	1			
	51-75																																							
	>75																																							
Sambalpur ...	6-25	31	1	2			1	2	4	2	19	31	5	3	1	1	5	3	2	5	6	31	5	2	1	3	1	6	2	8	3	30	2	1		1	2	1	7
	26-50																																1					1	4
	51-75																																							
	>75																																							
Sharjah (b_2) ...	6-25	31	1	3				2	3	16	2	31	2	6	1	1	2	7	4	2	1	31	3	1	3	3	5	2	4	2	1	27	2				1	5	2
	26-50		3					1										1	2	1							2	3	1	1							2	5	4
	51-75																	1																						
	>75																																							
Tezpur ...	6-25	31	7	3	1	1	1			18		30	1	6	13	1	2	2			2	31	1	1	18	2	1	2	1	1	2	30		1	8	4	4	4	1
	26-50														2			1										2	1									3	2	1
	51-75																																					2	1	
	>75																																							
Trichinopoly ...	6-25	31		19	7				1		4	31	1	21	5							31		16	7							23	1	3	8					
	26-50													4										8										6	7					
	51-75																																		1					
	>75																																							
Trivandrum ...	6-25																																							
	26-50																																							
	51-75																																							
	>75																																							
Vizagapatam ...	6-25	31		1	10	19	1					31		5	13	6	5	2				31	1	13	4	1	3	2	1	1	5	31	7	3	4	1		1		
	26-50																																3	2						
	51-75																																							
	>75																																							

3·0 km. a. s. l.										Amounts of low cloud.	No. of observations with Code figures.										No. of observations with Code figures.										STATION.
	N	NE	E	SE	S	SW	W	NW	C		0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
3	1				1			3		1 — 10						2	5			24							1	24	5	1	Karachi(DrighRoad)(b_1)
	1						9 2	5 1		9 or 10						1	1			10											
3	1			1	3 1	4 1 1	5 2	2	2	1 — 10					3		3	3		22							3	28			Lahore
										9 or 10					2					12											
	1	1 2	1 1	1 1	1					1 — 10						19	9			3								31			Madras
										9 or 10						1				10											
										1 — 10																		31			Malegaon
										9 or 10																					
										1 — 10																	1	20	10			Mangalore
										9 or 10																					
5					1	3 5	3 5 1	2 5		1 — 10				1			5	4		21							9	22			New Delhi (b_1)
										9 or 10										9											
7	2	4	2	5 1	3		2	1 1	6	1 — 10					1	2	2	5	3	18						1	1	4	6	19	Peshawar
										9 or 10								1	1	16											
9	2 2		2	2	3	6 5	3 1 1	2		1 — 10								1	13	17								31			Poona
										9 or 10																					
2		2 1	4 1	2		1		1		1 — 10					25	5				1						8	11	11	1		Port Blair
										9 or 10										7											
7			1			3 1	1 8	2 10 1		1 — 10							4	3	4	24							20	11			Sambalpur
										9 or 10										4											
8	1					2 1	3 5 1	2 2 1		1 — 10							2	18	4	7							1	11	19			Sharjah (b_2)
										9 or 10								1	1	10											
0	5		1			2 1	5 7 6 1	1	1	1 — 10					3	1	6	6	1	14						1	11	19			Tezpur
										9 or 10					2		1			7											
8		2 4	4 3	1 1	2			1		1 — 10							13	13	1	4								1	14	16	Trichinopoly
										9 or 10										8											
										1 — 10																	3	15	13		Trivandrum
										9 or 10																					
8	7 6	2		1	2	1 1		4 2	2	1 — 10						9	1			21								31			Vizagapatam
										9 or 10																					

STATION.	Speed limits (km./hr.).	Surface.										0·5 km. above Surface.										1·0 km. a. s. l.										2·0 km. a. s. l.							
		n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W
Allahabad (d_1) ...	6-25	31	1	1	4				2	7	16	28		1	7	2	1		3	8		27			1	1	4	1	6	5	1	21					1		5
	26-50					2				2						2			2	2						1			6	2								10
	51-75																																						
	>75																																						
Bahrein (d_2) ...	6-25	31	2			8	2	2		9	7	29	1		2	2	4	2	2	2		30	1	2	1	4	3	2	4		1	22			1			4		4
	26-50									1			5				4	2		2			3				2	4	1	2								4	2
	51-75																1																						1
	>75																																						
Bombay (Juhu) (d_1)...	6-25	31	1	1	1					1	27	28	11	10	2	1		1	1	1	1	24	3	1	2	2			7	6	1	9	1				3		1
	26-50												1										1						1								2	1	
	51-75																																						
	>75																																						
Calcutta (d_1) ...	6-25	31	2	10				8		2	9	31	8	5	3	1	2	2	2	3	1	31	3	1			2	1	5	12	1	12					3		1
	26-50													1				3										1	2	3									3
	51-75																																						
	>75																																						
Gaya (d_1) ...	6-25	31	1	1	2	2		6	2	2	15	31	1	2	5	2		2	4	8	1	31		2	1	2	3		9	6	2	25					2		8
	26-50					1				1						1			1	4									2	4							1		7
	51-75																																						2
	>75																																						
Gwador (d_2) ...	6-25	31	8	4	1	2	1	1	2	4	12	31	2	1		1	2	5	8	2	3	29		1	1	3		6	8	6	1	24	1	1			1	1	4
	26-50					1							2				2		2	1				1					1	1			1	1				7
	51-75																																						
	>75																																						
Jacobabad (d_1) ...	6-25	31	1	1	1					6	22	31	3	3	5	2	2	2	4	3	3	30	2	2	3	2	3	4	5	4	3	26	4	1			1	1	7
	26-50												2		1					1							1				1						1	2	1
	51-75																																						
	>75																																						
Jodhpur (d_1) ...	6-25	31	5	23						2	1	31	4	4	8	2	2	2	1	5	1	31	3	2	5	2	3	2	6	5	1	24	1	1			3	3	7
	26-50												1	1									1						1								3	5
	51-75																																						
	>75																																						
Karachi(DrighRoad)(d_1)	6-25	31	1	19						2	15	31		2	5	1		1	3	11	3	30	7	5	1		1	5	2	7	1	17					1		5
	26-50												1	4																1							1	2	1
	51-75																																						
	>75																																						
New Delhi (d_1) ...	6-25	31		2	2				3	9	15	28	4			3		1	1	11	1	29	5	1		3	2	1	2	8	2	26					2	1	12
	26-50												1		2	1				3					1		2			2							2		1
	51-75																																						
	>75																																						
Sharjah (d_2) ...	6-25	31		2	4	17	2		1	1	2	31	3	4	3	1	3	1	1	3	2	30	1	3	1	1	1	6	4	2	1	29	2			1		5	5
	26-50						1			1					2					2				2			2		2	1							1	8
	51-75																	1	1									1											2
	>75																																						

STATION.	Speed limits (km./hr.).	Surface.										0·5 km. above Surface.										1·0 km. a. s. l.										2·0 km. a. s. l.							
		n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W
Jacobabad ...	6-25	31		1	4				2	9	15	31	4	3	6	2	1	2	6	3	2	31	4	3	3	4	2	3	5	4	1	29	5	1	1		1	5	5
	26-50												1		1								1				1						1				2	1
	51-75																																						
	>75																																						

...Y (EARLY MORNING)

TABLE 8—FREQUENCY OF LOW CLOUD HEIGHTS (EARLY MORNING)

TABLE 9—FREQUENCY OF VISIBILITY (0330 HRS.)

3·0 km. a. s. l.									Amounts of low cloud.	No. of observations with Code figures.										No. of observations with Code figures.										STATION.
N	NE	E	SE	S	SW	W	NW	C		0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
					2	1			1 — 10	2		1				2			26	1			1		3	13	13			Allahabad (d_1)
						5	1																							
						1			9 or 10	2		1				1			8											
					1	1			1 — 10						1	3	2		25						6	24	1			Bahrein (d_2)
					1	6	1																							
						1			9 or 10										3											
1	1			1			1		1 — 10										31						3	25	3			Bombay (Juhu) (d_1)
					1																									
									9 or 10										1											
					1	1	1		1 — 10							1		2	28					5	26					Calcutta (d_1)
									9 or 10									2	3											
						2			1 — 10							3	3	1	24			1				6	24			Gaya (d_1)
					1	3																								
						1			9 or 10							1			2											
				1	1	1	2		1 — 10					1	13	3			14					7	22	2				Gwador (d_2)
						2	1																							
						1	1		9 or 10						1	1			4											
					1																									
					1	2			1 — 10						1		1	1	28							15	16			Jacobabad (d_1)
						2	1																							
									9 or 10						1				5											
		1				1	1		1 — 10									1	30							12	13			Jodhpur (d_1)
						5	1																							
						1			9 or 10										5											
						1	2		1 — 10						1	2			28								31			Karachi (Drigh Road) (d_1)
						1																								
1									9 or 10										11											
					1	3	1		1 — 10	1				1	2		2		25				1	2	5	3	15			New Delhi (d_1)
					3	2	2																							
						1			9 or 10	1					2				6											
1						3	2		1 — 10							3	7		21							2	15	14		Sharjah (d_2)
					2	4																								
						2			9 or 10										2											

...Y (1230 HRS.)

TABLE 11—FREQUENCY OF LOW CLOUD HEIGHTS (1230 HRS.)

3·0 km. a. s. l.									Amounts of low cloud.	No. of observations with Code figures.										No. of observations with Code figures.										STATION.
N	NE	E	SE	S	SW	W	NW	C		0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
					3	4	4		1 — 10						1		1	1	28											Jacobabad
						8	3																							
1						2	1		9 or 10										11											

Registered No. B-3097

INDIA WEATHER REVIEW, 1938

Monthly Weather Report

February

Published by authority of the Government of India

Summary.—Rainfall was abundant in parts of northern India, in association with western disturbances, and also in the Madras Presidency and Hyderabad, due to thunderstorm activity accentuated by a revival of the northeast monsoon during the first ten days.

Nine western disturbances affected northern India during the month, as set out below :—

Western disturbances.			Precipitation.			Remarks.
No.	Period.	Course.	Region.	Nature of precipitation.	Period.	
...	2nd ...	Eastwards through the centre of the country.	(1) Bihar, Chota Nagpur, North Bengal.	Fairly widespread showers.	1st ...	This is the last disturbance of January continuing into February. The disturbance lay as a depression over west Central India on the 31st January, but weakened and moved away eastwards as a low pressure area by the 2nd February.
			(2) Bihar, Chota Nagpur.	Scattered showers ...	2nd.	
1	1st to 3rd ...	Northwest frontier eastwards across western Himalayas.	(1) North-West Frontier Province, Punjab hills	Local showers ...	1st.	
			(2) North-West Frontier Province to western Himalayas.	Fairly widespread showers.	2nd.	
			(3) Western Himalayas...	A few showers ...	3rd.	
2	3rd to 7th ...	Baluchistan eastwards through the centre of the country.	(1) Northeast Baluchistan.	A few falls of rain ...	3rd ...	It travelled as a low pressure area from the Gulf of Oman to east Central India between the 4th and 7th.
			(2) Baluchistan, North-West Frontier Province.	Fairly widespread rain.	4th.	
			(3) Northwest frontier to western Himalayas.	Widespread rain ...	5th.	
			(4) Sind, south Rajputana.	Local drizzle or light rain.		
			(5) Along and near western Himalayas.	Fairly widespread rain.	6th.	
			(6) Plains of the United Provinces and in North-West Frontier Province.	Local rain or a few falls.		
			(7) Western Himalayas.	Fairly widespread showers.	7th.	
3	8th to 10th...	Northwest frontier northeastwards through Kashmir.	(1) Kashmir ...	A few light showers...	9th ...	This disturbance was followed by marked cold weather in Kashmir on the night of 11th.
			(2) Western Himalayas...	Isolated showers ...	10th.	
4	11th to 15th.	Northwest frontier eastwards across western Himalayas.	(1) Baluchistan ...	A few light showers...	11th ...	It appeared as a low pressure area over Baluchistan on the 12th. In moving towards the Punjab this low pressure area intensified considerably and before filling up over the extreme north attained a barometric depth of over half an inch. This depression had quite a vast sphere of activity so that while on the one hand it was responsible for strong winds and rough seas in the north and central Arabian Sea, on the other it pulled up moist winds from the south Bay of Bengal right up to the Himalayas with the result that the whole belt of the country from the northwest frontier to Assam received abundant rainfall.
			(2) Extreme north ...	Local rain or drizzle.		
			(3) Northwest frontier to western Himalayas.	Fairly widespread rain or snow.	12th to 13th.	
			(4) Plains of the United Provinces.	Light thundershowers.	13th.	
			(5) Along and near the western Himalayas, in Bihar, Chota Nagpur, Bengal.	Fairly widespread rain.	14th.	
			(6) Assam ...	A few falls of rain ...		

Western disturbances.			Precipitation.			Remarks.
No.	Period.	Course.	Region.	Nature of precipitation.	Period.	
						With the advance of this disturbance high minimum temperatures were recorded in Baluchistan on the 12th, in Sind and Rajputana on the 13th and in the west United Provinces, Central India and the north Deccan on the 14th. A cold wave then appeared on the northwest frontier in the rear of the disturbance and extended over the whole of northwest and central India by the 16th. It covered the whole of northern and Central India by the 18th and then gradually moving eastwards became unimportant by the 22nd.
5	17th to 18th.	Northwest frontier...	Baluchistan ...	Scattered light showers.	17th.	
6	19th to 21st.	Northwest frontier eastwards through extreme north.	(1) Along northwest frontier.	Scattered drizzles ...	19th.	
			(2) North-West Frontier Province, north Punjab, Kashmir.	Local showers ...	20th.	
7	21st to 22nd.	Northwest frontier eastwards across western Himalayas.	(1) Northwest Frontier ...	Local rain ...	21st.	
			(2) Northwest frontier to western Himalayas.	Widespread light showers.	22nd.	
8	24th to 26th.	Baluchistan north-eastwards through extreme north.		No precipitation ...		Very feeble.
9	27th to 28th.	Northwest frontier eastwards.	(1) Extreme north ...	A few showers ...	27th.	
			(2) North-West Frontier Province, Kashmir.	Local showers ...	28th.	

The northeast monsoon revived in the beginning of the month and caused local rainfall in the south of the Peninsula, with occasional extensions into the north Madras coast, on the first ten days. During the rest of the month the monsoon was again feeble but, on the last four days, tending to restrengthen in the south Bay of Bengal, caused another spell of scattered showers in southeast Madras. Thundershowers were fairly frequent over the region from the south Deccan to the eastern Himalayas during the first, third and fourth weeks.

Besides the cold waves mentioned in the table of western disturbances, some warm spells were also noteworthy. One such spell was experienced over the eastern half of the Peninsula between the 4th and 7th. With the advance of the fourth western disturbance, which developed into a deep depression, high minimum temperatures were recorded in Baluchistan on the 12th, in Sind and Rajputana on the 13th and in the west United Provinces, Central India and the north Bombay Deccan on the 14th. Markedly high night temperatures again prevailed in Baluchistan from the 19th onwards, covering the whole length of the frontier from the 26th onwards and also the west Punjab and Sind at the end of the month.

The total rainfall of the month was in large excess in the Bay Islands, Kashmir, Hyderabad, south Madras and the north Madras coast, in slight to moderate excess in Bengal, Orissa, Chota Nagpur, the southwest Punjab and the North-West Frontier Province, normal in Bihar, the east and north Punjab, Baluchistan and Berar, in slight to moderate defect in the United Provinces, the Central Provinces and the Madras Deccan and in large defect elsewhere. Averaged over the plains of India, the month's rainfall was in excess by 10 per cent.

Both mean maximum and mean minimum temperatures were below normal in Chota Nagpur, Kashmir, the North-West Frontier Province, east Rajputana, west Central India and the west Central Provinces. The maximum alone was below normal in the Bay Islands, the Punjab, Berar and north Hyderabad and the minimum alone in the west United Provinces, Gujarat and east Central India. The mean minimum temperature was, on the other hand, above normal in Baluchistan, south Hyderabad, Mysore and the Madras Presidency.

The mean relative humidity was in excess in the North-West Frontier Province and in defect in Bengal, east Rajputana, Gujarat, west Central India, Berar, the west Central Provinces and the Bombay Deccan.

The mean cloud amount was above normal in Orissa, the east Central Provinces, south Hyderabad, Mysore and the Madras Presidency and below normal in Sind, Rajputana, Gujarat, Central India, Berar, the west Central Provinces and the Konkan.

Table I contains the divisional and sub-divisional means of rainfall, temperature, humidity and cloud for the 16 chief political divisions and the 33 sub-divisions; these means are based on the observations at the stations whose monthly mean data are given in the subsequent tables.

POONA No. 5:
The 2nd May 1938.

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

	Rainfall.				Departure from normal of				
							8 hrs. L. M. T.		
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Vapour pressure.	Relative humidity.	Cloud.
1	2	3	4	5	6	7	8	9	10
Division	"	"	"		°	°	"	%	
Burma ...	0·54	0·36	+0·18	+ 50	−0·6	+ 1·0	+·004	− 1	+0·9
Assam ...	0·76	1·56	−0·80	− 51	+0·4	− 0·8	−·028	− 4	−0·4
Bengal ...	1·21	0·98	+0·23	+ 23	−0·9	− 1·4	−·054	− 6	−0·2
Orissa ...	1·33	1·00	+0·33	+ 33	−1·4	− 1·2	−·055	− 5	+0·6
Bihar ...	0·90	0·88	+0·02	+ 2	−2·1	− 1·2	−·018	− 2	+0·4
United Provinces.	0·65	0·86	−0·21	− 24	−1·3	− 1·1	−·029	− 2	−0·2
Punjab ...	0·92	0·87	+0·05	+ 6	−3·0	− 0·6	−·003	+ 2	+0·2
North-West Frontier Province.	1·29	1·00	+0·29	+ 29	−3·3	− 2·1	+·021	+11	+0·1
Sub-division									
Bay Islands ...	2·25	0·87	+1·38	+159	−2·4	+ 0·7	+·054	0	0
Lower Burma ...	0·61	0·41	+0·20	+ 49	−0·3	+ 1·8	+·007	− 2	+1·4
Upper Burma ...	0·44	0·29	+0·15	+ 52	−1·0	− 0·1	−·001	− 1	+0·4
Assam ...	0·76	1·56	−0·80	− 51	+0·4	− 0·8	−·028	− 4	−0·4
Bengal ...	1·21	0·98	+0·23	+ 23	−0·9	− 1·4	−·054	− 6	−0·2
Orissa ...	1·33	1·00	+0·33	+ 33	−1·4	− 1·2	−·055	− 5	+0·6
Chota Nagpur ...	1·56	1·35	+0·21	+ 16	−3·1	− 2·3	−·010	+ 1	+0·4
Bihar ...	0·63	0·69	−0·06	− 9	−1·3	− 0·3	−·024	− 4	+0·4
United Provinces, East.	0·37	0·68	−0·31	− 46	−1·1	− 0·1	−·033	− 3	−0·4
Do. do. West.	0·89	1·02	−0·13	− 13	−1·3	− 2·1	−·026	− 2	0
Punjab, East and North	1·22	1·27	−0·05	− 4	−3·2	− 0·7	+·005	+ 3	+0·5
Do. Southwest.	0·58	0·41	+0·17	+ 41	−2·7	− 0·4	−·013	+ 1	−0·3
Kashmir ...	4·13	2·64	+1·49	+ 56	−7·0	− 4·3	−·011	+ 3	+0·4
North-West Frontier Province.	1·29	1·00	+0·29	+ 29	−3·3	− 2·1	+·021	+11	+0·1
Baluchistan ...	0·95	1·05	−0·10	− 10	−1·2	+ 2·2	−·008	0	−0·3
Sind ...	0	0·31	−0·31	−100	−0·7	− 0·7	−·026	− 1	−0·8
Rajputana, West.	0	0·20	−0·20	−100	−1·4	− 0·3	−·002	+ 3	−1·3

	Rainfall.				Departure from normal of				
							8 hrs. L. M. T.		
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Vapour pressure.	Relative humidity.	Cloud.
1	2	3	4	5	6	7	8	9	10
Division—*contd.*	"	"	"		°	°	"	%	
9. Sind ...	0	0·31	−0·31	− 100	−0·7	−0·7	−·026	− 1	−0·8
10. Rajputana ...	0	0·23	−0·23	− 100	−1·9	−2·3	−·017	− 4	−1·7
11. Bombay ...	0·01	0·10	−0·09	− 90	−0·7	−1·4	−·080	−10	−0·4
12. Central India ...	0·05	0·40	−0·35	− 87	−1·1	−3·6	−·040	− 9	−1·7
13. Central Provinces and Berar.	0·45	0·69	−0·24	− 35	−1·9	−1·4	−·058	− 6	−0·3
14. Hyderabad ...	0·87	0·30	+0·57	+ 190	−1·1	+1·8	+·002	+ 1	+0·5
15. Mysore ...	0·04	0·16	−0·12	− 75	+1·8	+4·1	+·053	+ 4	+0·6
16. Madras ...	1·55	0·43	+1·12	+ 260	−0·9	+3·1	+·033	0	+1·7
Mean of India (excluding Burma).	0·65	0·59	+0·06	+ 10	−1·4	−0·7	−·025	− 3	−0·1
Sub-division—*contd.*									
18. Rajputana, East.	0	0·24	− 0·24	−100	−2·1	−3·0	−·021	− 7	−1·9
19. Gujarat ...	0	0·13	− 0·13	−100	−1·1	−2·0	−·105	−13	−0·6
20. Central India, West	0	0·19	− 0·19	−100	−2·5	−3·3	−·096	−15	−1·2
21. Do. do. East.	0·09	0·61	− 0·52	− 85	+0·1	−3·9	+·016	− 3	−2·1
22. Berar ...	0·30	0·33	− 0·03	− 9	−2·6	−1·4	−·063	− 6	−1·3
23. Central Provinces, West.	0·30	0·55	− 0·25	− 45	−2·0	−2·1	−·071	− 8	−1·0
24. Do. do. East.	0·76	1·07	− 0·31	− 29	−1·3	−0·5	−·035	− 3	+1·1
25. Konkan ...	0·01	0·06	− 0·05	− 83	−0·5	−0·3	−·050	− 5	−0·4
26. Bombay Deccan...	0·03	0·08	− 0·05	− 63	−0·3	−1·1	−·058	− 8	−0·1
27. Hyderabad, North	0·68	0·33	+ 0·35	+106	−2·2	+1·1	−·058	− 3	+0·2
28. Do. South	1·07	0·27	+ 0·80	+296	−0·2	+2·4	+·046	+ 5	+0·7
29. Mysore ...	0·04	0·16	− 0·12	− 75	+1·8	+1·1	+·053	+ 4	+0·6
30. Malabar ...	1·51	0·41	+ 1·10	+268	−0·2	+2·0	+·039	+ 1	+1·6
31. Madras, Southeast	2·52	0·52	+ 2·00	+385	−1·1	+3·6	+·022	0	+2·1
32. Do. Deccan...	0·15	0·20	− 0·05	− 25	−0·9	+4·2	+·049	0	+1·4
33. Do. Coast, North	0·75	0·44	+ 0·31	+ 70	−1·2	+2·5	+·037	− 1	+1·4

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Relative humidity %		
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Bay Islands																						
*Port Blair ...	59/261	29·837	−·022	29·571	85·2	− 2·4	88	4, 9	75·7	+0·7	71	4 days	78·9	80·0	76·0	78·9	·855	+·054	·757	83	0	75
Lower Burma																						
Victoria Point ...	157	29·745	+·002	29·672	87·0	− 1·5	91	7, 10	74·9	+0·5	72	17, 23, 26	78·5	82·2	74·5	74·9	·812	+·042	·765	82	+ 3	70
Mergui ...	66	29·844	−·012	29·743	88·3	− 1·2	93	10	73·5	+3·2	68	15	75·6	82·8	72·0	74·6	·736	−·033	·758	83	− 2	67
Tavoy ...	19	29·895	−·022	29·806	90·9	− 0·2	95	1, 2	69·4	+1·8	60	21	74·0	81·7	70·7	74·7	·710	+·016	·772	85	− 3	71
Amherst ...	71	29·841	−·025	29·753	87·7		93	24, 25	72·5		65	21	76·6	81·9	72·3	74·3	·723		·737	80		69
Rangoon ...	18	29·885	−·027	29·798	93·2	+ 0·9	97	7, 17, 18	69·2	+2·7	60	21	72·7	85·2	69·3	73·2	·660	+·038	·648	84	0	55
Tharrawaddy ...	49	29·864		29·768	91·6		95	18, 25	62·4		48	20	69·9	83·2	66·8	72·1	·620		·635	85		56
Bassein ...	20	29·897	−·014	29·823	91·0	+ 1·1	95	8, 9	67·9	+2·0	58	21	73·2	83·1	68·9	70·9	·647	−·018	·596	80	− 6	53
Diamond Island ...	41	29·860	−·030	29·795	84·3	+ 0·3	89	8	75·2	+2·3	71	21	77·1	79·3	72·9	73·2	·756	+·054	·729	81	+ 6	74
Gwa ...	11	29·902		29·833	83·0		89	28	62·0		51	21	67·8	80·3	64·9	71·7	·576		·669	84		65
Sandoway ...	28	29·895		29·823	88·3		94	25, 28	57·1		46	20, 21	66·0	79·0	63·4	70·1	·541		·611	86		63
†Toungoo ...	158																					
Kyaukpyu ...	18	29·910	−·007	29·831	80·3	− 0·6	84	2	67·0	+2·4	58	22	72·2	77·4	67·6	68·9	·623	−·018	·593	79	− 6	63
Akyab ...	29	29·921	0	29·839	82·9	− 1·4	89	28	61·0	−0·2	52	21	67·0	76·3	62·8	67·4	·521	−·021	·540	78	− 5	61
Upper Burma																						
Minbu ...	168	29·762	−·010	29·640	88·3	− 2·0	93	5, 18, 19	61·3	+0·3	52	20	68·3	84·2	60·8	66·2	·436	+·007	·397	62	− 2	35
Yamethin ...	644	29·264	−·008	29·154	89·1	− 1·9	93	24, 25	60·9	+0·9	51	20, 21	67·3	81·5	61·9	68·0	·482	+·018	·502	72	+ 2	48
Mandalay ...	252	29·687	+·001	29·574	87·0	**−0·8**	92	25	57·8	**−0·8**	47	20	63·6	81·0	60·6	66·3	·496	**+·033**	·444	84	**+18**	43
Monywa ...	267	29·680	−·010	29·554	88·6	+ 0·6	93	4 days	60·3	+0·5	54	21	64·9	83·0	60·2	67·2	·457	+·001	·446	75	+ 2	41
Lashio ...	2,802	27·128	+·009	27·024	76·6	− 1·4	81	8	48·5	−0·6	40	13	55·6	68·4	52·3	57·8	·344	−·015	·351	79	− 3	50
Bhamo ...	386	29·555	−·005	29·448	79·0	− 1·8	84	28	51·3	−1·3	44	19, 20, 21	58·4	71·7	56·3	64·6	·422	−·018	·523	87	− 3	67
Myitkyina ...	476	29·466	−·011	29·356	78·8	+ 0·7	85	26, 28	53·9	−0·2	48	19, 20	59·1	73·3	56·5	64·6	·431	−·002	·502	85	− 1	61
Assam																						
Dibrugarh ...	348	29·629	−·011	29·525	75·0	+ 2·7	84	28	54·2	−0·4	47	20	58·0	67·5	56·4	61·1	·428	−·013	·449	90	− 3	68
Sibsagar ...	317	29·645	−·019	29·540	76·0	+ 3·4	84	27	52·8	−0·5	46	20, 21	57·7	69·2	56·6	62·8	·451	−·001	·488	94	− 2	69
Tezpur ...	258	29·722	−·013	29·606	78·2	+ 2·2	86	28	55·2	−0·5	47	20	59·9	71·3	56·3	61·4	·402	−·031	·402	79	− 9	54
Gauhati ...	196	29·775	−·026	29·665	78·3	+ 0·5	87	28	53·0	0	45	20	58·4	72·9	55·5	61·6	·392	−·045	·401	83	− 4	50
Dhubri ...	115	29·863	+·005	29·764	74·9	− 2·7	85	28	54·9	−1·0	49	19, 20	59·2	72·5	56·0	60·8	·408	−·025	·376	80	− 4	46
Silchar ...	96	29·879	−·009	29·776	80·6	+ 0·1	90	28	55·0	−0·7	46	20	59·4	73·7	57·5	63·0	·438	−·043	·434	88	+ 2	53
Srimangal ...	69	29·900	+·004	29·804	80·9	− 2·3	90	28	50·5	−1·2	40	20	60·8	74·1	57·4	63·8	·418	−·035	·455	81	− 7	54
Bengal																						
Cox's Bazar ...	38	29·913	+·005	29·838	81·3	− 0·9	87	28	57·6	−1·8	51	20, 21	68·5	74·8	61·9	65·6	·468	−·073	·518	67	−15	59
Chittagong ...	87	29·873	−·006	29·789	82·4	+ 0·2	89	28	57·2	−1·5	49	20	63·7	74·9	59·0	63·9	·432	−·078	·448	74	− 9	52
Noakhali ...	22	29·933	−·015	29·844	80·4	− 0·4	87	27, 23	60·8	−0·6	53	20	64·9	75·9	60·6	63·9	·476	−·052	·435	76	− 9	50
Comilla ...	37	29·918	−·016	29·826	83·6	+ 1·8	93	28	55·1	−2·2	46	20	62·9	75·3	58·7	64·2	·446	−·066	·448	77	− 7	52
Brahmanbaria ...	32	29·937		29·841	81·0	− 1·0	90	28	55·5	0	47	20	62·4	75·7	58·4	64·1	·428	−·056	·441	78	0	52
Narayanganj ...	26	29·931	−·011	29·841	81·5	− 0·1	91	28	57·4	−1·4	50	20	62·6	76·5	58·7	63·3	·446	−·054	·401	78	− 4	45
Mymensingh ...	62	29·908	−·002	29·811	79·9	+ 0·8	90	28	54·2	−2·2	46	20	60·4	75·9	56·7	62·7	·418	−·039	·401	79	− 5	45
Faridpur ...	27	29·940	−·010	29·844	79·5	− 0·2	90	28	54·5	−1·4	45	20	62·3	74·3	58·5	64·3	·446	−·041	·462	78	− 7	50
Barisal ...	11	29·940	−·010	29·857	81·1	− 0·4	90	28	58·6	−1·1	50	20	64·4	77·0	60·6	64·5	·482	−·064	·449	79	− 5	50
Khulna ...	16	29·965	+·014	29·871	80·7	− 1·6	88	28	57·6	−0·6	48	20	66·1	74·7	60·1	64·4	·437	−·070	·455	69	− 6	54
Jessore ...	26	29·934	−·012	29·848	80·3		88	27, 28	52·0		42	20	62·6	72·6	59·2	63·9	·451	−·042	·482	81	0	61
Satkhira ...		29·943	+·003	29·861	82·3	− 1·4	90	28	55·2	−2·0	46	20	64·8	77·7	59·2	64·7	·432	−·087	·442	72	−11	47
Calcutta ...	22	29·949	+·001	29·858	81·8	− 1·7	89	28	58·2	−0·9	50	20	62·7	77·4	58·8	62·9	·443	−·065	·378	78	− 6	41
Saugor Island ...	10	29·951	−·004	29·865	79·4	− 1·4	86	27	62·6	−2·2	52	21	68·4	75·5	63·2	65·5	·508	−·120	·482	74	−12	56
Sandheads ...	25	29·944	+·002	29·867									74·5	77·0	66·9	67·8	·553	−·128	·563	65	−12	60
Midnapore ...	149	29·834	+·017	29·719	83·5	− 2·0	90	28	58·5	−2·6	48	19	67·2	78·9	59·1	63·2	·392	−·066	·363	60	− 8	39
Burdwan ...	99	29·881	+·009	29·773	81·3	− 2·0	90	15	56·6	−2·1	48	19	62·0	76·2	56·7	63·1	·391	−·043	·401	70	− 1	45
Krishnagar ...	48	29·926	−·003	29·828	81·6	− 0·8	89	15, 27, 28	53·7	−1·6	45	19, 20	62·9	75·3	57·9	64·3	·415	−·033	·448	72	− 4	53
Asansol ...	414	29·535	−·009	29·433	79·4	− 2·8	88	28	55·7	−1·6	47	19, 20	60·4	77·1	54·9	60·7	·359	−·046	·316	68	+ 1	34
Berhampore ...	62	29·910	−·002	29·802	80·1	− 1·2	89	28	54·4	−2·2	45	20	62·7	75·4	56·5	61·9	·385	−·051	·375	65	−14	43
Bogra ...	63	29·916	+·011	29·813	79·4	− 0·7	91	28	53·6	−1·1	45	20	61·3	74·8	56·5	62·2	·398	−·026	·383	72	− 8	47
Malda ...	108	29·867	+·012	29·777	78·0	− 1·6	88	27, 28	53·4	+0·8	44	20	61·5	73·8	56·1	61·0	·375	−·041	·362	70	− 6	45
Dinajpur ...	123	29·827	−·013	29·735	77·7	− 1·6	89	28	53·2	+0·5	44	20	59·5	74·6	54·9	61·6	·372	−·033	·381	73	− 8	45
Jalpaiguri ...	271	29·682	−·009	29·585	75·9	− 0·7	87	28	52·0	−1·3	45	19	57·2	71·4	54·5	60·5	·399	−·022	·389	83	− 3	51

*8 hrs. observations at surface observatory (old site) height 59 ft; 17 hrs. observations at combined observatory (new site) height 261 feet. † Register not received.

Cloud amount (tenths of sky).		Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																	STATION.
										8 hrs. L. M. T.									17 hrs. I. S. T.									
Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																												Bay Islands
0	7·2	2·25	+ 1·38	1·18	24	5	+ 3·8	4·3	+ 0·6	2	5	7	0	1	0	4	6	3	2	9	13	1	0	1	1	0	1	*Port Blair
																												Lower Burma
+ 1·2	5·6	1·58	+ 0·83	1·33	23	2	+ 0·7	4·3	− 1·5	1	16	8	2	0	0	0	0	1	0	4	7	1	0	0	4	9	3	Victoria Point
+ 3·0	6·0	1·35	− 0·67	1·02	2	2	− 0·7	5·4	+ 3·4	0	2	7	19	0	0	0	0	0	2	3	0	4	1	3	1	14	0	Mergui
+ 1·7	3·1	2·10	+ 1·66	1·40	11	2	+ 1·2	2·3	+ 1·2	3	1	1	0	0	0	0	0	23	2	0	0	0	0	1	0	3	22	Tavoy
	7·1	0·96	+ 0·96	0·48	11	2	+ 2·0	5·7		2	2	14	7	1	0	0	0	2	0	0	0	0	1	8	16	3	0	Amherst
− 1·3	2·2	0	− 0·22	0		0	− 0·3	3·1	+ 0·4	9	9	2	0	0	1	1	4	2	1	0	0	6	8	4	4	3	2	Rangoon
	8·6	0·20	− 0·11	0·20	27	1	+ 0·8	1·9		5	2	0	6	1	0	1	4	9	0	1	2	2	2	2	3	3	13	Tharrawaddy
− 0·1	1·6	0	− 0·28	0		0	− 0·3	3·9	+ 0·6	2	1	0	0	0	0	2	5	18	1	1	0	0	0	0	15	7	4	Bassein
+ 3·6	7·8	0·03	− 0·13	0·02	25	0	− 0·2	7·5		9	6	3	0	0	0	0	9	1	5	0	0	0	0	0	5	17	1	Diamond Island
	2·0	0·06	− 0·12	0·06	25	0	− 0·2	4·5		1	2	0	8	2	0	0	0	15	1	0	0	0	0	0	0	27	0	Gwa
	2·4	0·20		0·15	25	1		1·0		1	3	1	0	0	0	0	0	23	0	0	0	0	0	1	6	4	17	Sandoway
																												†Toungoo
+ 1·5	4·8	0·25	+ 0·08	0·10	13	1	+ 0·6	5·2	+ 3·2	5	10	4	2	1	1	0	3	2	0	0	0	0	0	2	10	13	3	Kyaukpyu
+ 1·5	3·1	0·14	− 0·01	0·14	12	1	+ 0·6	7·9		14	8	0	1	0	0	0	5	0	0	0	0	0	0	3	19	6	0	Akyab
																												Upper Burma
− 0·1	2·0	0	− 0·06	0		0	− 0·1	2·3	− 1·2	0	1	0	0	0	0	1	12	14	1	0	0	0	1	1	7	3	15	Minbu
+ 1·6	2·4	0·04	− 0·18	0·04	26	0	− 0·4	1·4		6	0	0	1	5	0	0	0	16	1	0	0	0	9	1	0	0	17	Yamethin
+ 1·5	2·0	0·05	− 0·08	0·03	26	0	− 0·3	1·9	**− 1·0**	5	0	0	2	0	0	0	2	19	1	0	0	0	0	0	0	2	25	Mandalay.
+ 0·8	2·0	0·20	+ 0·17	0·14	26	1	+ 0·9	2·5	+ 0·8	16	0	0	0	0	0	0	12	0	3	0	0	1	0	0	0	2	22	Monywa
− 0·5	2·8	0·18	− 0·12	0·11	9	1	0	1·5	− 1·2	0	0	1	1	0	1	0	0	25	0	0	0	0	0	11	3	3	11	Lashio
− 0·3	1·5	1·80	+ 1·32	0·97	4	3	+ 1·6	2·0	+ 0·3	13	3	1	0	1	1	1	1	7	12	5	2	1	0	0	0	1	7	Bhamo
− 0·5	3·3	0·83	− 0·02	0·57	12	2	− 0·6	2·9	+ 1·0	9	6	2	3	1	4	2	1	0	1	2	0	0	5	11	3	0	6	Myitkyina
																												Assam
+ 0·7	5·5	2·52	+ 0·10	0·61	10	6	+ 0·1	1·6	+ 0·8	3	3	13	0	0	0	0	1	8	2	2	3	0	1	0	0	0	20	Dibrugarh
− 1·2	6·1	0·86	− 1·15	0·26	10	4	− 1·3	2·5	+ 0·8	4	3	3	2	1	2	1	1	11	6	2	1	0	0	1	0	3	15	Sibsagar
− 1·2	2·9	0·10	− 1·04	0·07	9	0	− 2·8	2·7	+ 0·1	2	10	10	0	0	0	2	0	4	1	4	4	0	0	0	3	0	16	Tezpur
− 2·1	3·7	0·48	− 0·76	0·43	4	1	− 1·6	2·3	+ 0·9	1	1	7	8	4	2	0	0	5	0	2	2	0	0	3	4	2	15	Gauhati
+ 0·2	2·5	0·30	− 0·43	0·15	4	2	+ 0·5	3·7	+ 0·3	1	10	7	1	1	2	2	1	3	3	3	1	1	2	4	5	3	6	Dhubri
− 0·1	2·4	0·27	− 1·85	0·22	12	1	− 2·6	1·3	− 0·2	1	4	13	2	0	0	0	0	8	0	1	1	0	4	1	1	0	20	Silchar
+ 0·6	2·3	1·11	− 0·44	0·87	12	2	− 0·8	2·2		3	1	2	4	6	2	2	2	6	1	0	2	2	0	3	8	2	16	Srimangal
																												Bengal
+ 0·6	2·9	0·11	− 0·38	0·11	9	1	+ 0·2	3·4	+ 1·3	2	12	7	3	0	0	0	1	3	3	0	0	0	1	1	9	12	2	Cox's Bazar
− 0·3	2·2	1·46	+ 0·43	1·39	12	1	− 0·3	4·1		8	7	7	5	0	0	0	1	0	3	1	0	1	0	7	9	7	0	Chittagong
− 0·1	2·2	1·77	+ 0·64	1·22	17	2	+ 0·2	3·9	+ 2·1	12	7	3	2	0	0	1	3	0	4	1	0	4	2	2	9	6	0	Noakhali
+ 1·6	2·7	0·80	− 0·38	0·55	16	2	0	1·6		5	3	2	1	5	2	1	1	8	1	0	1	1	1	1	1	5	17	Comilla
	2·1	0·33	− 1·03	0·18	15	2	− 0·2	2·2		2	2	4	3	2	0	0	3	6	4	4	0	0	2	9	0	2	7	Brahmanbaria
− 0·8	1·5	2·14	+ 0·74	1·50	16	3	+ 1·0	1·8	− 0·1	1	1	2	2	3	0	2	6	11	0	0	0	1	3	1	6	5	12	Narayanganj
− 0·8	2·2	0·57	− 0·37	0·51	15	1	− 0·7	2·1	+ 1·0	1	3	3	2	1	1	2	2	13	1	0	0	1	0	1	3	2	20	Mymensingh
+ 0·1	1·8	3·49	+ 2·17	2·22	16	3	+ 0·8	2·4		0	7	0	1	2	0	1	10	7	1	3	0	1	1	0	1	4	17	Faridpur
− 0·8	1·8	0·69	− 0·36	0·48	16	2	+ 0·1	2·5	+ 1·2	10	1	0	1	2	1	1	6	6	3	0	0	3	0	3	4	8	7	Barisal
− 0·6	2·2	1·90	+ 1·06	1·01	16	3	+ 1·6	3·1		3	4	0	4	1	4	3	7	2	3	2	0	1	1	2	5	7	7	Khulna
− 0·5	1·5	2·83	+ 1·49	1·81	16	4	+ 2·1	2·4	+ 1·0	3	4	0	1	1	0	3	4	12	0	0	0	0	2	0	2	3	21	Jessore
− 0·6	2·2	2·22	+ 1·47	1·05	17	3	+ 2·0	1·8		5	3	0	0	2	1	2	8	7	3	0	0	1	2	0	1	7	14	Satkhira
− 0·6	2·2	1·11	+ 0·01	0·83	16	3	+ 1·4	2·1	− 0·5	4	0	0	1	0	2	1	6	14	9	1	0	0	2	1	3	8	4	Calcutta
− 0·6	2·9	0·11	− 1·01	0·08	16	0	− 1·8			7	6	2	1	3	2	1	2	4	5	3	0	2	13	4	0	0	1	Saugor Island
− 0·8	2·0	0	− 0·54	0		0	− 1·0			14	3	0	0	1	4	0	2	4	8	2	0	2	2	5	4	2	3	Sandheads
− 0·7	2·1	0·17	− 1·03	0·16	4	1	− 0·8	1·6	− 0·4	8	6	4	0	1	1	1	1	6	5	5	3	0	5	0	0	2	7	Midnapore
− 0·9	1·9	4·01	+ 2·76	3·31	16	2	+ 0·2	1·9		8	1	1	1	1	1	4	9	2	2	0	3	1	1	0	1	7	13	Burdwan
− 0·4	2·0	2·18	+ 0·98	1·19	16	2	+ 0·3	1·6		2	1	1	1	2	3	3	6	9	0	0	0	0	1	1	1	1	24	Krishnagar
− 0·5	2·7	1·77	+ 0·73	1·15	16	3	+ 0·9	4·3		5	1	1	2	0	0	4	10	5	3	2	3	1	0	0	2	11	6	Asansol
− 0·7	2·6	0·89	+ 0·01	0·46	16	2	+ 0·3	1·7	+ 0·2	7	2	0	2	2	4	5	3	3	2	0	0	1	2	3	0	5	15	Berhampore
− 0·1	2·3	0·24	− 0·54	0·17	15	1	− 0·7	2·3	+ 1·1	1	7	7	1	0	3	6	2	1	2	3	0	2	0	4	9	1	7	Bogra
+ 1·0	2·3	0·25	− 0·59	0·09	9	0	− 1·7	3·3		4	2	2	0	2	1	6	7	4	1	2	0	0	1	2	7	6	9	Malda
− 0·3	2·3	0·47	− 0·10	0·32	4	1	− 0·2	1·7	− 0·4	1	8	1	0	0	4	2	2	10	0	2	0	0	0	3	3	4	16	Dinajpur
+ 0·7	2·7	0·35	− 0·31	0·17	17	2	+ 0·8	2·1	+ 0·9	7	3	2	1	0	2	3	0	10	2	0	2	0	1	2	5	1	15	Jalpaiguri

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Relative humidity %	
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Orissa																					
Balasore ...	65	29·913	+·007	29·801	83·6	− 1·1	90	27	60·0	−1·4	53	21, 22	67·4	76·8	60·3	65·8	·424	−·087	·491	64	−13
Chandbali ...	20	29·949	−·002	29·863	84·0	− 1·0	90	4 days	62·0	−0·9	56	20, 22	67·4	77·2	63·0	65·3	·515		·456	78	− 5
Puri ...	20	29·943	+·002	29·858	81·5	− 1·7	85	23	68·3	−0·8	61	9	72·4	77·7	66·4	69·8	·558	−·104	·624	71	−10
Gopalpur ...	56	29·891	−·013	29·813	83·1	− 0·2	86	17	68·0	+0·6	61	9	73·1	78·8	67·5	71·4	·587	−·025	·656	74	− 4
Cuttack ...	87	29·888	+·009	29·784	87·3	− 1·4	93	17	61·6	−3·7	53	19	69·4	83·6	64·8	67·3	·556	−·015	·439	77	− 3
Angul ...	455	29·492	−·001	29·381	85·4	− 1·2	93	15	60·6	−0·7	52	21	65·6	82·7	59·5	63·9	·419	−·073	·341	68	− 5
Sambalpur ...	486	29·479	+·004	29·368	83·3	− 3·3	89	1, 15, 16	58·2	−1·7	49	20	64·3	81·0	58·9	64·0	·426	−·028	·368	71	+ 3
Chota Nagpur																					
Jamshedpur ...	428	29·584			80·4		90	15	55·3		46	19	60·9		55·9		·382			72	
Chaibasa ...	742	29·219	+·015	29·099	80·2	− 4·2	90	15	55·7	−1·4	46	20	61·4	77·1	57·7	67·0	·435	+·010	·526	78	+ 2
Ranchi	2,152	27·779	+·006	27·703	74·4	− 2·7	84	15	51·6	−3·6	44	20, 21	59·3	70·5	51·6	57·3	·295	−·019	·303	58	− 1
Hazaribagh ...	2,006	27·928	+·012	27·849	74·2	− 3·0	86	15	50·8	−3·6	42	21	58·6	68·9	51·4	56·8	·287	−·011	·316	58	+ 2
Daltonganj ...	725	29·238	+·002	29·138	77·3	− 2·6	87	14, 15	50·8	−0·7	42	18	55·9	73·4	52·5	58·7	·356	−·020	·306	78	0
Bihar																					
Purnea ...	124	29·849	+·003	29·747	77·3	− 1·5	89	28	51·4	−0·1	42	20	58·0	72·9	54·5	61·5	·386	−·011	·382	79	− 5
Darbhanga ...	161	29·816	+·010	29·714																	
Motihari ...	220	29·733	−·014	29·650	76·3	− 0·3	87	27, 28	50·7	+1·4	43	20	57·8	73·4	54·1	60·5	·370	−·026	·362	77	− 8
Patna ...	173	29·800	−·001	29·707	75·9	− 1·6	88	28	54·2	0	45	20	59·9	72·9	54·3	60·5	·344	−·031	·369	68	0
Gaya ...	372	29·594	−·005	29·496	79·3	− 1·2	91	28	55·0	−1·0	46	20	61·7	75·6	54·9	62·7	·346	−·030	·408	46	− 6
Naya Dumka ...	489	29·463	0	29·371	78·6	− 1·7	88	27	53·8	−1·9	44	20	62·1	73·6	55·9	60·3	·368	−·015	·337	66	+ 1
Sabour ...	122	29·848		29·755	75·7		87	28	50·3		40	20	58·2	72·0	54·7	61·4	·386		·396	79	
United Provinces, East																					
Gonda ...	360	29·607		29·521	76·6		87	26, 27, 28	50·0		40	20	55·3	73·0	51·6	59·7	·341		·337	76	
Gorakhpur ...	257	29·705	+·007	29·619	77·1	− 0·3	88	27, 28	52·7	+0·6	44	20	57·8	74·2	52·8	59·6	·336	−·022	·324	69	− 4
Benares ...	250	29·715	−·008	29·631	76·3	− 3·2	88	28	51·4	−0·4	43	19	57·4	74·5	52·5	59·3	·336	−·037	·299	70	− 3
Allahabad ...	309	29·659	−·005	29·571	75·0	− 4·5	88	28	50·9	−1·0	42	17	57·1	75·0	51·5	58·3	·307	−·038	·262	66	− 1
Fatehpur ...	375	29·590		29·488	78·1		89	28	50·3		40	19	58·3	75·9	52·3	60·2	·308		·310	65	
Cawnpore ...	416	29·538	−·012	29·462	80·0	+ 1·6	90	27, 28	51·6	+0·5	45	17, 18	55·0	76·7	49·7	58·2	·287	−·036	·236	66	− 2
Lucknow ...	371	29·581	−·015	29·493	78·3	− 0·1	88	26	50·2	−0·8	43	17	57·5	75·0	51·4	58·9	·294	−·035	·286	63	− 5
Bahraich ...	407	29·528	−·012	29·451	76·0	− 0·4	86	26, 27, 28	51·1	+0·6	41	18, 20	55·5	74·0	51·5	59·1	·321	−·028	·299	74	− 2
United Provinces, West																					
Jhansi ...	824	29·139	−·012	29·056	79·8	− 1·0	93	14	49·3	−5·8	41	19	57·5	76·9	48·7	55·8	·228	−·074	·169	49	− 7
Agra ...	554	29·416	−·003	29·333	76·5	− 1·2	87	27, 28	45·4	−0·4	36	17	54·8	74·7	48·0	55·4	·242	−·063	·174	57	−10
Mainpuri ...	516	29·442	−·002	29·361	77·0	+ 0·1	87	27	48·2	−1·6	40	16	55·7	73·9	49·8	57·1	·281	−·027	·239	63	− 6
Aligarh ...	615	29·336		29·256	73·7		88	4 days	48·1		39	19	53·2	72·2	48·1	55·9	·268		·229	66	
Bareilly ...	568	29·356	−·020	29·283	74·1	−0·9	85	28	49·1	−0·6	40	19	53·4	72·0	50·2	57·9	·320	−·003	·295	78	+ 2
Roorkee ...	899	29·023	−·017	28·957	69·3	− 3·4	82	28	45·9	−1·1	37	18, 20	52·0	67·5	49·3	56·5	·314	+·010	·318	81	+ 2
Dehra Dun ...	2,239	27·652	−·020	27·605	67·3	− 1·7	78	28	43·8	−2·9	34	17, 18	48·9	64·2	46·1	54·0	·273	+·001	·293	80	+ 8
Punjab, East and North																					
New Delhi ...	719	29·231	−·007	29·156	72·7		83	25, 28	47·2		38	19	52·2	72·2	47·8	55·7	·275		·229	70	
Hansi ...	711	29·239			73·4		86	14	44·2		35	18	51·5		47·3		·269			71	
Hissar ...	725	29·240	+·010	29·165	73·8	− 2·3	87	28	44·6	−2·1	35	18	54·5	70·8	48·7	54·7	·268	+·010	·220	64	− 1
Ambala ...	892	29·047	0	28·990	69·5	− 3·2	84	28	47·5	+0·4	39	20	52·6	65·5	49·0	54·9	·300	−·002	·293	76	− 2
Ludhiana ...	812	29·185	−·005	29·085	69·2	− 1·7	82	28	45·4	−2·3	35	17, 18, 19	50·5	67·2	48·0	55·4	·301	+·010	·273	83	+ 7
Lahore ...	702	29·242	−·021	29·198	67·9	− 4·5	82	28	45·3	+1·5	35	18	50·2	66·2	47·9	54·7	·301	+·023	·280	84	+10
Sialkot ...	830	29·113	−·016	29·066	65·4	− 4·2	78	28	44·8	−0·8	35	18	49·9	62·9	47·7	54·7	·308	−·003	·326	85	+ 2
Rawalpindi ...	1,674	28·250	−·028	28·207	61·9	− 3·2	76	28	40·1	−1·2	35	4, 8	45·7	59·1	42·9	49·8	·240	−·011	·248	79	+ 1
Punjab, Southwest																					
Khushab ...	612	29·350	−·029	29·293	69·6	− 1·5	85	28	44·0	− 2·0	33	16	49·9	63·2	44·9	53·4	·233	−·015	·203	65	− 1
Lyallpur ...	605	29·354	−·005	29·303	68·2	− 2·9	83	28	45·0	+ 1·0	36	16	50·7	66·3	46·9	54·5	·269	−·002	·273	74	− 2
Montgomery ...	558	29·412	−·009	29·356	68·9	− 3·9	84	27, 28	44·7	− 1·1	36	16, 17	48·7	67·5	45·6	56·6	·270	+·007	·318	78	+11
Multan ...	413	29·581	0	29·507	70·3	− 2·3	87	27, 28	46·6	+ 0·4	36	17	52·3	69·3	47·6	55·8	·275	−·043	·269	70	− 5
Fort Abbas ...		29·506		29·426	73·0		88	28	44·6		34	17	53·4	71·7	47·6	56·0	·255		·242	64	
Bahawalpur ...	384	29·613		29·526	72·7		89	28	44·6		33	16	51·8	70·9	47·4	56·2	·263		·256	71	
Khanpur ...	297	29·700		29·610	74·2		92	28	44·3		30	16	51·6	73·5	45·9	56·4	·238		·222	63	

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																STATION.
											8 hrs. L. M. T.									17 hrs. I. S. T.								
Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																													Orissa
2·7	+ 0·5	2·8	0·15	− 1·37	0·15	4	1	− 1·4	3·2	+ 0·9	8	7	2	1	1	0	1	6	2	0	1	3	17	7	0	0	0	0	Balasore
2·7		2·3	1·39	+ 0·38	0·76	4	2	+ 0·5	4·7		13	0	0	0	3	1	1	8	2	0	4	7	13	3	0	1	0	0	Chandbali
2·6	+ 0·1	2·6	4·15	+ 3·29	3·08	4	2	+ 1·0	10·3	+ 2·6	10	8	1	0	3	2	2	2	0	1	0	3	8	12	4	0	0	0	Puri
2·9	+ 1·7	8·4	1·26	+ 0·57	0·86	5	1	− 0·1	8·0	+ 0·3	8	1	0	0	3	1	0	15	0	1	3	7	7	8	1	0	1	0	Gopalpur
2·0	− 0·8	4·1	0·18	− 0·58	0·18	4	1	− 0·4	2·4	+ 0·9	3	3	2	1	0	1	2	5	11	1	0	3	3	3	3	2	0	13	Cuttack
4·4	+ 1·4	4·3	0·46	− 0·94	0·32	16	2	− 0·3	3·9	+ 0·3	4	1	2	3	0	0	8	9	1	6	2	3	4	2	0	5	5	1	Angul
3·3	+ 0·9	1·9	1·69	+ 0·90	1·40	8	2	+ 0·3	2·6	0	11	6	3	0	1	0	1	0	6	4	2	0	0	1	5	4	3	9	Sambalpur
																													Chota Nagpur
2·0			0·55		0·34	4	2		2·0		0	0	0	1	0	0	4	3	20									Jamshedpur
3·1	+ 0·8	2·4	1·23	− 0·26	0·48	16	4	+ 1·6	1·9	+ 0·6	0	2	0	0	1	16	1	1	7	2	0	0	0	0	9	4	1	12	Chaibasa
3·0	+ 0·5	3·0	2·30	+ 0·70	0·90	4	5	+ 2·2	4·5	+ 0·1	4	1	3	2	4	2	2	6	4	8	2	0	0	7	2	2	7	0	Ranchi
2·2	− 0·5	2·2	1·67	+ 0·54	0·78	15	3	+ 0·7	5·9	+ 0·6	0	0	1	2	4	6	4	7	4	3	5	0	1	2	2	4	10	1	Hazaribagh
2·7	+ 0·7	1·9	1·03	− 0·16	0·54	8	3	+ 0·7	2·6	+ 0·3	1	0	4	2	1	0	4	1	15	6	0	1	0	0	0	11	8	2	Daltonganj
																													Bihar
2·8	+ 0·9	2·2	1·00	+ 0·38	0·53	2	2	+ 0·7	2·9	+ 0·8	1	0	3	0	3	4	8	1	8	3	0	0	0	1	4	9	1	10	Purnea
3·0	+ 1·2	1·8									1	1	0	1	1	0	8	3	13	0	1	0	0	0	0	8	1	18	Darbhanga
2·0	+ 0·1	1·5	0·75	+ 0·20	0·56	1	1	− 0·3	2·4		1	0	2	3	2	1	5	0	14	1	0	0	4	1	2	12	0	8	Motihari
2·6	+ 0·2	1·8	0·44	− 0·27	0·10	1	1	− 0·5	4·6	+ 2·0	0	3	4	1	0	9	7	0	4	1	2	3	2	0	0	11	4	5	Patna
2·5	+ 0·1	1·6	0·45	− 0·41	0·15	2	2	+ 0·3	4·4	+ 1·9	0	3	2	8	1	8	5	1	0	1	9	1	0	1	1	7	8	0	Gaya
1·4	− 0·3	1·7	0·87	+ 0·16	0·38	15	3	+ 1·1	2·0	+ 0·7	2	1	0	2	0	2	0	14	7	1	2	0	1	1	3	1	9	10	Naya Dumka
3·0		2·6	1·15	+ 0·43	0·51	4	3	+ 1·4	3·9		0	2	2	2	2	6	4	1	9	2	2	2	0	0	0	7	6	9	Sabour
																													United Provinces, East
2·2		2·5	0·37		0·18	1	2		4·2		1	0	2	3	2	3	7	4	6	2	0	2	4	1	1	9	8	1	Gonda
1·9	+ 0·1	2·4	0·87	+ 0·27	0·74	1	2	+ 0·2	2·4		0	0	4	1	2	2	7	1	11	1	0	0	2	1	0	11	0	13	Gorakhpur
2·7	+ 0·4	1·6	0·64	− 0·02	0·43	1	2	+ 0·2	5·6	+ 3·1	0	4	3	2	1	9	6	0	3	1	6	1	0	0	3	13	4	0	Benares
1·3	− 1·5	1·0	0·35	− 0·23	0·24	1	1	− 0·5	5·2	+ 2·4	0	0	3	1	0	2	9	1	12	2	2	2	1	0	0	14	6	1	Allahabad
1·1		1·0	0		0		0		3·2		1	0	3	1	1	1	7	7	7	2	1	3	0	0	0	4	12	6	Fatehpur
0·9	− 0·8	0·4	0	− 0·66	0		0	− 1·6	3·8	+ 1·4	2	1	1	1	3	1	7	8	4	6	1	0	2	1	0	7	11	0	Cawnpore
1·6	− 1·0	1·2	0·08	− 0·57	0·05	7	0	− 1·5	1·1	− 0·8	1	0	2	0	0	1	7	2	15	0	0	1	1	0	2	5	2	17	Lucknow
2·4	+ 0·4	3·8	0·31	− 0·60	0·31	1	1	− 1·0	1·2	− 0·8	0	0	2	3	0	1	2	2	18	0	1	1	3	0	1	4	0	18	Bahraich
																													United Provinces, West
0·5	− 1·0	0·2	0	− 0·45	0		0	− 1·1	3·5	+ 1·0	1	1	0	1	0	12	7	3	3	3	1	0	0	0	5	9	7	3	Jhansi
1·8	− 0·6	2·6	0	− 0·48	0		0	− 1·0	3·5	+ 0·5	1	0	2	2	0	1	10	5	7	6	3	0	0	1	1	7	9	1	Agra
1·9	− 0·8	2·3	0	− 0·69	0		0	− 1·5	3·3	+ 1·8	1	3	3	0	0	6	8	2	5	0	2	1	0	0	11	11	0	3	Mainpuri
2·0		2·3	0		0		0		4·6		2	1	2	1	0	1	5	9	7	9	0	1	2	0	1	1	12	2	Aligarh
3·5	+ 0·6	3·7	0·13	− 0·79	0·13	1	1	− 0·7	4·5	+ 2·6	3	0	4	1	0	0	10	6	4	1	0	3	1	0	0	14	6	3	Bareilly
4·2	+ 1·3	4·5	2·75	+ 1·35	2·04	1	2	− 0·6	3·7	+ 1·6	0	2	2	4	0	1	2	11	6	1	0	0	3	0	2	1	18	3	Roorkee
4·3	+ 0·3	5·1	2·94	+ 0·59	1·62	1	4	+ 0·4	2·3	+ 1·1	1	2	1	3	0	1	7	6	7	0	1	0	4	0	4	15	3	1	Dehra Dun
																													Punjab, East and North
2·8	− 0·2	4·2	0·11	− 0·65	0·11	1	1	− 0·6	3·4	+ 0·8	0	0	1	1	2	5	13	1	5	4	1	1	1	1	1	9	9	1	New Delhi
3·2			0·04		0·04	6	0				3	2	0	0	2	0	2	5	14										Hansi
1·9	− 0·5	2·5	0·58	+ 0·13	0·54	3	1	+ 0·1	4·1	+ 0·1	3	0	2	1	3	4	4	4	7	7	1	2	0	0	2	3	11	2	Hissar
4·1	+ 0·6	4·6	0·59	− 1·06	0·22	8	2	− 1·0	5·3	+ 2·6	3	2	2	2	0	2	7	9	1	0	0	1	3	0	2	9	13	0	Ambala
4·6	+ 1·3	3·0	1·53	+ 0·24	0·86	1	4	+ 1·5	2·9	+ 1·5	4	3	2	1	0	1	6	7	4	1	1	2	1	1	1	9	12	0	Ludhiana
4·5	+ 0·9	4·9	1·12	+ 0·18	0·55	14	3	+ 0·8	2·2	+ 0·6	1	3	1	1	0	1	3	7	11	2	2	0	0	1	1	4	14	4	Lahore
3·0	− 0·1	3·4	2·38	+ 0·79	1·10	14	4	+ 1·0	2·1	+ 0·8	1	11	2	1	0	0	0	10	3	0	4	1	2	0	6	2	10	3	Sialkot
5·6	+ 1·4	5·6	2·24	+ 0·05	0·75	15	5	+ 1·3	3·8	+ 1·9	3	2	0	0	0	5	0	4	14	0	3	0	0	0	17	2	4	2	Rawalpindi
																													Punjab, Southwest
5·0	+ 1·7	5·9	0·37	− 0·52	0·14	3	1	− 1·0	4·1	+ 1·4	1	4	1	0	2	3	3	0	14	5	7	3	3	2	1	2	4	1	Khushab
3·3	− 1·8	4·5	1·15	+ 0·81	0·47	14	4	+ 3·0	2·0	+ 0·2	5	1	0	3	1	4	2	3	9	1	1	1	1	2	7	1	6	8	Lyallpur
1·5	− 1·7	2·7	0·98	+ 0·52	0·58	14	4	+ 2·6	1·3	− 1·9	0	0	0	2	0	0	0	1	25	1	2	0	1	0	2	5	5	12	Montgomery
3·4	+ 0·7	3·6	0·76	+ 0·40	0·30	3	4	+ 2·8	2·2	+ 1·0	7	2	0	0	5	2	1	5	6	10	1	1	1	4	5	1	2	3	Multan
2·9		3·3	0·15		0·10	3	1		5·6		2	3	4	9	3	3	0	3	1	9	3	2	0	0	3	5	6	0	Fort Abbas
1·9		2·1	0·07	− 0·22	0·04	14	0	0	2·9		2	6	3	5	2	3	1	0	6	4	8	2	1	2	3	3	2	3	Bahawalpur
2·4		2·9	0·14	+ 0·05	0·11	14	1	+ 0·5	4·5		11	3	3	2	0	5	0	1	3	6	9	0	1	2	5	4	1	0	Khanpur

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature. °F.				Dry bulb temperature °F.		Wet bulb tempera-ture °F.		Vapour pressure, inches.			Relati humid %	
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Kashmir																					
Srinagar ...	5,205	24·933	+·006	24·891	35·6	− 7·9	40	5 days	24·5	− 4·3	15	16, 17	27·9	33·2	27·3	32·0	·142	−·020	·169	93	+ 4
Gulmarg ...								Closed	during	winter	mo	nths.									
Muzaffarabad ...	2,343	27·571	−·022		58·5	− 3·0	70	26, 27	39·5	− 1·3	32	14	44·6		41·6		·227	−·003		77	+ 3
Dras ...	10,059	20·812	+·073		12·8	− 9·0	25	1	−10·5	+ 0·2	−29	19	− 2·7		− 3·7		·030	−·019		75	−14
Leh ...	11,503	19·652	+·054		24·8	− 8·0	39	15	2·5	− 7·4	−12	19	8·4		6·0		·040	−·006		60	+ 6
Skardu ...	7,505				27·6	−10·6	35	23	4·6	−14·0	− 7	19	13.3(i)		12.0(i)		.066	−.045		79(i)	−10
Gilgit ...	4,890				46·3	− 6·0	58	26	33·0	− 3·7	24	18	35·5		31·8		·142	+·005		68	+13
N.-W. F. Province																					
Peshawar ...	1,164	28·816	−·024	28·763	63·7	− 2·5	79	27	40·2	− 3·6	32	17	46·2	61·9	43·5	53·7	·244	−·002	·311	80	+ 8
Miranshah ...	3,026				57·3		74	27	38·2		29	16, 17	42·4		37·8		·173			63	
Dera Ismail Khan ...	570	29·422	+·001	29·353	67·6	− 4·0	84	28	43·9	− 0·7	34	16	49·5	66·6	47·3	57·9	·296	+·043	·368	85	+15
Baluchistan																					
Fort Sandeman ...	4,614	25·410	−·016	25·348	56·5	− 3·1	77	28	33·9	− 0·7	23	16	37·7	55·8	34·6	43·5	·169	−·021	·134	74	+ 8
Sibi ...	441	29·547			73·0		89	28	48·6		35	16	53·9		46·8		·230			55	
Quetta ...	5,540	24·581	−·013	24·527	52·0		72	28	32·7		18	16	38·6	51·1	35·7	42·4	·177		·178	77	
Chaman ...	4,311	25·711	0	25·652	56·5	− 0·7	77	23	40·2	+ 2·8	25	15, 16	45·8	56·0	39·6	45·1	·178	−·012	·173	60	0
Kalat ...	6,616	23·624	+·020		51·3	− 1·7	69	27, 28	30·8	+ 6·0	17	15	36·2		32·4		·141	−·039		69	−11
Dalbandin ...	2,780	27·160	−·010	27·071	67·1	− 0·2	88	28	42·6	+ 3·6	25	15	50·0	67·2	44·9	52·1	·237	+·015	·203	63	− 2
Nokkundi ...	2,229	27·704		27·627	70·3		89	27	47·5		29	15	54·2	69·8	46·3	55·5	·212		·253	50	
Las Bela ...	292	29·707		29·587	91·6		98	28	48·3		33	15	60·4	80·7	54·7	67·4	·359		·479	69	
Ormara ...	15	30·007		29·916	74·6		85	28	58·8		48	15	69·3	73·5	58·7	61·2	·439		·369	75	
Pasni ...	10	30·015	+·003	29·929	75·3	− 1·6	86	26	56·5	+ 0·4	48	7, 15	61·6	73·4	57·7	65·4	·428	−·006	·509	77	+ 3
Panjgur ...	3,177	26·786	+·010	26·693	67·8	+ 0·3	86	28	42·4	+ 1·1	27	15	48·9	66·9	44·5	55·9	·243	+·015	·321	71	+ 4
Gwador ...	39	29·987		29·906	74·5		83	27	59·9		47	15	65·1	73·7	60·5	64·3	·476		·468	75	
Sind																					
Jacobabad ...	186	29·819	+·005	29·720	77·0	− 1·3	92	28	47·9	− 0·7	35	16	54·4	77·4	47·8	59·0	·248	−·001	·253	59	+ 5
Sukkur ...	221	29·776			76·7		93	28	50·3		42	15, 17	54·0		48·1		·255			63	
Naushahro ...	140	29·865		29·754	79·4		95	28	48·1		39	15	54·0	77·8	48·0	57·3	·255		·192	62	
Chhor ...	19	29·990		29·876	84·3		101	28	47·7		37	15, 16	59·6	81·4	52·4	65·1	·295		·395	59	
Hyderabad ...	96	29·919	+·012	29·819	80·6	− 0·2	95	28	54·0	− 0·2	42	16	59·3	80·6	50·7	58·6	·261	−·040	·206	51	− 7
Drigh Road (Karachi)	77	29·937		29·836	79·6		95	23	53·3		43	16	60·4	77·5	52·0	58·6	·275		·246	53	
Manora (Karachi) ...	13	29·990	−·011	29·903	76·7	− 0·6	88	26	59·4	− 1·3	52	16	63·4	74·7	57·5	64·2	·395	−·037	·455	67	0
Badin ...	36	29·954		29·843	81·7		96	28	52·7		43	15	60·8	80·3	52·2	58·5	·275		·206	52	
Rajputana, West																					
Sri Ganganagar ...	580	29·387		29·319	71·2		85	28	42·1		31	16	50·3	69·8	47·0	55·6	·276		·262	76	
Bikaner ...		29·230	+.012	29·141	75·0		89	28	43·6		33	17	52·3	74·4	45·8	57·6	·224		·255	59	
Jodhpur ...	780	29·193	+·007	29·093	79·2	− 1·4	94	27	53·0	− 0·3	43	15	58·0	78·7	48·1	57·1	·202	−·002	·179	43	+ 3
Barmer ...	688	29·334		29·234	79·4		94	28	52·4		41	15	58·7	79·0	49·5	58·0	·228		·202	47	
Rajputana, East																					
Jaipur ...	1,431	28·513	−·013	28·436	75·3	− 1·5	87	27, 28	48·7	− 1·6	37	15	58·2	74·0	48·7	55·2	·230	−·013	·197	47	− 2
Ajmer ...	1,593	28·339	−·029	28·257	74·0	− 3·2	88	27	46·0	− 3·9	37	15, 19	57·3	73·0	47·3	52·8	·199	−·066	·155	43	−18
Kotah ...	843	23·118	−·013	23·018	80·3	− 1·5	94	27	52·2	− 3·4	45	17, 18	60·8	78·7	52·2	61·3	·275	+·015	·302	47	0
Brijnagar ...	1,083	28·898		28·791	80·2		93	14, 27	48·6		40	9, 18, 19	58·6	79·0	49·4	58·9	·228		·283	47	
Gujarat																					
Deesa ...	466	29·491	−·010	29·400	83·3	− 3·1	97	28	51·0	− 3·3	41	15	61·3	82·3	48·4	57·4	·156	−·066	·182	31	−11
Bhuj ...	348	29·698	+·001	29·542	82·0	− 1·6	95	28	53·8	− 3·3	42	16	62·1	81·6	51·7	67·2	·248	−·136	·139	45	−16
Dwarka ...	37	29·965	−·005	29·871	78·4	0	90	25	60·3	− 2·7	53	16, 17	66·4	74·4	58·9	61·3	·399	−·102	·362	63	− 8
Jamnagar ...	60	29·937	−·008		80·4	− 2·1	93	28	54·3	− 1·4	45	17, 18	64·0		56·2		·342	−·056		58	− 6
Rajkot ...	482	29·539	−·002	29·430	84·7	− 1·8	97	27, 28	52·6	− 1·4	42	8	62·2	83·7	60·4	57·6	·201	−·130	·136	39	−16
Veraval ...	19	29·951	−·004	29·850	84·1	+ 2·6	97	25	59·6	− 1·0	49	16	67·6	78·0	56·5	67·9	·325	−·097	·520	44	−15
Surat ...	39	29·916	−·018	29·813	88·4	− 0·9	100	28	58·7	− 0·7	51	16	65·0	85·9	55·9	68·1	·329	−·084	·442	54	− 8
Bhavnagar ...	55	29·928	−·002	29·807	85·7	− 1·3	98	28	54·2	− 3·6	43	16	62·3	84·5	49·2	59·7	·176	−·162	·184	32	−21
Ahmadabad ...	163	29·819	+·001	29·699	86·4	− 1·4	99	27, 28	58·8	− 0·7	50	15, 16	65·5	84·6	51·1	59·8	·182	−·124	·184	30	−16
Dohad ...	1,093	28·849			83·8		96	27, 28	53·6		45	16	60·3		49·5		·202			40	
Baroda ...	115	29·858		29·743	87·0		100	26, 27, 28	48·8		37	16	61·2	85·4	50·3	59·9	·215		·177	40	

i - mean of 22 days

Cloud amount (tenths of sky).		Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																	STATION.
										8 hrs. L. M. T.										17 hrs. I. S. T.								
Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																												Kashmir
+ 1·9	8·6	4·32	+ 1·59	1·51	14	7	+ 0·8	2·6	+ 0·3	1	1	0	9	7	0	2	4	4	2	3	0	13	2	3	1	4	0	Srinagar
																												Gulmarg
- 1·7		4·73	+ 0·28	2·00	14	6	- 0·7	3·7	+ 1·9	5	0	0	0	2	0	0	0	21										Muzaffarabad
+ 0·2		7·52	+ 4·85	2·13	14	8	+ 0·9	0·9	+ 0·4	0	0	0	0	0	0	0	0	28										Dras
+ 0·5		1·20	+ 0·90	0·41	14	4	+ 3·2	1·9	+ 0·7	10	6	1	0	0	0	0	0	11										Leh
+ 0·3		1·20	+ 0·53	0·55	14	5	+ 2·7	0·5	- 1·1	0	0	0	0	0	0	0	0	28										Skardu
- 0·8		0·48	+ 0·27	0·33	14	2	+ 1·2	0·6	- 1·1	0	0	0	0	0	0	0	0	28										Gilgit
																												N.-W. F. Province
- 0·7	5·7	0·50	- 0·85	0·35	6	1	- 2·1	1·6	- 0·3	1	0	1	1	5	4	3	0	13	5	4	1	2	1	1	0	2	12	Peshawar
		0·90		0·27	6	5		4·1		4	1	1	0	0	1	9	3	3										Miranshah
+ 0·9	4·6	2·07	+ 1·42	1·20	3	4	+ 2·3	1·5	+ 0·2	3	2	0	1	0	1	4	2	15	3	5	3	2	1	0	1	2	11	Dera Ismail Khan
																												Baluchistan
+ 1·1	5·1	0·55	- 0·39	0·25	6	2	- 1·0	3·1	+ 0·7	0	0	0	0	0	0	1	0	27	1	2	1	0	2	0	1	4	17	Fort Sandeman
		0·04		0·04	5	0		3·2		3	3	2	3	3	1	1	5	7										Sibi
+ 1·7	6·9	1·33		0·43	5, 22	4		6·2		4	3	2	4	7	5	2	0	1	7	2	0	0	5	2	8	3	1	Quetta
- 0·2	3·8	1·88	+ 0·46	0·80	5	4	+ 0·1	6·7	+ 1·5	0	5	10	5	3	1	2	1	1	0	0	0	1	6	9	8	3	1	Chaman
+ 0·5		1·34	+ 0·30	0·82	5	4	+ 1·1	5·2	+ 0·3	1	0	1	9	11	0	1	2	3										Kalat
- 0·8	3·1	0·61	- 0·34	0·61	5	1	- 0·8	2·0	- 2·2	0	0	1	0	1	1	2	0	23	1	2	1	2	6	5	3	1	7	Dalbandin
	2·5	0·09		0·05	5	0		6·7		4	7	5	2	1	0	0	4	5	5	0	3	9	0	4	1	5	1	Nokkundi
	1·0	0·08		0·08	5	0		2·5		7	1	0	0	0	0	0	3	17	2	0	2	1	12	4	0	4	3	Las Bela
	0·7	1·13		1·13	5	1		7·0		2	4	5	2	0	1	3	1	10	1	1	3	2	1	7	10	3	0	Ormara
- 1·8	1·2	1·27	+ 0·13	1·27	5	1	- 0·3	7·4	+ 1·9	4	1	3	1	0	0	5	9	5	3	1	1	4	4	8	5	0	0	Pasni
- 1·4	2·0	0·45	- 0·37	0·45	5	1	- 0·2	6·6	+ 1·4	6	13	7	1	0	0	0	0	1	4	1	0	0	3	10	8	0	0	Panjgur
	1·8	1·36		1·02	17	2		6·8		7	7	4	0	0	0	3	5	2	2	0	4	6	3	8	4	1	0	Gwadar
																												Sind
- 0·7	2·3	0	- 0·32	0		0	- 0·9	3·8	+ 1·7	3	5	3	5	1	2	0	3	6	1	3	2	7	1	6	1	7	0	Jacobabad
		0		0		0		3·7		3	5	2	13	2	1	0	0	2										Sukkur
	1·0	0	- 0·28	0		0	- 0·9	1·5		2	4	1	0	3	3	0	8	7	5	2	1	0	4	5	3	4	4	Naushahro
	1·4	0		0		0		5·1		5	9	2	2	3	2	0	0	5	7	6	0	0	2	6	5	1	1	Chhor
- 0·6	1·1	0	- 0·27	0		0	- 0·6	3·9	- 0·5	7	1	1	2	3	3	3	5	3	5	6	2	1	3	4	3	2	2	Hyderabad
	0·3	0		0		0		7·5		7	10	0	0	0	0	1	2	8	0	4	1	1	4	13	4	1	0	Drigh Road (Karachi)
- 1·1	0·3	0	- 0·39	0		0	- 1·0	6·4	- 0·4	7	11	2	0	0	0	3	2	3	0	0	2	2	3	12	8	1	0	Manora (Karachi)
	0·3	0		0		0		3·7		4	11	2	1	1	3	3	0	3	5	8	1	0	1	5	4	1	3	Badin
																												Rajputana, West
	2·3	0·55		0·33	14	2				5	1	2	6	3	2	1	6	2	8	4	2	1	0	0	2	11	0	Sri Ganganagar
- 0·7	2·1	0		0		0		2·9	- 0·5	1	2	4	8	2	3	2	0	6	6	2	0	0	0	2	6	8	4	Bikaner
- 2·0	1·5	0	- 0·20	0		0	- 0·6	4·9	+ 2·0	5	15	2	0	0	2	2	1	1	8	7	1	1	1	5	3	1	1	Jodhpur
	0·9	0		0		0		5·5		4	2	0	0	0	0	3	13	6	3	7	3	2	1	4	3	4	1	Barmer
																												Rajputana, East
- 2·5	1·4	0	- 0·29	0		0	- 0·8	2·5	- 1·4	3	6	5	0	0	0	1	1	12	3	1	2	1	0	4	5	8	4	Jaipur
- 1·6	1·6	0	- 0·25	0		0	- 0·7	1·3	- 0·7	0	1	0	0	0	1	1	0	25	1	0	0	0	0	1	4	4	18	Ajmer
- 1·6	1·0	0	- 0·29	0		0	- 0·5	1·9	+ 0·1	0	0	1	1	0	1	6	4	15	6	2	4	0	0	0	6	7	3	Kotah
	0·3	0		0		0		3·1		9	2	2	2	0	0	2	3	8	6	5	1	0	0	4	3	6	3	Brijnagar
																												Gujarat
- 1·4	1·1	0	- 0·16	0		0	- 0·3	3·0	- 3·1	4	4	1	1	0	0	0	0	18	7	4	0	0	1	3	3	3	7	Deesa
- 1·2	0·1	0	- 0·15	0		0	- 0·3	4·0	- 1·0	2	2	1	0	0	1	1	0	21	6	5	2	0	0	2	4	5	4	Bhuj
+ 0·2	0·2	0	- 0·32	0		0	- 0·5	10·4	+ 1·7	9	10	3	0	0	0	1	4	1	1	6	2	0	0	1	7	11	0	Dwarka
- 0·5		0	- 0·10	0		0	- 0·2	4·1	- 2·6	2	5	4	0	0	0	1	1	15										Jamnagar
- 0·1	0·1	0	- 0·10	0		0	- 0·3	5·9	+ 1·3	8	9	5	0	0	0	1	2	3	4	11	2	0	0	0	2	7	2	Rajkot
- 0·3	0·4	0	- 0·05	0		0	- 0·2	5·1	- 0·5	15	6	0	1	0	0	0	4	2	2	2	0	0	5	3	11	5	0	Veraval
- 0·2	1·1	0	- 0·07	0		0	- 0·2	5·1	+ 1·8	8	7	2	1	1	1	2	4	2	5	3	1	0	1	6	7	5	0	Surat
- 0·7	0·4	0	- 0·08	0		0	- 0·2	4·1	- 0·4	8	2	0	0	0	0	6	11	1	5	8	9	2	2	1	0	1	0	Bhavnagar
- 0·9	0·5	0	- 0·12	0		0	- 0·3	4·5	+ 1·1	4	11	7	1	0	0	1	2	2	4	4	4	1	2	2	5	4	2	Ahmadabad
		0		0		0				1	0	12	4	2	2	2	0	5										Dohad
	0·4	0		0		0		1·1		0	0	0	0	0	0	1	0	27	3	2	1	0	0	1	2	3	16	Baroda

d—Mean of 27 days. *p*—Mean of 15 days.

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Relati humid %	
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Central India, West																					
Neemuch ...	1,626	28·313	−·018	28·238	78·2	− 2·5	91	27	49·0	−2·7	41	9	60·0	77·4	47·9	56·9	·176	−·076	·192	34	−14
Indore ...	1,823	28·109	−·013	28·013	80·6	− 2·4	91	28	48·3	−4·0	36	18	60·3	79·6	47·8	55·0	·169	−·116	·107	33	−16
Bhopal ...	1,643	28·305		28·203	80·2		90	14,27,28	49·2		38	18	59·9	78·8	48·0	56·2	·176		·149	35	
Guna ...	1,571	28·363		28·273	79·3		91	28	45·1		35	18	55·1	78·0	46·7	56·6	·210		·179	48	
Central India, East																					
Nowgong ...	750	29·215	+·004	29·118	79·9	+ 0·4	92	14	46·4	−4·5	37	18, 19	55·1	77·6	53·2	59·9	·375	+·059	·284	66	+ 1
Sutna ...	1,041	28·899	−·003	28·809	79·0	− 0·1	91	14	49·0	−3·3	38	19	59·9	75·4	51·9	57·8	·282	−·027	·249	55	− 6
Umaria ...	1,500	28·422		28·338	77·6		89	14	48·0		37	18	58·0	73·9	51·2	56·7	·281		·239	60	
Berar																					
Akola ...	925	29·012	−·005	28·878	88·4	− 2·1	98	14	55·9	−1·5	48	2, 3, 19	63·4	86·5	52·5	63·0	·256	−·028	·261	43	0
Amraoti ...	1,213	28·718	−·005		86·4	− 3·1	95	14	60·6	−1·3	53	12	66·7		52·6		·217	−·099		33	−12
Central Provinces, West																					
Khandwa ...	1,044	28·899	−·004	28·782	87·1	− 1·4	98	14, 28	50·9	−5·0	42	20	61·5	84·2	48·2	58·4	·156	−·107	·136	30	−14
Hoshangabad ...	992	28·960	−·007	28·839	82·6	− 2·6	93	14, 28	54·8	+1·6	44	18	62·3	81·6	50·5	58·7	·215	−·071	·193	38	− 8
Saugor ...	1,808	28·132	+·001	28·042	77·9	− 2·6	90	14	53·7	−1·8	43	17	62·2	74·7	50·5	56·3	·222	−·028	·202	40	− 6
Jubbulpore ...	1,289	28·655	+·008	29·557	80·6	− 0·6	92	14	48·4	−2·5	37	18	56·1	77·9	50·6	59·6	·301	−·029	·270	66	+ 4
Seoni ...	2,027	27·911	+·002	27·819	80·4	− 2·8	88	14	53·2	−1·8	47	18, 19	61·1	77·6	50·3	57·2	·215	−·112	·192	42	−14
Nagpur ...	1,017	28·925	+·001	28·803	86·6	− 1·9	93	14	56·5	−3·1	51	12,19,20	63·7	84·4	52·9	62·5	·259	−·081	·281	43	− 8
Central Provinces, East																					
Pendra ...	2,040	27·894	−·003	27·812	76·6	− 0·3	85	15	52·0	−1·8	44	19	60·9	72·5	51·7	57·1	·268	−·064	·259	50	−12
Raipur ...	970	28·973	+·003	28·871	84·2	− 1·9	91	14, 15	58·7	−1·5	50	21	64·4	81·2	57·8	64·2	·395	+·025	·368	67	+10
Kanker ...	1,318	28·616		28·514	83·6		90	14	57·3		50	12,20,22	63·7	81·3	58·2	63·7	·408		·361	70	
Chanda ...	634	29·307	−·004	29·180	88·5	− 2·4	94	1, 14, 15	59·7	+0·3	51	19	67·3	86·2	58·3	64·8	·362	−·054	·328	55	− 4
Jagdalpur ...	1,813	28·108	−·013	28·011	85·9	− 0·5	90	14	58·5	+1·2	52	12,13,24	66·4	81·4	59·3	63·7	·406	−·047	·361	64	− 8
Konkan																					
Bombay ...	37	29·896	−·024	29·798	82·9	0	94	28	66·5	−0·7	60	16	70·9	78·8	64·0	69·3	·503	−·061	·580	67	− 4
Alibag ...	23	29·911			81·9		93	28	63·0		56	16	70·4		61·0		·409		•	56	
Ratnagiri ...	207	29·708	−·020	29·626	84·3	− 1·5	94	27	67·8	+0·6	60	17	74·4	80·6	63·5	69·4	·428	−·097	·560	53	−11
Marmagao ...	202	29·703	−·024	29·604	83·6		90	27, 28	70·5		64	17	74·9	82·0	68·5	71·9	·620		·649	71	
Karwar ...	44	29·881	−·012	29·779	86·0	0	92	26	66·2	−0·8	59	3, 17	69·8	84·0	66·9	73·3	·620	+·008	·669	86	+ 1
Bombay Deccan																					
Julgaon ...	660	29·274			89·0		99	14	53·7		43	3	62·0		47·9		·150			28	
Malegaon ...	1,430	28·494	−·020	28·374	87·4	− 2·6	96	14	51·5	−3·4	43	2, 18	63·0	85·8	52·0	64·1	·242	−·037	·308	42	− 3
Ahmadnagar ...	2,154	27·776	−·018	27·659	87·2	− 1·2	94	14	54·4	−1·1	45	2	63·8	85·4	50·7	59·7	·202	−·104	·177	33	−14
Poona ...	1,834	28·095	−·014	27·966	89·1	− 1·5	95	13,22,23	52·4	−2·8	45	16, 17	62·6	87·0	54·1	61·9	·312	−·006	·244	55	− 2
Satara ...	2,320	27·613		27·497	87·7		94	22	59·9		52	16	65·5	85·6	54·1	61·2	·264		·209	43	
Sholapur ...	1,570	28·338	−·022	28·201	92·6	+ 1·1	97	21,22,23	63·0	+0·5	57	2, 4, 17	70·7	91·2	55·6	63·9	·249	−·045	·228	31	− 7
Miraj ...	1,824	28·111		27·977	90·1		95	22, 23	59·8		51	17	68·9	89·3	56·2	64·6	·282		·288	41	
Inchalkaranji ...	1,795	28·128			92·4		98	22	59·3		49	2, 3	67·3		56·3		·302			47	
Bijapur ...	1,950	27·958	−·028	27·827	91·7	+ 0·7	96	21, 23	64·3	+0·4	59	12	71·4	90·3	57·0	64·7	·272	−·125	·275	35	−16
Belgaum ...	2,562	27·366	−·013	27·267	89·7	+ 1·4	95	13, 22	59·1	−0·3	51	17	69·4	84·0	57·6	63·9	·322	−·033	·328	46	− 5
Gadag ...	2,131	27·779		27·656	92·3		96	12, 22	65·8		61	16	73·1	89·9	61·9	66·8	·408		·352	50	
Hyderabad, North																					
Aurangabad ...	1,905	28·040	−·015		87·1	− 1·6	93	13, 14	58·2	−0·7	51	1, 9	68·0		52·9		·203	−·081		30	− 9
Nizamabad ...	1,250	28·657	−·031		88·5	− 2·4	95	14	63·9	+2·4	57	12	69·9		61·3		·422	−·005		59	+ 5
Hyderabad, South																					
Gulbarga ...	1,503	28·399	−·027		92·1	− 0·4	96	14,22,23	65·7	+1·6	57	3	72·4		62·2		·421	+·022		53	+ 3
Raichur ...	1,311	28·571	−·040		92·1	0	97	14	71·9	+3·5	66	1	75·4		66·6		·540	+·079		61	+ 7
Hyderabad ...	1,709	28·203	−·009		89·6	+ 0·1	96	14	65·8	+1·6	59	13	71·9		64·2		·495	+·021		64	− 1
Hanamkonda ...	877	29·035	−·027		89·1	− 0·5	93	5, 14, 22	68·1	+2·8	60	12	72·2		66·0		·558	+·063		71	+ 9
Mysore																					
Chitaldrug ...	2,405	27·510	−·021	27·388	92·3	+ 3·0	96	12, 22	68·5	+2·6	64	3, 16	74·1	89·7	66·0	69·8	·531	+·097	·463	63	+10
Balehonnur ...	2,917	27·042			85·0		89	13, 19	60·8		57	4 days	65·5		63·5		·526			86	
Hassan ...	3,149	26·805	−·024		89·3	+ 2·8	92	6 days	63·8	+5·3	59	17	70·1		64·1		·531	+·049		72	+ 2
Bangalore ...	3,021	26·933	−·014	26·823	86·4	+ 1·1	90	18	64·4	+4·9	59	25,26,27	69·6	84·1	63·6	64·3	·526	+·042	·365	72	0
Mysore ...	2,518	27·404	−·031	27·295	89·2	+ 0·4	98	18	67·4	+3·8	63	25	71·3	87·9	65·5	65·9	·589	+·026	·343	72	+ 4

oud amount nths of sky).		Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																	STATION.
										8 hrs. L. M. T.									17 hrs. I. S. T.									
Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																												Central India, West
− 1·4	1·2	0	− 0·20	0		0	− 0·4	4·8	0	0	17	1	0	0	2	1	0	7	1	13	1	0	0	4	3	2	4	Neemuch
− 1·0	0·9	0	− 0·18	0		0	− 0·6	3·4	+ 1·1	2	10	4	6	1	2	1	0	2	4	9	1	1	1	4	3	2	3	Indore
	0·3	0		0		0		2·6		3	5	1	0	0	2	1	2	14	2	7	2	0	1	2	5	5	4	Bhopal
	0·1	0		0		0		2·5		1	1	3	1	1	0	0	1	20	0	5	2	0	0	2	7	4	8	Guna
																												Central India, East
− 2·4	0·9	0	− 0·50	0		0	− 1·1	2·0	+ 0·5	1	0	1	0	5	10	1	2	8	3	4	1	0	0	3	6	7	4	Nowgong
− 1·9	0·5	0·19	− 0·54	0·14	1	1	− 0·7	3·2	+ 0·4	0	0	0	3	6	8	5	4	2	2	1	1	3	0	2	7	11	1	Sutna
	1·5	1·06		0·59	7	2		2·5		0	1	3	2	1	1	0	1	19	7	2	1	0	1	0	4	8	5	Umaria
																												Berar
− 1·7	0·2	0	− 0·29	0		0	− 0·6	4·3	+ 1·2	0	3	1	1	1	0	2	3	17	2	2	1	0	0	0	2	5	16	Akola
− 0·8		0·60	+ 0·22	0·34	6	2	+ 1·3	5·9	+ 2·3	3	9	13	1	0	1	1	0	0										Amraoti
																												Central Provinces, West
− 1·3	0·5	0	− 0·12	0		0	− 0·3	4·7		1	8	6	3	4	1	2	2	1	6	6	1	1	1	3	3	7	0	Khandwa
− 1·5	0·3	0	− 0·41	0		0	− 1·0	2·9	+ 0·8	0	7	11	5	0	1	0	1	3	0	2	11	2	1	0	3	0	9	Hoshangabad
− 1·2	0·9	0	− 0·44	0		0	− 1·2	9·7	+ 6·3	4	7	5	6	2	3	0	1	0	3	9	1	7	3	3	0	2	0	Saugor
− 1·0	0·7	1·05	+ 0·23	0·62	1	3	+ 1·3	1·4	− 0·3	0	0	1	2	2	0	0	0	23	3	5	1	2	0	1	2	1	13	Jubbulpore
− 0·7	1·4	0·51	− 0·43	0·22	8	2	0	5·0	+ 2·5	0	6	9	1	0	1	0	1	10	1	5	5	4	5	4	1	2	1	Seoni
− 0·2	2·0	0·22	− 0·38	0·20	8	1	− 0·4	3·0	− 0·1	8	5	2	1	1	1	1	3	6	1	5	4	1	0	6	4	0	7	Nagpur
																												Central Provinces, East
− 0·3	1·5	0·85	− 0·83	0·57	8	2	− 1·1	3·6	+ 0·3	10	3	1	0	3	1	0	7	3	14	2	0	3	1	1	0	6	1	Pendra
+ 1·4	1·4	0·84	− 0·01	0·70	8	2	+ 0·4	3·2	+ 0·4	9	9	0	1	0	2	0	2	5	4	3	0	1	2	0	1	0	17	Raipur
	2·1	0·71		0·40	7	2		2·9		0	2	0	2	0	2	1	3	18	1	1	1	4	1	11	4	4	1	Kanker
+ 1·1	2·3	0·35	− 0·42	0·15	6	2	+ 0·9	2·6	+ 0·6	6	3	4	2	2	0	2	3	6	4	7	5	1	1	1	2	4	3	Chanda
+ 2·0	4·1	0·99	+ 0·02	0·52	4	3	+ 1·9	2·4		4	1	0	0	1	0	4	1	17	3	5	1	1	5	1	5	3	4	Jagdalpur
																												Konkan
− 0·6	0·9	0	− 0·08	0		0	− 0·2	6·3	− 3·3	4	10	10	3	0	0	1	0	0	9	0	0	0	0	0	1	18	0	Bombay
		0		0		0		5·6		4	10	7	4	0	0	0	0	3										Alibag
− 0·7	0·3	0·04	− 0·01	0·04	25	0	− 0·1	6·4	− 0·1	0	5	8	4	1	1	2	5	2	1	0	0	1	0	5	4	17	0	Ratnagiri
− 0·3	1·4	0		0		0		8·0		5	5	12	3	2	0	0	0	1	0	0	0	0	0	8	10	10	0	Marmagao
+ 0·1	0·4	0	− 0·04	0		0	− 0·1	3·3	+ 0·5	9	9	0	0	0	0	0	2	8	3	1	0	0	1	11	1	11	0	Karwar
		0		0		0				0	0	17	0	0	0	7	0	4										**Bombay Deccan** Jalgaon
− 0·6	1·1	0	− 0·07	0		0	− 0·2	4·1	− 0·3	1	1	2	0	2	2	9	4	7	5	7	2	1	0	2	5	4	2	Malegaon
+ 0·7	2·7	0	− 0·17	0		0	− 0·3	5·2	+ 0·2	2	0	1	2	3	1	1	14	4	4	4	3	2	1	3	3	6	2	Ahmadnagar
0	1·9	0·17	+ 0·11	0·17	25	1	+ 0·9	2·6		0	2	1	0	6	2	2	0	15	1	2	1	1	0	1	5	6	11	Poona
	1·5	0·98		0·98	25	1		1·6		2	1	0	1	2	0	1	1	20	2	2	1	1	1	2	10	2	7	Satara
− 0·5	1·7	0	− 0·06	0		0	− 0·1	7·5	+ 1·7	2	5	4	7	1	5	2	2	0	2	6	1	0	1	10	4	4	0	Sholapur
	1·5	0		0		0		6·0		3	2	4	3	1	1	2	8	4	5	2	4	0	0	3	9	4	1	Miraj
		0		0		0				3	3	2	4	0	1	4	3	7										Inchalkaranji
+ 0·9	4·1	0	− 0·06	0		0	− 0·2	4·1	+ 0·5	9	6	3	1	3	2	1	3	0	1	2	5	1	0	3	8	5	0	Bijapur
− 0·8	1·0	0	− 0·05	0		0	− 0·1	4·1	− 2·1	10	5	4	4	0	0	3	0	2	0	3	1	0	1	7	15	0	1	Belgaum
	2·0	0·03		0·03	7	0		4·9		1	5	4	1	1	3	3	10	0	4	4	2	1	0	4	6	6	1	Gadag
																												Hyderabad, North
− 0·8		0	− 0·17	0		0	− 0·4	6·7	+ 1·6	2	7	3	0	0	1	3	0	6										Aurangabad
+ 0·9		2·57	+ 2·06	1·35	23	4	+ 3·1	3·6	+ 0·7	1	4	6	2	2	1	0	0	12										Nizamabad
																												Hyderabad, South
0		1·17	+ 0·93	0·82	8	2	+ 1·5	8·2	+ 3·1	3	7	6	3	4	1	2	0	2										Gulbarga
− 0·1		0·27	+ 0·04	0·27	7	1	+ 0·6	7·4	+ 2·2	3	3	4	5	4	2	1	6	0										Raichur
+ 1·8		0·90	+ 0·60	0·44	5	2	+ 1·3	3·1	+ 0·4	1	3	5	8	4	0	0	1	6										Hyderabad
+ 1·3		1·95	+ 1·60	1·10	9	3	+ 2·3	6·3	+ 1·5	4	1	2	8	10	1	0	1	1										Hanamkonda
																												Mysore
+ 0·8	3·0	0	− 0·09	0		0	− 0·2	4·3	+ 0·4	0	0	4	4	0	4	9	2	5	3	6	7	0	1	1	4	4	2	Chitaldrug
		0		0		0		3·3		0	1	0	13	0	1	0	0	13										Balehonnur
− 0·7		0·03	− 0·14	0·03	5	0	− 0·4	3·5	+ 0·9	0	0	9	7	0	7	1	1	3										Hassan
+ 1·8	3·7	0·09	− 0·06	0·09	23	0	− 0·3	6·4	+ 2·0	0	0	6	14	6	0	1	1	0	0	2	11	10	1	2	1	0	1	Bangalore
+ 0·5	4·1	0·04	− 0·18	0·04	24	0	− 0·4	5·4	+ 0·1	2	5	3	1	6	1	0	1	9	1	10	7	0	1	1	2	0	6	Mysore

e—Mean of 26 days.

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Relative humidity %		
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Malabar																						
Mangalore ...	72	29·831	−·024	29·722	87·4	− 1·2	94	26	73·4	+ 1·1	70	18	78·4	84·3	72·3	75·5	·703	+·006	·745	73	+ 1	68
Calicut ...	27	29·877	−·017	29·762	90·6	+ 2·5	92	10,16,20	75·3	+ 2·4	71	17	78·4	87·2	73·3	78·9	·743	−·005	·874	77	− 3	68
Cochin ...	10	29·893	−·016	29·774	86·4	− 3·7	89	27, 28	76·3	+ 2·2	72	5	80·3	84·6	74·8	77·1	·792	+·065	·824	77	+ 2	70
Trivandrum ...	200	29·678	−·027	29·570	87·1	+ 1·5	89	5 days	75·9	+ 2·2	72	14	79·6	84·4	75·3	77·4	·806	+·092	·831	81	+ 4	72
Madras, Southeast																						
Pamban ...	37	29·861	−·034	29·762	84·3	− 0·6	87	23	76·0	+ 1·3	73	17	79·5	81·3	75·5	76·6	·812	+·012	·865	83	+ 3	81
Madura ...	463	29·441	−·037	29·319	90·6	− 1·2	95	16, 17	74·4	+ 4·2	70	21	78·2	87·5	72·5	72·8	·736	+·034	·615	75	− 1	48
Negapatam ...	31	29·880	−·028	29·798	84·0	− 1·1	86	19, 23	76·1	+ 3·4	72	15,16,27	79·0	81·5	74·2	75·2	·770	+·014	·779	79	+ 1	74
Trichinopoly ...	255	29·658	−·037	29·539	90·6	− 1·8	94	16	72·9	+ 4·0	68	21	77·9	87·4	72·6	73·7	·736	+·038	·656	76	− 1	51
Coimbatore ...	1,341	28·566	−·032	28·428	91·4	− 0·1	95	13, 18	70·7	+ 4·7	65	26	75·6	89·2	70·0	70·0	·658	+·010	·476	74	− 6	30
Salem ...	913	28·984	−·040	28·851	92·4	− 1·0	97	18	71·0	+ 4·5	68	6 days	74·1	89·1	69·6	71·8	·672	+·011	·548	79	+ 3	42
Cuddalore ...	39	29·880	−·031	29·792	84·2	− 1·4	87	23	73·0	+ 3·2	69	21	77·3	81·2	74·1	75·1	·797	+·040	·785	85	− 1	75
Vellore ...	703	29·202	−·048	29·110	88·0	− 1·3	93	17	68·9	+ 2·7	62	26,27,28	72·0	84·6	69·5	71·8	·674	+·030	·608	88	+ 5	52
Madras ...	22	29·900	−·033	29·819	85·6	− 1·5	88	12,13,23	72·3	+ 4·3	67	28	77·7	81·8	73·4	74·2	·752	+·010	·736	81	− 2	69
Madras, Deccan																						
Cuddapah ...	428	29·492	−·015	29·358	93·0	− 1·7	97	13,14,17	72·8	+ 3·5	66	28	80·6	90·4	72·1	73·2	·669	+·048	·581	65	− 2	41
Bellary ...	1,473	28·416	−·035	28·284	93·4	− 0·7	97	12, 22	70·2	+ 4·1	65	25	76·0	91·5	65·7	68·6	·497	+·045	·398	56	+ 2	27
Kurnool ...	923	28·977	−·026	28·838	93·4	− 0·4	98	14, 18	70·3	+ 5·0	63	25,27,28	75·9	91·6	67·2	68·8	·546	+·055	·398	61	0	27
Rentichintala ...	349	29·577		29·445	92·7		96	12, 13	70·6		64	24	77·1	90·8	70·6	70·7	·670		·488	72		34
Madras Coast, North																						
Nellore ...	66	29·864	−·018	29·771	89·4	− 0·3	95	17	73·0	+ 3·5	68	25,27,28	79·0	83·7	73·7	74·5	·764	+·027	·745	77	− 8	64
Masulipatam ...	10	29·920	−·036	29·832	85·5	− 1·1	93	13	72·6	+ 4·0	67	23	77·9	81·6	73·3	73·7	·750	+·005	·730	79	− 6	67
Cocanada ...	26	29·921	−·022	29·824	84·6	− 1·1	91	16	71·9	+ 2·1	68	13, 28	77·5	81·4	72·5	73·9	·743	+·068	·737	78	0	69
Vizagapatam ...	126	29·807	−·028	29·725	82·9	− 0·9	85	13, 15	71·6	+ 0·5	67	28	75·3	80·3	71·0	73·3	·697	+·047	·716	80	+ 7	71
Calingapatam ...	19	29·922	−·020	29·833	84·5	− 2·4	88	17	69·7	+ 2·2	65	9, 13	78·5	79·6	70·0	72·6	·685	+·039	·716	84	+ 2	70
Hill Stations, excluding Kashmir and Baluchistan																						
Maymyo ...	3,546	26·428	−·006	26·358	75·0	+ 0·6	79	2, 8, 25	46·6	+ 3·3	39	20, 21	54·7	66·9	51·7	57·3	·353	+·006	·355	82	− 3	55
Haka ...	6,100	24·073		24·041	64·4		72	8	44·8		38	21, 22	48·9	59·6	41·6	48·9	·194		·233	56		47
Kanpetlet ...	6,322	23·904		23·874	67·4		72	8	47·7		39	13	57·4	56·1	46·9	50·0	·219		·297	46		67
Shillong ...	4,921	25·117	−·003	25·073	62·2	− 0·3	70	28	40·2	− 2·0	30	19	48·8	54·3	43·4	48·9	·214	−·035	·284	64	− 3	67
Cherrapunji ...	4,309	25·700	+·010	25·655	62·8	+ 0·8	72	28	47·2	− 0·5	33	19	55·3	57·5	47·5	50·1	·280	−·056	·344	55	−14	60
Aijal ...	3,599	26·352		26·305	71·2		80	28	54·2		45	19	59·2	61·7	51·2	54·0	·282		·330	58		61
Darjiling ...	7,432	22·880	−·019		47·8	0	59	28					41·3		38·5		·206	−·004		78	− 3	
Kalimpong ...	3,913	26·059	−·007	25·988	61·1	+ 0·4	71	28	47·6	+ 0·2	43	21	51·4	55·5	47·2	49·1	·276	−·023	·272	73	− 6	64
Katmandu ...	4,388	25·678		25·577	67·5	− 1·8	74	27, 28	38·5	− 0·1	32	12	42·3	61·4	40·7	53·0	·239		·304	88		56
Muktesar ...	7,592	22·766	−·022	22·740	47·6	− 3·1	60	26	33·6	− 1·8	28	1, 3, 4	39·3	42·1	34·9	38·5	·156	+·015	·201	67	+ 9	75
Mussooree ...	6,940	23·307	−·011	23·300	49·6	− 0·5	60	27, 28	35·4	− 2·3	29	5 days	40·9	43·5	37·0	40·4	·178	+·015	·216	72	+ 9	79
Simla ...	7,224	23·032	−·017	23·016	46·4	− 2·0	60	26, 28	34·7	− 0·9	27	18	40·5	41·8	34·1	36·9	·128	0	·168	55	+ 6	68
Murree ...	7,082	23·136	+·001	23·132	44·3	+ 0·2	59	26	28·9	− 1·5	18	17	33·8	39·6	30·1	35·2	·124	−·019	·156	64	+ 2	69
Cherat ...	4,272	25·710	−·012		49·4	− 2·8	67	27	37·3	− 3·1	27	15, 16	41·0		35·6		·149	−·002		61	+ 7	
Parachinar ...	5,673	24·416	−·002	24·392	49·1	− 2·4	66	27	29·7	− 1·2	13	16	35·6	46·2	31·3	38·5	·131	−·028	·160	65	− 7	52
Drosh ...	4,723	25·353			47·2	− 2·5	62	26, 27	32·5	− 0·8	25	17, 18	35·3		31·3		·132	−·025		66	− 5	
Mount Abu ...	3,945	26·064	+·006	26·008	66·6	− 1·2	77	27	49·8	− 3·4	40	8	59·9	63·8	45·4	47·6	·133	−·057	·151	27	−12	24
Pachmarhi ...	3,528	26·484	+·013	26·413	73·3	− 1·9	83	14	46·9	− 4·1	38	9	64·9	71·5	49·7	54·5	·211	−·072	·236	38	−15	29
Mahableshwar ...	4,534	25·514		25·461	77·6		84	13, 22	57·7		49	16	63·5	72·2	50·4	56·5	·211		·286	39		36
Mercara ...	3,781	26·198	−·020	26·116	78·9	− 2·0	83	1	60·3	+ 1·5	55	16	66·3	77·4	61·4	67·3	·478	+·019	·544	76	+ 3	61
Ootacamund ...	7,364	23·071	−·003		69·8	+ 2·4	74	13	45·4	+ 1·4	38	27, 28	53·0		49·4		·310	+·072		79	+24	
Coonoor ...	5,730	24·469		24·408	69·3		74	18, 19	52·6		46	20,26,27	60·0	66·2	55·2	58·9	·380		·420	75		67
Kodaikanal ...	7,688	22·813	+·009	22·765	64·6	+ 0·5	70	18	49·5	+ 2·0	46	22,26,28	54·5	57·9	48·3	53·3	·275	+·060	·359	67	+14	76
Ceylon																						
Colombo ...	24	29·859	−·024	29·749	86·0	− 2·5	90	22	73·7	+ 1·3	60	17	76·3	83·8	74·1	76·9	·808	+·040	·832	89	+ 6	72
Trincomalee ...	24	29·870	−·024	29·788	83·0	− 2·9	85	22	75·6	+ 0·9	72	17	78·5	81·2	74·2	74·7	·780	−·013	·779	81	− 3	74
Hambantota ...	61	29·793	−·044	29·702	85·2	− 0·9	89	22	73·6	+ 1·6	69	24	76·9	82·1	74·0	77·0	·798	+·085	·857	87	− 2	79
Nuwara Eliya ...	6,170	24·073		24·014	69·8		75	14, 18	48·6		36	14	54·7	65·6	53·5	59·3	·389		·433	93		72
Arabia																						
*Aden ...	98	29·924	+·051		82·3	+ 1·2	84	4 days	73·1	− 0·2	69	18	75·0		70·2		·665	−·003		79	+ 2	

* Records observations at 7 hrs. (L. M. T.). e – Mean of 26 days.

oud amount nths of sky).		Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																	STATION.
										8 hrs. L. M. T.									17 hrs. I. S. T.									
Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																												Malabar
+0·6	2·0	0	− 0·06	0		0	− 0·1	5·9	+ 2·9	2	8	14	0	0	0	0	2	2	1	0	0	0	0	2	5	20	0	Mangalore
+3·3	4·1	0	− 0·16	0		0	− 0·3	8·5	+ 2·2	3	9	14	0	0	0	0	2	0	0	0	0	0	0	2	11	15	0	Calicut
+1·6	3·6	1·15	+ 0·36	0·53	4	3	+ 1·7	7·0	+ 2·3	2	15	8	1	0	0	0	0	2	0	0	0	0	0	3	12	13	0	Cochin
+1·0	5·4	4·90	+ 4·29	1·05	9	9	+ 7·9	2·1	− 1·2	2	1	1	0	0	0	0	0	24	1	0	0	0	2	9	9	4	3	Trivandrum
																												Madras, Southeast
+2·2	4·2	3·57	+ 2·84	1·16	7	9	+ 7·8	11·4	+ 5·2	5	14	9	0	0	0	0	0	0	7	14	3	1	0	0	0	3	0	Pamban
+1·9	4·6	0·34	− 0·02	0·31	6	1	+ 0·4	5·6	+ 1·9	7	8	6	2	0	0	2	3	0	0	7	15	5	1	0	0	0	0	Madura
+1·6	5·4	10·07	+ 9·44	4·92	7	6	+ 5·2	9·9	+ 4·1	0	11	7	3	0	0	0	5	2	0	13	14	0	0	0	0	1	0	Negapatam
+3·1	5·0	0·33	− 0·18	0·33	6	1	+ 0·3	4·0	+ 1·3	10	12	2	1	1	0	0	2	0	0	8	16	4	0	0	0	0	0	Trichinopoly
+1·7	4·1	0·31	+ 0·02	0·18	2	1	+ 0·4	4·2	+ 1·8	6	12	3	3	2	1	0	0	1	1	5	9	6	4	2	0	0	1	Coimbatore
+1·5	4·5	0·36	+ 0·09	0·36	7	1	+ 0·4	6·9	+ 3·0	5	11	7	2	0	0	0	0	3	2	5	12	7	2	0	0	0	0	Salem
+2·2	3·9	2·61	+ 1·72	1·43	7	5	+ 3·8	5·1	+ 2·0	3	2	3	0	0	5	4	9	2	0	13	5	10	0	0	0	0	0	Cuddalore
+1·6	2·1	0·42	+ 0·13	0·26	7	1	+ 0·5	4·6	+ 2·3	6	4	2	1	5	5	0	3	2	1	1	6	10	7	3	0	0	0	Vellore
+3·0	3·4	0·51	+ 0·22	0·39	4	2	+ 1·4	9·4	**+ 0·8**	2	2	6	4	2	5	4	3	0	1	5	9	10	3	0	0	0	0	Madras
																												Madras, Deccan
+2·7	4·0	0	− 0·14	0		0	− 0·2	8·8		0	1	1	20	2	0	1	1	2	1	2	3	21	0	0	0	0	1	Cuddapah
+0·8	4·0	0·29	+ 0·13	0·29	9	1	+ 0·7	3·9	+ 1·1	2	0	3	7	4	1	1	2	8	2	1	7	7	1	3	4	2	1	Bellary
+0·7	3·4	0·29	+ 0·13	0·29	9	1	+ 0·7	4·9	+ 1·4	0	2	7	6	2	1	0	2	8	1	2	10	5	4	0	1	0	5	Kurnool
	4·9	0·45		0·29	24	2		5·3		0	2	8	8	5	2	1	2	0	2	0	14	7	2	1	0	1	1	Rentichintala
																												Madras Coast, North
+0·8	2·7	0	− 0·12	0		0	− 0·4	4·7	+ 1·4	0	0	5	8	4	1	2	4	4	0	0	24	4	0	0	0	0	0	Nellore
+1·3	2·3	0·03	− 0·39	0·03	9	0	− 0·5	6·0	+ 2·4	6	3	4	5	2	2	0	2	4	1	0	2	11	14	0	0	0	0	Masulipatam
+1·8	2·7	0·38	+ 0·06	0·32	22	1	+ 0·5	6·1	+ 1·3	2	8	2	1	0	0	0	8	7	0	1	0	25	1	0	0	1	0	Cocanada
+0·8	3·6	2·07	+ 1·22	1·64	19	3	+ 2·1	3·8	+ 1·1	2	3	1	0	0	0	4	4	14	0	1	11	7	4	5	0	0	0	Vizagapatam
+2·3	3·7	1·29	+ 0·78	0·65	5	2	+ 0·9	5·9	+ 0·9	10	2	3	0	1	0	1	11	0	0	0	1	12	12	3	0	0	0	Calingapatam
																												Hill Stations, excluding Kashmir and Baluchistan
+1·8	2·1	0·13	− 0·04	0·06	9, 26	0	− 0·6	2·0	+ 0·3	0	2	0	0	2	1	1	0	22	0	0	0	0	0	2	4	1	21	Maymyo
	2·7	0·67		0·63	9	1		5·7		3	13	6	0	0	0	0	0	6	0	5	9	1	1	0	1	2	9	Haka
	2·9	0·24		0·24	9	1		4·7		1	5	4	2	4	5	2	1	4	2	0	2	0	1	6	7	3	7	Kanpetlet
+1·5	8·7	0·16	− 1·04	0·10	4	1	− 1·7	3·0	+ 0·9	1	1	3	1	1	4	3	0	14	2	2	0	0	1	5	0	1	17	Shillong
−0·7	4·5	0·30	− 2·42	0·16	17	2	− 1·6	5·9 *d*	+ 1·4	0	7	3	1	2	12	0	0	3	2	2	0	3	4	14	3	0	0	Cherrapunji
	1·6	0·34		0·20	9	1		5·3		0	2	9	1	3	7	2	2	2	1	0	1	1	2	11	8	4	0	Aijal
−0·4		0·90	− 0·25	0·36	25	3	+ 0·4	5·2	+ 1·0	0	5	10	1	2	3	3	0	4										Darjiling
+0·5	5·5	0·37	− 1·13	0·20	15	2	− 1·0	8·3		3	0	0	1	0	0	0	22	2	0	0	1	21	4	0	0	2	0	Kalimpong
	3·9	2·50	+ 1·56	0·92	1, 25	5	+ 3·1	1·4		1	1	3	1	0	1	1	0	20	3	0	1	0	3	1	11	2	7	Katmandu
+0·1	6·5	2·71	+ 0·32	0·65	1	10	+ 5·4	7·2	+ 1·8	1	7	3	4	1	0	8	3	1	1	1	5	3	1	2	14	0	1	Muktesar
+0·4	4·5	2·82		1·12	1	6		4·8		6	2	2	3	2	1	0	1	11	1	2	1	3	6	1	0	1	12	Mussooree
+0·7	6·2	3·00	− 0·13	1·09	1	8	+ 2·2	3·6	− 0·5	3	7	1	5	8	2	0	0	2	3	3	2	5	6	3	1	2	3	Simla
+0·1	6·6	7·79	+ 3·65	3·37	6	5	− 0·9	6·3		1	4	9	7	0	0	0	5	2	0	2	5	9	3	1	0	3	5	Murree
+0·4		1·92	− 1·06	0·95	6	5	+ 0·7	11·0	+ 1·6	12	0	0	1	0	0	1	10	4										Cherat
+1·2	5·3	2·96	+ 0·73	0·94	12	7	+ 2·1	3·6	+ 1·4	13	1	0	0	0	0	4	1	9	3	3	3	4	3	2	5	1	4	Parachinar
−0·7		0·62	− 0·51	0·31	14	2	− 1·1	5·8	+ 3·5	0	1	3	3	1	2	2	0	16										Drosh
−1·6	0·5	0	− 0·28	0		0	− 0·6	4·2	− 0·5	4	7	1	1	1	4	1	1	8	5	3	0	1	1	2	2	6	8	Mount Abu
−0·4	1·1	0	− 0·66	0		0	− 1·5	3·2	− 0·1	3	4	4	5	3	0	3	5	1	6	3	2	3	3	0	4	7	0	Pachmarhi
	1·3	1·14	+ 1·06	1·14	25	1	+ 0·9	6·2		1	6	11	2	0	5	2	0	1	0	3	0	1	0	5	14	3	2	Mahableshwar
−1·2	3·9	1·34	+ 1·15	1·21	10	2	+ 1·5	5·3	+ 2·4	0	1	2	0	0	0	0	0	25	0	0	1	0	0	0	3	3	21	Mercara
+1·1		0·06	− 0·52	0·04	11	0	− 0·9	2·9	+ 0·1	5	6	3	1	1	0	0	0	12										Ootacamund
	4·6	7·56		2·56	3	7		3·5		0	3	5	6	4	1	0	1	8	0	1	4	16	6	0	0	0	1	Coonoor
+0·8	6·0	2·88	+ 1·47	0·96	10	7	+ 5·0	7·0	− 1·4	2	13	3	6	1	0	0	0	3	6	7	2	5	1	0	0	3	4	Kodaikanal
																												Ceylon
+1·1	5·6	5·60	+ 3·49	3·05	9	6	+ 2·6			3	4	9	1	0	0	0	0	11	0	1	0	0	1	2	14	10	0	Colombo
+2·1	5·7	14·87	+12·98	3·36	10	15	+12·6			1	14	11	0	0	0	0	0	2	0	16	12	0	0	0	0	0	0	Trincomalee
+0·2	4·6	10·79	+ 9·74	4·03	4	7	+ 4·7			10	15	0	0	0	0	0	2	1	0	2	17	4	2	2	0	0	1	Hambantota
	7·2	6·71	+ 4·70	1·68	2	10																						Nuwara Eliya
																												Arabia
−0·7		0	− 0·18	0		0	− 0·4	10·2	− 0·5	11	7	0	4	1	0	2	0	3										Aden

d—Mean of 97 days.

TABLE III—ABSTRACT OF OBSERVATIONS RECORDED A

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Relative humidity %		
		Mean 4 hrs. G. M. T.	Departure from normal.	Mean 12 hrs. G. M. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 4 hrs. G. M. T.	Mean 12 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Mean 12 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Departure from normal.	Mean 12 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Departure from normal.	Mean 12 hrs. G. M. T.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Iran																						
Charbar ...	25																					
Jask ...	13	29·998		29·932	74·7	− 0·3	80	28	62·7	+ 1·1	55	14	65·9	73·5	61·1	66·8	·469		·573	75		69
Bunder Abbas ...	29	29·990		29·916	74·6		81	27					63·2	72·5	56·7	63·5	·378		·455	67		58
Bushire ...	14	30·014		29·972	67·5	+ 2·2	78	24, 25	53·1	+ 0·4	43	13,14	57·5	64·8	55·3	61·0	·406		·482	86		80
Ispahan ...	5,817	24·27*		24·22*	52·9	− 0·4	67	24	29·9	+ 1·3	17	13	34·6	51·6	30·7	40·2	·136		·128	67		33
Meshed ...	3,104	26·58*		26·53*	56·2	+ 8·1	75	26	31·0	+ 3·4	20	14	37·7	52·5	34·9	43·3	·169		·174	78		48
Seistan ...		28·390		28·343	66·2	+ 3·0	89	28	40·5	+ 2·4	26	15	47·6	60·6	42·5	51·6	·215		·276	65		52
Arabia																						
Bahrein ...	8	30·022		29·967	70·4	+ 3·7	86	11	60·0	+ 2·8	50	15	62·8	68·4	60·7	63·7	·509		·535	88		76
Muscat ...	15	30·003		29·920	74·2	− 0·8	88	28	65·7	− 1·3	59	7	68·2	72·3	65.3	69.8	.576		.698	85		86
Sharjah ...	18	30·008		29·940	76·5		91	26	56·3		45	14	59·6	73·9	55·3	63·4	·372		·434	75		53
Addenda for Jan.																						
Charbar ...	25	30·032		29·967	74·7		79	7	60·8		55	1, 14	64·5	72·8	60·2	66·2	·457		·551	76		70

*Aneroid. *e*—Mean of 26 days.

TABLE IV—ABSTRACT OF OBSERVATIONS RECORDED AT 8 HRS. (L. M. T.) AT 4TH CLASS STATIONS—FEBRUARY 1938

STATION.	Maximum temperature °F.				Minimum temperature °F.				Mean dry bulb temperature 8 hrs. L. M. T. °F.	Mean wet bulb temperature 8 hrs. L. M. T. °F.	Vapour pressure, inches.		Relative Humidity %		Mean cloud amount 8 hrs. L. M. T.	Rainfall, inches.				Number of rainy days (0·10" or more).		Wind.	
	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.			Mean 8 hrs. L. M. T.	Departure from normal.	Mean 8 hrs. L. M. T.	Departure from normal.		Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Resultant direction 8 hrs. L. M. T.	Velocity in miles per hour.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Assam																							
Lumding ...	77·0	− 0·8	85	27, 28	47·4	− 2·4	38	20	55·7	53·7	·390		88			0·45	−0·80	0·42	4	1	− 1·8		
Bengal																							
Pabna ...	80·7	− 2·1	89	28	54·4	− 1·5	49	6 days	62·8	58·9	·446	− ·017	78	+ 1		0·86	−0·21	0·67	15	2	+ 0·3		
Punjab, East and North																							
*Gurdaspur ...																							
Kashmir																							
Jammu ...	64·0	− 4·5	77	28	48·9	− 2·0	42	17, 18	51·6	47·1	·263	− ·023	69	+ 3	5·3	4·14	+1·81	1·60	6	6	+ 2·6	N 22 E	
Kargil ...	23·1	− 6·8	34	9	2·4	− 1·6	−13	19	8·0	7·7	·061		96		6·9	3·93	+2·77	1·80	14	7	+ 4·4	N 25 E	
N.W. F. Province																							
Bannu ...	65·7		81	28	43·7		34	16	49·2	45·0	·246		70		4·1	1·12		0·46	6	4		N 66 W	
Wana ...	56·4		73	26, 27	31·9		21	15, 16	38·1	35·6	·183		79		5·3	0·84		0·21	4	3		S 60 W	
Hyderabad, North																							
Bidar ...	85·7	− 2·7	90	14,22,23	65·8	+ 1·5	59	16	71·4	60·2	·370	− ·087	49	− 6	2·1	0·04	−0·29	0·04	6	0	− 0·7	N 78 E	6·4
Mysore																							
Nandi ...	77·8		83	19	53·5		55	24	64·1	59·5	·447		78		4·6	0		0		0			
Tibet																							
Yatung (Chumbi) ...	46·4	+ 2·9	57	28	18·5	− 3·6	8	2, 3	25·0	23·9	·122	+ ·010	89	+13	1·9	2·49	+0·69	0·85	2	7	+ 3·6		
Iran																							
Zahidan ...	61·3		81	28	38·0		21	15	47·1	43·3	·231		78		1·3	0		0		0		S 69 W	12·1

* Data not complete, hence not published.

oud amount nths of sky).		Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																	
										4 hrs. G. M. T.									12 hrs. G. M. T.								STATION.
Departure from normal.	Mean 12 hrs. G. M. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																												Iran
																												Charbar
	2·7	0·05	− 0·83	0·05	20	0	− 2·0	10·2	+ 1·7	3	10	8	0	0	0	3	3	1	0	1	3	3	4	10	6	1	0	Jask
	3·2	0·92		0·69	20	2		6·5		9	8	2	0	1	0	2	6	0	0	0	1	11	12	3	0	0	1	Bunder Abbas
	4·6	1·54	− 0·40	1·00	21	4	+ 0·3	9·8	+ 4·0	6	7	4	2	1	2	0	3	3	0	3	1	2	3	1	4	14	0	Bushire
	3·5	0·29	− 0·16	0·13	14	1	− 0·4	3·8	+ 1·2	0	1	0	0	0	1	0	0	26	2	3	2	0	2	5	5	2	7	Ispahan
	3·9	1·06	+ 0·06	0·50	4	3	+ 0·6	2·3	+ 0·7	0	0	0	0	0	0	1	2	25	1	1	0	1	1	0	0	3	21	Meshed
	4·1	0·10	− 0·31	0·10	22	1	− 0·4	3·8	− 1·4	0	0	0	0	0	0	0	6	22	0	0	0	0	0	0	0	7	21	Seistan
																												Arabia
	4·0	1·08	+ 0·40	0·32	24, 25	4	+ 2·4	8·9		4	2	1	7	2	0	2	10	0	7	0	4	7	0	0	1	9	0	Bahrein
	1·1	0	− 0·84	0		0	− 1·7	5·5	+ 1·9	3	0	1	0	0	0	5	1	18	1	7	2	0	1	0	0	8	9	Muscat
	2·6	0·19		0·12	23	1		8·3		0	0	1	14	7	1	2	1	2	8	1	2	0	1	1	9	6	0	Sharjah
																												Addenda for Jan.
	3·9[d]	3·87		2·27	17	2		5·4[h]		3	10	9	1	0	0	0	3	3	1	2	2	3	7	5	3	4	0	Charbar

b—Mean of 29 days. *d*—Mean of 27 days. *h*—Mean of 23 days.

TABLE V—ABSTRACT OF OBSERVATIONS RECORDED AT 8 HRS. (L. M. T.) AT 5TH CLASS STATIONS—FEBRUARY 1938

DIVISION.	STATION.	Rainfall, inches.				Number of rainy days (0·10" or more).		DIVISION.	STATION.	Rainfall, inches.				Number of rainy days (0·10" or more).	
		Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.			Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.
1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8
gal ...	Bankura ...	1·67	+0·63	1·32	16	3	+1·1	Baluchistan ...	Harnai ...	0·58	−0·48	0·26	5	3	+1·3
	Rampur Boalia ...	0·60	+0·02	0·50	15	2	+0·5								
	Sirajganj ...	1·10	+0·33	1·10	15	1	−0·6	Rajputana, East...	Udaipur ...	0	−0·14	0		0	−0·4
	Rangpur ...	0·64	−0·05	0·64	15	1	−0·3	Bombay Deccan ...	Khandala ...	0		0		0	
	Cooch Behar ...	0·30	−0·57	0·17	4	2	+0·2								
								Hyderabad, North.	Parbhani ...	0·10	−0·20	0·10	6	1	+0·4
ar ...	Muzaffarpur ...	0·89	+0·35	0·40	4	3	+1·4								
	Chapra ...	0·53	−0·10	0·20	8	3	+1·4	Madras Southeast.	Palamcottah ...	6·55	+5·75	2·19	10	8	+6·6
	Arrah ...	0·27	−0·47	0·15	15	1	−0·5	Madras Deccan ...	Anantapur ...	0	−0·34	0		0	−0·3
	Dehri ...	0	−0·78	0		0	−1·8								
								Sikkim ...	Gnatong ...	3·13	−2·07	0·64	14	8	+0·1
ited Provinces est.	Meerut ...	0·39	−0·49	0·39	1	1	−0·7		Lachung ...	2·41	−0·44	0·77	11	6	−1·6
								Addenda for Jan.	Bankura ...	1·20	+0·69	0·70	10	2	+0·8
ijab, East and orth.	Dharampore ...	5·39		1·66	1	8			Rangpur ...	0	−0·34	0		0	−0·9
	*Kyelang ...														
	Dalhousie ...	12·04	+6·17	2·40	8	8	−0·7								
hmir ...	Sonamarg ...	9·63	+0·40	2·15	14	10	+0·1								
	Gurez ...	12·74		3·75	14	9									

* Temporarily closed.

Y. P. P.—S 738—385—11-5-38.

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MONTHLY FREQUENCY TABLES

of

Horizontal Visibility, Height of Base of Low Cloud and Surface and Upper Winds at Pilot Balloon Stations

February 1938

Supplement to the Monthly Weather Report, February 1938

Published by authority of the Government of India

Tables of Wind Frequency:—Data for table 1 are obtained from pilot balloon ascents at dawn, except for stations marked (a_1) and (a_2), where ascents are made at 0900 hrs. (I. S. T.) and 0900 hrs. (L. T.) respectively. Table 4 is based on ascents generally at 1400 hrs. (I. S. T.); at stations marked (b_1), (b_2) and (c), ascents are made at 1500 hrs. (I. S. T.), 1500 hrs. (L. T.) and 1600 hrs. (I. S. T.) respectively. Table 7 gives data from p. b. ascents at 0330 hrs. (I. S. T.) for stations marked (d_1), and at 0330 hrs. (L. T.) for those marked (d_2). Indian Standard Time = Greenwich Mean Time + 5 hours 30 minutes. Occasionally, due to weather conditions, results of an ascent made 2 to 4 hours after the routine hours are used.

The symbols used in the tables of wind frequency have the following meaning:—ϕ = Latitude of the station; λ = Longitude of the station; H_s = Height of the anemometer head (i.e. to which the values of the surface wind relate) above mean sea level; C = the number of observations when the speed of wind is 5 km./hr. or less and n = number of observations.

Tables of Frequency of Heights of base of Low cloud:—Tables 2, 5, 8 and 11 are based on observations made at the routine hours of pilot balloon flights or within half an hour of the same. Heights which are either measured or estimated are given.

In the first row of these tables, for amounts of low cloud 1-10, the number under code figure 9 gives occasions when there was no low cloud, and in the second row, for amount of low cloud = 9 or 10, the number under this code figure gives all occasions when the total amount of cloud (whether low, medium or high) was 9 or 10.

Tables of Frequency of Horizontal Visibility:—Data for table 3 are obtained from observations during 0700-0900 hrs. (Local time), for table 6 from observations during 1400-1600 hrs. (Local time), and for table 9 from observations at about 0330 hrs. I.S.T. or Local time.

The Code figures used in the tables Nos. 2, 3, 5, 6, 8, 9 and 11 have the following meaning:—

Code figure ...	0	1	2	3	4	5	6	7	8	9
Cloud height ...	Less than 50 m.	50 to 99 m.	100 to 199 m.	200 to 299 m.	300 to 599 m.	600 to 999 m.	1000 to 1499 m.	1500 to 1999 m.	2000 to 2500 m.	No Low cloud / Total amount of cloud = 9 or 10
Visibility ...	Less than 50 m.	50 to 200 m.	200 to 500 m.	500 to 1000 m.	1000 to 2000 m.	2000 to 4000 m.	4000 to 10000 m.	10000 to 20000 m.	20000 to 50000 m.	Greater than 50000 m.

POONA:
The 21st September 1938.

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

[Price 6 annas.]

U18

STATION.	Speed limits (km./hr.).	Surface.										0·5 km. above Surface.										1·0 km. a. s. l.										2·0 km. a. s. l.							
		n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W
Agra ...	6–25	28	2	3		1		1	7	3	11	28	3	2	2				2	4	2	28	2	2	2			1	1	7	1	28	2			1			5
ϕ = 27° 08′ N ...	26–50												1			1		1	2	5						1		1	2	6						1	2	
λ = 78° 01′ E ...	51–75																			3										2								
H_s = 181 metres ...	>75																																						
Ahmedabad ...	6–25	28		6	1			1			20	28	2	3	4	2		2		1		28	6	9	3		1	1	1	2		26	2	1	2		1		3
ϕ = 23° 02′ N ...	26–50												2	3	4					1				2	1				1				1					2
λ = 72° 35′ E ...	51–75													1	2				1										1									1
H_s = 55 metres ...	>75																																						
Allahabad (a_1) ...	6–25	28			4			1	6	2	14	27		2			3	1	2	2	5	26	4			1	1	1	3		2	24	1				1	1	2
ϕ = 25° 26′ N ...	26–50								1							1	2			1								1	1	10							1	5
λ = 81° 50′ E ...	51–75																		1	1									2									1
H_s = 111 metres ...	>75																																						
Bahrein(a_2) ...	6–25	26	1	2	1	5	4			12	1	27	2		1	1	2	2	1	2		27	2	1	1	1	3	2		2		21	1				1		3
ϕ = 26° 14′ N ...	26–50		1							1			4				3	3		4			1			3	1	2	3			1				2	1	1
λ = 50° 35′ E ...	51–75																1		1				3				1										2	
H_s = 14 metres ...	>75																											1										1	
Bangalore ...	6–25	28			8	9	4	1	1		4	27				7	4	6	1			28			6	9	7	2	2		25	5	4	7		2	3	
ϕ = 12° 58′ N ...	26–50					1								3	4			2							2								1	1				
λ = 77° 36′ E ...	51–75																																						
H_s = 936 metres ...	>75																																						
Bhuj ...	6–25	27		1	1			1		1	23	27	5	4	1	1	1		1		1	27	5	7		1	1	1	1	1	1	27	5	2			2		2
ϕ = 23° 15′ N ...	26–50													8	2				1	2				5	2			1	1								2	2
λ = 69° 48′ E ...	51–75																																					1	
H_s = 113 metres ...	>75																																						
Bombay (Juhu) (a_1) ...	6–25	28	2	5	1	4		1		4	11	28	1	5	5	5	1		1	2	1	28	2	3	3	7	2	1	2	4		28	1	2	4	1	1	7	2
ϕ = 19° 17′ N ...	26–50												3	2	1	1							2			1		1									4	2
λ = 72° 50′ E ...	51–75																																						
H_s = 5 metres ...	>75																																						
Calcutta (a_1) ...	6–25	28	2	3	1	1		3		8	10	28	7	4	1	1		1	1	3	2	27	4	2	1		1	1	5	6	1	27	2		1			4	1
ϕ = 22° 32′ N ...	26–50												1						2	1								1	1	3							1	6
λ = 88° 20′ E ...	51–75												1																	1								3
H_s = 22 metres ...	>75																																						
Chittagong ...	6–25	28	5	2							21	28	8	5			1	3	1	3	4	28	7	2	1	1	3	4		5	4	28				2		4	6
ϕ = 22° 21′ N ...	26–50												3										1															1	4
λ = 91° 50′ E ...	51–75																																						2
H_s = 21 metres ...	>75																																						
Dacca ...	6–25	28				1					27	27	7	6			1	3	1	4	1	27	4	1	2			1	3	5	5	25		2	1				5
ϕ = 23° 43′ N ...	26–50																	1		3								1	2	3							1	7
λ = 90° 24′ E ...	51–75																																						3
H_s = 21 metres ...	>75																																						
Fort Sandeman ...	6–25	28		3	1	1		1	1		21	27		3		1	2	7	6	4	3											27		1		2	6	6
ϕ = 31° 21′ N ...	26–50																		1																		1	1
λ = 69° 27′ E ...	51–75																																						
H_s = 1419 metres ...	>75																																						
Gaya (a_1) ...	6–25	28	1	4	2		1	8	4		7	26	1	1	2	2	2	1	1	2	2	26	2			1	3	1		5	3	26	1		2			1	5
ϕ = 24° 49′ N ...	26–50							1								1	2	1	1	5	2							1	5	3							1	3
λ = 85° 01′ E ...	51–75																			1									1	1								1
H_s = 117 metres ...	>75																																						
Gwador(a_2) ...	6–25	28	3	8	3				3	5	5	28	5		3	4	1	1	6	3	2	27	1	1	1	3	1	3	3	6		25	2			1			4
ϕ = 25° 08′ N ...	26–50									1			2			1							4				1	1	1	1			1					4
λ = 62° 19′ E ...	51–75																																						
H_s = 10 metres ...	>75																																						
Hyderabad (Dn.) ...	6–25	22		2	5	3				1	11	22		2	5	7	3		1			22		2	5	7	2				22		2			1	4	7
ϕ = 17° 26′ N ...	26–50					2		2								2										3							3			2	1
λ = 78° 27′ E ...	51–75																																						
H_s = 555 metres ...	>75																																						
Jacobabad (a_1) ...	6–25																																						
ϕ = 28° 17′ N ...	26–50																																						
λ = 68° 29′ E ...	51–75																																						
H_s = 66 metres ...	>75																																						
Jodhpur (a_1) ...	6–25	28	2	18				1		1	4	28	5	8	5	4			1			28	11	4	3	1	1		1	1		27	7	1			1	2	4
ϕ = 26° 18′ N ...	26–50			1					1						1			1					1	1				1				2					1	
λ = 73° 01′ E ...	51–75																	1	1				1					1	1								1	1
H_s = 232 metres ...	>75																																						
Jubbulpore ...	6–25	28	1				1				26	28	3	3	3	3		1	2		1	82	6	3	3	1	1	1		1		28	8	1			1	1	1
ϕ = 23° 10′ N ...	26–50												4	4	1		1	2		1			3	4			1	1		2							2	12
λ = 79° 57′ E ...	51–75																											1										1	
H_s = 402 metres ...	>75																																						
Karachi (DrighRoad)(a_1)	6–25	28	1	9				1		2	15	28	1	1	3	1		1	2	7		28	3	3	6	1			6	3	2	26	2	3	2		1		4
ϕ = 24° 54′ N ...	26–50												1	3	3				3				1						1				1					1
λ = 67° 11′ E ...	51–75													1						1									2								1	
H_s = 30 metres ...	>75																																						

3·0 km. a. s. l.										Amounts of low cloud.	No. of observations with Code figures.										No. of observations with Code figures.										STATION.
n	N	NE	E	SE	S	SW	W	NW	C		0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
27							1			1 — 10	1								2	25		1			2	10	9	6			Agra
	1					2	10	7																							
						1	2	2		9 or 10	1									3											
								1																							
24						2	8	2		1 — 10										28						2	6	19	1		Ahmedabad
	1					1	4	3																							
								2		9 or 10										1											
						1																									
18										1 — 10				1	2	1				24	1			1	1	3	11	11			Allahabad (a_1)
	2					1	4	3																							
						1	3	3		9 or 10				1		1				2											
								1																							
14								1		1 — 10					1	1	4	5		17						1	17	10			Bahrein (a_2)
						1	1	3																							
						2	3	2		9 or 10										3											
						1																									
21	3	4	1	4	1	2	1	1	1	1 — 10	1		3	2	5	1	1			15					2	1	18	5	2		Bangalore
		3																													
										9 or 10	1		2	2	2					10											
27	1	1					5	2	1	1 — 10										28						1	5	22			Bhuj
	2						5	6																							
						1	2	1		9 or 10																					
26	1	2			1	3	4	5	1	1 — 10							1	1	1	25				1		7	18	2			Bombay (Juhu) (a_1)
						1	4	1																							
						2				9 or 10																					
						1																									
17		1		1			1	1		1 — 10					1	1	3	1	1	21				6	7	11	4				Calcutta (a_1)
					1	3	2	4																							
							2	1		9 or 10										2											
25	1		1	1		1	2			1 — 10						2				26					4	19	5			Chittagong
						4	5																								
							5	2		9 or 10										2											
							2	1																							
21					1	2	3			1 — 10	1			1	1		1		2	22				1	9	13	5				Dacca
						2	5	1																							
							2	2		9 or 10	1			1					1	5											
							2	1																							
26						1	2	2		1 — 10	1	1					1	3		22		1		1	1	4	16	4	1		Fort Sandeman
	2					1	6	6																							
						1	3	2		9 or 10	1									5											
22	1					1		4		1 — 10			1					2	1	24		1	1			1	6	19			Gaya (a_1)
						1	7	2																							
							4	1		9 or 10			1					1		5											
								1																							
18	2						1	2		1 — 10	1				1	9	1			16			1			2	15	9	1		Gwador (a_2)
							5	6																							
								2		9 or 10	1									1											
22		2			1	1	2	5		1 — 10				1	3	2	1	1	5	15					4	2	14	7	1		Hyderabad (Dn.)
	1					1	5	2																							
						2				9 or 10				1		1	1			3											
										1 — 10																	5	12	11			Jacobabad (a_1)
										9 or 10																					
26							3	4	1	1 — 10										28					1	1	6	20			Jodhpur (a_1)
	2						6	4																							
						1		4		9 or 10										1											
							1																								
23	1						1			1 — 10								1	2	25								4	24		Jubbulpore
							9	4																							
						1	8	2		9 or 10																					
						2																									
24	1		1				1	7		1 — 10						1		1	1	25						4	3	19	2		Karachi(DrighRoad)(a_1)
	1						5	7																							
										9 or 10										2											
						1																									

STATION.	Speed limits (km./hr.).	Surface.										0·5 km. above Surface.										1·0 km. a. s. l.										2·0 km. a. s. l.								
		n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W
Lahore ...	6–25	28	1			1			1	2	23	28	4	1	1	1	1			9	3	28	6		1	2	1	1	4	2	26	2	2	1	1	3	1	1
ϕ =31° 35′ N ...	26–50																1	1		6			1			1	1		7						1			2
λ =74° 20′ E ...	51–75																																						
H_s =221 metres ...	>75																																						
Madras ...	6–25	28	1		2	1					24	28		4	8	9	6					27			8	10	3	1			1	26	4	6	4	1	1	1	2
ϕ =13° 04′ N ...	26–50														1									3	1								1	3					
λ =80° 15′ E ...	51–75																																	2					
H_s =13 metres ...	>75																																						
Malegaon ...	6–25	28							1	12	15	28	2	1	7	2	2	3	1	3		28	2	1	5	5	1	3	2	2		28	1	1	1	2	1	2	5
ϕ =20° 33′ N ...	26–50													2	3		1							2	3		1					1					4	4
λ =74° 32′ E ...	51–75																			1									1								1	
H_s =437 metres ...	>75																																						
Mangalore ...	6–25	28		13	11						4	28	7	1	2	1				9	4	28	5	3	1	1		3	5	5	11	28	2	10	7	4	2	1	
ϕ =12° 52′ N ...	26–50														2					2					3	1											2	
λ =74° 51′ E ...	51–75																																						
H_s =40 metres ...	>75																																						
New Delhi (a_1) ...	6–25	26	1		2	1		1	3	11	7	26	1	1	1			2	2	6	1	26	1	1	1	1		2	2	4		26	1			1		1	7
ϕ =28° 39′ N ...	26–50									2								2	1	4								1	7						1	1			
λ =77° 15′ E ...	51–75															1				4									3								1	
H_s =227 metres ...	>75																																						
Peshawar ...	6–25	28		2		2	1	5	1		17	28	6	1	1	1	1	1	4	6	4	28	6	3			1	1	7	9	1	28	7	1	1	1	3		
ϕ =34° 01′ N ...	26–50																		1																1				1
λ =71° 35′ E ...	51–75																																						
H_s =363 metres ...	>75																																						
Poona ...	6–25	28		1	1	1	5	6	2		12	28		5	7	4			4	3		28	1	5	7	5			4	3		27	1	1	2	1	3	6	3
ϕ =18° 32′ N ...	26–50													1	1	1			2				1			1			1				1	1	1	3	2	1
λ =73° 51′ E ...	51–75																																				1		
H_s =589 metres ...	>75																																						
Port Blair ...	6–25	28		8	3	1		3	1	4	8	27	3	6	9	1	1			1		25	5	5	4	3	1		1			16	2	2		2	1		1
ϕ =11° 40′ N ...	26–50												2		4										5	1							1		3	2			
λ =92° 43′ E ...	51–75																																						
H_s =87 metres ...	>75																																						
Sambalpur ...	6–25	28	2	5						1	20	26	1	5	4	2	3	3	1		1	26	6	2	3		3	1	3	2		24	4	1			4		1
ϕ =21° 28′ N ...	26–50												2	2			1			1			1					3								2		3
λ =83° 58′ E ...	51–75																																						2
H_s =153 metres ...	>75																																						
Sharjah (a_2) ...	6–25	28				10	5	1	1	1	6	28		2	4	2	5	2	4			28	1		4	2	2	4	1	1		27	1	1			3		2
ϕ =25° 20′ N ...	26–50						2		1	1			1			1	1	1	2	1					1		2	3								1	3		6
λ =55° 24′ E ...	51–75																1		1																		2		
H_s =13 metres ...	>75																																						
Tezpur ...	6–25	28		2							26	28		1	11	1	1	3	1		1	27		1	11	2		1	3	1	2	25	1	3	5		2	5	1
ϕ =26° 37′ N ...	26–50														5			1	3						2			1	2					1			1	2
λ =92° 47′ E ...	51–75																												1								1	2
H_s =76 metres ...	>75																																						
Trichinopoly ...	6–25	28	5	9					1		13	26		3	11	3	2	1				27		2	14	1	1	1	1			24	1	9	5	1	1		
ϕ =10° 49′ N ...	26–50													7	1									5	2								4	1				
λ =78° 42′ E ...	51–75																																		1				
H_s =88 metres ...	>75																																						
Trivandrum ...	6–25	28	5	7							16	26	2	2	3	3	3	3	1	4	5	26	4	4	4	1		2		2	9	25	2	5	8				
ϕ = 8° 31′ N ...	26–50																																	5	3				
λ =77° 00′ E ...	51–75																																						
H_s =73 metres ...	>75																																						
Vizagapatam ...	6–25	28		3	1					3	21	28		3	9	1	3	6	1		3	27	1	5	7	1	3	4	2	1	2	21	3	2				3	2
ϕ =17° 42′ N ...	26–50													1				1										1					2	3					1
λ =83° 18′ E ...	51–75																																						
H_s =56 metres ...	>75																																						

eed nits m./ c.).	3·0 km. a. s. l. n	N	NE	E	SE	S	SW	W	NW	C	Amounts of low cloud.	No. of observations with Code figures. 0	1	2	3	4	5	6	7	8	9	No. of observations with Code figures. 0	1	2	3	4	5	6	7	8	9	STATION.
-25	22	3			1		2	1	6		1 — 10									3	25					3	13	5	7			Lahore
-50		1						3	3																							
-75						1			1		9 or 10									2	7											
>75																																
-25	20	3	3		1		3	3	2	2	1 — 10					2	7	11			8					3	4	3	17	1		Madras
-50		1	1						1																							
-75											9 or 10							1			11											
>75																																
-25	27	2						4	2		1 — 10								1	1	26						2	7	19			Malegaon
-50		1					4	9	2																							
-75							2		1		9 or 10																					
>75																																
-25	25	4	2	3	1	1	6	1	2	1	1 — 10							3	2	5	18					3	7	16	2			Mangalore
-50			2			1	1																									
-75											9 or 10										1											
>75																																
-25	23							2	4		1 — 10					2			1	1	24					1	1	18	8			New Delhi (a_1)
-50							2	3	7																							
-75						1	1		2		9 or 10	1				1					3											
>75									1																							
-25	28	4	2	2		1	2	2	5	1	1 — 10			1			1	2	4	2	18						1		1	15	11	Peshawar
-50				1	2		2	1	1																							
-75								1	1		9 or 10			1							9											
>75																																
-25	25	2	2				3	5	2	1	1 — 10						1	2			25						1	2	25			Poona
-50		2				2	2	3																								
-75											9 or 10																					
>75							1																									
-25	8	2		1	1			1			1 — 10					17	8		1		2				1		5	11	11			Port Blair
-50		1	1						1																							
-75											9 or 10					2					9											
>75																																
-25	16	1								1	1 — 10	1			1		1	2	4		19				1	2	1	15	9			Sambalpur
-50		3					1	5	3																							
-75								2			9 or 10	1			1			1			6											
>75																																
-25	23							2			1 — 10						1		8	4	15								15	13		Sharjah (a_2)
-50		1					1	6	4																							
-75							1	4	2		9 or 10								1		5											
>75									2																							
-25	15		2	1		1	1		1	1	1 — 10			1				3	3	6	15				1	7	15	5				Tezpur
-50				1			1	3																								
-75							1	2			9 or 10			1				3	2	1	7											
>75																																
-25	14	2	5	3	3						1 — 10					7	4	2	2	7	6							8	13	7		Trichinopoly
-50										1																						
-75											9 or 10					1				1	6											
>75																																
-25	20	2	5	9						1	1 — 10						10	1		2	15						11	16	1			Trivandrum
-50			2		1																											
-75											9 or 10						2			2	8											
>75																																
-25	15	1						4			1 — 10					2	11	1			14							11	17			Vizagapatam
-50		1	1					3	3																							
-75		1							1		9 or 10						2				5											
>75																																

STATION.	Speed limits (km. hr.).	Surface.										0·5 km. above Surface.										1·0 km. a. s. l.										2·0 km. a. s. l.									
		n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	N
Agra ...	6-25	28	2			2		6	6	7	5	28	1		1	2	1	2	1	11	1	27	3		1	1	1	1	2	10	1	27					1	1	3	8
	26-50																		2	5									1	5							3	1	7
	51-75																			1										1										2
	>75																																							1
Ahmedabad ...	6-25	28		2	6			3	2	3	11	28	4	6	5	1	1	1	3	2	2	28	5	4	7	1	1	3	1	2	1	27		1			1	1	7	5
	26-50			1									1	1					1					2				1				2		1				3	2
	51-75																																		2				1		
	>75																																								
Allahabad (b_1) ...	6-25	28			3			1	10	4	9	27		1	1	1	1		5	8	3	28					1		6	10	1	26						3		6
	26-50									1									5	2								1	5	4			1				1	12	2
	51-75																																							1
	>75																																							
Bahrein (b_2) ...	6 25	28	2	1	5	5		1		11		28	1	4		4	1	3	1			27		2			4	1	2	2	2	21	1			1		2		
	26-50		1							2			5			2	2			3							3	1	1	6			1			2	6	1	5
	51-75												1							1			1				1			1									1
	>75																																				1				
Bangalore ...	6-25																																								
	26-50																																							
	51-75																																							
	>75																																							
Bhuj ...	6-25																																							
	26-50																																							
	51-75																																							
	>75																																							
Bombay (Juhu) (b_1) ...	6 25	28						4	3	19		28	5	7	1	2	1	5	2	3	2	27	2	8	3	3	2	2	3	2	1	25	3	3	3		1	5	3	2
	26-50									2																			1									3	2	
	51 75																																							
	>75																																							
Calcutta (b_1) ...	6-25	28	1	1			1	2	3	12	8	28	8	1			1		5	10	1	27	4					1	2	16	1	26	1	2				3		6
	26-50												1				1		1								1		1	1							1	5	2
	51-75																																						3	9
	>75																																							
Chittagong ...	6-25	28	1			1	1	8	5	8	4	28	8				2	6	5	4	2	28	6	3			3	3	4	4	3	27	1	1		4	4	2	3
	26 50																1											1	1								4	6
	51-75																																							2
	>75																																							
Dacca ...	6-25	28		1				4	3	8	12	28	2	1	1		2	1	9	6	4	27	1	1	1		1	3	6	11	1	26	1				3	2	4
	26-50																		1	1								1	1							1	9	3
	51-75																																						2	
	>75																																							
Fort Sandeman ...	6-25	28						3	1	5	18	27	2	1			4	7	5	4	1											27	2		1		10	3	4
	26-50								1											2																		2
	51-75																	1																		1			
	>75																																							
Gaya (b_1) ...	6-25	28	1	2	1			1	6	7	7	28	1	4	1	1		1	6	3	3	28	2	1	1	2		3	3	7	2	25	1				2	3	3
	26 50			1					1	1				1					4	2									7							2	6	2
	51-75																		1																		1	3
	>75																																							1
Gwador (b_4) ...	6 25	28		1	2	6	4	7	1	3	2	28	2	1	1	5	2	4	5	2	1	28	3	1	1	1	3	3	5	3	1	26	2	.			1	6	3
	26-50							1		1			1			1			3								1	3	1				4				1	1	8
	51-75																												1									1	
	>75																																					1		
Hyderabad (Dn.) ...	6 25																																							
	26-50																																							
	51-75			•																																			
	>75																																							
Jacobabad (c) ...	6-25	28			2			1	1	3	21	28	3	1	2	6	4	1	2	6	3	28		3	2	2	5	6	4	4	1	27	1	1			1	3	6	4
	26-50																			1																		1	3	
	51-75																																						1	1	
	>75																																							
Jodhpur (b_1) ...	6-25	28	2	8		1		2	1	3	8	28	4	7	2	1		1	4	1	5	28	5	7	3			1	4	1	4	26	6	1		1		2	6	
	26-50							1	1	1								2	1									1	1								1	2	
	51-75																											1												
	>75																																							
Jubbulpore ...	6-25	28	8	1			1	1	2	6	9	27	11	2			1	1	5	4	2	28	10	4			3		6	3	1	28	6				2	4	
	26-50																1										1										3	8	
	51-75																																							
	>75																																							
Karachi(DrighRoad) (b_1)	6 25	28		4		3		10	1	3	4	28		4	3		1	1	8	1	5	28	2	5	4		1	1	6		5	27	3	1	4	1		1	3	
	26-50			2				1						2					3										2	1			1				1	3	
	51-75																											1										1	2	
	>75																																							

3·0 km. a. s. l.										Amounts of low cloud.	No. of observations with Code figures.										No. of observations with Code figures.										STATION.
n	N	NE	E	SE	S	SW	W	NW	C		0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
25					1			3		1 — 10							1	1	2	24						1	15	12			Agra
50						1	4	10																							
75						2	2			9 or 10										2											
75								2																							
25	18						2	1		1 — 10										23					1			13	14		Ahmedabad
50						1	7	5																							
75						1				9 or 10										1											
75						1																									
25	19	1						3		1 — 10										21							2	26			Allahabad (b_1)
50						1	8	3																							
75						1	1	1		9 or 10																					
75																															
25	11									1 — 10						3	5	5		15						2	4	22			Bahrein (b_2)
50						1	4	1																							
75						2	2	1		9 or 10										4											
75																															
25										1 — 10																	4	28	1		Bangalore
50																															
75										9 or 10																					
75																															
25										1 — 10																1	3	24			Bhuj
50																															
75										9 or 10																					
75																															
25	26	1	3				3	2		1 — 10							5			23							4	24			Bombay (Juhu) (b_1)
50		1	1	1			3	6	2																						
75							2	1		9 or 10																					
75																															
25	19			1			2	3	1	1 — 10						2	3	3		20						3	25				Calcutta (b_1)
50							1	3	1																						
75							1	2	3	9 or 10										3											
75								1																							
25	26	1			1		2	1		1 — 10						1	6		2	19							1	27			Chittagong
50							3	4	3																						
75							1	7	1	9 or 10									1	2											
75									2																						
25	23					2	1	2	1	1 — 10					1		2	2	1	22						8	20				Dacca
50							2	5	1																						
75							1	2	4	9 or 10					1					3											
75									2																						
25	24	2					1	4	5	1 — 10	1		1				1	6	5		14				2	2		4	16	4		Fort Sandeman
50							2	9																							
75									1	9 or 10	1									4											
75																															
25	20	1					1	2	2	1 — 10								4	1	23							3	25			Gaya (b_1)
50								1	4																						
75								8		9 or 10								1		2											
75									1																						
25	22	1						1	2	1 — 10					1	5	1			21					1	1	10	15	1		Gwador (b_2)
50							1	2	10																						
75									5	9 or 10						1				2											
75																															
25										1 — 10																			28		Hyderabad (Dn.)
50																															
75										9 or 10																					
75																															
25	21							2	3	1 — 10							1	1	2	24						1	5	20	2		Jacobabad (c)
50		1					2	7	3																						
75									3	9 or 10										1											
75																															
25	25	3	1				1	3	2	1 — 10										28						1	2	8	17		Jodhpur (b_1)
50		1						6	6																						
75									1	9 or 10										2											
75									1																						
25	21								3	1 — 10									3	25							1		15	12	Jubbulpore
50		2					1	5	4																						
75								6		9 or 10																					
75																															
25	23	2		1				3	3	1 — 10						1	1			26						1	4	21	2		Karachi(DrighRoad)(b_1)
50				1				4	4																						
75		1						2	2	9 or 10																					
75																															

STATION.	Speed limits (km./hr.).	Surface. n	N	NE	E	SE	S	SW	W	NW	C	0·5 km. above Surface. n	N	NE	E	SE	S	SW	W	NW	C	1·0 km. a. s. l. n	N	NE	E	SE	S	SW	W	NW	C	2·0 km. a. s. l. n	N	NE	E	SE	S	SW
Lahore ...	6–25	28	1	1		1	1		4	10	10	28	6	1		2	2	1	4	10	1	28	3	2		3	3		3	7	2	24	3			1	1	1
	26–50																			1									1	4						1	2
	51–75																																					
	>75																																					
Madras ...	6–25	28		6	4	16					2	28		2	8	6	6					26		3	5	7		2	1	1	1	25	3	7	4	3	1	
	26–50													2	2	1	1							5				1					1	2				
	51–75																																					
	>75																																					
Malegaon ...	6–25																																					
	26–50																																					
	51–75																																					
	>75																																					
Mangalore ...	6–25																																					
	26–50																																					
	51–75																																					
	>75																																					
New Delhi (b_1) ...	6–25	28	1		1	1		1		14	6	28	1			1	2		4	11		28	1			1	1	1	5	9		25		1		2	2	
	26–50									3						2		1		6						2		1		7								
	51–75									1																													
	>75																																					
Peshawar ...	6–25	28		6	1	1		2	1	3	14	28	5	2	4				1	11	4	28	7	2	2					13	4	27	3	2	3		2	
	26–50												1																									
	51–75																																					
	>75																																					
Poona ...	6–25	28	4	2	5	1		2	2	3	8	27	1	3	7	1		4	3	2	4	27	1	5	4	2		2	6	1	5	28		1	4	1	2	6
	26–50								1										2										1							4	
	51–75																																				1	
	>75																																					
Port Blair ...	6–25	28		15	10	1				1	1	28	5	5	12			1		1	1	25	4	3	5	2			1	2	2	13			4	2		
	26–50													2	1										4	2							1		2	3		
	51–75																																					
	>75																																					
Sambalpur ...	6–25	28		6			2	4	4	3	9	28	5	1	1	1		10	1	5	3	28	3		1		4	6	4	7	2	27	2	1				
	26–50																		1										1							4	
	51–75																																					
	>75																																					
Sharjah (b_2) ...	6–25	28	5		1			2	5	10	1	28	2		1	1		6	4	5	2	28	1		3	4	3	2	4	1		27		1			2	3
	26–50		1	1	1				1						3	1			3							2	2	1	4	1						1	2
	51–75																																					1
	>75																																					
Tezpur ...	6–25	27		2	3	2		3	3		14	28		4	10		2	4	1	1	3	27		3	7	2	1	2	4	1	3	26		1	4		3	4
	26–50																	1							2			1	1						1		3	
	51–75																	1	1																			
	>75																																					
Trichinopoly ...	6–25	28	1	11	7						9	26	1	7	11	2						28	1	9	11	1				2		22		8	3	2		
	26–50													4	1									3	1										5	2		
	51–75																																					
	>75																																					
Trivandrum ...	6–25																																					
	26–50																																					
	51–75																																					
	>75																																					
Vizagapatam ...	6–25	23		1	11	10	3	3				28			13	6	4	2				28		9	5	3		1	4	1	2	26	2				2	
	26–50																	3										2	1				4	1		1	1	
	51–75																																					
	>75																																					

d s	3·0 km. a. s. l. n	N	NE	E	SE	S	SW	W	NW	C	Amounts of low cloud.	No. of observations with Code figures. 0	1	2	3	4	5	6	7	8	9	No. of observations with Code figures. 0	1	2	3	4	5	6	7	8	9	STATION.
25	22				1	1	2	4	6		1 — 10							2	3	1	22						1		27			Lahore
50						1	1	2	2																							
75								1	1		9 or 10								1		4											
75																																
25	20	3	3	2	1	3		1	2	2	1 — 10					2	9	9			8								2	26		Madras
50		2	1																													
75											9 or 10										7											
75																																
25											1 — 10																2	7	19			Malegaon
50																																
75											9 or 10																					
75																																
25											1 — 10																		25	3		Mangalore
50																																
75											9 or 10																					
75																																
25	20	1					2	2	4		1 — 10							3	5	1	19							11	17			New Delhi (b_1)
50							1	2	7																							
75									1		9 or 10										5											
75																																
25	23	2	1	1	1		2	5	1	2	1 — 10					1	1	2	5	2	17								3	12	13	Peshawar
50		1				1	1	1	4																							
75											9 or 10										14											
75																																
25	27		3	1	1		1	5	3	1	1 — 10								1	5	22								1	27		Poona
50							9	1	1																							
75							1				9 or 10																					
75																																
25	7	1	1	2					1		1 — 10					16	10				2						1	7	12	8			Port Blair
50		1			1																											
75											9 or 10					3					9											
75																																
25	24	1					1	1	2		1 — 10						1	1	6		20							1	15	10	2		Sambalpur
50		2					1	6	3																							
75							1	3	1		9 or 10						1		1		6											
75									2																							
25	23	1					1	2			1 — 10								8	5	15							1	1	10	16		Sharjah (b_2)
50							4	3	3																							
75							2	3	3		9 or 10										4											
75									1																							
25	26		2		1		1	4	1	1	1 — 10							4	6	5	13				1	1	1	12	13			Tezpur
50			1				6																									
75							1	7			9 or 10										2											
75								1																								
25	17		4	4	3	1				1	1 — 10					1	2	11	8		6								5	10	13	Trichinopoly
50		1	3																													
75											9 or 10					1					7											
75																																
25											1 — 10																5	2	8	12	1		Trivandrum
50																																
75											9 or 10																					
75																																
25	17	2		1			2	3	1		1 — 10						8	3	4		13							3	25			Vizagapatam
50		2						3	3																							
75											9 or 10										2											
75																																

STATION.	Speed limits (km./hr.).	Surface.										0·5 km. above Surface.										1·0 km. a. s. l.										2·0 km. a. s. l.							
		n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W
Allahabad (d_1) ...	6-25	28			2	2			3	7	14	28	5			2	1	2	1	8	1	27	5	1			1	1	2	4		20						1	2
	26-50																1			6							1	2	4									3	5
	51-75																			1									2										1
	>75																																						
Bahrein (d_2) ...	6-25	28	1	2	1	10		1	2	6	3	27				1	7			3		26	2		1	1	1	3		2	1	19						3	
	26-50		2										6			2	4	1		2			2				5	2		5						1	2	4
	51-75																			1							1				2								
	>75																																						
Bombay (Juhu) (d_1) ...	6-25	28		4		3				4	17	27	8	5	4	1		1	2	4		25	7	1	3	2	2	2	3		3	13	1		2	1		5	2
	26-50												1		1								1	1															
	51-75																																						
	>75																																						
Calcutta (d_1) ...	6-25	28	2	6		1	1	3	3	7	5	28	10	1	2	1	1	1	2	3		28	5	1	1		1	3	2	7	1	20		1			1	3	1
	26-50												1					3	1	2								3	2	2							1	5
	51-75																																						1
	>75																																						
Gaya (d_1) ...	6-25	28	1	1	1	2	1	5	7		10	28	2	1	3	4		1	2	5	2	28	1			1	2	3	4	3	2	18	1					1	3
	26-50																			7									5	6							1	3
	51-75																		1										1									
	>75																																						
Gwador (d_2) ...	6-25	28	2	4	1	2		1	3	6	8	28	1	2		4	4	3	2	4		28	2	1		4	2	2	5	6	1	23	1					3	7
	26-50								1				3	1					4					1				1	2	1			1					1	3
	51-75																																						2
	>75																																						
Jacobabad (d_1) ...	6-25	28	1	2	7	1		1			16	28	3	1	3	4	7	3		1	2	28	3	1	1	3	6	6	1	3		21					1	1	8
	26-50															2		1		1							1	2	1									2	2
	51-75																																						
	>75																																						
Jodhpur (d_1) ...	6-25	28	2	19	1				2		3	28	3	6	3	1	1		4	3		28	3	6	2	1	1	1	7	3	2	19						4	4
	26-50									1			1	3				2		1								1					2					2	
	51-75																											1											
	>75																																						
Karachi(DrighRoad)(d_1)	6-25	28	5	6				1	2	2	11	28		1	5		1	3	5	4	2	27	1	1	6	1		4	5	4	1	18	2	3				1	2
	26-50									1			1	1					3	1									1	2								
	51-75																												1										
	>75																			1																			
New Delhi (d_1) ...	6-25	28	2	1		2			2	9	11	28	4			2	2		1	6		28		1		1	2	1	2	7		21					1	1	2
	26-50									1								1		9									2	8								5
	51-75															1				2						1				3									
	>75																																						
Sharjah (d_2) ...	6-25	28		4	2	8	4	1		1	5	28	4		2	1	1		5	1	3	28	2	2	3	1	1	4	4	3		24	2	1			2	1	6
	26-50								2	1				3	1	1	1		1	1							2	2	2	1							1	1	6
	51-75																1		2										1										
	>75																																						

TABLE 10—

STATION.	Speed limits (km./hr.).	Surface.										0·5 km. above Surface.										1·0 km. a. s. l.										2·0 km. a. s. l.							
		n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W
Jacobabad ...	6-25	28	2	1	3	3	1	1		1	16	28	1	2	5	6	1	1	2	3	5	28	3	2	3	2	7	3	2	2	2	28	2			2		6	5
	26-50															1			1									1	1									3
	51-75																																						1
	>75																																						

UENCY (EARLY MORNING)

TABLE 8—FREQUENCY OF LOW CLOUD HEIGHTS (EARLY MORNING)

TABLE 9—FREQUENCY OF VISIBILITY (0330 HRS.)

	3-0 km. a. s. l.										Amounts of low cloud.	No. of observations with Code figures.										No. of observations with Code figures.										STATION.
	n	N	NE	E	SE	S	SW	W	NW	C		0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
15	6						1	2	1		1 — 10					1		1	1		25				1	1		13	13			Allahabad (d_1)
30									1																							
45											9 or 10										1											
45							1																									
15	4						1	1			1 — 10							1	7		20					9	18	1			Bahrein (d_2)
30							2																									
45											9 or 10										1											
45																																
15	6			1			1	1	1		1 — 10					1		2	1		24						1	26	1			Bombay (Juhu) (d_1)
30							1	1																								
45											9 or 10							1			1											
45																																
15	4							1			1 — 10						1	1		1	25					1	27				Calcutta (d_1)
30								2	1																							
45											9 or 10										1											
45																																
15	8								1		1 — 10							1		1	26						1	3	24			Gaya (d_1)
30							2	3	2																							
45											9 or 10										1											
45																																
15	11	1						1			1 — 10						6	4			18					4	20	4			Gwador (d_2)
30								1	4																							
45								3	1		9 or 10										1											
45																																
15	6							1	3		1 — 10								2		26					1	1	14	12			Jacobabad (d_1)
30									2																							
45											9 or 10																					
45																																
15	14	1						3	1		1 — 10										28					1	1	6	20			Jodhpur (d_1)
30								3	5																							
45							1				9 or 10																					
45																																
15	5	1	1					1		1	1 — 10					1	1				26						3	1	24			Karachi (Drigh Road) (d_1)
30								1																								
45											9 or 10																					
45																																
15	6								1		1 — 10							1	1	1	25					1	3	14	10			New Delhi (d_1)
30		1							4																							
45											9 or 10										2											
45																																
15	9						1		2		1 — 10								5	1	22							2	9	17		Sharjah (d_2)
30							3	2																								
45								1			9 or 10																					
45																																

UENCY (1230 HRS.)

TABLE 11—FREQUENCY OF LOW CLOUD HEIGHTS (1230 HRS.)

	3-0 km. a. s. l.										Amounts of low cloud.	No. of observations with Code figures.										No. of observations with Code figures.										STATION.
	n	N	NE	E	SE	S	SW	W	NW	C		0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
15	25	1					3	2	3		1 — 10									2	26											Jacobabad
30							3	6	2																							
45								1	2		9 or 10										2											
45								1	1																							

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March

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Summary.—Abundant rainfall occurred in the Deccan, Mysore and southeast Madras in association with a depression in the southwest Bay and the passage of a trough of low pressure from the east Arabian Sea to the centre of the country. Western disturbances caused excessive precipitation in the extreme north. Over the rest of the country rainfall was mostly scanty.

The northeast monsoon began to revive in the middle of the month, when scattered thundershowers started in the south. On the 19th conditions became unsettled to the east of Ceylon. Weather was then temporarily dry over the Peninsula, but, after a depression had formed in the southwest Bay on the 20th, to persist there till the 24th, a spell of widespread rainfall was experienced in south Madras and neighbourhood. A trough of low pressure then appeared off the Konkan-Kathiawar coast and in moving inland to the centre of the country, where it filled up by the 27th, caused extensive thunder-rain in the Peninsula and later also in the Central Provinces.

Thunderstorm activity was maintained in Assam and parts of Bengal and extended into Orissa and the Central Provinces about the middle of the month and into the northern half of the Peninsula during the following week. During the last week thunderstorms considerably decreased in northeast India.

Seven western disturbances affected northwest India during the month, as set out below:—

Western disturbances.			Precipitation.			Remarks.
No.	Period.	Course.	Region.	Nature of precipitation.	Period.	
1	3rd to 6th ...	Northwest frontier eastwards across western Himalayas.	(1) Kashmir ...	Local rain or snow ...	3rd.	Lay as a depression over the southwest Punjab on the 4th morning and moved away northeastwards across the Punjab by the 6th morning.
			(2) North Punjab hills ...	Scattered light showers.	3rd.	
			(3) Kashmir, Punjab hills.	Fairly widespread rain or snow.	4th.	
			(4) Northwest frontier ...	A few thundershowers and duststorms.	4th.	
			(5) Western Himalayas ...	Local thunderstorms.	5th.	
2	7th to 10th...	Do.	(1) Northwest frontier ...	Isolated light showers.	7th.	
			(2) Extreme north ...	Fairly widespread rain or snow.	8th.	
			(3) Kashmir, north Punjab hills.	Fairly widespread light rain or snow.	9th.	
			(4) North-West Frontier Province.	A few showers ...	9th.	
			(5) Along and near the western Himalayas.	Scattered thundershowers.	10th.	
3	14th to 17th.	Do.	(1) Northwest frontier ...	A few light showers...	14th.	Low temperatures prevailed generally over the extreme north, extending over the whole of northwest India by the 23rd.
			(2) From northwest frontier to Kashmir.	Widespread rain or snow.	15th.	
			(3) From the northwest frontier to western Himalayas.	Widespread rainfall...	16th.	
			(4) Western Himalayas...	Local thundershowers.	17th.	
4	17th to 19th.	Do.	(1) Along and near the northwest frontier.	Local thundershowers.	17th.	The fourth disturbance lay as a depression over Baluchistan on the 18th morning but weakened and moved away northeastwards across the Punjab by the 19th.
			(2) Northwest frontier to western Himalayas.	Widespread rainfall...	18th.	
			(3) Punjab hills, Kashmir.	Scattered showers ...	19th.	

Western disturbances.			Precipitation.			Remarks.
No.	Period.	Course.	Region.	Nature of precipitation.	Period.	
5	19th to 22nd.	Northwest frontier through the extreme north.	(1) Northwest frontier ...	Scattered light drizzle.	19th ...	Day temperatures continued below normal in most of northwest India.
			(2) Extreme north ...	Local falls of rain or snow.	20th.	
			(3) Northeast Baluchistan	Isolated light showers.		
			(4) Northwest frontier to Kashmir.	Widespread rainfall...	21st.	
			(5) Kashmir, Punjab hills.	Widespread rainfall...	22nd.	
6	24th to 25th.	Through the extreme north.	Kashmir ...	Light showers ...	24th ...	Very feeble.
7	27th to 29th.	Northwest frontier through extreme north.	Extreme north ...	(1) Local falls of rain or snow.	28th.	
				(2) A few showers ...	29th.	

Some cold spells, associated with western disturbances, have been mentioned in the foregoing table. Temperatures were, on the other hand, markedly high over most of northern and central India during the first twelve days, east Central India and the surrounding sub-divisions experiencing another spell of warm weather during the third week.

The total rainfall of the month was in large excess in the Bay Islands, Kashmir, the Deccan, Mysore and southeast Madras, the amount recorded in the Bombay Deccan being over nine times the normal. Rainfall was in slight to moderate excess in the North-West Frontier Province and west Central India, normal in Assam, in moderate defect in Baluchistan, the east Central Provinces and Malabar and in large defect elsewhere, the month having passed dry over Chota Nagpur, Bihar, the east United Provinces, west Rajputana, Gujarat, Berar and the Konkan. Averged over the plains of India, the month's rainfall was in defect by 25 per cent.

Both mean maximum and mean minimum temperatures were above normal in Bengal, Orissa, Chota Nagpur, the east United Provinces, Rajputana, west Central India and the Central Provinces; the maximum alone was above normal in Bihar, the west United Provinces and east Central India and the minimum alone in Assam, Baluchistan, Gujarat, Berar, the Deccan, Mysore and southeast Madras. Maximum temperature was below normal in the Bay Islands and Kashmir.

The mean relative humidity was in defect in Chota Nagpur, Bihar, the United Provinces, the Punjab, Baluchistan, east Rajputana, Central India and the Central Provinces.

The mean cloud amount was above normal in Assam, Bengal, Orissa, the Central Provinces and the Peninsula outside the north Madras coast, and below normal in Chota Nagpur, Bihar, the east United Provinces, the southwest Punjab, east Rajputana and east Central India.

Table I contains the divisional and sub-divisional means of rainfall, temperature, humidity and cloud for the 16 chief political divisions and the 33 sub-divisions; these means are based on the observations at the stations whose monthly mean data are given in the subsequent tables.

POONA No. 5:
The 30th May 1938.

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

	Rainfall.				Departure from normal of				
							8 hrs. L. M. T.		
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Vapour pressure.	Relative humidity.	Cloud.
1	2	3	4	5	6	7	8	9	10
Division	"	"	"		°	°	"	%	
Burma ...	0·48	0·69	−0·21	− 30	−0·6	+ 1·3	+·013	− 1	+0·7
Assam ...	3·99	3·78	+0·21	+ 6	+0·8	+ 3·9	+·044	0	+0·8
Bengal ...	0·17	1·76	−1·59	− 90	+3·7	+ 3·9	+·071	+ 1	+0·6
Orissa ...	0·45	1·06	−0·61	− 58	+3·0	+ 2·5	+·041	− 2	+0·7
Bihar ...	0	0·65	−0·65	−100	+4·9	+ 2·4	−·034	−11	−0·9
United Provinces.	0·01	0·50	−0·49	− 98	+4·5	+ 2·4	−·058	−12	−0·4
Punjab ...	0·25	0·86	−0·61	− 71	+1·7	+ 0·5	−·027	− 7	−0·3
North-West Frontier Province.	1·90	1·63	+0·27	+ 17	−0·5	− 1·6	−·014	− 5	−0·7
Sub-division									
Bay Islands ...	1·99	0·74	+1·25	+169	−2·2	− 0·2	−·005	0	+0·6
Lower Burma ...	0·59	0·80	−0·21	− 26	−1·0	+ 1·2	+·016	0	+1·3
Upper Burma ...	0·29	0·50	−0·21	− 42	+0·1	+ 1·5	+·009	− 2	+0·1
Assam ...	3·99	3·78	+0·21	+ 6	+0·8	+ 3·9	+·044	0	+0·8
Bengal ...	0·17	1·74	−1·57	− 90	+3·7	+ 3·9	+·071	+ 1	+0·6
Orissa ...	0·45	1·06	−0·61	− 58	+3·0	+ 2·5	+·041	− 2	+0·7
Chota Nagpur ...	0	1·01	−1·01	−100	+4·7	+ 2·9	+·007	− 7	−0·5
Bihar ...	0	0·52	−0·52	−100	+5·0	+ 1·9	−·068	−14	−1·1
United Provinces, East.	0	0·37	−0·37	−100	+5·0	+ 3·3	−·084	−15	−0·9
Do. do. West.	0·01	0·62	−0·61	− 98	+3·9	+ 1·6	−·033	− 9	0
Punjab, East and North.	0·31	1·11	−0·80	− 72	+1·9	+ 0·8	−·025	− 8	−0·1
Do. Southwest.	0·18	0·57	−0·39	− 68	+1·5	+ 0·1	−·031	− 6	−0·7
Kashmir ...	5·67	3·63	+2·04	+ 56	−3·4	+ 1·7	+·001	+ 3	+0·3
North-West Frontier Province.	1·90	1·63	+0·27	+ 17	−0·5	− 1·6	−·014	− 5	−0·7
Baluchistan ...	0·68	1·02	−0·34	− 33	+0·7	+ 2·1	−·015	− 8	+0·1
Sind ...	0·03	0·25	−0·22	− 88	+1·2	+ 1·6	+·026	+ 2	0
Rajputana, West.	0	0·09	−0·09	−100	+4·3	+ 3·7	+·043	+ 3	−0·5

	Rainfall.				Departure from normal of				
							8 hrs. L. M. T.		
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Vapour pressure.	Relative humidity.	Cloud.
1	2	3	4	5	6	7	8	9	10
Division—*contd.*	"	"	"		°	°	"	%	
9. Sind ...	0·03	0·25	−0·22	− 88	+1·2	+1·6	+·026	+ 2	0
10. Rajputana ...	0·03	0·17	−0·14	− 82	+3·0	+3·2	−·019	− 8	−0·6
11. Bombay ...	0·56	0·11	+0·45	+ 409	+1·4	+2·2	+·003	− 1	+0·7
12. Central India ...	0·05	0·23	−0·18	− 78	+3·8	+1·9	−·046	−11	−0·5
13. Central Provinces and Berar.	0·22	0·55	−0·33	− 60	+3·3	+3·5	−·021	− 7	+0·4
14. Hyderabad ...	0·99	0·45	+0·54	+ 120	+1·1	+2·8	+·013	0	+1·3
15. Mysore ...	0·66	0·35	+0·31	+ 89	+0·9	+2·7	+·043	+ 5	+1·8
16. Madras ...	1·02	0·48	+0·54	+ 113	−0·7	+2·0	+·024	0	+1·5
Mean of India (excluding Burma).	0·52	0·69	−0·17	− 25	+2·3	+2·4	−·002	− 4	+0·3
Sub-division—*contd.*									
18. Rajputana, East.	0·04	0·19	− 0·15	− 79	+2·6	+3·1	−·039	−12	−0·7
19. Gujarat ...	0	0·10	− 0·10	−100	+1·5	+2·2	0	− 1	+0·3
20. Central India, West	0·09	0·07	+ 0·02	+ 29	+2·7	+3·6	−·093	−15	−0·1
21. Do. do. East.	0·01	0·39	− 0·38	− 97	+4·9	+0·2	+·001	− 7	−0·8
22. Berar ...	0	0·34	− 0·34	−100	+1·1	+3·5	−·013	− 3	+0·1
23. Central Provinces, West.	0·14	0·42	− 0·28	− 67	+3·3	+3·3	−·020	− 6	+0·5
24. Do. do. East.	0·43	0·85	− 0·42	− 49	+4·4	+3·9	−·028	− 9	+0·5
25. Konkan ...	0	0·04	− 0·04	−100	+0·9	+1·6	+·027	0	+0·7
26. Bombay Deccan...	1·68	0·17	+ 1·51	+888	+1·4	+2·3	+·002	− 2	+1·3
27. Hyderabad, North	0·89	0·47	+ 0·42	+ 89	+0·5	+3·6	−·009	− 1	+1·7
28. Do. South	1·09	0·43	+ 0·66	+153	+1·5	+2·2	+·030	+ 1	+1·1
29. Mysore ...	0·66	0·35	+ 0·31	+ 89	+0·9	+2·7	+·043	+ 5	+1·8
30. Malabar ...	0·56	1·04	− 0·48	− 46	−0·2	+1·7	+·049	+ 2	+2·1
31. Madras, Southeast	1·93	0·43	+ 1·50	+349	−1·5	+2·3	+·014	+ 2	+1·8
32. Do. Deccan...	0·34	0·21	+ 0·13	+ 62	−0·5	+2·1	−·029	− 4	+2·0
33. Do. Coast, North	0·10	0·32	− 0·22	− 69	+0·3	+1·6	+·053	0	+0·4

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Relative humidity %		
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Bay Islands																						
*Port Blair ...	59/261	29·782	−·048	29·513	88·1	− 2·2	91	29, 31	76·1	−0·2	72	5, 6	80·2	81·2	76·4	74·9	·842	−·005	·779	83	0	
Lower Burma																						
Victoria Point ...	157	29·694	−·031	29·614	86·8	− 2·8	89	4 days	76·0	−0·1	73	6, 15	79·4	81·7	75·9	75·6	·848	+·020	·815	85	+ 5	
Mergui ...	66	29·784	−·041	29·689	89·1	− 1·9	95	12	75·5	+2·9	72	1, 2, 5	77·5	82·5	74·5	75·7	·826	−·009	·801	86	+ 3	
Tavoy ...	19	29·842	−·044	29·736	92·7	− 0·4	97	9, 14, 19	71·6	+0·7	65	1, 5	77·0	83·1	72·6	75·4	·750	−·023	·765	80	− 6	
Amherst ...	71	29·785	−·041	29·671	89·6		93	13	75·1		70	4	80·4	84·1	74·2	76·2	·757		·788	75		
Rangoon ...	18	29·825	−·048	29·705	95·5	− 0·4	100	21	71·9	+0·7	66	3	76·0	87·9	73·7	77·2	·804	+·066	·784	90	+ 5	
Tharrawaddy ...	49	29·792		29·657	97·1		100	4 days	67·2		61	2	75·5	90·6	72·4	75·4	·743		·664	86		
Bassein ...	20	29·832	−·030	29·735	94·4	+ 0·2	99	21	71·6	+0·5	65	3	77·7	84·9	73·7	73·1	·784	+·003	·648	82	− 2	
Diamond Island ...	41	29·801	−·049	29·716	85·1	+ 0·1	88	14, 21	77·5	+2·1	75	2, 3, 12	79·6	80·7	74·7	74·8	·799	+·029	·785	79	+ 3	
Gwa ...	11	29·833		29·748	85·3		90	14	67·5		59	3, 7	74·5	81·7	71·0	75·5	·710		·785	83		
Sandoway ...	28	29·824		29·729	91·6		97	21	64·3		55	2	73·3	82·3	69·2	74·7	·654		·765	80		
Toungoo ...	158	29·689	−·034	29·535	96·4	− 0·8	100	20	69·4	+0·8	58	3, 4	77·9	90·4	71·0	74·1	·663	−·012	·615	69	− 5	
Kyaukpyu ...	18	29·832	−·038	29·735	84·1	− 1·1	88	29	71·3	+1·3	65	1, 2	77·0	81·6	74·0	75·4	·797	+·024	·785	86	+ 2	
Akyab ...	29	29·836	−·032	29·737	86·6	− 1·9	90	29	70·6	+2·1	58	1	77·0	80·8	73·0	74·4	·756	+·050	·750	81	− 2	
Upper Burma																						
Minbu ...	168	29·655	−·050	29·505	98·8	+ 0·4	106	26	69·6	+0·2	59	2	77·4	92·9	67·0	69·7	·520	+·011	·423	55	− 1	
Yamethin ...	644	29·179	−·038	29·024	96·7	− 1·1	101	4 days	69·9	+1·2	58	3	76·5	90·9	68·1	71·3	·570	+·016	·495	63	+ 1	
Mandalay ...	252	29·561	−·056	29·397	97·0	+ 0.5	102	26, 27	69·8	+3.6	54	2	76·4	92·1	66·9	70·1	·533	+.028	·436	59	+6	
Monywa ...	267	29·543	−·076	29·376	99·7	+ 3·2	105	5 days	69·2	+1·9	61	2	74·9	93·1	64·9	69·8	·482	−·008	·416	56	− 2	
Lashio ...	2,802	27·045	−·040	26·918	85·5	− 0·1	91	31	57·3	+1·4	47	1	66·1	77·9	58·5	61·8	·412	+·005	·369	62	− 8	
Bhamo ...	386	29·425	−·069	29·280	86·6	− 1·4	96	29	61·8	+2·3	52	1	68·1	80·5	64·2	69·8	·542	+·016	·591	80	− 2	
Myitkyina ...	476	29·335	−·082	29·210	83·9	− 0·6	93	31	62·7	+1·7	56	1	67·5	78·4	63·1	68·9	·515	+·014	·580	77	− 2	
Assam																						
Dibrugarh ...	348	29·459	−·095	29·372	76·6	− 1·2	87	30	62·0	+1·4	55	1	65·6	70·6	62·8	65·8	·538	+·018	·575	85	− 2	
Sibsagar ...	317	29·475	−·102	29·377	77·3	− 1·3	87	30	61·7	+1·9	55	1	65·5	72·3	63·7	67·2	·572	+·028	·593	91	0	
Tezpur ...	258	29·536	−·106	29·418	83·0	+ 0·4	91	30	64·1	+2·3	57	15	68·8	76·8	64·3	66·7	·535	+·026	·526	78	− 3	
Gauhati ...	196	29·587	−·119	29·458	86·3	+ 1·4	96	29	64·1	+4·4	55	1	68·9	81·1	64·5	68·3	·558	+·040	·512	79	0	
Dhubri ...	115	29·668	−·092	29·530	88·2	+ 2·3	98	28	65·5	+2·6	57	15	69·8	85·1	64·7	66·9	·549	+·028	·419	75	0	
Silchar ...	96	29·725	−·085	29·590	86·6	+ 0·7	91	28, 29, 31	67·1	+4·0	56	1	69·8	82·4	67·9	72·7	·657	+·076	·682	90	+ 9	
Srimangal ...	69	29·735	−·095	29·597	91·3	+ 2·2	98	29, 30, 31	70·1	+9·2	54	1	75·6	84·7	71·5	72·7	·704	+·093	·648	81	− 3	
Bengal																						
Cox's Bazar ...	38	29·803	−·050	29·710	85·1	− 1·2	89	29, 30, 31	69·6	+3·0	55	1	77·1	80·2	73·0	74·4	·756	+·051	·757	81	− 1	
Chittagong ...	87	29·750	−·060	29·646	86·9	+ 0·1	91	18	70·6	+3·3	55	1	75·4	80·5	71·3	74·3	·704	+·027	·757	81	− 1	
Noakhali ...	22	29·788	−·084	29·681	86·4	0	91	9, 30	75·0	+5·1	59	1	78·7	81·8	75·7	76·5	·855	+·122	·851	87	+ 3	
Comilla ...	37	29·758	−·093	29·642	92·0	+ 2·9	100	30	72·7	+5·7	60	1	77·1	84·1	73·9	74·7	·795	+·094	·738	84	0	
Brahmanbaria ...	32	29·763		29·646	91·5	+ 2·6	97	28, 30, 31	72·3	+8·2	60	1	76·8	86·6	73·4	73·4	·763	+·119	·635	85	+ 8	
Narayanganj ...	26	29·760	−·095	29·633	92·8	+ 3·5	100	22, 30	73·7	+5·6	63	1	77·4	87·4	74·0	73·3	·791	+·114	·621	84	+ 3	
Mymensingh ...	62	29·729	−·093	29·591	91·2	+ 3·9	102	28	69·4	+4·8	59	1	74·5	89·9	71·1	69·5	·710	+·116	·432	83	+ 4	
Faridpur ...	27	29·752	−·105	29·620	94·5	+ 5·9	101	28	71·2	+5·5	59	1	76·5	88·8	73·6	71·9	·797	+·129	·554	86	+ 5	
Barisal ...	11	29·775	−·093	29·671	92·0	+ 2·9	98	30	74·0	+5·3	63	1	78·1	85·6	75·0	76·5	·826	+·097	·805	86	+ 3	
Khulna ...	16	29·784	−·076	29·659	93·2	+ 3·1	93	20, 23, 30	73·5	+6·0	60	1	78·8	85·6	75·7	75·5	·855	+·160	·781	86	+ 8	
Jessore ...	26	29·744	−·105	29·617	95·9		101	30, 31	70·5		57	1	77·6	87·3	74·4	73·1	·797	+·120	·621	85	+ 6	
Satkhira ...		29·765	−·092	29·641	96·2	+ 4·3	102	30	73·3	+5·7	61	1	78·6	90·5	75·4	75·1	·826	+·141	·664	86	+ 8	
Calcutta ...	22	29·757	−·096	29·637	96·4	+ 4·5	101	22, 29, 30	73·4	+4·9	62	1	77·4	90·3	74·4	74·9	·808	+·123	·655	87	+ 6	
Saugor Island ...	10	29·772	−·091	29·660	86·4	− 0·5	92	14	77·9	+3·5	69	1	80·4	82·0	76·9	77·7	·878	+·079	·896	84	+ 1	
Sandheads ...	25	29·777	−·086	29·680									80·7	81·9	77·6	78·3	·916	+·034	·910	87	+ 6	
Midnapore ...	149	29·630	−·092	29·500	101·6	+ 6·9	108	31	71·6	+2·3	64	1	78·9	96·8	70·8	70·3	·650	+·056	·376	67	0	
Burdwan ...	99	29·671	−·098	29·542	98·8	+ 5·7	105	31	69·3	+1·5	61	1	74·8	93·3	69·1	69·5	·684	+·074	·335	74	+ 6	
Krishnagar ...	48	29·721	−·101	29·594	98·8	+ 6·8	106	31	68·5	+2·7	59	1, 14	76·4	93·3	72·1	72·0	·730	+·122	·500	81	+ 9	
Asansol ...	414	29·340	−·105	29·219	98·2	+ 5·3	104	22, 30, 31	68·4	+2·1	61	1, 2, 16	75·0	96·0	61·3	66·0	·353	−·105	·236	42	−12	
Berhampore ...	62	29·697	−·110	29·555	97·6	+ 5·9	104	31	65·9	+0·3	59	1, 14, 15	76·9	93·2	67·2	68·0	·533	−·012	·348	59	−10	
Bogra ...	63	29·708	−·096	29·564	96·4	+ 6·3	103	31	64·6	+1·5	55	15	74·8	92·2	67·7	66·9	·590	+·047	·313	69	− 4	
Malda ...	108	29·655	−·085	29·532	95·2	+ 5·2	102	30, 31	63·3	+1·9	56	15	74·3	90·0	62·6	66·1	·421	−·077	·316	50	−15	
Dinajpur ...	128	29·625	−·111	29·495	93·0	+ 4·0	101	31	63·2	+2·6	54	15	71·0	90·6	62·5	65·9	·461	−·015	·310	62	− 6	
Jalpaiguri ...	271	29·494	−·103	29·365	86·6	+ 1·9	93	25, 29	62·3	+2·5	54	14	69·2	82·1	62·9	67·1	·488	−·016	·459	68	− 9	
Addenda for Jan.																						
Toungoo ...	158	29·833	+·011	29·726	86·2	+ 1·8	93	29	61·2	+3·5	56	22	66·6	76·5	63·5	69·2	·535	+·016	·607	83	− 6	
Addenda for Feb.																						
Toungoo ...	158	29·766	−·008	29·650	90·7	+ 0·5	95	24, 25	62·8	+2·0	53	20	69·5	82·4	65·0	70·3	·556	−·002	·571	77	− 6	

*8 hrs. observations at surface observatory (old site), height 59 ft; 17 hrs. observations at combined observatory (new site), height 261 feet.

ound amount nths of sky).		Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																	STATION.
										8 hrs. L. M. T.									17 hrs. I. S. T.									
Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
25	26	27.	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																												Bay Islands
+ 0·6	7·2	1·99	+ 1·25	0·86	15	3	+ 2·0	3·5	+ 0·3	0	1	5	2	1	0	8	8	6	1	3	16	6	2	1	1	0	1	*Port Blair
																												Lower Burma
+ 1·5	7·0	4·77	+ 2·33	1·64	21	7	+ 2·8	4·3	− 1·3	0	15	11	3	0	0	0	1	1	1	3	5	0	1	1	3	14	3	Victoria Point
+ 3·3	6·5	2·19	− 0·93	1·34	15	4	− 0·6	6·1	+ 4·0	0	8	9	11	0	0	0	1	2	1	4	2	2	0	2	0	20	0	Mergui
+ 2·2	3·8	0·16	− 1·43	0·12	15	1	− 1·2	2·3	+ 1·1	1	1	0	0	1	0	0	0	28	2	1	0	1	0	1	0	4	22	Tavoy
	6·2	0	− 0·40	0		0	− 0·9	7·8		0	0	12	10	2	1	3	1	2	0	0	0	0	0	13	15	3	0	Amherst
− 0·7	2·4	0	− 0·32	0		0	− 0·6	3·5	+ 0·2	5	3	1	1	3	5	5	3	5	0	0	0	7	14	7	2	1	0	Rangoon
	8·3	0	− 0·24	0		0	− 0·3	3·2		0	0	4	17	5	2	0	0	3	0	0	0	1	3	15	7	0	5	Tharrawaddy
− 1·2	0·7	0	− 0·17	0		0	− 0·2	5·1	+ 1·0	0	0	0	0	0	5	14	7	5	0	0	0	0	0	1	16	14	0	Bassein
+ 2·7	5·1	0	− 0·17	0		0	− 0·2	6·5		7	1	0	0	0	1	5	16	1	3	0	0	0	0	0	8	20	0	Diamond Island
	2·5	0	− 0·08	0		0	− 0·1	6·1		5	3	0	0	2	0	0	2	19	0	0	0	0	0	0	0	31	0	Gwa
	1·9	0		0		0		1·7		0	13	4	0	0	0	0	0	14	0	0	0	0	0	6	18	4	3	Sandoway
−0.6	4·6	0	− 0·33	0		0	− 0·5	3·2	+ 1·0	0	1	5	12	9	1	0	1	2	0	0	3	13	10	0	0	0	5	Toungoo
+ 2·1	5·2	0	− 0·28	0		0	− 0·4	4·3	+ 2·1	1	2	3	13	4	2	1	2	3	0	0	0	0	0	1	28	2	0	Kyaukpyu
+ 1·6	2·3	0	− 0·49	0		0	− 0·7	7·9		6	14	7	1	0	2	1	0	0	0	0	0	0	5	11	14	1	0	Akyab
																												Upper Burma
− 1·0	0·6	0	− 0·29	0		0	− 0·4	4·2	+ 0·2	0	0	0	12	4	0	0	3	12	0	0	0	1	0	3	16	0	11	Minbu
+ 0·3	1·2	0·03	− 0·34	0·03	31	0	− 0·5	3·4		3	0	0	0	25	0	0	0	3	1	0	0	2	18	2	1	0	7	Yamethin
+ 0·7	2·0	0	− 0·19	0		0	− 0·5	4·2		1	0	0	5	18	1	1	1	4	2	0	1	1	8	1	0	0	18	Mandalay
− 0·1	1·9	0	− 0·35	0		0	− 0·9	3·0	+ 1·1	10	0	1	6	6	0	0	5	3	3	0	1	6	4	2	1	0	14	Monywa
− 0·1	3·8	0·14	− 0·45	0·11	4	1	− 0·3	2·7	0	0	0	0	0	1	2	1	0	27	0	0	0	0	1	7	3	8	12	Lashio
+ 0·7	3·0	0·36	− 0·39	0·19	19	2	0	3·0	+ 1·3	12	9	0	0	0	0	0	3	7	16	9	0	0	1	0	0	1	4	Bhamo
+ 0·6	3·3	1·49	+ 0·55	0·38	14	5	+ 2·1	4·5	+ 1·8	11	6	2	3	1	1	3	4	0	8	4	0	0	1	3	5	5	5	Myitkyina
																												Assam
+ 2·6	8·7	4·89	+ 0·30	1·48	6	9	− 0·2	2·2	+ 1·0	3	6	11	2	0	0	0	1	8	3	9	7	0	1	0	0	0	11	Dibrugarh
+ 1·4	6·8	7·67	+ 2·89	1·06	6, 25	18	+ 8·7	3·7[d]	+ 1·6	5	9	3	1	2	1	0	1	9	7	11	3	0	0	1	0	1	8	Sibsagar
− 0·2	3·5	1·89	− 0·39	0·49	6	7	+ 1·9	5·4	+ 1·9	0	12	17	0	0	0	2	0	0	0	6	17	1	0	2	2	1	2	Tezpur
− 0·5	4·0	1·28	− 1·01	0·38	5	5	+ 0·7	3·5	+ 1·7	2	8	8	8	1	1	1	1	1	2	11	6	2	0	2	2	1	5	Gauhati
− 0·4	1·4	0·27	− 1·49	0·27	19	1	− 1·5	6·0	+ 1·5	2	16	9	1	1	2	0	0	0	0	4	4	0	1	6	9	5	2	Dhubri
+ 0·4	3·9	12·83	+ 4·92	4·10	13	10	+ 0·6	2·0	0	4	3	3	3	3	2	1	2	10	3	1	3	4	1	2	3	0	14	Silchar
+ 2·5	3·8	1·69	− 2·56	0·84	5	4	− 1·5	6·0		0	0	0	14	16	1	0	0	0	0	0	2	7	13	5	0	0	4	Srimangal
																												Bengal
+ 2·8	3·4	0	− 1·28	0		0	− 1·3	5·9	+ 2·9	0	1	11	16	2	0	0	0	1	0	0	0	2	15	8	4	1	1	Cox's Bazar
+ 1·1	2·0	0	− 2·56	0		0	− 2·8	7·0		0	2	4	16	9	0	0	0	0	0	0	0	0	14	15	2	0	0	Chittagong
+ 2·3	4·0	0·05	− 2·60	0·03	15	0	− 3·4	7·4	+ 4·7	0	0	4	6	14	6	0	1	0	0	0	1	3	18	7	2	0	0	Noakhali
+ 4·6	6·1	0·89	− 2·06	0·48	16	4	+ 0·3	6·4		0	0	1	4	19	3	0	0	4	0	1	0	2	19	6	0	0	3	Comilla
	2·7	2·44	− 1·28	1·31	19	2	− 2·4	5·7		0	0	1	10	15	5	0	0	0	0	0	0	4	15	9	1	0	2	Brahmanbaria
+ 2·4	4·5	0·08	− 2·61	0·08	31	0	− 3·6	5·6	+ 2·4	0	0	0	4	16	7	4	0	0	0	0	0	4	18	3	3	2	1	Narayanganj
− 0·7	2·4	0	− 2·09	0		0	− 3·5	3·3	+ 1·5	0	7	3	10	3	5	1	0	2	0	4	1	6	0	4	9	0	7	Mymensingh
+ 1·4	1·5	0·20	− 2·13	0·20	16	1	− 2·2	7·2		0	0	0	14	17	0	0	0	0	1	0	1	6	12	3	2	2	4	Faridpur
+ 0·9	2·7	0·17	− 2·05	0·17	16	1	− 2·6	5·8	+ 3·6	0	0	0	4	17	6	0	2	2	0	1	0	6	13	9	0	0	2	Barisal
+ 2·2	3·0	0·20	− 2·20	0·20	28	1	− 1·5	5·6		1	0	0	0	6	17	5	0	2	1	0	0	6	13	6	2	0	3	Khulna
− 0·4	1·0	0	− 2·11	0		0	− 3·2	6·2	+ 4·2	0	0	0	0	16	12	0	1	2	0	0	0	0	13	3	1	0	14	Jessore
+ 1·5	2·2	0	− 1·32	0		0	− 2·2	4·1		0	1	0	0	14	11	3	2	0	0	2	0	1	14	5	1	1	7	Satkhira
− 0·5	2·2	0·52	− 0·92	0·28	16	2	− 0·4	3·7	+ 0·1	0	1	0	0	2	23	2	0	3	0	0	0	1	14	10	0	1	5	Calcutta
+ 0·1	3·0	0	− 1·43	0		0	− 2·0	13·3	+ 4·0	0	1	0	0	12	14	2	0	2	0	0	0	3	23	5	0	0	0	Saugor Island
− 1·0	1·7	0	− 0·66	0		0	− 1·0			0	0	0	0	4	21	5	1	0	0	0	0	0	7	23	1	0	0	Sandheads
− 0·4	3·2	0·08	− 1·35	0·08	18	0	− 2·5	2·5	− 0·2	1	1	0	1	13	4	0	1	10	4	0	2	3	6	1	4	6	5	Midnapore
− 1·7	2·0	0	− 1·67	0		0	− 2·6	2·4		1	0	1	2	8	6	4	6	3	3	0	0	0	1	2	7	8	10	Burdwan
− 0·7	2·2	0	− 1·82	0		0	− 2·4	3·9		0	0	0	2	9	14	2	0	4	0	0	0	0	2	5	5	1	18	Krishnagar
− 0·8	1·7	0	− 1·05	0		0	− 1·9	4·7		2	0	1	0	1	4	6	10	7	0	0	0	0	0	1	13	13	4	Asansol
− 1·1	1·8	0	− 1·07	0		0	− 2·0	2·5	+ 0·3	0	1	0	4	10	7	3	1	5	0	0	0	1	2	7	7	9	5	Berhampore
+ 0·3	1·2	0	− 1·24	0		0	− 2·1	3·5	+ 1·5	0	0	6	3	5	13	3	1	0	0	0	0	0	0	11	13	2	0	Bogra
− 0·2	1·1	0	− 0·71	0		0	− 1·3	3·5[c]		3	3	2	2	5	8	3	0	5	4	2	1	0	0	2	6	14	2	Malda
− 0·8	1·1	0	− 0·75	0		0	− 1·5	2·6	− 0·4	0	13	3	0	0	6	1	2	6	0	1	0	0	0	4	14	6	6	Dinajpur
+ 0·2	2·1	0·08	− 1·28	0·06	21	0	− 2·4	4·5	+ 2·9	3	6	18	1	0	0	1	0	2	4	12	4	1	0	0	6	0	4	Jalpaiguri
																												Addenda for Jan.
+ 1·0	2·5	0	− 0·20	0		0	− 0·3	2·5	+ 1·2	9	1	0	1	1	0	3	12	4	2	0	0	0	0	0	3	3	23	Toungoo
																												Addenda for Feb.
+ 1·0	3·4	0·04	− 0·14	0·03	10	0	− 0·3	2·0	+ 0·6	6	1	2	1	0	0	3	10	5	0	3	2	1	2	0	0	1	19	Toungoo

c—Mean of 28 days. d—Mean of 27 days.

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Relative humidity %		
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Orissa																						
Balasore ...	65	29·720	−·090	29·588	98·0	+ 5·7	105	11	73·1	+3·8	65	1	80·4	88·2	73·2	75·8	·716	+·044	·727	69	− 6	57
Chandbali ...	20	29·784	−·079	29·663	97·4	+ 3·8	103	11, 28	73·1	+2·6	63	1	78·5	87·9	75·5	75·4	·826		·698	86	+ 4	53
Puri ...	20	29·791	−·068	29·680	85·2	- 1·3	89	29, 30	78·8	+3·5	70	1	81·2	82·3	77·9	78·2	·910	+·083	·903	86	+ 3	82
Gopalpur ...	56	29·737	−·083	29·631	87·0	+ 0·2	91	28	75·5	+2·4	66	2	80·4	82·7	75·3	77·8	·799	+·057	·889	77	− 1	76
Cuttack ...	87	29·723	−·067	29·594	100·0	+ 3·4	107	29	72·1	−0·3	62	2	79·8	92·0	74·7	74·5	·799	+·083	·630	78	0	42
Angul ...	455	29·334	−·089	29·189	100·0	+ 5·0	105	12,22,30	71·6	+4·0	61	1	77·6	96·4	67·6	67·9	·549	−·019	·301	58	− 7	18
Sambalpur ...	486	29·316	−·076	29·172	100·0	+ 4·2	106	30	68·3	+1·2	59	1, 2	77·3	97·4	65·7	68·5	·484	−·004	·318	52	− 4	17
Chota Nagpur																						
Jamshedpur ...	423	29·348			98·9		105	30, 31	66·0		59	1, 2, 9	76·4		63·3		·401			46		
Chaibasa ...	742	29·040	−·075	28·900	98·7	+ 4·2	105	31	69·8	+4·2	60	1, 2	77·0	96·1	69·2	78·6	·600	+·111	·752	66	+ 5	45
Ranchi ...	2,152	27·650	−·063	27·553	92·5	+ 5·5	98	24	66·7	+3·1	57	1	76·8	88·7	59·0	61·3	·276	−·057	·194	29	− 16	18
Hazaribagh ...	2,006	27·791	−·055	27·697	92·0	+ 4·1	97	4 days	64·9	+1·4	55	1, 15	76·9	87·4	61·0	64·5	·337	+·024	·329	35	− 6	24
Daltonganj ...	725	29·063	−·078	28·936	95·5	+ 5·0	102	30	62·3	+2·9	53	14, 15	71·9	93·7	60·1	64·1	·357	−·048	·201	47	− 13	13
Bihar																						
Purnea ...	124	29·631	−·109	29·501	93·5	+ 4·2	101	24, 31	60·4	+0·4	52	15	71·2	89·5	61·7	65·5	·428	−·049	·295	56	− 12	25
Darbhanga ...	161	29·595	−·102	29·463	92·8		100	24, 31	62·1		55	15	73·1	89·3	62·4	67·9	·415		·395	53		29
Motihari ...	220	29·519	−·111	29·405	92·3	+ 4·0	100	27	58·9	+0·8	51	15	69·8	90·0	59·8	65·9	·384	−·080	·316	54	− 16	28
Patna ...	173	29·582	−·106	29·463	93·9	+ 4·4	100	24	66·1	+2·2	57	14	74·7	91·2	60·0	65·4	·324	−·088	·268	39	− 13	20
Gaya ...	372	29·392	−·102	29·273	98·0	+ 5·7	104	30	70·0	+4·3	62	14	79·5	95·2	61·7	67·2	~~·321~~	~~−·112~~	·285	32	− 21	18
Naya Dumka ...	489	29·265	−·104	29·145	98·0	+ 6·8	105	31	66·5	+1·9	58	15	78·0	92·9	63·8	67·4	·408	−·001	·318	43	− 7	23
Sabour ...	122	29·630		29·509	94·0		102	31	60·4		51	14	73·4	89·8	62·8	68·5	·434		·421	54		30
United Provinces, East																						
Gonda ...	360	29·401		29·297	94·1		103	30	61·2		53	15	71·3	90·6	58·5	65·5	·336		·282	43		21
Gorakhpur ...	257	29·493	−·097	29·384	94·9	+ 5·3	103	30	65·0	+3·4	57	2, 15	73·2	91·4	59·3	64·5	·313	−·093	·255	41	− 16	18
Benares ...	250	29·517	−·101	29·410	95·3	+ 3·7	103	30	64·3	+3·0	56	14	75·2	93·7	59·6	64·3	·310	−·108	·201	35	− 20	19
Allahabad ...	309	29·467	−·094	29·356	95·4	+ 3·5	104	30	64·1	+2·4	56	14	74·3	93·6	58·4	64·2	·269	−·090	·207	34	− 13	17
Fatehpur ...	375	29·400		29·284	96·3		105	30	62·3		51	14, 15	75·1	93·3	60·2	67·8	·317		·341	37		23
Cawnpore ...	416	29·356	−·091	29·263	96·9	+ 7·0	105	30	66·2	+5·7	58	14	73·0	93·2	57·5	64·6	·259	−·094	·235	34	− 15	15
Lucknow ...	371	29·386	−·106	29·289	95·5	+ 4·9	103	30	63·1	+2·8	55	15	74·0	91·8	59·3	66·1	·306	−·063	·296	37	− 14	20
Bahraich ...	407	29·330	−·109	29·237	93·4	+ 5·6	103	30	61·3	+2·4	52	14	69·6	90·8	59·2	65·2	·359	−·054	·275	51	− 10	20
United Provinces, West																						
Jhansi ...	824	28·972	−·091	28·867	96 0	+ 3·5	102	30	65·7	+0·3	56	14	76·2	93·4	57·1	62·7	·212	−·121	·167	24	− 18	10
Agra ...	554	29·238	−·085	29·134	93·5	+ 4·0	100	5	59·1	+4·2	50	13, 14	71·6	91·2	56·0	61·5	·242	−·043	·142	32	− 8	10
Mainpuri ...	516	29·263	−·084	29·165	93·8	+ 4·6	101	30	60·4	+1·8	51	14	73·0	90·7	60·2	67·1	·344	−·006	·345	44	− 8	23
Aligarh ...	615	29·154		29·063	90·5		98	29	61·2		53	13, 25	69·7	88·8	55·9	62·4	·262		·201	37		16
Bareilly ...	568	29·170	−·106	29·037	91·7	+ 4·7	99	30	61·1	+2·6	54	14	68·4	88·8	59·0	66·2	·372	−·018	·337	54	− 8	20
Roorkee ...	899	28·856	−·092	28·769	87·0	+ 2·8	95	29	55·4	+0·1	46	14	65·9	84·8	57·2	61·9	·352	+·003	·248	56	− 6	21
Dehra Dun ...	2,239	27·533	−·074	27·469	83·1	+ 3·8	90	29	55·1	+0·5	47	8	63·3	80·9	54·2	59·7	·306	−·011	·256	52	− 6	24
Punjab, East and North																						
New Delhi ...	719	29·054	−·091	28·963	89·8		98	29	59·6		52	14	66·6	88·6	56·1	63·0	·309		·234	48		17
Hansi ...	711	29·061			90·2		97	5	57·3		48	25	67·2		55·8		·295			45		
Hissar ...	725	29·066	−·074	28·965	90·3	+ 1·1	97	5, 29	58·2	+0·8	49	25	71·8	86·8	57·7	62·9	·295	−·022	·228	38	− 13	13
Ambala ...	892	28·879	−·077	28·800	88·4	+ 5·0	98	29	58·3	+2·3	48	14	65·7	83·8	56·1	61·2	·322	−·039	·236	52	− 11	21
Ludhiana ...	812	28·961	−·086	28·894	86·9	+ 4·0	96	29	55·8	−1·2	47	13,14,25	65·1	83·9	56·4	62·2	·335	−·017	·268	56	− 6	23
Lahore ...	702	29·074	−·092	29·001	83·9	+ 1·0	93	29	56·1	+3·2	45	25	64·1	82·2	56·1	61·5	·342	+·001	·262	59	+ 1	26
Sialkot ...	830	28·949	−·088	28·864	80·9	+ 0·5	92	29	54·0	−0·6	46	25	62·6	78·9	55·4	61·9	·339	−·035	·328	61	− 8	36
Rawalpindi ...	1,674	28·114	−·090	28·052	75·0	0	88	29	50·4	+0·1	45	23,25,26	59·5	73·2	51·6	56·3	·289	−·038	·238	56	− 13	31
Punjab, Southwest																						
Khushab ...	612	29·188	−·095	29·094	83·6	+ 3·0	91	29	55·9	− 0·2	47	24	64·5	82·2	54·3	59·9	·284	−·043	·217	48	− 8	25
Lyallpur ...	605	29·179	−·083	29·108	82·8	+ 0·5	93	30	54·6	+ 1·0	47	24, 25	64·3	80·7	55·6	61·3	·335	−·020	·276	55	− 9	29
Montgomery ...	558	29·284	−·083	29·152	84·0	0	93	29	56·0	+ 0·3	44	25	63·0	83·1	56·2	68·1	·355	+·023	·482	64	+ 9	44
Multan ...	413	29·399	−·077	29·299	86·2	+ 2·4	94	28	56·6	− 0·5	47	25	65·1	84·5	55·6	62·0	·322	−·089	·255	52	− 15	24
Fort Abbas ...	475	29·319		29·218	90·0		98	4	57·3		49	24	69·6	87·3	57·2	63·3	·298		·254	48		29
Bahawalpur ...	384	29·420		29·316	88·0		100	4	56·2		46	25	66·1	85·9	56·6	64·2	·338		·308	53		27
Khanpur ...	297	29·507		29·399	90·5		98	4, 28	56·2		48	12	66·5	89·1	55·6	63·5	·302		·284	47		19

ud amount ths of sky).		Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																		STATION.
										8 hrs. L. M. T.										17 hrs. I. S. T.								
Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																												Orissa
+ 0·8	4·6	0·78	− 1·20	0·69	16	1	− 2·3	7·1	+ 3·6	0	1	0	2	9	11	1	4	3	0	0	0	9	16	5	1	0	0	Balasore
	3·7	2·18	+ 0·90	1·34	15	3	+ 1·1	7·6		1	0	0	0	6	21	2	0	1	0	0	2	13	14	0	2	0	0	Chandbali
+ 1·4	2·1	0	− 0·55	0		0	− 1·1	16·0	+ 6·2	1	1	0	0	11	15	3	0	0	0	0	0	0	15	15	1	0	0	Puri
+ 1·8	3·7	0	− 0·54	0		0	− 1·1	14·5	+ 4·6	2	0	0	1	22	1	1	4	0	0	0	0	0	29	2	0	0	0	Gopalpur
− 0·3	4·6	0·02	− 1·09	0·02	15	0	− 1·6	4·3	+ 2·0	1	0	0	0	1	13	5	1	10	1	0	0	0	14	11	3	1	1	Cuttack
+ 0·4	5·5	0·14	− 0·85	0·14	31	1	− 1·2	4·6	+ 0·4	2	0	1	1	1	1	4	9	12	3	1	1	0	4	2	11	9	0	Angul
+ 0·2	2·7	0	− 0·94	0		0	− 1·8	2·8	+ 0·2	0	5	3	0	1	3	1	0	16	3	2	0	0	2	3	8	10	9	Sambalpur
		0·08		0·08	18	0		2·7		0	0	0	0	0	1	9	6	15										**Chota Nagpur**
																												Jamshedpur
+ 0·2	3·1	0	− 1·00	0		0	− 2·1	2·9	+ 1·2	1	1	0	0	1	18	4	0	6	2	1	0	0	1	11	6	4	6	Chaibasa
− 0·2	2·5	0	− 1·30	0		0	− 2·7	5·3	+ 0·3	4	0	0	3	5	5	6	5	3	8	1	0	0	0	0	4	18	0	Ranchi
− 1·3	1·3	0	− 1·04	0		0	− 2·0	6·8	+ 0·9	0	0	0	0	2	5	8	12	4	3	0	0	0	0	0	3	25	0	Hazaribagh
− 0·8	1·8	0	− 0·69	0		0	− 1·8	3·2	+ 0·4	0	0	4	2	6	2	2	1	14	1	0	0	0	0	1	19	10	0	Daltonganj
																												Bihar
− 1·2	0·7	0·02	− 0·53	0·02	18	0	− 1·2	3·8	+ 0·9	0	4	14	0	0	4	6	1	2	2	0	0	0	0	2	22	2	3	Purnea
− 0·7	0·6	0		0		0		2·3	− 0.6	0	4	7	0	0	0	8	0	12	0	0	0	0	0	1	11	0	19	Darbhanga
− 0·6	1·7	0	− 0·50	0		0	− 0·9	3·0		2	1	5	4	1	0	8	2	8	1	0	0	0	1	0	18	1	10	Motihari
− 1·2	0·9	0	− 0·47	0		0	− 1·1	5·8	+ 2·6	0	2	2	0	0	13	9	2	3	1	1	0	0	0	2	21	5	1	Patna
− 1·7	0·5	0	− 0·48	0		0	− 1·2	5·6	+ 2·6	0	1	1	5	5	8	9	1	1	2	2	0	0	0	2	6	19	0	Gaya
− 1·4	0	0	− 1·01	0		0	− 1·8	2·5	+ 0·8	0	1	0	1	0	6	1	6	16	0	2	0	0	0	9	1	12	6	Naya Dumka
	0·8	0	− 0·37	0		0	− 1·3	5·4		1	6	3	1	1	7	4	2	6	2	0	0	0	0	0	8	16	5	Sabour
																												United Provinces, East
	1·9	0		0		0		5·2		3	0	3	1	1	1	8	12	2	2	0	0	0	0	1	12	15	1	Gonda
− 0·7	1·6	0	− 0·39	0		0	− 0·8	3·7		1	1	4	1	1	3	10	4	6	1	0	0	0	0	1	24	1	4	Gorakhpur
− 1·6	1·7	0	− 0·36	0		0	− 0·9	6·7	+ 3·5	2	0	0	1	4	13	10	1	0	0	1	0	0	0	3	20	7	0	Benares
− 1·2	1·7	0	− 0·31	0		0	− 0·8	6·5	+ 3·1	1	0	0	0	1	6	16	1	6	0	0	0	0	0	2	15	12	2	Allahabad
	1·3	0		0		0		4·4		1	0	1	0	0	4	11	11	3	2	1	0	0	0	1	5	22	0	Fatehpur
− 0·7	0·6	0	− 0·30	0		0	− 0·8	4·2	+ 1·4	2	0	0	0	3	4	12	8	2	5	0	0	0	0	0	14	12	0	Cawnpore
− 1·3	1·2	0	− 0·35	0		0	− 1·0	1·3	− 1·1	0	0	0	0	1	3	14	1	12	2	0	0	0	0	0	17	2	10	Lucknow
+ 0·2	2·5	0	− 0·49	0		0	− 0·9	1·2	− 1·4	0	0	2	1	0	0	8	5	15	1	0	0	0	0	1	10	8	11	Bahraich
																												United Provinces, West
+ 0·2	1·6	0	− 0·29	0		0	− 0·9	4·1	+ 1·2	2	1	1	0	2	13	6	4	2	0	3	0	0	0	4	13	10	1	Jhansi
− 0·1	2·8	0	− 0·35	0		0	− 1·0	4·0	+ 0·4	2	0	0	0	2	5	8	8	6	3	1	0	0	0	3	4	16	4	Agra
0	3·0	0	− 0·32	0		0	− 0·9	3·3	+ 1·3	1	0	1	0	1	9	10	2	7	1	0	0	0	0	11	12	3	4	Mainpuri
	1·5	0		0		0		4·5		7	0	1	1	1	2	10	8	1	9	2	1	0	1	0	5	11	2	Aligarh
− 0·2	3·0	0	− 0·68	0		0	− 1·4	4·5	+ 2·2	2	1	3	0	0	1	12	6	6	3	1	0	0	0	0	19	8	0	Bareilly
+ 0·7	2·6	0·03	− 0·82	0·02	18	0	− 1·7	3·0	+ 0·7	2	1	1	1	1	1	0	16	8	1	0	0	3	2	3	1	18	3	Roorkee
− 0·4	2·9	0·05	− 1·20	0·04	11	0	− 2·8	2·8	+ 1·3	5	0	0	1	1	5	8	5	6	1	0	0	1	1	13	11	2	2	Dehra Dun
																												Punjab, East and North
+ 0·1	2·9	0·60	+ 0·08	0·60	19	1	− 0·4	3·3	+ 0·3	1	0	0	0	0	8	10	4	8	2	1	2	0	0	4	3	14	5	New Delhi
		0·02		0·02	17	0				1	0	3	0	0	3	3	1	20										Hansi
+ 0·3	2·4	0·04	− 0·34	0·04	17	0	− 1·1	4·9	+ 0·6	5	0	4	4	4	4	3	5	2	9	1	3	1	0	3	4	8	2	Hissar
+ 1·0	3·4	0·18	− 0·72	0·10	18	1	− 1·1	5·0	+ 1·7	2	1	3	3	0	2	5	15	0	1	0	2	2	1	4	10	8	3	Ambala
0	2·3	0·22	− 0·84	0·22	17	1	− 1·1	2·9	+ 1·3	4	3	1	3	2	0	5	6	7	2	2	3	1	1	3	1	17	1	Ludhiana
− 0·6	3·6	0·14	− 0·72	0·10	19	1	− 0·9	2·8	+ 0·7	5	5	3	0	0	0	4	6	8	2	2	1	1	1	1	8	12	3	Lahore
− 1·2	2·3	0·20	− 1·38	0·20	19	1	− 2·2	2·7	+ 1·1	1	9	2	2	0	1	0	13	3	0	4	0	1	0	11	0	11	4	Sialkot
− 0·6	4·3	0·81	− 1·63	0·46	19	3	− 1·7	4·3	+ 1·9	2	4	0	0	0	5	5	6	9	0	4	0	1	0	6	8	11	1	Rawalpindi
																												Punjab, Southwest
+ 0·6	5·0	0·39	− 0·76	0·17	22	2	− 0·6	5·4	+ 1·4	4	5	4	1	1	3	0	0	13	4	6	3	4	4	4	2	3	1	Khushab
− 1·0	4·5	0·29	− 0·21	0·25	19	1	− 0·4	2·2	+ 0·1	2	5	4	1	1	4	1	7	6	0	2	2	1	0	2	2	9	13	Lyallpur
− 1·5	1·9	0·18	− 0·31	0·18	19	1	− 0·5	1·2	− 2·9	1	3	0	1	0	0	1	1	24	0	1	2	1	1	0	1	1	24	Montgomery
− 0·8	2·5	0·02	− 0·41	0·02	19	0	− 1·1	4·0	+ 2·7	14	3	1	2	1	2	0	6	2	7	6	2	0	9	4	0	2	1	Multan
	3·9	0		0		0		7·2		6	4	6	5	3	1	4	1	1	7	2	4	0	1	3	11	3	0	Fort Abbas
	1·7	0·17	− 0·22	0·11	17	1	+ 0·3	3·3		4	10	4	3	2	2	1	1	4	3	8	1	2	1	4	5	1	6	Bahawalpur
	3·0[a]	0·04	− 0·41	0·04	17	0	− 0·7	5·0		10	7	2	4	0	2	1	0	5	5	6	0	3	1	4	4	5	3	Khanpur

a—Mean of 30 days.

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature. °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Relative humidity %		
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Kashmir																						
Srinagar ...	5,205	24·853	- ·042	24·793	51·6	- 4·6	65	28, 29	36·6	- 0·1	32	1,14,16	41·4	50·6	39·6	44·4	·224	- ·001	·219	87	- 2	65
Gulmarg ...								Closed	during	winter	mo	nths.										
Muzaffarabad ...	2,343	27·446	- ·096		67·7	- 3·2	82	28	48·6	+ 0·5	44	1, 23	52·8		49·4		·300	+ ·010		78	+ 8	
Dras ...	10,059	20·763	+ ·009		27·2	- 4·4	35	5	11·8	+ 8·9	-10	14	17·8		16·0		·077	- ·006		79	-12	
Leh ...	11,503	19·610	- ·024		40·0	- 4·5	48	27, 29	20·4	- 0·5	8	14	25·7		22·4		·092	+ ·012		66	+13	
Skardu ...	7,505				44·3	- 5·6	59	31	30·1	- 2·3	18	2	33·7		31·9		·160	- ·006		85	+10	
Gilgit ...	4,890				59·7	- 2·2	72	29	44·6	- 0·2	40	1, 7	48·1		41·9		·198	+ ·028		60	+12	
N.-W. F. Province																						
Peshawar ...	1,164	28·670	- ·087	28·597	74·2	- 0·3	82	29, 31	50·0	- 2·1	43	7, 14	60·7	72·7	54·2	60·0	·333	+ ·008	·362	64	- 1	46
Miranshah ...	3,026				69·0		77	6	49·2		41	19	54·5		45·9		·206			51		
Dera Ismail Khan...	570	29·248	- ·073	29·154	81·1	- 0·7	89	29, 31	54·0	- 1·1	47	14	64·4	79·5	55·6	62·4	·329	- ·036	·328	56	-10	36
Baluchistan																						
Fort Sandeman ...	4,614	25·335	- ·076	25·266	69·5	- 2·4	81	4	45·4	0	37	24	49·0	68·7	41·9	49·9	·186	- ·021	·142	55	+ 4	23
Sibi ...	441	29·360			88·8		93	6 days	62·9		52	24	70·4		54·3		·205			30		
Quetta ...	5,540	24·528	- ·069	24·462	64·9		76	4	40·9		29	24	50·4	62·6	43·4	48·0	·204		·184	57		32
Chaman ...	4,311	25·616	- ·072	25·559	68·9	+ 2·0	79	31	49·4	+ 3·3	37	22	58·1	67·6	47·4	51·8	·202	- ·012	·204	44	- 7	31
Kalat ...	6,616	23·589	- ·039		63·6	+ 1·5	74	31	37·9	+ 4·9	27	23, 24	48·7		40·0		·159	- ·043		47	-21	
Dalbandin ...	2,780	27·047	- ·085	26·953	79·5	+ 0·5	89	31	49·2	+ 0·9	37	23	61·3	78·2	49·1	57·1	·199	- ·048	·204	35	-17	20
Nokkundi ...	2,229	27·555		27·452	82·2		92	31	55·0		46	24	65·8	81·1	53·6	62·0	·268		·318	43		31
Las Bela ...	292	29·541		29·400	94·3		105	3					73·1	92·0	65·4	72·3	·516		·521	65		33
Ormara ...	15	29·841		29·740	83·1		89	16, 26	67·3		59	24	72·7	80·2	67·5	68·9	·593		·553	77		50
*Pasni ...	10																					
Panjgur ...	3,177	26·680	- ·069	26·583	80·8	+ 2·1	89	3	51·6	+ 1·6	41	24	60·3	79·1	53·1	65·3	·321	+ ·049	·454	61	+ 2	50
Gwadar ...	39	29·821		29·727	82·7		88	3, 4	67·3		57	25	72·6	80·1	67·8	69·4	·616		·566	77		57
Sind																						
Jacobabad ...	186	29·617	- ·084	29·512	92·2	+ 1·6	99	3, 5	61·4	+ 1·6	52	24	69·5	91·1	57·6	67·3	·322	+ ·002	·339	44	- 2	28
Sukkur ...	221	29·578			90·3		96	3,4,16	62·8		54	24	67·2		57·2		·332			51		
Naushahro ...	140	29·659		29·542	94·7		104	3	61·5		50	24	70·3	92·5	58·3	64·5	·322		·242	45		18
Chhor ...	19	29·800		29·683	98·4		105	31	62·1		53	23	72·6	95·1	65·3	71·0	·516		·434	68		27
Hyderabad ...	96	29·738	- ·064	29·631	95·5	+ 3·2	105	3	65·9	+ 2·1	56	23	73·8	93·5	62·3	65·3	·401	+ ·004	·242	50	- 2	10
Karachi (Drigh Road)	77	29·766		29·670	89·1		96	1	64·4		56	23, 24	71·9	84·5	64·9	67·4	·523		·432	70		38
Karachi (Manora)...	13	29·828	- ·086	29·742	80·9	- 1·3	93	26	69·4	+ 1·2	62	23	73·4	78·6	69·2	72·8	·654	+ ·073	·729	80	+ 9	78
Badin ...	86	29·789		29·671	96·7		102	3, 17	63·7		56	23, 24	74·0	93·4	65·6	66·1	·524		·270	63		10
Rajputana, West																						
Sri Ganganagar ...	580	29·199		29·112	87·5		96	29	53·7		43	25	65·6	85·2	55·5	60·7	·300		·209	50		19
Bikaner ...		29·049	-.075	28·947	92·0		100	4	59·1		47	26	70·3	90·2	54·1	61·6	·205		·174	28		15
Jodhpur ...	780	29·083	- ·071	28·914	95·2	+ 4·3	101	4, 17	66·4	+3·7	63	7,12,14	72·8	93·5	57·7	65·6	·282	+ ·043	·263	35	+ 3	15
Barmer ...	638	29·165		29·053	95·2		101	4 days	67·6		57	22	74·5	93·9	63·0	68·2	·421		·341	50		24
Rajputana, East																						
Jaipur ...	1,431	28·372	- ·081	28·278	91·0	+ 3·0	98	29	62·3	+ 3·6	55	7	74·3	89·1	56·3	61·1	·225	- ·041	·187	26	-11	11
Ajmer ...	1,593	28·205	- ·092	28·104	89·5	+ 1·3	96	17	63·6	+ 3·3	53	14	73·5	88·0	56·4	60·6	·238	- ·087	·194	28	-20	15
Kotah ...	843	28·963	- ·087	28·841	96·2	+ 3·5	102	29	68·2	+ 2·3	60	14, 15	78·6	94·0	60·7	69·3	·296	+ ·010	·378	30	- 4	24
Brijnagar ...	1,053	28·747		28·620	96·1		101	29	64·1		53	13	74·9	94·5	56·7	62·9	·225		·182	26		11
Gujarat																						
Deesa ...	466	29·351	- ·077	29·243	96·7	+ 0·9	102	17, 28	63·9	+ 0·8	54	13	76·1	95·6	61·1	66·6	·336	+ ·009	·272	40	0	16
Bhuj ...	343	29·495	- ·068	29·392	95·5	+ 2·6	102	18	66·5	+ 1·7	60	23, 24	74·1	93·4	63·1	65·2	·426	- ·071	·242	53	- 8	15
Dwarka ...	37	29·826	- ·072	29·740	82·0	+ 0·1	93	26	71·9	+ 1·4	65	24	75·6	78·8	70·1	72·5	·658	+ ·012	·722	75	+ 1	77
Jamnagar ...	60	29·794	- ·074		90·9	+ 0·9	97	27,28,31	66·3	+ 2·9	62	9, 10	74·1		68·3		·603	+ ·034		73	+ 5	
Rajkot ...	432	29·413	- ·061	29·294	97·4	+ 2·5	103	27, 28	64·2	+ 2·3	58	24	73·9	94·1	64·2	64·7	·468	- ·016	·221	58	- 3	15
Veraval ...	19	29·835	- ·058	29·735	86·2	+ 1·3	100	2	67·3	+ 1·8	63	23	75·4	80·0	68·2	74·6	·590	+ ·065	·792	70	+ 5	77
Surat ...	39	29·801	- ·071	29·687	97·1	+ 1·2	105	25	69·9	+ 3·5	66	6, 12	76·1	94·3	67·2	72·0	·540	- ·006	·480	61	- 1	33
Bhavnagar ...	55	29·798	- ·064	29·659	98·3	+ 3·2	103	10	68·8	+ 3·0	64	21,23,24	76·6	96·6	63·0	70·1	·394	- ·070	·376	44	-11	24
Ahmadabad ...	163	29·681	- ·065	29·542	98·0	+ 1·1	102	18,26,31	69·9	+ 2·7	65	13	76·4	96·3	64·0	66·9	·428	+ ·047	·265	48	+ 4	15
Dohad ...	1,093	28·726			97·4		103	17, 31	68·9		60	14	77·7		61·4		·316			35		
Baroda ...	115	29·728		29·593	99·2		105	17	62·5		56	14, 15	75·4	97·7	63·5	68·1	·414		·288	50		15

*Register not received.

ud amount ths of sky).		Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																		STATION.
										8 hrs. L. M. T.										17 hrs. I. S. T.									
Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																												Kashmir
+ 0·6	6·9	3·49	− 0·14	0·58	17, 19	9	+ 1·0	4·1	+ 1·0	0	1	1	6	4	0	10	6	3	2	0	1	2	3	1	S	11	3	Srinagar
																												Gulmarg
− 1·8		5·30	+ 0·33	1·24	19	11	+ 3·0	3·5	+ 1·8	1	0	0	0	4	1	0	0	25										Muzaffarabad
+ 1·3		13·20	+ 9·00	1·93	17	14	+ 3·2	1·9	+ 1·2	0	0	0	0	0	0	0	0	31										Dras
− 0·7		0·52	+ 0·24	0·15	20	4	+ 3·0	2·7	+ 0·9	7	10	1	0	0	5	1	0	7										Leh
+ 1·5		2·08	+ 1·25	0·55	13	8	+ 5·2	2·4	− 1·2	0	0	1	0	0	2	4	0	24										Skardu
0		0·84	+ 0·34	0·37	19	3	+ 1·4	0·9	− 0·8	0	0	0	0	0	0	0	0	31										Gilgit
																												N.-W. F. Province
− 1·7	4·9	2·61	+ 0·36	1·42	19	5	+ 0·6	2·7	+ 0·5	1	1	1	3	1	5	3	4	12	12	3	2	2	0	0	0	8	4	Peshawar
		2·95		0·80	16	7		5·5		1	4	1	3	0	5	2	9	6										Miranshah
+ 0·4	4·2	1·19	+ 0·17	0·51	19	4	+ 1·7	2·3	+ 0·8	4	3	1	1	0	0	2	2	18	4	4	2	1	1	0	0	2	17	Dera Ismail Khan
																												Baluchistan
+ 1·2	4·7	2·38	+ 1·17	0·75	17	5	+ 2·2	3·4	+ 0·1	0	0	0	0	1	0	0	0	30	3	2	0	0	1	4	5	1	15	Fort Sandeman
		0		0		0		4·1		5	6	6	2	1	1	1	3	6										Sibi
+0·5	5·2	1·17		0·63	17	2		7·5		6	2	1	4	9	1	2	4	2	6	1	0	0	5	4	9	6	0	Quetta
−0·2	3·1	0·59	− 1·06	0·22	17, 19	2	− 2·5	7·3	+ 1·4	1	3	9	8	3	3	0	1	3	0	0	0	2	6	12	7	4	0	Chaman
	0	0·20	− 0·87	0·12	16	1	− 2·2	6·8	+ 1·5	1	0	0	5	17	1	0	1	6										Kalat
−0·5																												
−0·8	3·7[a]	0	− 0·40	0		0	− 1·6	3·6	− 0·9	1	3	4	0	2	1	1	0	19	0	1	2	2	5	7	6	1	7	Dalbandin
	2·5	0		0		0		7·2		4	3	5	5	2	3	0	3	6	4	0	1	6	3	3	2	7	5	Nokkundi
	2·3[b]	0		0		0		2·8		3	0	1	0	0	2	0	5	20	0	0	0	2	15	10	1	1	2	Las Bela
	1·9	0		0		0		11·7		1	3	4	1	0	5	7	3	7	0	1	0	2	1	12	13	1	1	Ormara
																												*Pasni
−0·3	1·4	0	− 0·50	0		0	− 1·2	7·5	+ 2·4	7	14	4	0	0	2	1	0	3	5	1	0	0	3	12	5	4	1	Panjgur
	2·8	0		0		0		7·9[c]		2	1	2	1	0	4	14	2	5	0	0	1	1	3	19	6	0	1	Gwador
																												Sind
+ 0·2	3·2	0·12	− 0·12	0·06	18	0	− 0·7	4·7	+ 2·0	2	5	5	9	0	1	0	5	4	0	4	0	10	4	8	0	5	0	Jacobabad
		0		0		0		4·7		4	4	2	15	0	2	0	0	4										Sukkur
	1·4	0	− 0·21	0		0	− 0·5	2·1		4	6	2	0	1	4	3	10	1	3	4	2	0	3	8	4	5	2	Naushahro
	2·2	0		0		0		6·6		1	3	2	1	9	8	2	0	5	3	1	1	0	4	16	4	2	0	Chhor
− 0·3	2·0	0	− 0·24	0		0	− 0·6	5·7	+ 0·4	7	1	0	0	3	7	6	3	4	3	3	1	1	5	10	4	2	2	Hyderabad
	2·7	0		0		0		10·0		2	3	1	0	1	2	10	2	10	1	1	1	0	1	18	9	0	0	Karachi (Drigh Road)
+ 0·2	2·2	0	− 0·33	0		0	− 0·7	9·3	+ 1·1	5	1	1	0	0	5	12	6	1	0	0	0	0	1	17	13	0	0	Karachi (Manora)
	1·1	0		0		0		6·6[h]		3	2	0	0	1	9	13	3	0	2	2	1	1	0	8	13	2	2	Badin
																												Rajputana, West
	2·8[a]	0·10		0·05	17	0				7	4	7	3	4	3	0	1	2	7	3	2	1	0	3	5	9	1	Sri Ganganagar
+ 0·1	2·9	0		0		0		3·8	− 0·2	0	3	6	7	3	6	2	1	3	5	1	1	0	0	6	11	6	1	Bikaner
− 1·1	2·3	0	− 0·09	0		0	− 0·2	5·7	+ 2·7	1	8	2	1	2	10	1	0	6	5	4	0	0	0	10	9	2	1	Jodhpur
	1·7	0		0		0		7·4		3	5	2	1	2	2	6	7	3	2	5	1	2	2	5	10	4	0	Barmer
																												Rajputana, East
− 1·5	1·7	0	− 0·37	0		0	− 0·9	2·7	− 1·6	3	1	5	0	0	0	4	4	14	0	0	0	0	0	5	14	8	4	Jaipur
− 0·8	2·1	0	− 0·19	0		0	− 0·7	3·0	− 0·1	0	5	1	0	1	5	3	1	15	1	0	0	0	0	5	12	4	9	Ajmer
+ 0·2	2·4	0·16	+ 0·04	0·16	29	1	+ 0·7	2·7	+ 0·3	0	0	2	0	0	2	6	6	15	3	2	1	0	0	1	6	15	3	Kotah
	1·8	0		0		0		3·9		2	4	3	3	0	2	7	5	5	2	5	0	0	0	3	10	11	0	Brijnagar
																												Gujarat
+ 0·1	1·5	0	− 0·08	0		0	− 0·2	2·8	− 3·2	3	4	1	0	0	1	1	1	20	1	2	0	0	1	7	10	3	7	Deesa
− 1·0	1·0	0	− 0·12	0		0	− 0·2	5·4	− 0·7	2	1	0	0	0	5	8	2	13	3	4	1	0	1	5	10	6	1	Bhuj
− 0·3	1·4	0	− 0·20	0		0	− 0·4	10·4	+ 1·1	4	2	0	0	0	3	11	10	1	0	0	0	0	0	1	20	10	0	Dwarka
+ 1·6		0	− 0·15	0		0	− 0·2	4·5	− 4·3	2	1	1	0	0	5	8	3	11										Jamnagar
+ 1·1	2·6	0	− 0·07	0		0	− 0·1	8·2	+ 2·4	3	5	1	0	1	2	7	11	1	4	3	1	0	0	2	5	16	0	Rajkot
+ 0·2	1·1	0	− 0·07	0		0	− 0·2	5·4	− 1·2	10	2	0	2	0	1	1	14	1	0	0	0	0	1	1	9	20	0	Veraval
+ 0·6	1·6	0	− 0·02	0		0	− 0·1	4·6	+ 1·0	5	4	4	4	4	3	1	3	3	4	0	0	0	3	8	9	7	0	Surat
+ 0·2	1·9	0	− 0·10	0		0	− 0·2	4·7	− 0·4	4	1	0	0	1	1	7	15	2	2	1	7	10	3	2	2	2	2	Bhavnagar
− 0·2	1·1	0	− 0·08	0		0	− 0·3	4·2	+ 0·7	7	2	2	1	2	2	5	10	0	2	1	0	1	2	3	9	11	2	Ahmadabad
		0		0		0				0	2	5	0	3	2	11	0	8										Dohad
	1·3	0		0		0		2·0		4	2	0	0	4	5	2	3	11	2	0	0	0	0	4	9	9	7	Baroda

a—Mean of 30 days. *b*—Mean of 29 days. *c*—Mean of 28 days. *h*—Mean of 23 days.

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Relative humidity %		
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Central India, West																						
Neemuch ...	1,626	28·184	−·083	28·095	93·7	+ 2·9	98	17, 28	64·9	+3·8	56	14	77·4	92·1	57·6	63·8	·216	−·089	·214	23	−16	15
Indore ...	1,823	28·005	−·065	27·891	94·7	+ 2·5	99	4 days	63·9	+3·4	53	14	76·5	93·6	57·8	62·7	·236	−·096	·161	26	−14	10
Bhopal ...	1,643	28·179		28·058	95·4		100	28,30,31	66·3		55	14	76·9	93·9	58·5	63·8	·253		·194	27		12
Guna ...	1,571	28·232		28·127	95·3		102	29	62·0		50	13	75·5	92·7	58·6	65·5	·273		·255	31		18
Central India, East																						
Nowgong ...	750	29·051	−·072	28·933	96·1	+ 4·7	104	18	59·8	−0·5	51	14	74·3	94·0	61·0	69·7	·356	+·008	·402	42	− 7	25
Sutna ...	1,041	28·739	−·084	28·630	95·5	+ 5·2	104	30	62·4	+0·9	53	14	74·8	92·4	59·9	65·8	·317	−·006	·283	37	− 6	18
Umaria ...	1,500	28·285		28·176	94·4		103	30	62·1		51	14	75·7	91·4	59·8	64·2	·304		·234	35		17
Berar																						
Akola ...	925	28·883	−·069	28·736	100·9	+ 2·1	105	30, 31	69·5	+3·7	61	1, 2	77·8	98·7	61·2	68·0	·316	+·023	·274	34	+ 1	15
Amraoti ...	1,213	28·595	−·064		97·8	+ 0·2	102	30, 31	72·5	+3·4	64	2	79·1		60·7		·289	−·050		29	− 7	
Central Provinces, West																						
Khandwa ...	1,044	28·771	−·067	28·632	100·3	+ 3·1	106	31	67·5	+2·8	58	1	77·7	97·9	58·6	65·1	·246	−·044	·175	25	−10	10
Hoshangabad ...	992	28·819	−·077	28·673	97·7	+ 2·9	103	29,30,31	67·2	+5·8	59	14	75·7	96·8	58·8	65·8	·273	+·011	·223	31	− 1	13
Saugor ...	1,808	28·002	−·068	27·895	93·5	+ 2·8	99	18,29,30	67·7	+3·0	62	14	76·7	90·6	57·1	61·9	·205	−·067	·168	23	−12	12
Jubbulpore ...	1,289	28·507	−·069	28·392	96·6	+ 5·1	105	30	61·6	+2·8	53	14, 15	72·2	94·5	59·6	67·1	·350	+·006	·292	43	− 4	19
Seoni ...	2,027	27·799	−·057	27·689	95·8	+ 3·5	101	21, 30	66·1	+3·6	58	1, 14	77·5	90·7	59·9	65·1	·284	−·045	·275	31	−10	20
Nagpur ...	1,017	28·793	−·062	28·649	100·0	+ 2·6	105	30	68·7	+1·5	56	1	77·8	96·5	62·5	68·7	·368	+·020	·331	38	− 1	21
Central Provinces, East																						
Pendra ...	2,040	27·775	−·071	27·661	93·7	+ 8·2	100	30	67·2	+5·7	59	1, 14	78·7	89·1	59·9	63·2	·264	−·074	·227	27	−20	18
Raipur ...	970	28·816	−·082	28·693	99·5	+ 4·2	104	21, 31	71·9	+3·9	63	1	80·0	97·3	63·6	68·0	·375	+·002	·288	37	− 6	17
Kanker ...	1,318	28·489		28·372	96·6		103	30	69·1		55	1	77·1	94·1	65·6	68·6	·434		·365	52		23
Chanda ...	634	29·172	−·069	29·032	101·3	+ 2·1	105	20,21,30	70·4	+3·5	59	1	80·5	97·5	65·4	68·8	·416	−·012	·324	41	− 4	20
Jagdalpur ...	1,813	28·015	−·060	27·886	97·4	+ 3·0	100	5 days	67·3	+2·4	54	1	77·2	92·1	66·0	67·3	·491	−·027	·325	52	− 8	24
Konkan																						
Bombay ...	37	29·806	−·064	29·695	86·9	+ 1·1	91	1	73·5	+1·9	70	13	78·0	83·6	72·3	74·6	·715	+·022	·733	75	+ 1	64
Alibag ...	23	29·822			86·1		92	11	71·2		67	1, 13, 14	79·2		71·0		·650			66		
Ratnagiri ...	207	29·629	−·055	29·531	87·1	0	94	1	74·4	+2·4	69	13	79·9	83·5	72·4	75·3	·682	+·026	·758	69	+ 1	66
Marmagao ...	202	29·623	−·062	29·520	86·6		91	2	76·5		71	2, 14	80·0	84·5	74·3	76·6	·764		·818	76		68
Karwar ...	44	29·802	−·050	29·692	89·0	+ 1·6	92	1, 2, 31	72·6	+0·5	63	2	77·1	85·9	73·1	77·6	·756	+·034	·842	82	− 1	68
Bombay Deccan																						
Jalgaon ...	660	29·146			102·4		107	17	68·6		58	1	76·1		59·4		·279			32		
Malegaon ...	1,480	28·392	−·067	28·258	99·7	+ 2·1	103	10, 28	65·3	+2·2	58	6	79·6	97·3	67·4	76·1	·500	+·146	·612	50	+10	35
Ahmadnagar ...	2,154	27·699	−·050	27·566	96·9	+ 2·1	100	4 days	66·2	+3·7	58	1, 2	77·3	95·0	59·9	64·9	·284	−·086	·215	31	−10	14
Poona ...	1,834	28·017	−·048	27·878	98·0	+ 0·9	102	18	63·4	+1·3	55	13	74·2	93·5	61·8	66·1	·399	+·013	·294	47	− 5	21
Satara ...																						
Sholapur ...	1,570	28·254	−·053	28·108	99·3	+ 1·1	103	22	71·9	+2·8	63	1, 2	80·6	96·9	62·3	67·3	·308	−·014	·265	32	− 1	19
Miraj ...	1,824	28·036		27·886	96·4		101	22	67·6		60	13	77·2	95·2	63·6	67·6	·401		·314	44		20
Inchalkaranji ...	1,795	28·052			99·2		103	11	67·5		58	14	76·9		63·4		·394			44		
Bijapur ...	1,950	27·879	−·058	27·740	98·1	+ 1·1	101	4 days	72·0	+1·9	64	2	79·7	95·4	64·1	68·7	·388	−·066	·351	39	− 8	23
Belgaum ...	2,562	27·309	−·034	27·200	94·9	+ 1·2	98	5 days	65·9	+2·2	56	2	76·2	87·2	63·4	68·8	·401	+·018	·459	48	+ 2	38
Gadag ...	2,131	27·720		27·583	97·1		100	4 days	71·2		63	1	79·0	94·9	67·9	69·2	·536		·365	55		24
Hyderabad, North																						
Aurangabad ...	1,905	27·951	−·053		97·8	+ 1·9	101	31	70·5	+4·5	61	1	80·0		62·1		·315	+·019		32	+ 1	
Nizamabad ...	1,250	28·562	−·078		98·7	+ 0·4	103	21, 30	71·7	+3·4	63	1	79·6		66·5		·486	+·013		47	0	
Hyderabad, South																						
Gulbarga ...	1,503	28·315	−·057		99·6	+ 0·2	103	11,12,15	72·5	+2·0	64	1	80·8		67·7		·509	+·062		48	+ 4	
Raichur ...	1,311	28·486	−·068		99·0	+ 0·4	104	14, 15	76·0	+2·2	72	4 days	81·1		66·6		·466	−·024		46	− 1	
Hyderabad ...	1,709	28·122	−·039		98·9	+ 2·2	104	15	71·3	+1·2	61	1	79·5		66·8		·493	−·013		50	− 5	
Hanamkonda ...	877	28·930	−·071		99·4	+ 3·4	104	12, 30	74·3	+3·5	67	1	79·6		70·8		·636	+·096		64	+ 8	
Mysore																						
Chitaldrug ...	2,405	27·451	−·047	27·320	96·7	+ 2·1	101	14	72·2	+2·0	68	1, 2, 3	78·9	94·1	68·5	69·9	·566	+·096	·409	57	+ 8	36
Balehonnur ...	2,917	26·971			88·9		92	9, 10, 23	64·6		59	2	70·0		66·1		·592			82		
Hassan ...	3,149	26·755	−·047		93·3	+ 2·1	97	30	66·1	+3·7	58	1, 2	73·6		66·2		·562	+·031		68	+ 2	
Bangalore ...	3,021	26·874	−·045	26·761	91·1	+ 1·1	95	14, 30	67·5	+3·4	56	1	73·6	88·8	65·5	63·4	·523	−·006	·279	65	0	22
Mysore ...	2,518	27·346	−·059	27·229	91·9	− 1·6	96	15	68·9	+1·5	63	1	72·9	91·5	68·4	65·4	·634	+·050	·281	78	+10	20

m—Mean of 18 days.

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																STATION.
											8 hrs. L. M. T.									17 hrs. I. S. T.								
Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																												Central India, West
8 + 0·1	3·3	·0	− 0·08	0		0	− 0·3	6·2	+ 0·9	0	14	0	1	0	3	1	1	5	3	7	0	0	0	5	8	7	1	Neemuch
2 − 0·3	2·1	:0·18	+ 0·12	0·18	26	1	+ 0·9	4·1	+ 1·4	2	5	3	2	1	2	10	3	3	2	0	0	0	1	3	14	9	2	Indore
5	2·3	0		0		0		4·0		1	1	1	3	1	1	8	6	9	1	1	1	1	0	3	11	11	2	Bhopal
7	1·2	0		0		0		3·8		1	2	5	4	3	3	7	2	4	0	3	1	0	0	3	11	9	4	Guna
																												Central India, East
6 − 0·9	1·9	0·01	− 0·28	0·01	26	0	− 0·7	2·4	+ 0·5	1	1	0	2	4	12	5	1	5	6	1	0	0	0	1	12	10	1	Nowgong
4 − 0·7	2·1	0	− 0·48	0		0	− 1·1	3·7	+ 0·5	1	1	2	2	3	6	8	4	4	2	0	0	0	1	2	11	12	3	Sutna
9	3·5	0·09		0·09	27	0		3·1		1	0	1	3	2	3	5	1	15	3	2	0	1	1	1	9	11	3	Umaria
																												Berar
4 − 0·3	1·5	0	− 0·37	0		0	− 0·7	4·3	+ 0·7	0	1	1	3	1	2	8	4	11	2	0	2	1	1	1	6	8	10	Akola
9 + 0·5		0	− 0·31	0		0	− 0·8	5·5	+ 1·7	1	6	4	1	6	9	2	2	0										Amraoti
																												Central Provinces, West
2 − 0·1	1·7	0·42	+ 0·28	0·39	26	1	+ 0·6	5·3		2	4	0	1	4	3	12	3	2	3	1	1	1	0	2	10	13	0	Khandwa
6 + 1·1	3·3	0	− 0·25	0		0	− 0·5	3·2	+ 1·2	0	2	5	3	4	2	5	0	10	2	2	1	1	3	9	7	3	3	Hoshangabad
7 + 0·2	3·0	0·08	− 0·27	0·08	25	0	− 0·8	10·8	+ 7·1	2	5	3	5	2	7	5	2	0	2	4	0	4	1	5	4	11	0	Saugor
1 + 0·5	3·7	0·09	− 0·48	0·09	27	0	− 1·5	1·8	− 0·1	0	0	0	1	1	4	1	0	24	1	0	1	1	0	5	6	4	13	Jubbulpore
7 0	4·0	0·04	− 0·63	0·03	27	0	− 1·8	4·1	+ 1·3	5	5	2	1	0	2	2	3	11	6	3	2	2	3	6	1	6	2	Seoni
0 + 1·3	4·5	0·22	− 0·30	0·16	27	1	− 0·3	2·1	− 1·4	2	1	3	1	0	0	4	4	16	0	1	2	3	0	3	3	4	10	Nagpur
																												Central Provinces, East
3 − 0·5	3·3	0·22	− 1·12	0·21	27	1	− 1·8	4·5	+ 0·6	7	4	1	0	3	2	2	7	5	10	4	1	0	1	1	6	8	0	Pendra
1 + 0·4	2·8	0·40	− 0·29	0·40	27	1	− 0·6	3·4	− 0·1	0	2	0	5	0	9	4	3	8	3	1	1	0	2	5	1	1	17	Raipur
2 .	2·3	0·19		0·19	27	1		4·2		1	0	0	3	1	5	3	1	17	0	0	2	6	0	12	6	5	0	Kanker
1 + 1·6	4·0	0·01	− 0·89	0·01	25	0	− 1·3	3·1	+ 0·8	3	2	6	2	5	2	2	2	7	2	3	3	4	2	3	7	4	3	Chanda
8 + 0·5	5·7	1·11	+ 0·62	0·45	31	4	+ 3·0	2·6		1	0	0	2	5	0	4	2	17	1	0	0	0	2	3	18	3	4	Jagdalpur
																												Konkan
4 − 0·4	1·2	0	− 0·07	0		0	− 0·1	6·8	− 3·1	8	7	5	7	1	0	1	1	1	7	0	0	0	0	1	5	18	0	Bombay
8		0		0		0		6·5		7	6	7	2	0	0	1	7	1										Alibag
5 + 0·3	0·5	0	− 0·04	0		0	0	7·2	+ 0·4	2	6	6	4	0	1	4	8	0	4	0	0	0	0	4	5	18	0	Ratnagiri
6 + 2·1	3·4	0		0		0		8·1		6	7	6	4	6	0	1	1	0	0	0	0	0	0	2	17	12	0	Marmagao
5 + 1·0	2·9	·0	0	0		0	0	3·5	+ 0·3	9	8	0	0	0	2	0	4	8	4	4	0	0	0	11	0	12	0	Karwar
0		1·56		0·94	26	2				0	0	4	0	0	1	16	0	10										**Bombay Deccan**
9 + 0·6	3·0	0·08	+ 0·01	0·08	27	0	− 0·3	4·5	− 1·0	1	1	1	0	2	4	9	8	5	7	3	1	1	1	2	5	10	1	Jalgaon
5 + 1·7	3·5	3·71	+ 3·55	3·48	26	2	+ 1·7	5·3	− 0·7	8	3	0	3	2	0	0	11	4	6	4	2	1	2	3	3	6	4	Malegaon
9 + 0·9	3·6	0·34	+ 0·28	0·31	27	1	+ 0·8	2·8		0	0	1	0	4	2	4	0	20	1	2	1	1	1	1	7	9	8	Ahmadnagar
																												Poona
																												Satara
3 + 1·1	3·5	2·37	+ 2·18	1·27	26	2	+ 1·6	6·0	− 0·1	7	6	6	5	1	3	0	3	0	7	3	3	4	2	2	2	6	2	Sholapur
3	3·4	0·73		0·52	25	2		5·9		2	1	3	2	3	1	4	11	4	3	1	3	4	3	2	6	5	1	Miraj
4		0·21		0·15	25	1		5·5 *d*		4	6	3	1	0	2	5	1	9										Inchalkaranji
6 + 2·7	4·7	1·75	+ 1·49	1·57	25	2	+ 1·2	3·9	− 0·3	10	6	1	1	4	4	2	3	0	3	7	3	4	3	3	3	5	0	Bijapur
1 + 1·0	3·0	1·82	+ 1·55	0·90	28	4	+ 3·3	4·0	− 3·2	8	9	2	3	0	1	3	1	4	2	3	2	0	0	6	17	1	0	Belgaum
0	3·1	0·68		0·63	25	1		5·3		3	3	6	4	4	4	2	3	2	4	11	8	2	0	1	3	2	0	Gadag
																												Hyderabad, North
6 + 1·4		0·15	− 0·09	0·15	27	1	+ 0·5	7·0	+ 1·1	3	2	8	2	2	4	3	2	5										Aurangabad
0 + 1·6		0·04	− 0·43	0·03	27	0	− 0·9	3·3	+ 0·3	1	0	3	4	0	3	4	1	15										Nizamabad
																												Hyderabad, South
3 + 1·6		3·02	+ 2·65	2·86	25	2	+ 1·3	6·6	+ 1·1	5	8	4	4	3	1	1	1	4										Gulbarga
3 + 1·0		0·78	+ 0·54	0·65	25	1	+ 0·5	6·5	+ 1·2	4	2	0	5	5	7	3	3	2										Raichur
7 + 1·2		0·20	− 0·52	0·20	30	1	0	2·3	− 0·3	2	3	1	2	2	5	1	1	14										Hyderabad
6 + 0·5		0·36	− 0·03	0·36	30	1	+ 0·3	6·1	+ 1·1	1	0	0	11	14	2	0	1	2										Hanamkonda
																												Mysore
8 + 1·7	3·0	0·26	+ 0·01	0·22	25	1	+ 0·4	4·7	+ 0·7	0	0	3	4	1	3	6	2	12	2	6	16	2	1	1	0	2	1	Chitaldrug
8		1·73		0·81	28	3		3·1		0	0	0	8	3	4	0	0	16										Balehonnur
7 + 0·6		1·77	+ 1·44	1·34	30	2	+ 1·4	3·6	+ 0·8	1	1	5	3	0	1	6	10	4										Hassan
7 + 2·4	5·1	0·22	− 0·26	0·22	24	1	+ 0·1	6·2	+ 2·0	0	0	3	11	1	7	7	2	0	0	5	16	7	0	0	0	3	0	Bangalore
6 + 2·4	5·2	0·40	+ 0·06	0·40	25	1	+ 0·4	5·5	+ 0·3	1	1	1	2	3	3	7	2	11	4	8	13	1	2	1	1	1	0	Mysore

d—Mean of 27 days.

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature. °F.		Vapour pressure, inches.			Relative humidity %		
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	2
Malabar																						
Mangalore ...	72	29·756	−·064	29·641	89·7	− 0·4	93	1	77·3	+ 1·6	71	2	82·1	86·5	76·7	79·1	·851	+·067	·887	77	+ 5	7
Calicut ...	27	29·807	−·052	29·689	91·1	+ 1·3	93	4 days	77·4	+ 1·4	73	1, 2	81·8	88·2	76·0	79·8	·815	−·006	·906	75	− 2	6
Cochin ...	10	29·826	−·051	29·710	88·3	− 3·0	92	18	79·0	+ 1·7	76	4 days	83·1	85·8	77·4	79·1	·851	+·023	·901	76	0	7
Trivandrum ...	200	29·617	−·058	29·505	88·8	+ 1·2	92	18	78·4	+ 1·9	75	18	82·0	86·0	77·6	79·1	·896	+·111	·894	81	+ 4	7
Madras, Southeast																						
Pamban ...	37	29·787	−·063	29·674	88·0	− 0·9	91	28	78·6	+ 2·2	74	21, 22	82·3	84·4	77·9	78·5	·896	+·052	908	82	+ 5	7
Madura ...	463	29·364	−·067	29·226	94·2	− 2·2	102	14	75·9	+ 2·7	73	5 days	80·7	91·9	75·1	74·0	·792	+·015	·595	76	+ 3	4
Negapatam ...	31	29·801	−·061	29·693	86·5	− 2·4	92	13, 14	77·7	+ 1·7	72	1	80·8	84·4	77·0	78·0	·872	+·047	·869	84	+ 8	7
Trichinopoly ...	255	29·576	−·072	29·436	94·2	− 3·5	100	4 days	75·3	+ 2·5	70	9	80·9	92·6	75·1	74·7	·785	+·028	·623	75	+ 2	4
Coimbatore ...	1,341	28·490	−·063	28·346	95·3	− 0·8	99	13	72·5	+ 2·6	67	1	79·0	93·3	72·0	70·6	·689	−·028	·454	70	− 8	2
Salem ...	913	28·910	−·068	28·753	96·7	− 1·8	102	13	73·9	+ 2·8	67	1	77·9	94·7	71·5	70·9	·670	−·058	·434	72	− 1	2
Cuddalore ...	39	29·794	−·066	29·684	87·3	− 1·8	92	12	74·6	+ 2·1	70	1, 7	80·8	83·9	76·5	77·5	·865	+·029	·838	81	− 1	7
Vellore ...	703	29·112	−·085	29·[illegible]	94·7	− 0·1	100	4 days	70·9	+ 1·2	62	1	74·4	91·7	70·6	72·8	·704	+·012	·554	82	+ 5	3
Madras ...	22	29·809	−·069	29·705	89·9	+ 0·4	95	13	74·3	+ 2·6	67	1	80·6	84·8	76·1	76·8	·838	+·029	·812	81	+ 2	6
Madras, Deccan																						
Cuddapah ...	428	29·335	−·047	29·247	101·3	− 0·2	106	4 days	76·2	+ 1·4	66	2	85·2	98·0	74·0	76·9	·689	+·021	·642	58	− 1	3
Bellary ...	1,473	28·339	−·059	28·197	98·6	− 1·7	103	30	74·5	+ 2·3	67	1	81·7	97·2	66·7	68·0	·459	−·036	·294	43	− 4	1
Kurnool ...	923	28·884	−·059	28·733	100·7	+ 0·3	105	12,14,30	74·2	+ 2·5	63	1	81·5	99·0	67·1	69·2	·466	−·072	·304	45	− 8	1
Rentichintala ...	349	29·469		29·318	101·5		105	7 days	76·7		67	1	82·8	99·5	71·7	71·3	·635		·330	56		2
Madras Coast, North																						
Nellore ...	66	29·760	−·058	29·648	95·4	+ 0·5	102	4 days	74·7	+ 2·0	68	1	81·6	88·6	75·8	77·9*	·815	+·005	·815	76	− 5	6
Masulipatam ...	10	29·817	−·076	29·711	91·1	+ 0·1	97	29	72·6	+ 0·2	68	1	81·6	85·5	76·7	76·7	·858	+·005	·804	77	− 5	6
Cocanada ...	26	29·820	−·061	29·693	93·3	+ 1·3	100	29, 30	75·2	+ 1·5	68	1	81·1	88·4	76·5	78·2	·865	+·084	·822	80	+ 2	6
Vizagapatam ...	126	29·691	−·077	29·588	86·8	− 0·5	91	26	76·4	+ 1·7	70	2	80·3	84·0	75·9	77·7	·835	+·105	·869	79	+ 6	7
Calingapatam ...	19	29·795	−·080	29·634	91·1	+ 0·3	97	28	75·4	+ 2·8	67	1, 2, 3	80·3	84·3	75·6	78·0	·835	+·065	·869	80	+ 1	7
Hill Stations, excluding Kashmir and Baluchistan																						
Maymyo ...	3,546	26·375	−·038	26·281	82·3	+ 1·2	87	25, 29	55·2	+ 4·6	46	1, 2, 3	67·6	76·5	59·4	59·9	·406	−·009	·326	61	− 11	3
Haka ...	6,100	24·051		23·997	71·5		77	26,27,28	53·2		46	1, 4	58·2	67·1	48·7	53·2	·248		·256	51		4
Kanpetlet ...	6,322	23·887		23·830	75·1		81	26, 29	55·0		47	1	65·1	64·9	51·2	53·5	·228		·282	38		4
Shillong ...	4,921	25·030	−·066	24·974	73·9	+ 2·9	82	28	55·4	+ 4·6	44	1	63·4	64·9	53·7	55·2	·308	+·044	·323	53	0	5
Cherrapunji ...	4,309	25·624	−·049	25·554	68·7	+ 0·9	74	31	56·8	+ 2·9	50	1	61·5	65·5	53·5	59·2	·464	+·110	·444	88	+14	6
Aijal ...	3,599	26·283		26·211	78·5		86	28	61·9		56	19	66·2	70·7	59·3	61·7	·421		·450	68		6
Darjiling ...	7,432	22·837	−·066		57·3	+ 2·3	64	26,27,31	45·7	+ 3·3	40	15	50·8		45·3		·242	−·009		67	− 8	
Kalimpong ...	3,913	25·952	−·076	25·868	69·9	+ 1·6	76	30, 31	56·3	+ 3·6	51	14,15,16	61·1	65·5	55·0	56·7	·363	+·014	·361	68	− 3	6
Katmandu ...	4,338	25·598		25·491	80·8	+ 2·8	92	29	45·3	+ 0·2	39	14, 15	53·1	75·7	48·6	58·5	·295		·302	72		3
Muktesar ...	7,592	22·774	−·030	22·732	62·0	+ 2·5	69	30, 31	45·9	+ 3·8	37	13	52·1	57·6	40·5	44·9	·138	−·023	·169	35	− 13	3
Mussooree ...	6,940	23·302	−·015	23·268	64·2	+ 3·8	72	29	46·8	+ 1·5	38	11	53·6	58·6	43·3	47·2	·168	−·019	·202	44	− 7	4
Simla ...	7,224	23·027	−·038	23·004	59·7	+ 3·2	68	31	46·4	+ 3·3	37	13	52·2	55·7	40·2	42·9	·123	−·021	·142	34	− 6	3
Murree ...	7,082	23·126	−·022	23·139	53·8	+ 0·5	64	29	40·3	+ 2·2	33	12	46·5	50·3	38·1	41·9	·141	−·030	·178	48	− 7	5
Cherat ...	4,272	25·633	−·031		61·3	+ 0·9	73	29	48·0	+ 1·2	40	19	51·3		43·6		·202	−·003		55	− 1	
Parachinar ...	5,673	24·414	+·008	24·382	60·8	+ 1·8	71	2	33·9	+ 0·6	33	16, 19	46·3	56·2	38·6	44·8	·160	−·030	·179	54	− 8	4
Drosh ...	4,723	25·273			57·2	− 0·8	69	2	38·5	− 1·2	30	21,22,23	43·6		38·7		·180	−·009		66	− 1	
Mount Abu ...	3,945	25·991	−·048	25·939	79·7	+ 2·0	85	28	62·4	+ 1·3	50	22	70·7	76·5	53·8	55·9	·221	−·005	·212	31	− 4	2
Pachmarhi ...	3,528	26·411	−·035	26·332	86·9	+ 2·8	93	30	62·8	+ 3·0	51	14	76·3	85·0	58·1	61·1	·279	−·001	·253	30	− 8	2
Mahableshwar ...	4,534	25·490		25·420	85·1		89	10, 19	65·3		61	12, 15	71·9	79·3	56·9	63·1	·291		·389	38		4
Mercara ...	3,781	26·153	−·046	26·058	81·5	− 3·0	86	9, 10	62·8	+ 1·5	58	3	69·4	80·2	63·8	67·4	·531	+·043	·509	74	+ 5	5
Ootacamund ...	7,364	23·047	−·028		72·2	+ 2·2	77	11	48·9	+ 1·1	37	1	58·7		49·0		·248	−·006		51	+ 1	
Coonoor ...	5,730	24·436		24·369	73·8		77	6 days	53·7		47	1	64·6	70·8	55·7	58·6	·344		·359	58		4
Kodaikanal ...	7,688	22·788	−·021	22·734	66·3	+ 0·2	71	11	51·1	+ 0·6	46	1	57·8	60·8	48·1	53·1	·236	+·010	·324	51	+ 5	6
Ceylon																						
Colombo ...	24	29·804	−·052	29·700	86·6	− 3·0	90	1	74·5	0	63	17	77·6	84·8	75·0	77·7	·832	−·004	·861	89	+ 5	7
Trincomalee ...	24	29·803	−·017	29·709	85·3	− 3·9	88	4 days	76·1	+ 0·2	71	20	79·5	83·5	76·0	77·5	·848	−·004	·845	85	0	7
Hambantota ...	61	29·741	−·070	29·658	86·5	− 0·6	89	1	74·9	+ 0·8	71	21	78·9	83·0	76·1	77·3	·858	+·081	·849	87	− 3	7
Nuwara Eliya ...	6,170	24·029		23·974	69·5		74	14	50·9		42	13, 30	57·2	64·3	55·9	60·2	·418		·474	94		8
Arabia																						
*Aden ...	93	29·869	+·052		85·5	+ 1·6	89	15, 17	73·3	− 1·8	69	2, 3	75·6		71·5		·704	−·014		83	+ 5	

* Records observations at 7 hrs. (L. M. T.).

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																STATION.
											8 hrs. L. M. T.									17 hrs. I. S. T.								
Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																												Malabar
+1·5	4·8	0·42	+ 0·34	0·30	31	2	+ 1·8	5·3	+ 2·3	6	6	15	0	0	0	0	1	3	0	0	0	0	0	3	4	24	0	Mangalore
+2·6	5·3	0·09	− 0·38	0·09	26	0	− 0·7	7·8	+ 0·9	3	14	12	0	0	0	0	2	0	0	0	1	0	0	2	17	11	0	Calicut
+2·0	5·2	0·59	− 1·41	0·34	24	2	− 0·8	6·5	+ 1·1	3	17	11	0	0	0	0	0	0	0	0	0	0	0	1	21	9	0	Cochin
+2·1	7·0	1·13	− 0·49	0·26	3	7	+ 4·4	2·8	− 0·9	6	3	3	0	0	0	0	2	17	1	0	0	1	0	3	21	1	4	Trivandrum
		5·81	+5·28																									**Madras, Southeast**
+3·1	4·6	4·99	+ 4·46	2·48	21	5	+ 3·7	9·9	+ 4·8	2	5	6	5	7	2	0	3	1	3	8	2	5	8	2	0	2	1	Pamban
+1·8	5·4	4·17	+ 3·66	3·35	24	4	+ 3·2	4·0	+ 0·8	6	8	6	3	1	1	1	4	1	1	4	13	8	2	0	1	0	2	Madura
+1·6	4·5	1·69	+ 1·35	0·56	23	4	+ 3·3	8·0	+ 2·4	0	1	2	6	0	8	0	9	5	1	5	7	14	4	0	0	0	0	Negapatam
+2·5	4·1	1·26	+ 0·83	0·43	22	4	+ 3·4	3·3	+ 0·7	4	11	0	3	1	5	2	3	2	0	8	14	7	0	0	0	0	2	Trichinopoly
+1·4	4·9	0·31	− 0·17	0·31	24	1	0	3·2	+ 1·4	5	7	3	2	4	2	1	2	5	1	7	10	6	4	2	1	0	0	Coimbatore
+1·6	4·2	0·62	+ 0·14	0·54	25	1	+ 0·1	5·9	+ 2·0	0	10	8	1	1	2	1	0	8	0	6	14	9	1	0	0	0	1	Salem
+1·5	3·1	2·59	+ 2·42	1·51	23	4	+ 3·7	5·4	+ 2·0	2	1	0	1	0	12	2	9	4	0	1	6	23	0	0	0	1	0	Cuddalore
+0·6	1·9	0	− 0·24	0		0	− 0·3	4·5	+ 2·0	8	2	0	1	4	4	3	6	3	0	2	8	13	8	0	0	0	0	Vellore
+1·7	3·4	1·45	+ 1·26	1·45	24	1	+ 0·7	10·4	+ 1·8	2	1	2	2	4	11	4	5	0	0	3	7	12	8	1	0	0	0	Madras
																												Madras, Deccan
+2·1	3·4	0	− 0·21	0		0	− 0·2	7·4		1	5	0	16	0	1	0	4	4	0	1	1	27	0	0	0	2	0	Cuddapah
+1·8	4·4	0·79	+ 0·59	0·41	30	2	+ 1·4	4·3	+ 1·0	4	2	4	5	4	0	2	7	3	2	6	12	7	1	0	0	3	0	Bellary
+2·1	4·0	0·32	+ 0·06	0·20	25	2	+ 1·4	4·5	+ 0·4	1	1	1	3	3	7	1	6	8	4	7	10	5	1	1	0	2	1	Kurnool
	4·8	0		0		0		6·0		2	1	5	6	7	6	1	2	1	2	3	5	14	4	1	1	1	0	Rentichintala
																												Madras Coast, North
+0·4	2·3	0·11	− 0·04	0·11	24	1	+ 0·7	5·7	+ 1·2	0	1	1	11	15	1	0	1	1	0	0	20	11	0	0	0	0	0	Nellore
+0·5	1·8	0·01	− 0·27	0·01	24	0	− 0·3	5·8	+ 1·6	2	0	1	6	13	5	2	0	2	0	0	0	8	22	1	0	0	0	Masulipatam
+0·1	1·0	0·35	− 0·11	0·35	17	1	+ 0·3	5·6	+ 1·2	0	1	0	2	1	14	2	1	10	0	0	0	13	11	7	0	0	0	Cocanada
−0·5	3·3	0	− 0·30	0		0	− 0·5	5·1	+ 1·5	0	0	0	0	0	4	15	3	9	0	0	0	1	11	18	0	0	1	Vizagapatam
+1·4	2·6	0·02	− 0·40	0·02	27	0	− 0·5	7·9	+ 1·7	2	0	0	0	3	9	10	7	0	0	0	0	0	13	18	0	0	0	Calingapatam
																												Hill Stations, excluding Kashmir and Baluchistan
+1·7	1·9	0·04	− 0·42	0·04	29	0	− 0·9	2·9	+ 1·0	1	1	2	3	1	2	3	2	16	3	1	3	3	3	4	3	3	8	Maymyo
	2·2	0·00		0·00		0		10·7		0	16	11	0	0	0	0	0	4	0	12	14	2	0	0	0	0	3	Haka
	1·4	0·00		0·00		0		6·3		2	4	11	1	5	2	3	1	2	2	0	3	0	3	0	12	3	8	Kanpetlet
+0·3	4·1	0·59	− 1·34	0·21	19	2	− 2·3	6·3	+ 1·9	0	0	0	0	5	21	2	0	3	0	1	0	0	5	16	3	0	6	Shillong
+3·6	5·1	18·08	+ 8·70	2·30	22	16	+ 8·7	9·6	+ 3·4	0	2	1	0	3	18	3	1	3	0	0	0	0	4	25	1	1	0	Cherrapunji
	2·5	0·74		0·43	16	3		9·9		0	1	3	0	11	12	3	0	1	0	0	0	2	6	15	7	1	0	Aijal
−0·9		1·63	− 0·40	0·58	5	4	+ 0·2	6·6	+ 1·2	0	5	8	2	0	2	8	1	5										Darjiling
+1·9	5·0	1·77	+ 0·64	0·98	5	4	+ 0·9	7·7		2	0	0	3	0	0	0	26	0	1	0	1	24	4	0	1	0	0	Kalimpong
	3·0	0·33	− 0·81	0·19	12	2	− 0·4	1·6		1	2	1	1	0	3	0	1	22	0	0	1	1	1	1	21	1	5	Katmandu
−1·2	3·4	0·17	− 2·02	0·10	11	1	− 3·5	9·6	+ 4·1	1	5	5	1	1	1	15	1	1	0	0	0	0	1	7	21	2	0	Muktesar
+0·5	3·5	0·29		0·23	11	1		5·5		5	2	3	3	1	1	2	2	12	3	1	2	3	11	6	0	3	2	Mussooree
−0·9	4·0	0·70	− 1·97	0·46	17	2	− 3·0	3·8	− 0·7	4	4	2	10	4	1	0	1	5	2	3	2	5	12	4	0	2	1	Simla
+0·1	5·5	3·48	− 1·39	1·06	19	6	− 1·2	8·5		1	3	7	14	2	0	1	0	3	1	2	6	10	5	2	3	2	0	Murree
−0·9		4·30	− 0·07	2·33	19	5	− 1·1	10·7	+ 2·0	17	1	0	0	1	0	0	12	0										Cherat
−0·7	5·0	5·88	+ 1·34	1·64	16	9	+ 0·1	4·8	+ 2·2	14	1	3	0	1	0	6	5	1	0	1	2	4	4	9	6	3	2	Parachinar
−0·2		5·50	+ 2·08	1·66	22	8	+ 0·6	5·0	+ 1·8	0	2	7	4	0	1	0	0	17										Drosh
−0·8	1·0	0	− 0·17	0		0	− 0·4	4·8	− 0·6	1	2	3	2	1	10	4	2	6	1	2	0	0	0	14	7	4	3	Mount Abu
+1·3	3·7	0	− 0·48	0		0	− 1·1	3·5	− 0·2	2	1	2	2	2	2	9	10	1	3	1	1	1	0	2	12	11	0	Pachmarhi
	2·7	0·04	− 0·09	0·04	28	0	− 0·3	7·0		3	18	3	3	1	0	1	2	0	0	2	0	2	0	2	5	20	0	Mahableshwar
−0·2	4·9	2·12	+ 1·51	1·89	26	2	+ 0·5	4·8	+ 2·2	0	1	1	0	0	0	0	0	29	0	0	1	0	0	0	2	2	26	Mercara
+1·5		0·56	− 0·68	0·20	24	3	+ 0·6	4·5	+ 1·3	2	11	11	2	2	0	0	0	3										Ootacamund
	5·2	9·41		4·20	16	5		4·0		1	3	2	12	2	1	0	1	9	1	3	8	16	3	0	0	0	0	Coonoor
+1·7	5·3	2·27	+ 0·24	1·63	24	2	− 1·2	10·2	+ 1·4	4	18	4	4	1	0	0	0	0	6	13	0	5	4	0	0	0	3	Kodaikanal
																												Ceylon
+1·2	6·6	7·29	+ 2·86	1·95	3	12	+ 6·0			1	5	10	7	0	1	0	0	7	3	1	0	0	0	7	13	6	1	Colombo
+2·0	4·6	5·78	+3·13	1·60	21	9	+6·6			0	8	10	2	2	2	4	0	3	1	11	17	0	0	0	1	0	1	Trincomalee
+1·3	5·8	3·00	− 1·05	1·13	16	6	+ 0·6			10	8	0	0	0	0	5	6	2	2	1	6	6	3	10	2	1	0	Hambantota
	8·5	6·42	+ 2·91	1·58	36	13																						Nuwara Eliya
																												Arabia
−1·4		0	− 0·42	0		0	− 0·5	3·8	− 3·1	11	1	4	2	5	0	1	0	7										*Aden

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Relative humidity %	
		Mean 4 hrs. G. M. T.	Departure from normal.	Mean 12 hrs. G. M. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 4 hrs. G. M. T.	Mean 12 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Mean 12 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Departure from normal.	Mean 12 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Departure from normal.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Iran																					
Charbar ...	25	29·836		29·767	80·7		83	6 days					69·8	77·6	64 1	68·3	·522		·556	72	
Jask ...	13	29·852		29·784	78·8	− 1·0	83	4	65·6 f	− 0·8	58	24	70·1	76·9	63·5	67·5	·488		·533	67	
Bunder Abbas ...	29	29·850		29·776	80·9		87	2	62·0 b		59	28	70·5	77·2	62·5	67·1	·468		·526	63	
Bushire ...	14	29·923		29·888	68·2	− 4·0	88	31	55·0 a	− 3·9	49	22	59·8	66·2	57·0	62·1	·425		·502	85	
Ispahan ...	5,817	24·20*		24·18*	57·3	− 3·9	70	31	34·8 f	− 1·9	29	21	40·6	56·5	34·2	42·4	·128		·122	51	
Meshed ...	3,104	26·58*		26·53*	51·7	− 5·6	76	31	33·3	− 2·2	27	6, 21	39·7	49·8	36·7	42·8	·185		·197	76	
Seistan ...		28·287		28·206	71·7	− 1·7	87	1, 31	44·1	− 3·1	36	6	50·7	64·6	45·5	52·8	·237		·254	65	
Arabia																					
Bahrein ...	8	29·940		29·899	71·0	− 1·8	92	31	60·9	− 2·0	51	23	64·5	69·2	62·2	65·5	·522		·569	87	
Muscat ...	15	29·866		29·797	80·8	+ 0·8	100	18	70·7	− 1·1	64	23	75·3	77·0	68·0	71·2	·583		·676	66	
Sharjah ...	18	29·894		29·842	77·7		94	15	59·2	-	52	23	65·2	74·8	59·1	64·5	·419		·476	69	

* Aneroid. *a*—Mean of 30 days. *b*—Mean of 29 days. *f*—Mean of 25 days.

TABLE IV—ABSTRACT OF OBSERVATIONS RECORDED AT 8 HRS. (L. M. T.) AT 4TH CLASS STATIONS—MARCH 1938

STATION.	Maximum temperature °F.				Minimum temperature °F.				Mean dry bulb temperature 8 hrs. L. M. T. °F.	Mean wet bulb temperature 8 hrs. L. M. T. °F.	Vapour pressure, inches.		Relative Humidity %		Mean cloud amount 8 hrs. L. M. T.	Rainfall, inches.				Number of rainy days (0·10" or more).		Wind
	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.			Mean 8 hrs. L. M. T.	Departure from normal.	Mean 8 hrs. L. M. T.	Departure from normal.		Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Resultant direction 8 hrs. L. M. T.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Assam																						
Lumding ...	87·2	+ 1·6	95	29	63·1	+ 5·1	50	1	69·3	64·6	·556		77			1·41	−0·97	0·60	19	3	− 2·0	
Bengal																						
Pabna ...	97·1	+ 5·9	104	31	68·8	+ 5·0	59	14	76·1	72·9	·770	+ ·158	86	+11		0	−1·37	0		0	− 2·7	
Punjab, East and North																						
Gurdaspur ...									62·4	55·0	·333		68		3·0	0·05		0·05	19	0		S 61 E
Kashmir																						
Jammu ...	80·3	+ 1·0	91	29	61·6	+ 2·3	56	13, 24	65·4	54·5	·286	− ·030	45	− 6	3·2	0·50	−1·49	0·35	19	2	− 1·7	N 18 E
Kargil ...	38·1	− 3·6	47	23	21·7	+ 4·6	11	14	26·1	25·2	·127		91		6·5	6·08	+4·24	1·30	5	16	+12·7	N 26 E
N.W. F. Province																						
Bannu ...	76·8		85	29	54·0		45	17	61·2	52·3	·268		53		3·6	1·71		0·80	19	5		N 70 W
Wana ...	67·0		80	31	41·7		34	9, 13	50·5	42·9	·191		53		4·5	3·10		0·78	15	7		S 58 W
Hyderabad, North																						
Bidar ...	94·3	− 0·8	99	14	73·3	+ 2·9	66	1, 2	79·8	64·8	·416	− ·059	42	− 5	3·4	2·82	+2·36	1·43	25	4	+2·9	S 72 W
Mysore																						
Nandi ...	82·7		86	14,16,29	63·9		56	1	69·6	63·1	·499	·	71		2·0	0·05		0·05	24	0		
Tibet																						
Yatung (Chumbi) ...	57·1	+ 7·0	65	31	27·3	− 1·4	21	8, 14	35·9	34·9	·194	+ ·015	92	+ 6	1·5	1·11	−1·23	0·38	8	4	− 2·4	
Iran																						
Zahidan ...	69·9		84	31	42·0		31	9	55·2	51·6	·347		79		1·1	0		0		0		S 87 W

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0·10 or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																STATION.
											4 hrs. G. M. T.									12 hrs. G. M. T.								
Mean 4 hrs. G. M. T.	Departure from normal.	Mean 12 hrs. G. M. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																													Iran
3·7		2·6 c	0		0		0		6·1 h		1	2	1	2	0	1	4	11	4	3	5	2	3	1	8	1	5	0	Charbar
3·2		3·3	0	− 0·80	0		0	− 1·6	12·9	+ 4·7	3	4	3	1	0	1	8	8	3	0	0	0	0	5	14	12	0	0	Jask
2·2		2·9	0·03		0·03	16	0		9·1		4	9	0	1	1	2	5	3	6	0	0	0	5	17	8	1	0	0	Bunder Abbas
4·3		4·3	0·36	− 0·61	0·26	3	2	0	11·7	+ 5·5	9	8	5	2	1	0	0	5	1	0	1	0	1	1	2	0	26	0	Bushire
3·5		5·1	1·01	+ 0·08	0·47	1	3	+ 0·2	4·2	+ 0·6	1	1	0	1	1	4	2	0	21	0	0	1	1	1	12	5	4	7	Ispahan
7·5		7·3	2·34	+ 0·10	0·60	27	6	+ 0·9	3·2	+ 1·4	1	0	1	2	0	0	0	0	27	2	0	1	0	0	0	0	1	27	Meshed
2·7		2·7	0	− 0·39	0		0	− 1·3	6·3	+ 0·6	0	0	0	0	0	0	0 e	14	17	0	0	0	0	0	0	0	9	22	Seistan
																													Arabia
4·3		4·0	0·01	− 0·51	0·01	3	0	− 1·2	9·3		5	1	0	5	1	0	1	14	4	12	2	3	3	0	0	0	11	0	Bahrein
0·7		1·6	0	− 0·59	0		0	− 1·5	6·7	+ 3·1	1	0	0	0	2	0	4	12	12	0	7	0	1	3	0	1	14	5	Muscat
3·6		3·5	0		0		0		8·3		0	0	2	6	10	2	8	1	2	2	1	0	0	0	4	15	9	0	Sharjah

c—Mean of 28 days. *e*—Mean of 26 days. *h*—Mean of 23 days.

TABLE V—ABSTRACT OF OBSERVATIONS RECORDED AT 8 HRS. (L. M. T.) AT 5TH CLASS STATIONS—MARCH 1938

DIVISION.	STATION.	Rainfall, inches.				Number of rainy days (0·10 or more).		DIVISION.	STATION.	Rainfall, inches.				Number of rainy days (0·10 or more).	
		Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.			Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.
1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8
Bengal ...	*Bankura ...							Baluchistan ...	Harnai ...	0·92	−0·39	0·20	16	5	+2·3
	Rampur Boalia ...	0	−1·20	0		0	−2·0	Rajputana, East...	Udaipur ...	0	−0·10	0		0	−0·3
	Sirajganj ...	0	−1·33	0		0	−2·3								
	Rangpur ...	0	−1·13	0		0	−1·8	Bombay Deccan ...	Khandala ...	0		0		0	
	Cooch Behar ...	0·15	−1·76	0·15	19	1	−1·7	Hyderabad, North.	Parbhani ...	0·54	−0·15	0·43	31	2	+1·2
Bihar ...	Muzaffarpur ...	0	−0·47	0		0	−1·1	Madras Southeast.	Palamcottah ...	2·22	+1·27	0·68	26	5	+3·1
	Chapra ...	0	−0·38	0		0	−1·1								
	Arrah ...	0	−0·47	0		0	−1·1	Madras Deccan ...	Anantapur ...	0·25	+0·07	0·25	25	1	+0·5
	Dehri ...	0	−0·47	0		0	−1·2								
								Sikkim ...	Gnatong ...	4·41	−1·81	0·92	7	11	+0·1
United Provinces West.	Meerut ...	0	−0·62	0		0	−1·6		Lachung ...	4·60	−0·79	1·90	7	7	−5·1
Punjab, East and North.	Dharampore ...	0·68		0·39	17	2									
	†Kyelang ...														
	Dalhousie ...	1·55	−2·26	1·00	19	4	−1·9								
Kashmir ...	Sonamarg ...	19·01	+4·57	3·05	5	14	−0·6								
	Gurez ...	14·60		3·50	17	18									

* Register not received. † Temporarily closed.

Y. P. P.—S 999—325—16-6-38.

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MONTHLY FREQUENCY TABLES

of

Horizontal Visibility, Height of Base of Low Cloud and Surface and Upper Winds at Pilot Balloon Stations

March 1938

Supplement to the Monthly Weather Report, March 1938

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Tables of Wind Frequency:—Data for table 1 are obtained from pilot balloon ascents at dawn, except for stations marked (a_1) and (a_2), where ascents are made at 0900 hrs. (I. S. T.) and 0900 hrs. (L. T.) respectively. Table 4 is based on ascents generally at 1400 hrs. (I. S. T.); at stations marked (b_1), (b_2) and (c), ascents are made at 1500 hrs. (I. S. T.), 1500 hrs. (L. T.) and 1600 hrs. (I. S. T.) respectively. Table 7 gives data from p. b. ascents at 0330 hrs. (I. S. T.) for stations marked (d_1), and at 0330 hrs. (L. T.) for those marked (d_2). Indian Standard Time = Greenwich Mean Time + 5 hours 30 minutes. Occasionally, due to weather conditions, results of an ascent made 2 to 4 hours after the routine hours are used.

The symbols used in the tables of wind frequency have the following meaning: – ϕ = Latitude of the station; λ = Longitude of the station; H_s = Height of the anemometer head (i.e. to which the values of the surface wind relate) above mean sea level; C = the number of observations when the speed of wind is 5 km./hr. or less and n = number of observations.

Tables of Frequency of Heights of base of Low cloud:—Tables 2, 5, 8 and 11 are based on observations made at the routine hours of pilot balloon flights or within half an hour of the same. Heights which are either measured or estimated are given.

In the first row of these tables, for amounts of low cloud 1-10, the number under code figure 9 gives occasions when there was no low cloud, and in the second row, for amount of low cloud = 9 or 10, the number under this code figure gives all occasions when the total amount of cloud (whether low, medium or high) was 9 or 10.

Tables of Frequency of Horizontal Visibility:—Data for table 3 are obtained from observations during 0700-0900 hrs. (Local time), for table 6 from observations during 1400-1600 hrs. (Local time), and for table 9 from observations at about 0330 hrs. I. S. T. or Local time.

The Code figures used in the tables Nos. 2, 3, 5, 6, 8, 9 and 11 have the following meaning:—

Code figure ...	0	1	2	3	4	5	6	7	8	9
Cloud height ...	Less than 50 m.	50 to 99 m.	100 to 199 m.	200 to 299 m.	300 to 599 m.	600 to 999 m.	1000 to 1499 m.	1500 to 1999 m.	2000 to 2500 m.	No Low cloud Total amount of cloud = 9 or 10
Visibility ...	Less than 50 m.	50 to 200 m.	200 to 500 m.	500 to 1000 m.	1000 to 2000 m.	2000 to 4000 m.	4000 to 10000 m.	10000 to 20000 m.	20000 to 50000 m.	Greater than 50000 m.

POONA:
20th October 1938.

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

[Price 6 annas.]

U25

STATION.	Speed limits (km./hr.).	Surface.										0·5 km. above Surface.										1·0 km. a. s. l.										2·0 km. a. s. l.								
		n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW
Agra ...	6–25	31	1	1		1	1	4	10	5	8	31	1	1					1	6		31	1	1		2				9		31						1	2	1
ϕ =27° 08′ N ...	26–50												4			2	2	1	3	7			1			1	3	5	6							1	17	4
λ =78° 01′ E ...	51–75												1						1	1									1	1								2	3
H_s=181 metres ...	>75																																						
Ahmedabad ...	6–25	31	1	1	1			1	1	2	24	31	2	2	2					6		31	4		2		1		4	8		31	3	1		2	5	3	2
ϕ =23° 02′ N ...	26–50												1		2			1	5	9			2		1	1			4	8					1		2	9	
λ =72° 35′ E ...	51–75														1														1									3	
H_s=55 metres ...	>75																																						
Allahabad (a_1) ...	6–25	31						3	10	7	11	31	1			3		3	6	4	1	31	3		1		1	3	5	3		30						3	1
ϕ =25° 26′ N ...	26–50												2						3	7								6	7								10	9
λ =81° 50′ E ...	51–75																			1								2									3	2
H_s=111 metres ...	>75																																						2
Bahrein(a_2) ...	6–25	31	1	3	1	3		1	1	16	4	30	6	1	1	3		1		2	1	28	2		1	1	2	1	2	1		26		1			2	3	1	2
ϕ =26° 14′ N ...	26–50									1			6				2			3			6			1	3		6								2	2	6
λ =50° 35′ E ...	51–75												1				1			2							1		1								1	1	4
H_s=14 metres ...	>75																																						
Bangalore ...	6–25	29		1	4	8	1	7	1	2	5	29		1	3	8	5	3	2			29			5	8	4	8	3		1	26	1	4	5		1			1
ϕ =12° 58′ N ...	26–50												1		5	1																		4	8	1				
λ =77° 36′ E ...	51–75																																		1					
H_s=936 metres ...	>75																																						
Bhuj ...	6–25	30						8	2		20	30					1		2	4		30	1	7			3		5			30	2	2	1		1	2	2	3
ϕ =23° 15′ N ...	26–50												2	5					6	6				1					8	2			1	1			3	7	
λ =69° 48′ E ...	51–75																		4										3								1	3	
H_s=113 metres ...	>75																																					1	
Bombay (Juhu) (a_1) ...	6–25	31	7	2	2	3		2	1	7	7	30	13	5		2	2			2		31	7	3	2	1	1	2		3	1	31	1	6	1	2	2	3	3	4
ϕ =19° 17′ N ...	26–50												3	3									6	5											1		1		2	3
λ =72° 50′ E ...	51–75																																						
H_s=5 metres ...	>75																																						
Calcutta (a_1) ...	6–25	31						18	2	1	10	31	4	2			1	2	4	5	2	31	5		1		1	5	4	7		29					1	2	5	3
ϕ =22° 32′ N ...	26–50																	8	2	1								4	1	1								8	6
λ =88° 20′ E ...	51–75																												1	1								3	1
H_s=22 metres ...	>75																																						
Chittagong ...	6–25	31	1	1		15					14	31			1		4	9	1		2	27		1				6	5		3	23	1		1			4	6
ϕ =22° 21′ N ...	26–50																9	1										9	2								3	4
λ =91° 50′ E ...	51–75																4											1									4	
H_s=21 metres ...	>75																																						
Dacca ...	6–25	31				1	9	7			14	28					1	8	4	1		23						2	8	4		22					1	1	3	2
ϕ =23° 43′ N ...	26–50																1	6	4									1	7									10	2
λ =90° 24′ E ...	51–75																2												1									2	1
H_s=21 metres ...	>75																																						
Fort Sandeman ...	6–25	31		1		1		3	1		25	30	2			3	1	9	5	5	2											30	1			3	8	5	6
ϕ =31° 21′ N ...	26–50																	1	2																1		3	2	
λ =69° 27′ E ...	51–75																																						
H_s=1419 metres ...	>75																																						
Gaya (a_1) ...	6–25	31					2	11	6	3	6	31				1	3	4	6	3		31				1		2	6	2		31						1	1
ϕ =24° 49′ N ...	26–50								3										6	7								1	6	10								10	8
λ =85° 01′ E ...	51–75																		1										1	1								7	2
H_s=117 metres ...	>75																													1									2
Gwador(a_2) ...	6–25	31	1	1	1			3	14		9	30	1	3	1		1	2	8	4		29		1	1		1	1	4	4		26				1		1	3	2
ϕ =25° 08′ N ...	26–50					1			1								1		4	3			1	1				3	7	4			1	1			5	5	2
λ =62° 19′ E ...	51–75																		2										1									4	
H_s=10 metres ...	>75																																					1	
Hyderabad (Dn.) ...	6–25	29	1	1	2	1		3	3	1	17	29	2	1	1	5	5	4		2		29	2	1	1	5	5	4		2		29	5	5	3	3	4	2		
ϕ =17° 26′ N ...	26–50												1			3	3	2								4	2	2					2	3		1			
λ =78° 27′ E ...	51–75																																						
H_s=555 metres ...	>75																																						
Jacobabad (a_1) ...	6–25																																						
ϕ =28° 17′ N ...	26–50																																						
λ =68° 29′ E ...	51–75																																						
H_s=66 metres ...	>75																																						
Jodhpur (a_1) ...	6–25	31		10	2		2	11			4	31	1	3	1		3	3	3	3		31		4	3			3	6	5		30	2			1	2	3	3	1
ϕ =26° 18′ N ...	26–50			1				1					2	2	2			2	4	1			3					2	3				2				2	7	3
λ =73° 01′ E ...	51–75																	1											1								1	1	
H_s=232 metres ...	>75																												1									2	
Jubbulpore ...	6–25	31				3	1				27	31	2	3	3	2	2	2	1	3		31	2	3	1	4	1	2	2	3		31					1	3	7	
ϕ =23° 10′ N ...	26–50												1	2	2	1		1	3	3			1	2	2			1	2	4			1					2	5	
λ =79° 57′ E ...	51–75																													1									
H_s=402 metres ...	>75																																						
Karachi (DrighRoad)(a_1) ...	6–25	31		2				6	5	1	15	31	3	3	1				3	2		29	2	2	2	2	1	1	4		1	28		2		2		2	2	
ϕ =24° 54′ N ...	26–50								1	1		1	1	1				1	12	2									7	2				1			1	6	
λ =67° 11′ E ...	51–75																			1									5								1	5	
H_s=80 metres ...	>75																																					1	

3·0 km. a. s. l.										Amounts of low cloud.	No. of observations with Code figures.										No. of observations with Code figures.										STATION.
n	N	NE	E	SE	S	SW	W	NW	C		0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
30						1	15	5		1 — 10										31					2	6	21	2			Agra
							5	3		9 or 10										1											
							1																								
30	2			1		2	3	1		1 — 10										31						1	25	5			Ahmedabad
						4	10	3																							
						2	2			9 or 10										3											
15										1 — 10										31						2	10	19			Allahabad (a_1)
							6	6																							
							3			9 or 10										2											
22						1		1		1 — 10					3		1	3	2	22						2	3	26			Bahrein (a_2)
						2	4	1																							
	1						8	1		9 or 10					1					5											
						1	1	1																							
26	2	3	2							1 — 10				3	5	6				17					1	3	21	4	1	1	Bangalore
	4	10	3																												
		1		1						9 or 10				1	1	3				11											
28	2				1	1	2	2		1 — 10										31						1	10	20			Bhuj
	1	1				6	2	3																							
						1	4	1		9 or 10										1											
							1																								
30		2	5	4	9		1		2	1 — 10						2	1			28						1	23	7			Bombay (Juhu) (a_1)
	1				2	1	1	2																							
										9 or 10										5											
23							2			1 — 10						1	1		1	23				1	4	7	16	3			Calcutta (a_1)
							5	6																							
							5	4		9 or 10										1											
								1																							
10								2		1 — 10	1	1	3	1	10	10	1			4					1	1	18	11			Chittagong
							1	6																							
								1		9 or 10	1	1	3		4	2				15											
13								1		1 — 10			1	9	9	1				11					2	6	23				Dacca
							2	2																							
							6	1		9 or 10				3	2	1				9											
							1																								
27						1	2	4		1 — 10	1				1			3		26		1			1	5	10	14			Fort Sandeman
	2				1	2	5	5																							
						1	1	3		9 or 10	1									8											
25										1 — 10										31							9	22			Gaya (a_1)
							4	3																							
							9	8		9 or 10																					
								1																							
8						2	1			1 — 10	1				3	1				26			1	2		2	16	10			Gwador (a_2)
						1	3																								
							1			9 or 10	1				2					5											
29	9	2	1	2	2	1	3	1	1	1 — 10					3				4	24					2	2	20	5	2		Hyderabad (Dn.)
	4	2						1																							
										9 or 10																					
										1 — 10																1	19	9	2		Jacobabad (a_1)
										9 or 10																					
25	1			1		1	3	1		1 — 10										31					1	1	6	23			Jodhpur (a_1)
						3	5	3																							
						1	5	1		9 or 10										4											
24							5			1 — 10									1	30							1	4	26		Jubbulpore
						2	9	6																							
							2			9 or 10									1	2											
19	1	1					3	2		1 — 10					4	7				20				1	2	4	14	9	1		Karachi(DrighRoad)(a_1)
	1					3	5	1																							
							2			9 or 10										3											

STATION.	Speed limits (km./hr.).	Surface.										0·5 km. above Surface.										1·0 km. a. s. l.										2·0 km. a. s. l.								
		n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	N
Lahore ...	6-25	31	4	1	2				2	2	20	31	5	2	3	3	1		1	8	1	31	2	1	2	3	3	1	1	7	1	31	1				1	3	4	
ϕ =31° 35′ N ...	26-50												1		1					5			2						1	7						1	1	2	
λ =74° 20′ E ...	51-75																																					1	
H_s =221 metres ...	>75																																						
Madras ...	6-25	31									31	31		1	5	6	8	2				31	1	2	5	12	4				3	31	1	6	2	3				
ϕ =13° 04′ N ...	26-50															1	4	4							1	2	1							6	7	2				
λ =80° 15′ E ...	51-75																																	1	2					
H_s =13 metres ...	>75																																							
Malegaon ...	6-25	29	1			1		1		7	19	29	9	3	1		1	1	2	6		29	8	3	1		1	1	3	4	1	29	2	5	1	2	1	5	4	
ϕ =20° 33′ N ...	26-50												1		1		1		1	2			2	1	1		1		1	1								3	
λ =74° 32′ E ...	51-75																																						1	
H_s =437 metres ...	>75																																							
Mangalore ...	6-25	28	1	1	10						16	28	7	1		2	1	2	3	6	5	28	13	3	3	1		3			3	28	1	5	11	7				
ϕ =12° 52′ N ...	26-50														1										2										2				
λ =74° 51′ E ...	51-75																																							
H_s =40 metres ...	>75																																							
New Delhi (a_1) ...	6-25	31	2		1		1	3	8	11	4	31	1	1		1	3	2	2	3	1	31	1			2		1	2	4	1	31				1	1	2	3	
ϕ =28° 39′ N ...	26-50		1										1					1	1	13			1				1	2	3	12			1				1	6	
λ =77° 15′ E ...	51-75																			1										1									
H_s =227 metres ...	>75																																							
Peshawar ...	6-25	31				2	1	4	2	4	18	31	4	2			1	2	4	10	2	31	4	3				1	6	9	2	30	4	1		3	1		1	
ϕ =34° 01′ N ...	26-50																		1	5									1	5			1			1		1	
λ =71° 35′ E ...	51-75																																							
H_s =363 metres ...	>75																																							
Poona ...	6-25	31					6	11	1	1	12	31	10	8	1		2	1		6	1	31	12	5	2	2			1	6	1	31	7	8	4	1	1	1	1	
ϕ =18° 32′ N ...	26-50																			1									1	1				2			2	1	
λ =73° 51′ E ...	51-75																																							
H_s =589 metres ...	>75																																							
Port Blair ...	6-25	31		4	1	1		2	3	7	12	30	6	3	10	2		1	3	3	1	30	4	1	6	3	3	1	4		3	21		2	3	2	3			
ϕ =11° 40′ N ...	26-50				1										1										4	1							2	4	1				
λ =92° 43′ E ...	51-75																																							
H_s =87 metres ...	>75																																							
Sambalpur ...	6-25	31		1							30	31	1	1	2		2	5	3	6		31		2	2	1		3	5	6		31	3		1	1		1	4	
ϕ =21° 28′ N ...	26-50														1			5	4	1								1	8	2								9	
λ =83° 58′ E ...	51-75																													1									1	
H_s =153 metres ...	>75																																							
Sharjah (a_2) ...	6-25	31		2	1	4	2	7	5	2	6	31		1	1		2	2	8	2	2	31	1		1		3	2	3	8		28		1		1	1	4	1	
ϕ =25° 20′ N ...	26-50								2								1		6	4									4	6			1			1	1	7	
λ =55° 24′ E ...	51-75																1		1								1		1	1							1	3	
H_s =13 metres ...	>75																																							
Tezpur ...	6-25	31		10	1						20	30			3	1	1					30			11	4	3	3				23		1			2	4	4	
ϕ =26° 37′ N ...	26-50														21	1		3							5			2									2	6	
λ =92° 47′ E ...	51-75																											1	1										
H_s =76 metres ...	>75																																						3	
Trichinopoly ...	6-25	31	2	6						1	22	31		4	4	4	4	3	6		1	31		8	5	4	2	4	5		1	30		2	4	4				
ϕ =10° 49′ N ...	26-50												1	3	1									1	1									8	9	1				
λ =78° 42′ E ...	51-75																																		1					
H_s =88 metres ...	>75																																							
Trivandrum ...	6-25	30	13	7						2	8	26	8	1	2	1	2		3	8	2	28	6	3	1	6		1		9	2	28		6	4	5				
ϕ =8° 31′ N ...	26-50												1																					6	4	1				
λ =77° 00′ E ...	51-75																																							
H_s =78 metres ...	>75																																							
Vizagapatam ...	6-25	31						2	8	2	19	31				1		10	5		1	30	3			1	8	6	5	1		30	7	3	3	2	2		1	
ϕ =17° 42′ N ...	26-50																	13	1									5	1				1				1		
λ =83° 18′ E ...	51-75																																							
H_s =56 metres ...	>75																																							

3·0 km. a. s. l.										Amounts of low cloud.	No. of observations with Code figures.										No. of observations with Code figures.										STATION.
n	N	NE	E	SE	S	SW	W	NW	C		0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
29	1					2 3	3 6 2 1	2 6 2	1	1 — 10								1		30						8	9	14			Lahore
										9 or 10										4											
29	1 4	4 7 2	3	1		1			1	1 — 10					2	8	5			16					3	3	12	11	2		Madras
										9 or 10										8											
29	2	1	1	3		9 3	2 5	3		1 — 10										31						1	4	22	4		Malegaon
										9 or 10										2											
21		6 7	3 4		1					1 — 10						3	6	4	5	13					2	7	22				Mangalore
										9 or 10						1				4											
30						1	2 11	2 5	1	1 — 10								1		30							18	13			New Delhi (a_1)
					1	1	3 1	1 1		9 or 10										4											
28		1	1	1	1 3	3 1	3 3	2 7 2		1 — 10					1		2	3	7	18							1	2	6	22	Peshawar
										9 or 10										8											
29		3 1	8	5	5 1	1 1	1 1		2	1 — 10								1	1	29								31		Poona
										9 or 10										2											
8		2	2	2		1	1			1 — 10	1				24	2	2			2				1	1	7	15	7			Port Blair
										9 or 10	1				2					16											
24							2 8 1	6 6	1	1 — 10									2	29							31				Sambalpur
										9 or 10										2											
22	1				1	3 3	2 6	2		1 — 10					1	1	2	2	2	23			1				1	17	12		Sharjah (a_2)
										9 or 10										5											
						3	1																								
11						1 2	6			1 — 10				1			9	3	3	15				1		14	16				Tezpur
							2			9 or 10				1			6	2	1	12											
21		1	3							1 — 10					7	4	1		1	18						1	6	21	3		Trichinopoly
	1 1	6 3	4	2						9 or 10										6											
26		4	7	1	1	1				1 — 10						4	5		1	21					1	7	17	6			Trivandrum
	1	6	5							9 or 10						1				7											
26	7 3	7 1	2				2	4		1 — 10					4	2	1		1	23							27	4			Vizagapatam
										9 or 10										1											

STATION.	Speed limits (km./hr.).	Surface.										0·5 km. above Surface.										1·0 km. a. s. l.										2·0 km. a. s. l.								
		n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	
Agra ...	6–25	31	3				2	3	9	10	4	31				1		4	6	13		31	2				1	1	8	10		30						1	4	
	26–50												1						2	4									2	7							1	12	
	51–75																																						1	
	>75																																							
Ahmedabad ...	6–25	31		2				10	6	5	8	31		1	2		4	2	6	7	2	31	1	2	3		4	1	7	7	1	30	2	1			1	3	4	
	26–50														1				5	1									4	1							3	7	
	51–75																																						1	2	
	>75																																							
Allahabad (b_1) ...	6–25	31						3	6	15	3	31							9	7	1	30							7	6	1	27								3	
	26–50								2	2									10	4									11	5									11	
	51–75																																							2	
	>75																																							
Bahrein (b_2) ...	6–25	31	6	3	2	2	1			16		31	1	2		2	2			4	2	28		1			3	1	1	1		27	1				1	2		
	26–50									1			10		1	2	2			4			4				4	2	1	10			1				1	6	8	
	51–75												1																										1	
	>75																																							
Bangalore ...	6–25																																							
	26–50																																							
	51–75																																							
	>75																																							
Bhuj ...	6–25																																							
	26–50																																							
	51–75																																							
	>75																																							
Bombay (Juhu) (b_1) ...	6–25	31						3	2	28		31	11	1				2	2	6	2	31	7	4	2	1	3	2		5	2	31	3	1	6	5	5	1		
	26–50									3			4				1	1		1			1						1	3									3	
	51–75																																							
	>75																																							
Calcutta (b_1) ...	6–25	31		1		1	5	9	2	4	9	31		1		1	5	10	4	3	1	31	1				1	11	9	5		31						1	7	
	26–50																1	3	2									2	2									10	
	51–75																																							1	
	>75																																							
Chittagong ...	6–25	31				1	6	22	2			31					2	10	1	3		31	1	1	1	1	5	6	3	1	2	30						2	6	
	26–50																8	6										9									2	10	
	51–75																1											1									1	2	
	>75																																							
Dacca ...	6–25	31				3	8	9	5		6	31					5	8	5		1	31					2	12	6		1	28						2	3	
	26–50																3	5	3								2	5	3								1	14	
	51–75																1																						5	
	>75																																							
Fort Sandeman ...	6–25	31		1				11	3	2	13	29	1		1		1	5	6	4	4											29	1		1		1	5	8	
	26–50									1							1	1	4																	1	1	4	
	51–75																																							
	>75																	1																			1			
Gaya (b_1) ...	6–25	31							4	9	1	31							3	5		31		1					3	3		26							4	
	26–50								12	5			1						10	6									11	6									10	
	51–75																		3	3									4	3									2	
	>75																																							1	
Gwador (b_2) ...	6–25	31				3	3	18	1		3	30	1		1	2	1	4	9	1	1	28	1	1				3	8	1	3	26					1	1	4	
	26–50							3											8										6	2			1					4	6	
	51–75																		2										3										3	
	>75																																							1	
Hyderabad (Dn.) ...	6–25																																							
	26–50																																							
	51–75																																							
	>75																																							
Jacobabad (c) ...	6–25	31				3	1	2	2	3	20	31	2		3	6	3	4	5	2	1	31	1	1	5	2	4	5	5	2	4	30	1			1	1	4	8	
	26–50												1		1		1	2									1	1					1				1	6	
	51–75																																						1		
	>75																																							
Jodhpur (b_1) ...	6–25	31	1	3	1		1	8	4	3	6	29	2	4				6	4	5		31	2	5	1		1	3	7	3		27		2	1	1	1	3	7	
	26–50							2	2									3	4									4	5									2	4	
	51–75																	1																				1		
	>75																																							
Jubbulpore ...	6–25	31	2			1	1	5	7	8	7	31	3	2		1	1	2	5	8	2	31	4	1	1	1	1	3	7	5	2	31	1	1				3	8	
	26–50																	2	2	3								1	3	2								1	5	
	51–75																																							1	
	>75																																							
Karachi (Drigh Road) (b_1)	6–25	31		2	1		1	18		1		31	1	3			4	4	5	2		81	2	4	1	2	1		4	2	1	27	1	2	2		1	1	2	
	26–50							6	2									1	7	1									10				1	1			1	3	
	51–75																	1	2										4								1	5	
	>75																																							

3·0 km. a. s. l.										Amounts of low cloud.	No. of observations with Code figures.										No. of observations with Code figures.										STATION.
n	N	NE	E	SE	S	SW	W	NW	C		0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
30							1	2		1 — 10										31							29	2			Agra
							17	6																							
							3			9 or 10										3											
							1																								
29	2	1			1	3	5			1 — 10										31							8	21	2		Ahmedabad
	1					4	7	1																							
						1	3			9 or 10										1											
20							1			1 — 10							1			30					1		7	23			Allahabad (b_1)
							9	3																							
							4	2		9 or 10																					
							1																								
18						2				1 — 10					1	3	2	2	1	22							4	22	5		Bahrein (b_2)
	1					2	3																								
						2	6			9 or 10										4											
						1	1																								
										1 — 10																	17	9	4	1	Bangalore
										9 or 10																					
										1 — 10																	3	28			Bhuj
										9 or 10																					
30		4	3	2	8	5	2	1		1 — 10										31							6	24	1		Bombay (Juhu) (b_1)
		1			1	1	1	1																							
										9 or 10										1											
24										1 — 10							5	1		25						4	27				Calcutta (b_1)
							2	14																							
							3	4		9 or 10																					
							1																								
24							1	2		1 — 10					2	18	5			6							12	18	1		Chittagong
							6	9																							
							2	4		9 or 10						1				3											
19							1	1		1 — 10					1	2	1	12	5	10						2	9	20			Dacca
							6																								
							5	6		9 or 10																					
26					2	1	8	4		1 — 10					3		6	4		18				1	1	4	6	14	5		Fort Sandeman
					1	1	5	1																							
					2					9 or 10							1			8											
					1																										
19										1 — 10										31							8	23			Gaya (b_1)
							7	2																							
							8	1		9 or 10																					
								1																							
19						4	1			1 — 10					1					30				1	1	1	16	11	1		Gwador (b_2)
						2	3																								
	1					2	2	2		9 or 10										3											
						1	1																								
										1 — 10																	1		30		Hyderabad (Dn.)
										9 or 10																					
28			1			3	1	1		1 — 10									1	30						2	16	9	4		Jacobabad (c)
					2		11	4																							
							4			9 or 10										8											
							1																								
21					1	3	4	2		1 — 10										31						5	1	14	11			Jodhpur (b_1)
						1	5																								
						1	4			9 or 10										3											
27	1					2	6	2		1 — 10									9	22								1	28	2	Jubbulpore
						2	5	5																							
							3	1		9 or 10										2											
13	3	1			1		1			1 — 10							1			30				1	1	2	10	16	1		Karachi(DrighRoad)(b_1)
	1					1	4	1	1																						
	1					1	2			9 or 10										2											

STATION.	Speed limits (km./hr.).	Surface.										0·5 km. above Surface.										1·0 km. a. s. l.										2·0 km. a. s. l.								
		n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	N
Lahore ...	6-25	31	1	2					2	11	15	30	1		1	3	1		3	14	2	31	4	1	1	4	1	1	2	13	1	31	1			1		5	4	
	26-50														3					2					2					1					2	4	1	
	51-75																																						
	>75																																						
Madras ...	6-25	31		4	1	22	1				3	31	1	1	5	7	6	9			1	31		5	5	8	6	2	2	1		29	2	2	5	4				
	26-50															1									2								1	8	4	1				
	51-75																																		2					
	>75																																							
Malegaon ...	6-25																																							
	26-50																																							
	51-75																																							
	>75																																							
Mangalore ...	6-25																																							
	26-50																																							
	51-75																																							
	>75																																							
New Delhi (b_1) ...	6-25	31	1		2	3		3	2	14	4	31	1		1	1	2	2	6	10	1	31	2			1	2	1	8	8	1	31						2	12	
	26-50								1	1			1					1	1	4			1					1	1	5								1	4	
	51-75																																							
	>75																																							
Peshawar ...	6-25	31	6	4						9	11	30	9	5	2				1	8	2	30	9	3	2	1			1	9	2	29	1	1	1	1	6	4	6	
	26-50		1										1	1						1				1						2			1			1			
	51-75																																							
	>75																																							
Poona ...	6-25	31	5	8	3	2	2	2	3	5		31	1	6	4	5			2	5	4	31	3	5	3	5			4	5	3	31	5	4	3	3	1	2	2	
	26-50								1										2	2									2	1							1	1	
	51-75																																							
	>75																																							
Port Blair ...	6-25	31		9	15	5			1	1		30		7	7	3	1	1	2	2	4	27	7	1	1		1	2	2	5	5	22	3	2	6	2		1	3	
	26-50													1	1	1									3										2	2				
	51-75																																							
	>75																																							
Sambalpur ...	6-25	31		1				7	7	6	10	31	3	1				7	9	3	3	31	2					6	12	4	3	31	1					4	4	
	26-50																		4	1									3	1								1	7	
	51-75																																							
	>75																																							
Sharjah (b_2) ...	6-25	31		2				4	6	15		31	1	1			2	3	5	5	1	31	1				2	4	6	3	1	29		1			1	1	3	
	26-50							1	2	1								1	7	4					1		2	1	5	4			1			1	3	4	
	51-75																		1										1	1								3	5	
	>75																	•																							
Tezpur ...	6-25	31		12	7			3	2	1	5	30			12			2	2			30	1	1	9	2	3	2	3		1	24						4	1	
	26-50			1											8			2	2						1			2	2								4	9	
	51-75																	1	1									2	3								2	2	
	>75																																						1	1	
Trichinopoly ...	6-25	31		11	7	3					10	31	1	5	14	2	2	2		1	2	31	2	5	10	8	1				3	30	1	4	6	2	1			
	26-50													1		1									1								1	8	3	2				
	51-75																																	2						
	>75																																							
Trivandrum ...	6-25																																							
	26-50																																							
	51-75																																							
	>75																																							
Vizagapatam ...	6-25	31				6	11	14				31		1		1	2	11	2		2	31		3	1	3	3	10	1	1	3	31	12	3	3	2	2	1	1	
	26-50																	12										5	1				1							
	51-75																																							
	>75																																							

3·0 km. a. s. l.										Amounts of low cloud.	No. of observations with Code figures.										No. of observations with Code figures.										STATION.
n	N	NE	E	SE	S	SW	W	NW	C		0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
31					2	4	5	4		1 — 10								2		29							3	28			Lahore
					2	5	4																								
						2	1	2		9 or 10										3											
27		5	2				2			1 — 10					2	3	1			25								1	30		Madras
	6	3	3																												
		1								9 or 10										6											
										1 — 10																	5	24	2		Malegaon
										9 or 10																					
										1 — 10																	3	27	1		Mangalore
										9 or 10																					
26							2	1		1 — 10							1	2		28							12	19			New Delhi (b_1)
						3	15	5																							
							1			9 or 10										4											
								1																							
29	1				2	5	4	4		1 — 10					1		2	4	11	13						1		2	3	25	Peshawar
					1	4	3	3																							
					1	1				9 or 10										9											
31	6	4	2	3	2	5	3	1	2	1 — 10								4	6	21						1		1	29		Poona
						1	1	1																							
										9 or 10										4											
6		1	1	1		1	2			1 — 10				1	23	6				1				1		5	13	8	4		Port Blair
										9 or 10				1						14											
28	1						3	3	1	1 — 10								3	7	21							28	3			Sambalpur
	3					1	4	8																							
							2	2		9 or 10										4											
24						1		2		1 — 10					1		1	1	1	27							2	17	12		Sharjah (b_2)
					2	3	6																								
	1					2	5	1		9 or 10									1	5											
							1																								
17								1		1 — 10					2		3	5	6	15						4	21	6			Tezpur
						2	5																								
						1	5			9 or 10					1		1	2	1	10											
						1	2																								
23		2	3	1						1 — 10						1	5	7	1	17							2	14	13	2	Trichinopoly
	1	9	3	1																											
		3								9 or 10						1				10											
										1 — 10																1	12	16	2		Trivandrum
										9 or 10																					
26	5	5	2		1		1	2	1	1 — 10						1	2			28							23	8			Vizagapatam
	2	1	1					5																							
										9 or 10										1											

STATION.	Speed limits (km./hr.).	Surface. n	N	NE	E	SE	S	SW	W	NW	C	0·5 km. above Surface. n	N	NE	E	SE	S	SW	W	NW	C	1·0 km. a. s. l. n	N	NE	E	SE	S	SW	W	NW	C	2·0 km. a. s. l. n	N	NE	E	SE	S	SW	W	N
Allahabad (d_1) ...	6-25	31							5	11	15	30	1	1	1	2		1	2	5		31	1	1		1	1	1	2	3		20							2	
	26-50												1	1					4	9										6	12								11	
	51-75												1							1			1							1	1								1	
	>75																																							
Bahrein (d_2) ...	6-25	31	10	3	1	3				6	4	30	2			1				2	3	29	2			1	2	1	2	4	1	13					1	1	2	
	26-50									4			12			1	1	2		3							1	2		10							2	4	
	51-75																	1		1								1		2									
	>75												1																											
Bombay (Juhu) (d_1) ...	6-25	31	2	1				1		2	25	30	9	4				2	1		5	1	29	11	5			3			5		13	1		1		3	1	5	
	26-50												5	3										4	1														1	
	51-75																																							
	>75																																							
Calcutta (d_1) ...	6-25	31						28	1		2	30	1					2	3	6	2		29	1		1	1	1	1	10	5		17						1	6	
	26-50																	1	7	3	2								3	4	1								3	
	51-75																	2	1												1									
	>75																																							
Gaya (d_1) ...	6-25	31				2	2	10	7		10	31	2	1				1	2	6	3	31							5	6	1	22							4	
	26-50																		3	11									9	8									10	
	51-75																		1	1										1									2	
	>75																													1										
Gwador (d_2) ...	6-25	31	1		2			2	14	1	8	31			1			2	5	2		29	1		1		1	2	5		19		1				1	2	
	26-50							1	2				2	1			1	1	11	4			1	1			3	7	5							2	7	
	51-75																		1									1	1									
	>75																																						1	
Jacobabad (d_1) ...	6-25	31	2	1	9	1		1		5	12	30	2	1	3	1	6		3	5		30		1	2	1	3	5	2	6	2	20		1		1	1	7	2	
	26-50												1		2	1				4			1			1	1			1	4							1	5	
	51-75												1																											
	>75																																							
Jodhpur (d_1) ...	6-25	31	2	12	1	1		4	5		5	31	1	4			2	2	6	1	1	31	4	2	2			5	6	1		21	1				4	2	
	26-50		1										1		2		1	2	6								1	1	7								3	7	
	51-75																		1									2										1	
	>75																																							
Karachi(DrighRoad)(d_1)	6-25	31	1					3	8	3	16	30	1	1					5	3		29		3		1	2	1	1	5	1	20	1	2		1	1		3	
	26-50													1					14	3								11	1								2	
	51-75																		2									3								2	3	
	>75																																							
New Delhi (d_1) ...	6-25	31	5		1	1		4	1	12	6	31	1	1	1	1			3	5		31	2		1	2			3	5		27					1	4	
	26-50									1			1	1		1		1	2	12						1	1		1	3	12							2	11	
	51-75																			1											1								2	
	>75																																							
Sharjah (d_2) ...	6-25	31		1	1	9	3	4	3	1	6	31	2	2	1	1	1	1	8	6	1	31	2				1	1	3	8		17		1	1			1	1	
	26-50								1	1							1	1	4	2							2		9	4						1	3	6	
	51-75									1																		1											
	>75																																							

STATION.	Speed limits (km./hr.).	Surface. n	N	NE	E	SE	S	SW	W	NW	C	0·5 km. above Surface. n	N	NE	E	SE	S	SW	W	NW	C	1·0 km. a. s. l. n	N	NE	E	SE	S	SW	W	NW	C	2·0 km. a. s. l. n	N	NE	E	SE	S	SW	W	N
Jacobabad ...	6-25	31			6	3	1	1		6	14	31	2		10	2	4	1	2	2	3	31	4	2	3	3	4	3	2	3		31			1		3	5	5	
	26-50												1			1	1	1		1				1		1	1	1	1	2				1			1	3	6	
	51-75																																		1				1		
	>75																																							

TABLE 8—FREQUENCY OF LOW CLOUD HEIGHTS (EARLY MORNING)

TABLE 9—FREQUENCY OF VISIBILITY (0330 HRS.)

3·0 km. a. s. l.										Amounts of low cloud.	No. of observations with Code figures.										No. of observations with Code figures.										STATION.
	N	NE	E	SE	S	SW	W	NW	C		0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
							1	1		1 — 10										31							10	21			Allahabad (d_1)
							1			9 or 10										1											
						1				1 — 10					1		4	2		24						3	27	1			Bahrein (d_2)
						1		1												4											
										9 or 10																					
			1	2	3			1		1 — 10								4		27							29	2			Bombay (Juhu) (d_1)
										9 or 10										2											
										1 — 10					3					28			2	1		28					Calcutta (d_1)
								1		9 or 10																					
										1 — 10									1	30							8	23			Gaya (d_1)
							3	1																							
							3	1		9 or 10																					
							2			1 — 10					3	2				26					5	22	4				Gwador (d_2)
							2	1																							
										9 or 10																					
		1				1	3	1		1 — 10										31						8	14	8	1		Jacobabad (d_1)
							4																								
										9 or 10										1											
							1	2		1 — 10										31					1		16	14			Jodhpur (d_1)
						1	1	1																							
							3	1		9 or 10																					
	1	1					2	1		1 — 10	1				1	1				28		1		1		1	7	21			Karachi (Drigh Road) (d_1)
						1	2	1																							
							1			9 or 10	1									1											
							2			1 — 10										31							14	17			New Delhi (d_1)
							4																								
										9 or 10										1											
					1		1		1	1 — 10							4	2		25		1				1	1	26	2			Sharjah (d_2)
							1																								
										9 or 10																					

TABLE 11—FREQUENCY OF LOW CLOUD HEIGHTS (1230 HRS.)

3·0 km. a. s. l.										Amounts of low cloud.	No. of observations with Code figures.										No. of observations with Code figures.										STATION.
n	N	NE	E	SE	S	SW	W	NW	C		0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
27					2	1		3	1	1 — 10										31											Jacobabad
					1	3	5	5																							
						2	4			9 or 10										6											

P.P.—S 1710—250—10-38.

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INDIA WEATHER REVIEW, 1938

Monthly Weather Report

April

Published by authority of the Government of India

Summary.—The extreme northeast and the south of the country and the region from the south Central Provinces to the Bombay Deccan experienced fitful but occasionally intense thunderstorm activity. Western disturbances were less active than usual.

Thunderstorm activity was more or less pronounced over the south of the Peninsula, the north Deccan, the Central Provinces, east Bengal and Assam during the first fortnight, extending also into the United Provinces during the second week. There was, then, a general decrease of rainfall over the country, outside the north Deccan. A trough of low pressure, however, appearing over the south Bay of Bengal on the 18th in consequence of extension of unsettled weather from the Andaman Sea westwards, brought about fresh thunderstorm activity over the extreme south and, subsequently, there was also a marked revival in Assam and east Bengal, with occasional extensions towards Bihar and Orissa. Scattered showers continued meanwhile over the Deccan, penetrating now and then into Berar and the south Central Provinces.

Five western disturbances affected northwest India, as set out below:—

Western disturbances.			Precipitation.			Remarks.
No.	Period.	Course.	Region.	Nature of precipitation.	Period.	
1	1st to 10th...	Northwest frontier eastwards across western Himalayas.	(1) Northwest frontier ...	Local showers ...	3rd.	
			(2) Baluchistan to Kashmir.	Fairly widespread thundershowers.	4th.	
			(3) North-West Frontier Province to Kashmir and Punjab hills.	Fairly widespread rain or snow.	5th.	
			(4) Baluchistan ...	Local showers ...		
			(5) North-West Frontier Province to United Provinces hills.	Widespread thundershowers.	6th.	
			(6) North Rajputana ...	Scattered showers or duststorms.		
			(7) Northwest frontier to western Himalayas.	Fairly widespread thundershowers.	7th.	
			(8) North-West Frontier Province to United Provinces.	Local showers ...	8th.	
			(9) In and around the United Provinces.	Fairly widespread thundershowers.	9th.	
2	9th to 15th ...	Do. ...	(1) Northwest frontier ...	A few light showers...	10th.	
			(2) Along and near northwest frontier.	Local thundershowers.	11th.	
			(3) Northwest frontier and Kashmir.	Local rain ...	12th.	
			(4) Punjab, Sind and Rajputana.	A few dust or thunderstorms.		
			(5) North-West Frontier Province to western Himalayas.	Fairly widespread thundershowers.	13th.	
			(6) Extreme north ...	Fairly widespread thundershowers.	14th.	

Western disturbances.			Precipitation.			Remarks.
No.	Period.	Course.	Region.	Nature of precipitation.	Period.	
3	15th to 20th.	Northwest frontier eastwards across western Himalayas.	Punjab, United Provinces.	A few dust or thunderstorms.	18th, 19th...	Very feeble.
4	21st to 27th.	Do. ...	(1) Kashmir ...	Isolated showers ...	21st.	
			(2) Northwest frontier, western Himalayas.	Scattered light showers.	22nd.	
			(3) Northwest frontier to western Himalayas.	Local dust or thunderstorms.	23rd.	
			(4) Extreme north ...	Widespread thunder-rain.	24th, 25th.	
			(5) In and near east Punjab and the United Provinces hills and north Rajputana.	Dust or thunderstorms.		
			(6) Extreme north ...	Scattered thunderstorms.	26th.	
5	29th to 30th.	Through the extreme north.	Extreme north ...	A few thunderstorms.	30th ...	Very feeble.

There were some noteworthy temperature variations over northern India. The northwest frontier and the adjoining areas experienced high temperatures on the 2nd and 3rd and low temperatures on the 5th, 7th and 8th, the low temperatures extending into the Central Provinces, the United Provinces, Bihar and Chota Nagpur by the 10th. After another cold spell on the 14th-15th, the northwest frontier recorded high temperatures, which after persisting there between the 18th and 20th spread eastwards up to west Rajputana and the west United Provinces between the 21st and 24th. High temperatures also prevailed over Assam and east Bengal from the 11th to 20th, in north Bengal and Bihar on the following day and over the region from central Bengal to the east United Provinces on 28th-29th, extending into the west United Provinces and east Punjab on the 30th.

The total rainfall of the month was in large excess in the Bay Islands, Berar and Malabar, normal in Assam, the west Central Provinces, the Bombay Deccan, Mysore and southeast Madras; in slight to moderate defect in the Punjab, Kashmir, the North-West Frontier Province, Baluchistan, the east Central Provinces and north Hyderabad and in large defect elsewhere, the month having passed dry over Rajputana, Gujarat, Central India and the north Madras coast. Averaged over the plains of India, the month's rainfall was in defect by 29 per cent.

Mean maximum temperature was above normal over northeast India, the Punjab, the United Provinces, west Rajputana, east Central India and the east Central Provinces and below normal in southeast Madras. Mean minimum temperature was above normal in Assam, Bengal, Orissa, Kashmir, Baluchistan and west Rajputana.

Mean relative humidity was in defect in Assam, Chota Nagpur, Bihar, the United Provinces, the Punjab, east Rajputana, Gujarat, Central India, the Central Provinces, the Bombay Deccan and south Hyderabad.

Mean cloud amount was above normal in Chota Nagpur, Berar, the Central Provinces, the Deccan, Mysore, Malabar and south Madras and below normal in Bihar, the southwest Punjab, east Rajputana, Gujarat and east Central India.

Table I contains the divisional and sub-divisional means of rainfall, temperature, humidity and cloud for the 16 chief political divisions and the 33 sub-divisions; these means are based on the observations at the stations whose monthly mean data are given in the subsequent tables.

POONA No. 5:
The 30th June 1938.

S. N. SEN,
for *Director-General of Observatories.*

	Rainfall.				Departure from normal of				
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	8 hrs. L. M. T. Vapour pressure.	8 hrs. L. M. T. Relative humidity.	8 hrs. L. M. T. Cloud.
1	2	3	4	5	6	7	8	9	10
Division	"	"	"		°	°	"	%	
Burma ...	2·28	1·96	+0·32	+ 16	−0·1	+ 1·7	+·036	+ 1	+0·5
Assam ...	8·30	8·42	−0·12	− 1	+5·1	+ 2·0	−·006	− 7	−0·7
Bengal ...	1·37	3·46	−2·09	− 60	+4·6	+ 2·5	+·023	− 4	+0·2
Orissa ...	0·08	1·15	−1·07	− 93	+2·7	+ 2·0	−·009	− 5	−0·1
Bihar ...	0·07	0·62	−0·55	− 89	+3·6	+ 1·0	−·052	− 9	0
United Provinces.	0·07	0·33	−0·26	− 79	+3·3	+ 1·1	−·085	−11	−0·1
Punjab ...	0·34	0·65	−0·31	− 48	+2·9	+ 1·4	−·031	− 7	−0·3
North-West Frontier Province.	1·05	1·29	−0·24	− 19	+1·3	− 0·1	+·006	− 3	+0·5
Sub-division									
Bay Islands ...	4·00	2·48	+1·52	+ 61	−1·8	+ 0·6	+·011	0	+1·4
Lower Burma ...	2·66	2·23	+0·43	+ 19	−1·2	+ 1·5	+·034	+ 2	+1·8
Upper Burma ...	1·64	1·48	+0·16	+ 11	+1·4	+ 2·0	+·039	0	−1·3
Assam ...	8·30	8·42	−0·12	− 1	+5·1	+ 2·0	−·006	− 7	−0·7
Bengal ...	1·37	3·46	−2·09	− 60	+4·6	+ 2·5	+·023	− 4	+0·2
Orissa ...	0·08	1·15	−1·07	− 93	+2·7	+ 2·0	−·009	− 5	−0·1
Chota Nagpur ...	0·03	0·77	−0·74	− 96	+2·8	+ 0·9	−·024	− 7	+0·7
Bihar ...	0·08	0·57	−0·49	− 86	+4·3	+ 1·1	−·073	−11	−0·5
United Provinces, East.	0·08	0·25	−0·17	− 68	+3·8	+ 1·7	−·083	−11	+0·1
Do. do. West.	0·06	0·39	−0·33	− 85	+2·7	+ 0·6	−·088	−11	−0·3
Punjab, East and North.	0·43	0·80	−0·37	− 46	+3·1	+ 1·4	−·033	− 8	−0·2
Do. Southwest.	0·25	0·47	−0·22	− 47	+2·5	+ 1·3	−·029	− 6	−0·6
Kashmir ...	2·67	3·12	−0·45	− 14	0	+ 2·5	0	− 1	−0·8
North-West Frontier Province.	1·05	1·29	−0·24	− 19	+1·3	− 0·1	+·006	− 3	+0·5
Baluchistan ...	0·35	0·59	−0·24	− 41	+1·7	+ 2·9	+·025	− 1	−0·3
Sind ...	0·03	0·11	−0·08	− 73	+1·7	+ 0·2	−·021	− 2	−0·4
Rajputana, West.	0	0·15	−0·15	−100	+3·3	+ 3·5	−·041	− 5	−0·1

	Rainfall.				Departure from normal of				
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	8 hrs. L. M. T. Vapour pressure.	8 hrs. L. M. T. Relative humidity.	8 hrs. L. M. T. Cloud.
1	2	3	4	5	6	7	8	9	10
Division—*contd.*	"	"	"		°	°	"	%	
9. Sind ...	0·03	0·11	−0·08	− 73	+1·7	+0·2	−·021	− 2	−0·4
10. Rajputana ...	0	0·20	−0·20	− 100	+1·6	+1·5	−·056	− 8	−0·7
11. Bombay ...	0·21	0·25	−0·04	− 16	+1·0	+0·9	−·071	− 9	+0·4
12. Central India ...	0	0·16	−0·16	− 100	+1·7	0	−·102	−11	−0·4
13. Central Provinces and Berar.	0·43	0·49	−0·06	− 12	+0·7	+1·5	−·059	− 6	+1·2
14. Hyderabad ...	0·41	0·75	−0·34	− 45	−0·4	+1·6	−·071	− 5	+1·1
15. Mysore ...	1·65	1·65	0	0	+0·3	+1·1	+·019	+ 3	+0·7
16. Madras ...	1·74	1·43	+0·31	+ 22	−1·4	+0·5	−·011	− 1	+1·0
Mean of India (excluding Burma).	0·77	1·08	−0·31	− 29	+1·7	+1·2	−·043	− 6	+0·2
Sub-division—*contd.*									
18. Rajputana, East.	0	0·21	− 0·21	−100	+1·1	+0·8	−·061	− 9	−1·1
19. Gujarat ...	0	0·04	− 0·04	−100	+1·7	+0·3	−·125	−13	−0·4
20. Central India, West	0	0·13	− 0·13	−100	+0·5	+1·0	−·147	−14	−0·3
21. Do. do. East.	0	0·19	− 0·19	−100	+2·9	−0·9	−·057	− 8	−0·6
22. Berar ...	0·33	0·19	+ 0·14	+ 74	−1·6	+1·6	−·058	− 3	+1·1
23. Central Provinces, West.	0·28	0·27	+ 0·01	+ 4	+0·4	+1·1	−·072	− 6	+1·3
24. Do. do. East.	0·71	0·97	− 0·26	− 27	+2·2	+1·9	−·038	− 7	+0·9
25. Konkan ...	0·04	0·22	− 0·18	− 82	+1·4	+1·9	+·015	− 2	+0·6
26. Bombay Deccan...	0·60	0·62	− 0·02	− 3	−0·3	+1·2	−·035	− 6	+1·5
27. Hyderabad, North	0·43	0·60	− 0·17	− 28	−1·4	+1·6	−·064	− 3	+2·0
28. Do. South	0·39	0·90	− 0·51	− 57	+0·3	+1·5	−·075	− 7	+0·5
29. Mysore ...	1·65	1·65	0	0	+0·3	+1·1	+·019	+ 3	+0·7
30. Malabar ...	6·39	3·43	+ 2·96	+ 86	−0·8	−0·4	+·021	+ 3	+1·4
31. Madras, Southeast	1·39	1·37	+ 0·02	+ 1	−2·2	+0·8	−·019	0	+1·5
32. Do. Deccan...	0·15	0·56	− 0·41	− 73	−1·5	+0·4	−·057	− 5	+0·9
33. Do. Coast, North	0	0·63	− 0·63	−100	−0·4	+0·8	+·004	− 2	0

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Relative humidity %	
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Bay Islands •																					
*Port Blair ...	59/261	29·766	−·023	29·492	90·4	− 1·8	93	10, 13	79·3	+0·6	76	20	83·8	83·3	79·3	77·5	·928	+·011	·845	81	0
Lower Burma																					
Victoria Point ...	157	29·686	−·008	29·601	87·9	− 1·8	91	1, 19	77·0	−0·2	75	4 days	80·5	81·8	77·4	77·2	·885	−·009	·865	87	+ 5
Mergui ...	66	29·773	−·016	29·675	90·3	− 1·6	94	15	77·5	+3·0	75	4 days	81·0	82·8	77·7	77·3	·910	+·019	·851	86	+ 4
Tavoy ...	19	29·823	−·025	29·721	92·5	− 1·4	97	4	75·8	+1·3	73	1, 14, 28	81·7	84·4	77·0	78·1	·865	+·001	·869	80	− 3
Amherst ...	71	29·767	−·018	29·653	90·6		96	19	77·9		74	20	83·0	85·9	77·2	79·1	·845		·894	76	
Rangoon ...	18	29·806	−·022	29·681	95·5	− 2·5	100	5	77·0	+0·9	74	7	82·0	87·8	78·9	80·4	·948	+·110	·920	87	+ 7
Tharrawaddy ...	49	29·772		29·628	99·8		103	25	75·6		71	7, 8	83·3	92·3	78·7	78·8	·928		·806	81	
Bassein ...	20	29·810	−·009	29·704	95·5	− 0·7	99	6, 13, 17	77·3	+1·5	72	2	83·4	87·2	78·6	77·8	·921	+·055	·828	80	+ 2
Diamond Island ...	41	29·781	−·027	29·689	88·3	+ 0·1	91	2, 18, 29	80·8	+2·0	75	20	83·3	83·7	78·4	78·5	·921	+·072	·921	79	+ 5
Gwa ...	11	29·809		29·706	88·7		93	18	76·8		71	7	81·9	85·2	78·0	79·8	·903		·947	93	
Sandoway ...	28	29·797		29·692	94·5		98	17	74·3		67	30	82·9	86·5	77·5	79·2	·851		·887	77	
Toungoo ...	158	29·667	−·004	29·504	98·7	− 1·6	103	25	77·3	+1·3	71	17	83·2	91·6	77·3	78·4	·845	+·005	·781	75	+ 3
Kyaukpyu ...	18	29·798	−·019	29·694	88·4	− 0·7	91	12, 29, 30	78·3	+2·3	74	7	83·8	85·9	78·9	79·3	·921	+·044	·901	80	0
Akyab ...	29	29·806	−·005	29·689	91·1	− 0·2	94	26	77·0	+1·7	71	5	83·9	85·9	78·1	78·9	·876	+·013	·894	76	− 5
Upper Burma																					
Minbu ...	168	29·623	−·017	29·463	103·4	+ 0·8	109	26, 27	79·5	+2·5	76	8, 17	85·8	97·3	74·7	75·1	·718	+·052	·569	57	− 3
Yamethin ...	644	29·160	−·003	28·991	99·6	− 1·3	103	4 days	78·4	+2·3	69	2	83·4	93·0	75·9	77·4	·794	+·074	·716	69	+ 5
Mandalay ...	252	29·549	0	29·372	100·7	0	107	26	78·3	+1·5	71	21	83·8	94·5	74·4	74·5	·710	+·048	·596	63	+ 8
Monywa ...	267	29·534	−·019	29·355	105·0	+ 3·8	109	26, 28	77·5	+2·6	72	30	84·3	96·7	73·4	77·4	·662	+·050	·662	57	0
Lashio ...	2,802	27·059	+·013	26·913	89·0	0	96	28	62·9	+0·5	58	4	70·6	80·8	64·7	67·3	·546	+·042	·503	72	+ 3
Bhamo ...	386	29·409	−·017	29·251	94·6	+ 2·1	99	11, 13, 16	68·6	+2·1	63	29	76·1	87·5	69·4	73·6	·620	−·003	·649	70	− 7
Myitkyina ...	476	29·327	−·019	29·177	92·5	+ 4·2	99	12, 14, 15	69·0	+2·4	64	7, 29	74·8	85·3	68·3	73·0	·596	+·013	·642	70	− 5
Assam																					
Dibrugarh ...	348	29·484	−·003	29·348	84·4	+ 4·8	93	12	66·8	+1·4	63	3, 7	72·4	78·6	68·3	72·1	·630	−·005	·696	81	− 8
Sibsagar ...	317	29·497	−·008	29·363	85·5	+ 4·3	94	12	67·8	+1·9	63	7	72·8	80·2	69·8	73·4	·692	+·034	·718	86	− 4
Tezpur ...	258	29·551	−·020	29·403	89·6	+ 6·2	101	18	70·0	+2·9	66	30	75·8	83·6	69·4	71·8	·622	−·013	·625	73	−11
Gauhati ...	196	29·602	−·023	29·445	92·4	+ 6·4	102	18	70·1	+2·9	67	13, 14	75·8	87·2	70·1	73·5	·658	+·004	·628	74	− 8
Dhubri ...	115	29·687	+·007	29·512	93·8	+ 6·3	104	16, 17	71·9	+2·1	67	23	76·9	87·3	70·1	72·4	·638	−·035	·581	71	− 8
Silchar ...	96	29·728	−·009	29·581	90·3	+ 2·6	98	14, 15, 17	69·6	+0·8	65	28, 29	74·3	86·8	70·1	75·3	·678	−·037	·711	80	− 4
Srimangal ...	69	29·742	−·008	29·582	95·8	+ 5·1	104	17, 18	70·1	+1·6	65	11	79·1	83·7	73·9	75·9	·770	+·011	·727	78	− 7
Bengal																					
Cox's Bazar ...	38	29·781	−·011	29·666	90·6	+ 2·3	96	12	75·2	+2·3	70	5	82·2	85·3	77·4	78·8	·858	+·004	·801	80	− 2
Chittagong ...	87	29·729	−·011	29·601	92·9	+ 4·3	103	12	76·3	+3·3	71	24, 30	82·6	86·5	77·2	78·2	·851	+·033	·842	77	− 4
Noakhali ...	22	29·778	−·013	29·649	92·2	+ 3·7	101	13	76·6	+2·9	69	30	84·3	88·2	79·2	79·9	·921	+·071	·906	79	− 2
Comilla ...	37	29·749	−·016	29·610	98·8	+ 7·2	107	16, 17	75·8	+2·8	67	30	83·6	91·5	77·4	77·4	·845	+·006	·736	75	− 7
Brahmanbaria ...	32	29·757		29·609	96·7	+ 6·0	103	17	74·4	+4·8	65	30	82·3	91·4	77·1	76·7	·858	+·101	·730	78	− 1
Narayanganj ...	26	29·754	−·015	29·613	97·7	+ 5·7	103	6 days	75·9	+1·9	66	30	82·4	92·0	77·2	77·5	·858	+·026	·730	78	− 4
Mymensingh ...	62	29·786	−·004	29·569	96·5	+ 6·3	105	16, 17, 18	72·8	+1·2	66	2	78·9	91·3	73·7	75·9	·770	+·016	·693	78	− 3
Faridpur ...	27	29·744	−·017	29·596	98·8	+ 5·7	105	17	74·2	+1·5	66	2	83·0	90·9	77·7	76·0	·882	+·038	·693	78	− 6
Barisal ...	11	29·771	−·012	29·641	96·2	+ 4·7	103	15	77·7	+3·2	70	2, 10	83·7	91·3	78·2	79·0	·882	0	·819	77	− 5
Khulna ...	16	29·766	−·001	29·633	96·5	+ 3·6	102	17	78·0	+3·9	70	2	84·3	90·0	79·7	79·9	·961	+·123	·886	81	+ 1
Jessore ...	26	29·724	−·028	29·586	99·9		105	16, 17	76·0		65	2	83·6	91·1	78·7	77·9	·921	+·065	·781	80	− 1
Satkhira ...		29·747	−·015	29·612	99·3	+ 3·8	105	6	78·2	+3·7	69	2	84·4	92·6	79·0	78·0	·914	+·034	·760	78	− 1
Calcutta ...	22	29·738	−·013	29·608	99·0	+ 2·7	107	17	79·7	+4·5	75	2	84·3	93·1	78·8	77·6	·908	+·064	·735	78	− 1
Saugor Island ...	10	29·756	−·011	29·631	90·6	+ 0·5	98	10, 13	82·8	+3·0	77	10	85·1	85·7	79·8	80·5	·947	+·028	·988	79	− 2
Sandheads ...	28	29·766	−·012	29·647									83·8	84·8	80·0	80·7	·968	+·029	1·001	84	0
Midnapore ...	149	29·603	−·013	29·462	106·2	+ 5·6	114	24	79·1	+3·2	73	5	84·5	97·5	76·7	76·9	·818	+·045	·648	70	0
Burdwan ...	99	29·645	−·017	29·502	104·4	+ 4·8	111	24	77·2	+2·1	71	2	82·5	96·8	76·5	76·1	·845	+·074	·613	75	+ 1
Krishnagar ...	48	29·701	−·013	29·553	104·6	+ 6·1	110	24	76·1	+1·8	68	2	84·3	97·4	77·2	76·6	·881	+·032	·642	72	− 3
Asansol ...	414	29·316	−·024	29·175	106·2	+ 4·6	113	30	77·0	+2·9	70	2	84·1	103·2	70·1	70·2	·544	−·120	·288	47	−12
Berhampore ...	62	29·678	−·023	29·515	104·0	+ 5·0	108	19, 24	75·1	+1·0	68	2	84·8	96·5	75·9	73·3	·771	+·026	·500	65	− 8
Bogra ...	63	29·706	−·007	29·543	99·9	+ 4·8	107	16, 17, 19	71·8	+0·4	66	2	82·3	94·8	73·7	74·8	·723	−·013	·596	66	−11
Malda ...	108	29·642	+·005	29·496	100·7	+ 3·8	107	19, 21	73·2	+2·1	65	1	82·5	96·2	71·7	72·1	·685	−·067	·460	58	−11
Dinajpur ...	123	29·628	−·018	29·471	99·3	+ 5·4	107	19	71·6	+1·9	65	13, 14	79·9	95·9	70·4	73·2	·604	−·053	·507	63	− 9
Jalpaiguri ...	271	29·510	−·007	29·348	93·7	+ 4·6	101	16, 17, 19	68·6	+0·6	60	17	76·6	89·2	68·8	72·3	·600	−·055	·554	66	−11

*8 hrs. observations at surface observatory (old site), height 59 feet; 17 hrs. observations at combined observatory (new site), height 261 feet.

oud amount nths of sky).		Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																	STATION.
										8 hrs. L. M. T.									17 hrs. I. S. T.									
Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																												Bay Islands
+ 1·4	8·4	4·00	+ 1·52	1·06	15	10	+ 6·1	4·6	+ 0·9	1	1	4	1	0	0	11	7	5	2	2	7	3	0	1	11	3	1	*Port Blair
																												Lower Burma
+ 2·2	8·7	7·39	+ 2·57	2·23	6	11	+ 3·3	3·9	− 1·3	0	18	7	0	1	0	0	3	1	2	4	6	3	0	1	4	7	3	Victoria Point
+ 2·6	7·5	6·51	+ 1·23	2·25	17	13	+ 6·9	5·5	+ 3·4	1	8	7	9	1	0	0	1	3	2	4	2	5	1	0	2	14	0	Mergui
+ 4·2	6·9	5·06	+ 2·43	2·22	28	8	+ 4·3	2·5	+ 1·3	1	2	0	0	0	0	0	0	27	4	1	0	1	1	0	0	5	18	Tavoy
	8·2	2·14	− 0·10	1·00	19	3	+ 0·8	7·6		1	5	7	9	2	2	0	1	3	0	0	0	0	5	18	7	0	0	Amherst
− 0·1	5·1	5·23	+ 3·60	1·45	17	5	+ 3·3	3·4	− 0·8	4	2	1	0	4	5	6	4	4	1	1	0	6	13	8	1	0	0	Rangoon
	8·4	0·20	− 0·63	0·20	20	1	− 0·3	3·8		0	0	0	14	8	6	1	0	1	0	0	1	3	2	17	5	1	1	Tharrawaddy
− 0·7	3·0	1·81	+ 0·75	1·00	20	3	+ 1·6	4·5	− 0·1	0	0	0	0	0	8	9	5	8	0	0	0	0	1	0	20	8	1	Bassein
+ 4·7	8·0	1·54	+ 0·69	1·50	20	1	+ 0·1	5·8		2	2	3	0	0	0	12	7	4	2	0	1	0	2	0	12	13	0	Diamond Island
	5·3	1·06	− 0·44	0·75	19	2	+ 1·2	7·0		7	0	1	1	1	0	1	3	16	0	0	0	1	0	0	4	25	0	Gwa
	4·5	0·34		0·28	20	1		1·9		0	5	3	0	0	0	0	0	22	0	0	0	0	0	13	13	2	2	Sandoway
+ 1·0	6·6	0·90	− 0·95	0·33	30	3	+ 0·4	1·2	+ 1·0	1	0	1	12	11	2	1	2	0	1	0	2	12	10	0	1	1	3	Toungoo
+ 2·6	7·1	0·02	− 2·03	0·02	21	0	− 2·0	4·3	+ 1·8	1	5	2	6	4	3	2	4	3	0	0	0	0	0	6	23	1	0	Kyaukpyu
− 0·1	2·7	0·08	− 1·99	0·08	30	0	− 2·1	7·7		8	11	5	4	0	2	0	0	0	0	0	0	0	0	13	17	0	0	Akyab
																												Upper Burma
− 1·5	1·9	0·28	− 0·49	0·28	17	1	− 0·2	3·9	− 1·1	1	0	0	18	4	0	0	0	7	1	0	0	0	2	3	13	4	7	Minbu
+ 0·1	5·5	2·18	+ 0·68	2·11	2	1	− 1·4	4·0		1	0	0	0	26	0	0	0	3	0	0	0	6	15	0	1	0	8	Yamethin
0	3·5	1·39	+ 0·15	0·89	21	4	+ 1·8	4·6	− 1·0	0	1	0	13	15	0	0	1	0	5	3	1	6	2	0	1	2	10	Mandalay
− 1·3	2·4	0·98	+ 0·18	0·55	29	3	+ 1·2	2·7	+ 0·4	7	0	2	4	7	2	2	2	4	3	1	3	5	3	0	1	0	14	Monywa
− 2·2	3·2	3·50	+ 1·32	0·90	30	7	+ 2·3	2·1	− 0·7	0	1	1	0	1	1	1	0	25	0	0	0	0	1	6	5	9	9	Lashio
− 2·2	2·4	1·32	− 0·57	1·08	29	1	− 3·8	3·2	+ 0·7	12	8	2	0	1	0	2	2	3	11	6	1	0	1	0	0	1	10	Bhamo
− 1·7	3·6	1·82	− 0·14	1·21	7	4	− 1·5	4·6	+ 1·6	10	10	1	1	1	1	1	3	2	7	6	1	2	2	2	1	2	7	Myitkyina
																												Assam
− 0·3	6·9	11·03	+ 0·95	2·31	23	11	− 3·3	2·1	+ 0·8	6	9	10	0	0	1	0	0	4	6	2	2	0	0	0	0	0	20	Dibrugarh
− 1·5	5·5	10·95	+ 0·84	2·59	28	13	− 1·4	4·5	+ 2·1	4	15	5	1	0	0	0	0	5	8	12	2	1	0	1	1	1	4	Sibsagar
− 1·1	2·8	5·50	− 0·69	2·12	30	12	+ 0·1	5·0	+ 0·5	0	11	18	0	0	0	0	0	1	0	4	20	0	0	0	2	0	4	Tezpur
− 1·0	4·1	6·88	+ 0·27	1·87	24	10	− 1·8	3·0	+ 1·1	4	10	6	4	2	0	1	1	2	1	8	8	3	0	1	3	3	3	Gauhati
− 0·5	2·3	8·76	+ 3·62	1·66	23	9	+ 0·9	6·1	− 0·4	3	12	7	2	1	1	1	1	2	1	7	4	0	2	9	5	2	0	Dhubri
− 1·5	2·3	12·25	− 2·08	1·70	28	13	− 1·5	2·1	− 0·2	4	1	2	4	3	2	1	1	12	1	3	1	0	4	2	2	3	14	Silchar
+ 1·1	4·6	6·30	− 4·42	1·23	29	11	− 0·6	4·1		0	2	5	8	9	1	1	1	3	2	4	6	2	8	3	4	0	1	Srimangal
																												Bengal
+ 1·2	3·0	0·83	− 4·10	0·65	24	2	− 2·7	5·0	+ 1·1	0	1	4	12	7	1	0	0	5	1	0	0	0	12	9	7	1	0	Cox's Bazar
− 1·1	2·4	1·64	− 3·83	0·54	24	4	− 1·7	6·6		1	0	4	17	6	1	0	1	0	0	0	0	0	9	17	3	1	0	Chittagong
+ 0·7	3·5	1·50	− 4·90	0·63	24	3	− 3·3	6·9	+ 2·8	0	1	3	8	11	3	0	4	0	0	0	0	1	17	8	2	2	0	Noakhali
+ 2·9	5·8	2·39	− 4·19	0·80	21, 24	4	− 3·3	5·1		2	1	0	5	14	6	1	1	0	0	1	0	2	12	8	2	1	4	Comilla
	3·7	4·13	− 3·52	1·42	22	8	− 0·4	4·6		2	1	0	10	12	3	0	2	0	2	1	0	6	12	6	0	0	3	Brahmanbaria
− 1·1	4·0	3·78	− 1·70	1·18	30	6	− 0·8	5·2	+ 0·3	0	0	1	5	15	4	3	2	0	0	0	0	7	16	3	1	3	0	Narayanganj
− 1·0	3·8	2·70	− 3·05	0·65	29	7	− 0·2	4·2	+ 1·4	0	2	5	20	2	0	0	1	0	0	3	2	15	1	1	4	3	1	Mymensingh
+ 0·6	4·2	2·17	− 2·55	0·54	27	6	− 0·4	8·4		0	0	0	12	12	2	0	1	3	0	1	0	10	9	1	1	6	2	Faridpur
− 0·1	3·5	0·19	− 4·59	0·19	24	1	− 4·8	5·6	+ 2·2	1	0	2	6	12	6	1	0	2	0	0	1	2	19	7	0	0	1	Barisal
+ 0·9	5·6	0	− 3·27	0		0	− 5·4	6·1		1	0	0	3	11	9	3	2	1	1	0	0	9	12	6	1	0	1	Khulna
− 0·5	3·1	0·90	− 2·76	0·76	2	1	− 4·0	7·5	+ 4·7	0	0	0	2	22	5	0	0	1	1	0	0	0	21	3	0	0	5	Jessore
+ 1·5	4·8	1·29	− 1·56	1·14	14	2	− 2·6	4·8		0	0	0	2	17	10	0	0	1	1	0	0	4	16	8	0	0	1	Satkhira
0	4·6	0·01	− 1·88	0·01	29	0	− 3·2	5·1	+ 0·1	0	0	0	2	7	18	1	0	2	2	0	0	1	12	10	2	0	3	Calcutta
+ 0·2	5·4	0	− 1·14	0		0	− 2·1	16·8	+ 3·8	0	1	0	0	15	13	0	0	1	0	0	0	3	23	4	0	0	0	Saugor Island
− 0·6	3·2	0	− 0·66	0		0	− 1·3			0	0	1	0	5	21	3	0	0	0	0	1	1	9	19	0	0	0	Sandheads
− 0·6	5·0	0	− 1·87	0		0	− 3·5	4·0	+ 0·3	1	0	1	3	16	3	0	3	3	1	1	5	6	14	1	1	0	1	Midnapore
− 1·2	3·5	0·40	− 1·71	0·20	2, 25	2	− 1·5	3·3		1	0	0	8	11	5	3	2	0	1	1	0	10	4	1	1	3	9	Burdwan
− 0·4	3·6	0·77	− 1·78	0·60	21	2	− 2·1	6·4		0	0	1	0	12	13	0	1	3	0	0	0	3	8	6	1	1	11	Krishnagar
− 0·6	3·1	0	− 0·78	0		0	− 1·8	4·6		2	1	3	3	1	4	4	8	4	2	1	1	0	0	1	10	15	0	Asansol
− 0·3	3·8	0·48	− 0·92	0·19	27	2	− 0·7	3·5	0	0	0	0	3	13	6	4	1	3	6	2	3	2	5	0	2	4	6	Berhampore
+ 0·7	2·9	2·13	− 0·14	1·57	22	3	− 0·7	3·8	+ 1·3	0	0	9	8	3	5	3	1	1	0	0	9	2	1	4	12	1	1	Bogra
+ 2·1	1·7	0·22	− 0·91	0·22	22	1	− 1·1	5·1		0	2	8	4	5	4	4	1	2	3	4	5	2	1	0	2	12	1	Malda
− 0·2	1·3	1·59	− 0·55	0·66	29	3	− 0·1	2·8	− 1·0	0	9	6	2	0	3	2	0	8	0	3	1	3	1	2	9	4	7	Dinajpur
+ 0·9	2·2	0·65	− 3·08	0·34	25	3	− 2·6	4·8	+ 2·7	1	9	17	2	0	0	1	0	0	0	8	9	2	0	0	4	5	2	Jalpaiguri

f—Mean of 25 days.

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Relative humidity %		
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Orissa																						
Balasore ...	65	29·695	−·011	29·563	101·4	+ 4·7	107	24	79·2	+3·5	75	16	85·7	89·6	77·0	79·3	·811	−·012	·847	66	− 9	6
Chandbali ...	20	29·763	−·012	29·638	101·9	+ 3·7	106	18, 16	79·2	+3·3	74	2	84·7	90·6	78·8	79·0	·908		·893	76	+ 3	5
Puri ...	20	29·770	+·002	29·655	87·9	+ 0·1	102	10	81·5	+2·9	78	9	84·1	84·6	80·2	81·0	·968	+·054	1·008	84	− 1	8
Gopalpur ...	56	29·718	−·009	29·612	89·8	+ 1·4	100	10	78·2	+1·1	74	5, 13, 16	83·2	84·3	77·8	80·2	·882	+·011	·968	78	− 4	8
Cuttack ...	87	29·705	+·010	29·570	103·5	+ 2·2	108	15, 17	75·9	−1·8	69	2	84·6	94·1	78·0	77·2	·869	+·033	·696	73	− 2	4
Angul ...	455	29·312	−·011	29·151	105·4	+ 4·0	111	25	77·9	+3·5	73	15	84·4	100·9	73·1	71·4	·662	−·055	·360	57	− 9	2
Sambalpur ...	486	29·287	−·002	29·123	106·1	+ 2·9	112	29	76·7	+1·5	70	14	86·9	104·0	70·3	71·2	·510	−·083	·313	41	−10	1
Chota Nagpur																						
Jamshedpur ...	423	29·~~336~~			106·4		111	6 days	76·6		69	14	86·1		70·4		·524			43		
Chaibasa ...	742	29·013	0	28·860	105·7	+ 3·3	111	25,29,30	77·3	+2·7	70	2, 5	85·1	101·4	76·3	83·6	·774	+·149	·918	65	+ 7	
Ranchi ...	2,152	27·645	+·013	27·525	99·7	+ 3·8	107	29	72·9	+1·2	67	10, 13	85·9	95·8	63·1	63·9	·288	−·137	·196	23	−19	
Hazaribagh ...	2,006	27·784	+·029	27·670	99·7	+ 2·2	106	28, 30	71·6	−0·8	64	10	86·8	95·1	66·3	67·8	·382	−·007	·339	30	− 6	
Daltonganj ...	725	29·029	+·002	28·883	103·4	+ 2·0	110	28,29,30	70·6	+0·5	62	2, 3	81·2	101·4	63·9	66·8	·361	−·102	·198	35	−11	
Bihar																						
Purnea ...	124	29·629	−·012	29·472	100·5	+ 4·3	107	19, 21	69·4	−0·2	63	13, 14	80·6	96·4	68·8	71·7	·516	−·092	·453	54	−14	
Darbhanga ...	161	29·580	−·012	29·433	101·1		106	28, 29	70·7		62	1	81·1	98·2	70·9	76·3	·623		·598	59		
Motihari ...	220	29·515	−·006	29·371	100·6	+ 3·9	105	21,28,29	68·3	+0·3	58	2	80·7	98·6	68·7	72·0	·546	−·073	·426	53	−12	
Patna ...	173	29·564	−·009	29·421	102·8	+ 3·8	109	28, 29	74·4	+1·1	66	1	83·6	99·5	67·6	70·0	·469	−·071	·385	41	−10	
Gaya ...	372	29·358	−·013	29,223	106·1	+ 3·8	113	28,29,30	77·8	+2·7	70	2	89·2	103·1	68·8	73·3	·~~439~~	−·~~129~~	·~~412~~	33	−16	
Naya Dumka ...	489	29·243	−·020	29·107	105·2	+ 5·7	112	29	75·4	+1·7	68	1	83·8	99·8	70·8	70·6	·582	+·005	·367	51	− 2	
Sabour ...	122	29·615		29·471	102·0		109	28	70·4		62	1	83·1	97·9	71·5	75·3	·602		·562	56		
United Provinces, East																						
Gonda ...	360	29·378		29·249	103·7		112	28, 29	68·9		60	2, 10	83·1	100·1	64·8	68·4	·369		·261	33		
Gorakhpur ...	257	29·480	−·001	29·344	103·8	+ 4·4	110	28, 29	72·6	+1·1	64	1, 2, 3	83·1	100·6	65·5	67·2	·382	−·149	·211	35	−17	
Benares ...	250	29·481	−·016	29·356	104·6	+ 2·5	112	28, 29	72·5	+1·1	63	4	85·7	102·6	65·2	67·8	·342	−·153	·214	29	−17	
Allahabad ...	309	29·428	−·008	29·302	104·9	+ 2·1	112	4 days	73·3	+1·3	65	1, 10	84·5	101·7	64·9	68·1	·355	−·049	·234	31	− 5	
Fatehpur ...	375	29·356		29·228	104·6		113	29, 30	72·6		63	1, 2	88·0	101·5	66·3	71·1	·350		·347	27		
Cawnpore ...	416	29·317	−·009	29·209	106·4	+ 5·3	114	28,29,30	75·3	+3·8	63	10	85·5	101·6	64·5	68·3	·335	−·093	·234	28	−12	
Lucknow ...	371	29·354	−·016	29·235	105·2	+ 3·7	113	28, 30	71·6	+0·9	61	3	85·8	100·8	66·5	71·1	·399	−·023	·360	32	− 6	
Bahraich ...	407	29·312	−·012	29·192	103·4	+ 4·9	111	28, 29	71·1	+1·9	61	10	83·0	101·0	67·7	71·9	·476	−·029	·393	42	− 7	
United Provinces, West																						
Jhansi ...	824	28·933	−·016	28·818	104·2	+ 1·2	112	27, 29	74·9	−1·2	65	1	87·6	102·1	62·1	65·4	·214	−·194	·128	17	−17	
Agra ...	554	29·197	−·003	29·078	103·5	+ 2·6	111	22	69·9	+3·0	60	1	85·1	101·0	62·1	65·6	·248	−·034	·162	22	− 1	
Mainpuri ...	516	29·226	−·002	29·109	104·2	+ 3·3	112	28, 30	70·2	+0·6	61	2, 3	85·7	101·3	63·4	67·0	·274	−·128	·198	24	−16	
Aligarh ...	615	29·115		29·008	101·1		109	28, 30	71·4		64	3, 10	83·0	99·7	62·2	66·0	·275		·189	27		
Bareilly ...	568	29·141	−·022	29·035	102·1	+ 4·0	110	30	70·7	+1·9	61	3	80·9	99·6	63·5	67·2	·341	−·130	·225	32	−17	
Roorkee ...	899	28·832	−·005	28·731	97·8	+ 1·8	106	29	65·1	−0·2	53	1	80·5	95·7	64·1	66·8	·375	−·004	·272	38	− 5	
Dehra Dun ...	2,239	27·540	+·017	27·457	93·6	+ 3·5	101	29, 30	62·8	−0·6	56	11, 16	74·4	90·6	59·5	62·6	·313	−·040	·226	38	− 8	
Punjab, East and North																						
New Delhi ...	714	29·031	−·002	28·919	101·2		111	30	69·2		58	2	82·2	98·5	62·6	67·4	·314		·245	29		
Hansi ...	711	29·031			100·1		110	30	66·6		57	1, 2	80·9		63·1		·334			34		
Hissar ...	725	29·031	+·007	28·913	100·9	+ 2·4	110	24, 30	66·6	−1·3	56	1	84·6	97·4	64·9	68·5	·355	−·010	·318	30	− 8	
Ambala ...	892	28·848	+·004	28·757	100·3	+ 4·8	109	30	68·3	+2·6	57	1	81·4	95·6	62·9	65·9	·328	−·087	·243	32	−16	
Ludhiana ...	812	28·930	+·002	28·846	99·6	+ 4·1	109	22,24,30	66·2	−0·6	55	1	80·8	97·0	64·3	67·9	·375	−·032	·294	39	− 7	
Lahore ...	702	29·038	−·010	28·948	97·3	+ 2·3	109	24	66·3	+3·5	57	1	78·1	95·5	64·6	67·7	·436	+·044	·308	46	+ 2	
Sialkot ...	880	28·907	−·010	28·818	95·2	+ 2·3	105	23,24,30	67·9	+2·9	56	1	78·3	92·8	62·7	67·6	·368	−·059	·348	40	−11	
Rawalpindi ...	1,674	28·097	−·008	28·024	89·1	+ 2·8	100	23, 24	60·5	+1·4	51	9	73·5	86·9	60·4	63·0	·355	−·052	·276	46	−10	
Punjab, Southwest																						
Khushab ...	612	29·192	−·021	29·037	96·1	+ 3·5	107	23	68·9	+ 2·2	58	9	80·6	94·9	62·5	65·7	·334	−·056	·250	34	− 9	
Lyallpur ...	605	29·180	−·014	29·047	95·4	+ 2·0	106	22,23,24	64·8	+ 0·5	57	1	80·3	93·7	64·1	67·0	·381	−·023	·305	40	− 8	
Montgomery ...	558	29·183	−·007	29·093	97·1	+ 0·9	108	21,22,24	68·0	+ 1·2	58	1	77·1	95·5	65·3	78·6	·456	+·064	·758	53	+10	
Multan ...	413	29·347	+·002	29·241	98·7	+ 3·5	110	22, 23	68·0	+ 1·1	56	1	79·2	96·8	64·0	67·2	·395	−·102	·265	41	−16	
Fort Abbas ...	475	29·271		29·163	101·3		112	30	68·6		56	8	93·3	99·1	66·6	71·8	·439		·413	40		
Bahawalpur ...	384	29·367		29·258	99·2		110	24	66·1		57	7	80·9	97·0	64·5	69·7	·395		·362	38		
Khanpur ...	297	29·458		29·345	101·5		112	30	66·3		58	1, 10	81·5	100·4	63·8	69·1	·361		·284	34		

d amount hs of sky).		Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																	STATION.
										8 hrs. L. M. T.									17 hrs. I. S. T.									
Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																												Orissa
+ 0·1	6·6	0·17	− 1·89	0·17	25	1	− 2·9	3·5	+ 3·5	0	2	0	1	7	16	0	2	2	0	0	0	12	13	2	1	2	0	Balasore
	3·7	0	− 1·44	0		0	− 2·4	9·6		0	1	0	0	10	17	2	0	0	0	0	0	13	16	1	0	0	0	Chandbali
− 0·6	4·3	0	− 0·68	0		0	− 1·3	15·5	+ 4·2	1	0	0	0	9	15	5	0	0	0	0	0	0	14	15	1	0	0	Puri
+ 0·9	5·1	0·37	− 0·42	0·37	21	1	− 0·6	14·2	+ 1·6	2	0	0	0	23	2	2	1	0	1	0	0	2	24	3	0	0	0	Gopalpur
− 0·4	6·2	0	− 1·15	0		0	− 1·9	5·4	+ 1·9	0	0	1	0	3	11	5	1	9	0	0	0	0	14	14	0	0	2	Cuttack
− 0·4	6·9	0·01	− 1·29	0·01	2	0	− 2·7	4·7	− 0·1	2	4	1	3	2	1	2	3	12	1	1	1	3	9	4	3	3	5	Angul
0	4·0	0	− 0·65	0		0	− 1·6	3·0	0	4	3	3	1	4	6	2	1	6	4	1	1	0	2	4	9	4	5	Sambalpur
																												Chota Nagpur
		0		0		0		2·7		0	0	0	0	0	2	9	10	9										Jamshedpur
+ 1·1	5·1	0	− 1·24	0		0	− 2·5	2·8	+ 0·5	0	0	0	0	5	9	3	0	13	5	1	0	0	2	4	6	2	10	Chaibasa
+ 0·4	3·7	0	− 0·95	0		0	− 2·4	4·5	− 1·0	4	0	1	2	3	6	1	4	4	8	1	0	0	1	2	4	12	2	Ranchi
+ 0·3	2·8	0	− 0·49	0		0	− 1·5	5·8	− 0·7	3	0	1	0	2	11	4	4	5	7	1	0	0	0	0	1	20	1	Hazaribagh
+ 0·9	3·7	0·12	− 0·29	0·08	10	0	− 0·9	3·3	− 0·1	4	0	3	4	2	0	0	0	12	5	0	1	1	0	0	14	9	0	Daltonganj
																												Bihar
+ 0·3	1·4	0·51	− 0·71	0·51	25	1	− 0·9	4·2	+ 0·9	1	8	11	1	1	4	4	0	0	0	4	4	1	0	0	15	4	2	Purnea
0	0·9	0		0		0		2·4	− 1·5	0	9	6	0	0	0	2	0	13	0	1	2	0	0	3	7	1	16	Darbhanga
− 0·2	0·8	0·15	− 0·73	0·15	25	1	− 0·3	2·9		0	0	10	8	1	0	6	0	5	0	0	0	2	2	1	20	1	4	Motihari
− 0·2	1·6	0·06	− 0·24	0·06	10	0	− 0·6	4·9	+ 0·8	1	5	7	0	1	8	4	3	1	2	4	2	0	0	2	8	12	0	Patna
− 1·8	0·4	0	− 0·22	0		0	− 0·6	4·4	+ 1·1	0	2	2	5	3	9	8	0	1	2	2	0	0	0	2	5	19	0	Gaya
− 1·4	0·2	0·07	− 0·83	0·07	25	0	− 2·0	2·6	+ 0·2	0	2	0	7	0	6	0	4	11	1	7	0	0	0	5	0	16	1	Naya Dumka
	1·6	0	− 0·67	0		0	− 1·3	3·8		0	4	6	3	0	4	3	1	9	3	2	2	1	0	0	4	13	5	Sabour
																												United Provinces, East
	1·6	0		0		0		3·8		5	0	6	1	0	1	5	10	2	2	0	1	0	0	1	12	14	0	Gonda
+ 0·1	1·3	0	− 0·40	0		0	− 0·8	2·8		0	2	9	1	0	3	8	2	5	0	0	1	1	0	0	20	0	8	Gorakhpur
+ 0·6	2·2	0·01	− 0·16	0·01	10	0	− 0·4	5·8	+ 3·1	0	2	1	1	3	11	10	2	0	1	1	0	0	0	2	13	13	0	Benares
− 0·5	1·9	0·30	+ 0·15	0·30	10	1	+ 0·6	5·6	+ 2·0	1	0	0	0	1	8	9	0	11	0	0	0	1	0	1	14	13	1	Allahabad
	2·0	0		0		0		3·6		0	2	0	1	2	2	11	6	6	2	0	1	0	0	1	6	18	2	Fatehpur
+ 0·2	1·6	0·10	− 0·11	0·05	9, 10	0	− 0·5	3·6	+ 0·7	4	1	0	0	1	5	6	5	8	10	1	1	0	0	1	4	13	0	Cawnpore
− 0·2	1·4	0·01	− 0·25	0·01	9	0	− 0·6	0·9	− 1·7	1	0	1	0	0	0	9	1	18	0	0	1	0	0	0	7	5	17	Lucknow
+ 0·5	2·0	0·04	− 0·28	0·03	25	0	− 0·7	1·1	− 2·1	1	0	5	0	0	0	3	2	19	0	0	1	0	0	3	8	7	11	Bahraich
																												United Provinces, West
+ 0·4	2·0	0	− 0·15	0		0	− 0·6	3·9	+ 0·5	5	1	0	0	0	13	11	0	0	3	3	1	0	0	7	9	6	1	Jhansi
− 0·8	2·4	0·04	− 0·20	0·02	8, 9	0	− 0·7	3·6	− 0·2	4	1	2	0	0	3	8	7	5	2	1	1	0	0	2	11	13	0	Agra
− 1·0	2·2	0·11	− 0·24	0·07	10	0	− 0·7	3·1	+ 1·1	0	0	1	0	1	7	8	3	10	0	0	0	1	0	7	12	7	3	Mainpuri
	1·3	0·05		0·05	10	0		4·6		6	2	0	1	2	3	11	1	4	8	2	0	2	0	2	6	9	1	Aligarh
− 0·6	1·8	0	− 0·31	0		0	− 0·7	4·0	+ 1·5	5	1	0	0	0	3	7	6	8	5	0	1	0	0	0	16	8	0	Bareilly
+ 0·4	2·8	0·18	− 0·32	0·10	7	1	− 0·2	3·2	+ 0·6	1	4	0	10	1	0	0	5	9	0	1	0	2	1	6	0	16	4	Roorkee
− 0·3	3·2	0·09	− 0·65	0·05	10	0	− 1·7	2·9	+ 1·2	3	0	0	1	0	8	9	2	7	3	1	0	2	0	14	7	1	2	Dehra Dun
																												Punjab, East and North
− 0·2	3·4	0·07	− 0·32	0·07	10	0	− 0·8	6·6[c]	+ 3·5	2	1	0	1	1	5	12	1	7	4	4	0	1	0	0	3	16	2	New Delhi
		0		0		0				1	0	3	1	0	0	4	1	20										Hansi
− 0·5	2·2[b]	0·05	− 0·28	0·05	25	0	− 1·0	4·5	0	2	1	0	3	5	3	4	3	9	7	0	1	0	1	3	10	8	0	Hissar
+ 0·2	3·7	0·17	− 0·41	0·09	10	0	− 1·7	4·3	+ 1·2	8	1	4	4	0	1	3	7	2	2	0	1	2	1	2	10	10	2	Ambala
− 0·4	1·9	0·30	− 0·55	0·14	7	1	− 0·5	2·8	+ 1·1	2	2	1	3	1	2	2	7	10	2	2	1	1	0	0	4	18	2	Ludhiana
− 0·1	2·9	0·37	− 0·17	0·17	7	2	+ 0·4	2·5	+ 0·2	3	8	3	2	1	0	5	4	4	1	2	0	0	2	3	7	8	7	Lahore
− 0·3	2·1	0·55	− 0·39	0·40	8	2	− 0·1	2·9	+ 0·8	0	16	2	3	0	1	0	6	2	2	2	1	5	0	6	0	9	5	Sialkot
+ 0·1	4·3	1·47	− 0·17	0·97	6	4	+ 0·1	3·9	+ 1·4	3	3	0	0	0	5	2	4	13	0	5	0	1	0	7	2	9	6	Rawalpindi
																												Punjab, Southwest
+ 0·7	4·7	0·69	− 0·36	0·34	9	2	− 0·4	6·2	+ 1·2	7	10	4	1	1	2	1	0	4	3	4	3	4	5	1	3	5	2	Khushab
− 1·5	4·2	0·54	− 0·03	0·18	7	3	+ 1·5	2·0	− 0·5	2	5	4	1	2	2	0	3	11	1	3	0	0	0	3	2	6	15	Lyallpur
− 1·7	1·9	0·09	− 0·27	0·07	8	0	− 1·0	1·3	− 3·4	2	1	0	0	1	0	0	0	26	1	0	0	0	2	2	4	1	20	Montgomery
+ 0·1	2·6	0·02	− 0·25	0·02	13	0	− 0·9	3·5	+ 2·0	10	2	1	1	3	3	2	6	2	6	5	1	1	5	4	2	5	1	Multan
	3·1[b]	0·11		0·09	7	0		6·7[c]		3	3	4	3	3	8	2	2	1	3	1	2	1	2	5	12	4	0	Fort Abbas
	2·3	0	− 0·28	0		0	− 0·9	2·9		2	6	4	3	3	6	2	2	2	4	1	1	0	0	7	6	4	7	Bahawalpur
	2·2	0·16	− 0·16	0·16	8	1	+ 0·4	4·5		3	9	3	1	0	7	5	2	0	5	2	1	0	0	7	4	7	4	Khanpur

b—Mean of 29 days. *c*—Mean of 28 days.

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature. °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Relativ humidi %	
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Kashmir																					
Srinagar ...	5,205	24·895	+·027	24·812	68·6	+ 2·0	82	23	46·6	+ 2·2	41	2	54·2	65·9	50·5	54·5	·333	+·014	·300	78	−10
Gulmarg ...								Closed	during	winter	mo	nths.									
Muzaffarabad ...	2,343	27·439	−·025		82·2	+ 2·4	95	22, 23	58·2	+ 2·4	49	9	64·2		57·4		·372	+·003		65	0
Dras ...	10,059	20·903	+·122		36·4	− 5·9	48	25	21·3	+ 1·6	8	2	28·2		25·5		·116	−·030		75	−11
Leh ...	11,503	19·766	+·090		56·3	+ 0·7	63	22, 24	32·5	+ 2·3	25	2	40·7		32·7		·118	+·004		48	− 1
Skardu ...	7,505				64·3	+ 2·2	75	23	44·7	+ 2·4	36	2	49·6		43·9		·230	+·026		66	+ 9
Gilgit ...	4,890				72·0	− 0·2	84	23	55·2	+ 2·5	46	6	59·1		50·6		·276	+·025		57	+ 5
N.-W. F. Province																					
Peshawar ...	1,164	28·641	−·009	28·555	86·6	+ 1·7	99	23	59·4	− 1·0	50	8	72·9	84·6	62·6	65·2	·444	+·036	·373	56	+ 2
Miranshah ...	3,026				82·6		94	22	59·4		48	7, 8	68·6		56·0		·293			44	
Dera Ismail Khan...	570	29·205	+·008	29·101	93·6	+ 0·8	107	22	65·9	+ 0·7	57	10	79·2	92·5	66·3	70·9	·464	−·024	·468	50	− 7
Baluchistan																					
Fort Sandeman ...	4,614	25·375	+·009	25·296	81·5	+ 0·2	94	21,22,30	56·4	+ 1·6	45	7	60·9	80·0	50·3	54·1	·239	−·020	·118	49	+ 5
Sibi ...	441	29·312			100·6		112	30	71·5		58	8	82·2		61·7		·281			28	
Quetta ...	5,540	24·577	+·018	24·520	75·4		86	21	46·6		35	7	61·2	73·3	53·4	57·6	·310		·319	60	
Chaman ...	4,311	25·643	+·011	25·581	82·9	+ 4·2	93	21, 22	59·8	+ 4·0	49	7	71·1	80·6	56·6	60·7	·297	+·041	·304	41	+ 2
Kalat ...	6,616	23·659	+·049		73·7	+ 1·0	83	22	45·9	+ 7·5	34	7, 8	61·1		51·0		·269	+·038		51	− 8
Dalbandin ...	2,780	27·059	+·004	26·962	91·8	+ 2·1	101	21,22,30	60·1	+ 2·1	46	8	75·3	90·2	58·9	65·2	·294	+·035	·304	34	− 1
Nokkundi ...	2,229	27·592		27·505	95·2		105	21, 30	66·2		49	8	81·8	93·8	61·5	65·1	·281		·260	26	
Las Bela ...	292	29·508		29·369	101·9		113	29	65·0		55	1, 8	81·3	99·5	72·6	78·4	·696		·672	65	
Ormara ...	15	29·808		29·706	88·9		99	29	72·1		60	1	78·5	86·3	73·3	71·8	·743		·581	78	
Pasni ...	10	29·814	−·003	29·717	90·8	+ 0·8	104	29	69·3	+ 1·3	62	1, 8	77·9	85·7	72·6	76·3	·736	+·051	·767	77	+ 4
Panjgur ...	3,177	26·703	+·023	26·603	90·2	+ 2·2	99	30	59·7	+ 0·7	46	8	72·9	88·5	60·2	67·4	·372	+·003	·416	47	− 8
Gwador ...	39	29·790		29·699	83·7		103	29	73·2		65	1	78·6	86·4	74·6	74·9	·812		·711	82	
Sind																					
Jacobabad ...	186	29·583	+·017	29·472	103·4	+ 3·4	115	30	70·5	+ 0·6	59	8	81·8	103·1	65·6	73·3	·424	−·034	·406	40	− 3
Sukkur ...	221	29·531			100·1		109	21	72·7		63	2, 6	77·7		66·1		·484			51	
Naushahro ...	140	29·609		29·500	105·3		116	30	71·4		60	6	83·4	103·2	65·0	69·2	·369		·251	34	
Chhor ...	19	29·764		29·634	106·3		114	29	66·7		59	2, 3, 8	81·8	102·6	70·3	76·3	·577		·537	55	
Hyderabad ...	96	29·691	+·014	29·573	101·9	+ 3·3	115	29	72·3	+ 0·3	65	9	84·0	102·5	67·6	68·8	·462	−·060	·257	40	−10
Karachi (Drigh Road)	77	29·732		29·638	96·1		109	29	69·8		61	8, 9	79·6	91·4	70·9	69·9	·643		·443	65	
Karachi (Manora)...	13	29·793	−·004	29·713	84·0	− 1·5	90	6	74·0	− 0·2	65	2	77·9	82·7	74·4	77·1	·791	+·031	·851	84	+ 7
Badin ...	37	29·775		29·663	102·8		112	29	69·4		60	8	81·6	101·0	71·4	71·1	·623		·353	60	
Rajputana, West																					
Sri Ganganagar ...	580	29·155		29·060	99·4		110	24	64·5		55	1, 2, 9	80·9	97·0	61·7	65·0	·301		·188	31	
Bikaner ...	734	29·020	+·015	28·906	101·1		110	30	69·9		57	8	82·7	99·7	60·5	65·5	·242		·161	22	
Jodhpur ...	780	29·007	+·007	28·882	103·5	+ 3·3	113	29, 30	70·0	+ 3·5	67	10	83·5	102·2	62·3	66·6	·275	−·041	·184	25	− 5
Barmer ...	638	29·136		29·016	102·9		113	29	76·5		65	6	85·1	101·9	71·2	74·8	·569		·502	49	
Rajputana, East																					
Jaipur ...	1,431	28·351	−·003	28·245	99·7	+ 1·3	108	29, 30	70·1	+ 1·3	62	1	84·9	97·6	61·8	64·6	·269	−·051	·204	21	− 8
Ajmer ...	1,593	28·194	−·013	28·081	93·0	+ 0·1	107	30	72·5	+ 0·7	60	10	85·3	96·2	64·1	66·1	·333	−·057	·263	26	−12
Kotah ...	843	28·338	−·006	28·805	103·6	+ 1·8	111	30	76·9	+ 0·4	67	1, 2	89·7	101·7	63·6	66·8	·248	−·066	·191	18	− 7
Brijnagar ...	1,053	28·721		28·588	103·1		110	29, 30	72·4		65	1,11,12	85·7	100·8	62·4	67·0	·241		·235	21	
Gujarat																					
Deesa ...	466	29·337	−·003	29·212	103·9	+ 0·3	112	30	71·2	− 0·1	65	3, 8	85·2	102·3	65·4	68·7	·349	−·123	·257	31	−12
Bhuj ...	343	29·474	+·007	29·365	101·8	+ 1·9	111	29	72·0	+ 0·7	63	10	81·6	99·2	67·4	67·1	·473	−·163	·231	46	−14
Dwarka ...	37	29·800	−·012	29·718	84·3	− 0·5	88	20, 30	75·5	− 0·7	69	2	79·4	82·1	74·6	76·2	·799	−·005	·815	79	− 1
Jamnagar ...	60	29·764	−·014		97·6	+ 2·6	105	20,29,30	70·7	+ 0·4	65	9	81·8		72·5		·682	−·047		63	− 7
Rajkot ...	432	29·394	+·003	29·269	103·8	+ 2·1	110	30	69·3	0	63	9	81·7	101·5	68·2	68·0	·502	−·139	·234	48	−15
Veraval ...	19	29·803	−·009	29·715	90·1	+ 4·2	100	5, 18	71·2	− 1·0	64	9	82·1	83·7	71·5	79·2	·616	−·108	·928	60	−14
Surat ...	39	29·776	−·021	29·661	102·4	+ 2·9	110	17	75·0	+ 1·8	69	9, 10	83·9	97·9	72·0	71·6	·622	−·088	·426	54	− 9
Bhavnagar ...	55	29·776	0	29·630	103·8	+ 2·1	110	24	74·0	+ 0·1	65	9	85·0	101·5	64·5	69·6	·342	−·275	·302	29	−27
Ahmadabad ...	163	29·653	−·006	29·512	104·0	− 0·3	110	30	75·7	+ 1·3	69	8, 9	85·5	101·2	66·2	68·6	·377	−·174	·271	33	−16
Dohad ...	1,093	28·706			102·7		103	21, 30	75·1		67	10	85·9		65·7		·370			32	
Baroda ...	115	29·697		29·558	105·4		111	20	68·9		61	9	83·9	103·8	66·6	69·6	·426		·275	37	
Addenda for March																					
Pasni ...	10	29·843	−·082	29·749	84·2	− 0·7	90	4	63·7	+ 1·8	53	27	70·7	80·3	65·3	72·5	·543	+·009	·702	74	+ 2

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																STATION.
											8 hrs. L. M. T.									17 hrs. I. S. T.								
8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																													Kashmir
0	− 1·2	6·7	2·58	− 1·21	0·72	7	9	+ 0·9	3·8	+ 0·6	0	2	1	14	4	1	4	2	2	4	1	0	3	1	0	11	7	3	Srinagar
																													Gulmarg
4	− 2·3		4·59	+ 0·19	1·80	7	6	− 1·9	3·4	+ 1·8	3	0	0	0	3	1	0	0	23										Muzaffarabad
2	− 0·8		4·25	+ 0·29	1·63	6	6	− 2·5	0·9	− 0·3	0	0	0	0	0	0	0	0	30										Dras
8	− 1·6		0·14	− 0·09	0·11	29	1	+ 0·2	4·2	+ 1·7	0	0	1	0	16	5	1	0	7										Leh
0	+ 0·7		0·69	− 0·44	0·27	6	3	+ 0·2	4·7	− 0·5	0	0	1	0	0	1	6	5	17										Skardu
1	− 0·7		2·28	+ 1·30	0·97	26	4	+ 1·3	0·6	− 0·9	0	0	0	0	0	0	0	0	30										Gilgit
																													N.-W. F. Province
3	+ 0·6	5·2	0·61	− 1·24	0·24	6, 14	2	− 2·0	2·1	− 0·3	4	0	1	2	2	1	0	2	18	9	2	2	4	1	0	1	3	8	Peshawar
8			1·09		0·75	8	2		4·5		1	5	6	1	0	2	0	1	14										Miranshah
1	+ 0·5	3·7	1·48	+ 0·74	0·84	13	4	+ 2·3	2·2	+ 0·4	7	5	0	0	0	1	1	2	14	4	6	2	1	1	1	1	1	13	Dera Ismail Khan
																													Baluchistan
1	+ 0·6	5·0	0·74	− 0·37	0·29	6	2	− 1·2	3·2	+ 0·2	0	0	0	0	0	0	1	0	29	1	0	1	2	3	4	8	2	9	Fort Sandeman
0			0·09		0·07	6	0		4·0		2	6	4	1	0	1	1	3	12										Sibi
7	0	4·6	1·12		0·60	12	3		5·2		2	6	3	2	10	2	1	1	3	5	2	3	0	3	0	9	8	0	Quetta
8	− 1·2	3·8	0·42	− 0·26	0·16	6	2	+ 0·1	7·1	+ 1·6	0	2	2	5	5	7	2	1	6	1	1	0	1	4	14	6	3	0	Chaman
8	− 0·5		0·56	+ 0·02	0·15	5, 13	3	+ 1·4	4·9	− 0·3	1	0	0	6	11	1	0	3	8										Kalat
7	− 0·6	3·5[b]	0·40	+ 0·05	0·20	5	2	+ 1·3	2·8	− 2·1	0	1	1	0	0	2	1	0	25	2	1	1	2	3	6	4	3	8	Dalbandin
4		3·1	0·19		0·14	4	1		6·1[j]		4	0	7	7	4	2	0	2	4	5	1	1	3	5	4	0	8	3	Nokkundi
6		1·9	1·08		0·51	13	2		2·7		1	1	1	0	0	1	1	6	19	2	0	2	2	13	6	0	2	3	Las Bela
2		0·8	0		0		0		12·3		1	3	1	0	0	9	9	3	4	0	1	0	0	3	14	12	0	0	Ormara
1	+ 0·3	1·5	0	− 0·28	0		0	− 0·5	8·0	+ 1·1	1	1	1	1	0	1	10	10	5	0	0	0	0	1	16	13	0	0	Pasni
0	− 0·6	3·1	0·15	− 0·21	0·09	6	0	− 0·8	5·5	+ 0·4	3	13	4	0	3	1	1	1	4	3	2	0	0	2	9	8	6	0	Panjgur
3		1·4	0·01		0·01	5	0		4·8[c]		1	1	5	1	0	5	9	3	5	0	0	0	2	7	17	4	0	0	Gwador
																													Sind
5	− 0·3	1·8	0·02	− 0·18	0·02	5	0	− 0·5	3·9	+ 0·9	5	7	0	11	1	2	0	2	2	2	1	0	8	0	11	0	6	2	Jacobabad
0			0		0		0		3·6		1	4	0	15	4	4	1	0	1										Sukkur
8		2·0	0·05	+ 0·01	0·05	5	0	− 0·2	1·7		1	6	2	0	4	7	1	5	4	1	2	1	0	4	13	3	5	1	Naushahro
2		2·2	0		0		0		6·3		1	0	1	3	10	10	3	2	0	0	0	0	1	3	17	7	2	0	Chhor
1	− 0·4	1·3	0	− 0·05	0		0	− 0·1	5·6	− 1·3	1	2	1	0	7	11	3	0	5	3	1	0	1	3	13	6	2	1	Hyderabad
5		1·2	0		0		0		10·5		2	0	0	0	0	3	16	3	6	0	0	0	0	0	15	13	2	0	Karachi (Drigh Road)
2	− 0·4	1·2	0·04	− 0·13	0·04	13	0	− 0·2	9·4	− 0·3	1	0	2	0	0	7	12	8	0	0	0	0	0	0	16	13	1	0	Karachi (Manora)
0		0	0		0		0		9·9[b]		3	1	1	0	1	0	22	1	1	1	0	1	0	1	1	24	2	0	Badin
																													Rajputana, West
4		2·5[b]	0·37		0·30	8	1		6·3		2	3	4	3	5	7	1	4	1	5	1	2	0	1	5	8	8	0	Sri Ganganagar
7	− 0·1	2·9	0·06		0·05	8	0		3·7	− 0·9	0	1	3	6	2	10	5	1	2	3	0	1	0	0	4	10	12	0	Bikaner
0	0	3·4	0	− 0·15	0		0	− 0·5	5·7	+ 2·2	5	6	1	2	6	7	3	1	0	1	2	0	1	2	10	9	5	0	Jodhpur
8		2·0	0·08		0·08	14	0		7·0		3	4	1	2	3	3	6	5	3	1	1	1	1	2	11	10	2	1	Barmer
																													Rajputana, East
2	− 2·0	1·4	0	− 0·17	0		0	− 0·5	2·6	− 2·2	2	4	1	0	0	2	4	8	9	1	0	0	0	0	7	13	8	1	Jaipur
0	− 0·8	2·6	0	− 0·17	0		0	− 0·4	3·1	− 1·4	2	1	0	0	1	5	7	1	13	2	0	0	0	0	3	11	3	11	Ajmer
0	− 0·5	2·4	0	− 0·33	0		0	− 0·7	3·3	+ 0·4	2	2	0	2	0	0	6	10	8	1	1	1	0	1	4	3	18	1	Kotah
9		2·3	0		0		0		4·1		1	1	1	2	5	1	4	11	4	2	0	2	0	0	6	9	11	0	Brijnagar
																													Gujarat
1	− 0·3	0·9	0	− 0·03	0		0	− 0·1	3·1	− 3·4	5	2	1	0	1	2	0	0	19	0	0	0	0	1	9	9	2	9	Deesa
9	− 0·5	0·8	0	− 0·07	0		0	− 0·1	5·9	− 2·1	2	0	0	0	0	7	9	3	9	2	0	1	0	2	7	11	7	0	Bhuj
2	− 1·2	1·0	0	− 0·05	0		0	− 0·1	9·9	+ 0·6	5	0	0	0	0	7	5	13	0	0	0	0	0	0	3	18	9	0	Dwarka
5	+ 0·3		0	− 0·04	0		0	0	4·7	− 6·6	0	0	0	0	0	7	7	1	15										Jamnagar
7	− 1·0	1·4	0	− 0·03	0		0	− 0·1	8·6	+ 0·8	9	3	0	0	0	2	5	11	0	7	1	0	0	0	1	7	13	1	Rajkot
4	− 0·8	1·7	0	0	0		0	0	5·8	− 1·4	8	0	0	0	0	0	2	18	2	0	0	0	0	1	1	13	15	0	Veraval
1	+ 0·4	2·1	0	− 0·04	0		0	0	5·1	+ 0·7	4	3	0	1	5	6	5	3	3	2	0	0	0	4	8	8	8	0	Surat
7	0	2·8	0	− 0·10	0		0	− 0·2	4·9	− 1·0	10	2	2	0	0	0	4	10	2	1	4	6	11	4	1	1	1	1	Bhavnagar
9	− 0·6	1·3	0	− 0·03	0		0	− 0·1	4·0	+ 0·3	5	4	3	0	0	2	3	12	1	3	1	0	0	0	4	10	10	2	Ahmadabad
1			0		0		0				1	2	2	4	1	2	15	0	3										Dohad
4		1·3	0		0		0		1·9		5	0	0	0	6	0	1	4	14	4	0	0	0	2	5	6	8	5	Baroda
																													Addenda for March
9		1·9	0	− 0·56	0		0	− 0·7			5	1	1	2	0	2	8	10	2	1	0	0	1	4	13	11	1	0	Pasni

b—Mean of 29 days. c—Mean of 28 days. j—Mean of 21 days.

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Relative humidity %	
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Central India, West																					
Neemuch ...	1,626	28·174	−·009	28·070	100·2	+ 0·7	108	30	71·8	+0·8	60	8	86·4	98·3	65·2	69·4	·335	−·067	·318	27	− 8
Indore ...	1,823	27·992	−·001	27·872	100·2	+ 0·3	107	30	71·0	+1·2	60	11	85·4	97·9	61·3	63·8	·216	−·228	·141	19	− 20
Bhopal ...	1,643	28·162		28·034	100·9		108	30	73·2		64	10, 12	85·7	99·2	61·4	65·0	·209		·161	19	
Guna ...	1,571	28·214		28·102	101·9		110	30	68·7		60	1, 10, 11	86·9	99·4	64·0	68·5	·288		·291	23	
Central India, East																					
Nowgong ...	750	29·013	+·003	28·886	104·1	+ 2·3	112	28, 30	69·4	−1·5	59	1	86·8	101·8	65·6	70·7	·357	−·035	·340	28	− 8
Sutna ...	1,041	28·705	−·008	28·586	103·9	+ 3·4	111	30	71·2	−0·4	64	2, 10	86·3	100·6	63·4	67·1	·268	−·078	·211	23	− 8
Umaria ...	1,506	28·274		28·152	102·1		108	28, 30	70·7		61	10	86·9	98·6	63·6	65·5	·281		·175	23	
Berar																					
Akola ...	925	28·862	−·004	28·711	105·2	− 0·4	111	22, 28	76·4	+1·7	63	9	85·6	102·4	65·0	69·3	·342	−·018	·264	29	0
Amraoti ...	1,213	28·576	+·001		101·8	− 2·8	108	5 days	77·7	+1·5	65	9	86·5		64·1		·294	−·098		25	− 7
Central Provinces, West																					
Khandwa ...	1,044	28·746	−·006	28·606	105·6	+ 1·3	114	22	74·9	−0·2	62	10	87·3	102·4	63·0	67·2	·248	−·095	·191	20	− 9
Hoshangabad ...	992	28·790	−·006	28·644	103·7	− 0·4	110	30	74·8	+2·8	67	9	86·0	102·1	63·1	67·1	·268	−·056	·191	23	− 2
Saugor ...	1,808	27·983	+·003	27·862	100·2	0	107	30	75·6	+2·4	67	9	85·7	97·3	60·3	63·2	·177	−·134	·121	16	−11
Jubbulpore ...	1,289	28·487	+·005	28·359	102·6	+ 1·8	109	29, 30	68·7	0	60	10	81·1	100·3	62·3	67·4	·318	−·047	·248	30	− 4
Seoni ...	2,027	27·784	+·007	27·668	100·3	+ 0·3	108	30	72·5	+1·9	64	1, 9	85·3	96·1	64·2	66·4	·314	−·059	·243	27	− 7
Nagpur ...	1,017	28·771	+·009	28·624	104·1	− 0·7	110	28, 30	75·3	−0·4	65	9	85·8	101·4	65·9	70·1	·370	−·043	·308	31	− 3
Central Provinces, East																					
Pendra ...	2,040	27·757	−·004	27·643	100·1	+ 5·7	107	29, 30	73·9	+3·5	63	9	86·1	95·0	64·9	66·8	·335	−·017	·285	28	− 7
Raipur ...	970	28·793	−·011	28·650	105·3	+ 2·3	111	25,26,27	78·6	+2·3	72	9	88·2	102·2	70·1	72·9	·490	+·045	·412	37	− 1
Kanker ...	1,318	28·461		28·336	101·4		106	5 days	77·0		68	10	86·2	97·9	68·9	70·0	·472		·356	39	
Chanda ...	634	29·145	−·005	28·995	105·8	− 0·1	113	27	78·0	+2·0	68	9	88·5	102·7	68·6	70·3	·439	−·076	·295	33	− 8
Jagdalpur ...	1,813	27·995	−·010	27·870	99·9	+ 1·0	105	27	72·1	0	67	12	81·7	92·9	68·6	69·1	·533	−·105	·385	49	−10
Konkan																					
Bombay ...	37	29·792	−·018	29·675	90·7	+ 2·2	93	16	78·3	+2·6	74	9	82·7	87·0	76·3	77·8	·818	+·007	·826	73	− 2
Alibag ...	23	29·810			89·2		93	16	76·7		69	11	84·0		76·1		·788			68	
Ratnagiri ...	207	29·625	−·007	29·517	89·7	+ 0·3	97	2	79·1	+2·2	73	10, 11	83·5	86·0	76·0	77·9	·794	+·020	·849	70	0
Marmagao ...	202	29·622	−·013	29·507	89·0		92	9	80·3		76	12	84·1	86·9	77·9	79·0	·869		·880	74	
Karwar ...	44	29·798	−·005	29·679	91·2	+ 1·8	97	9	78·2	+0·9	71	11	83·1	83·1	76·8	80·1	·838	+·017	·913	74	− 4
Bombay Deccan																					
Jalgaon ...	660	29·124			107·0		112	4 days	74·3		62	9, 11	84·9		63·7		·314			26	
Malegaon ...	1,430	28·377	−·011	28·246	103·0	− 0·4	108	21,29,30	72·7	+1·5	59	9	88·6	100·0	69·3	72·5	·445	−·018	·439	35	− 4
Ahmadnagar ...	2,154	27·690	−·004	27·555	99·8	+ 0·1	105	29	70·9	+1·4	60	9	82·9	97·3	62·9	65·6	·308	−·149	·216	28	−13
Poona ...	1,834	28·009	+·001	27·866	100·6	− 0·5	105	22,27,29	70·1	+1·1	58	10	80·6	96·3	66·8	68·0	·485	+·031	·327	47	0
Sholapur ...	1,570	28·249	+·005	28·091	102·4	− 0·3	108	27	77·2	+1·9	68	11	85·3	99·9	66·7	68·4	·412	−·010	·261	35	− 7
Miraj ...	1,824				97·6		104	27, 29	67·9		62	6	80·5	95·5	69·3	69·8	·560		·389	56	
Inchalkaranji ...	1,795	28·046			100·8		108	28	71·6		65	11	80·9		68·5		·539			51	
Bijapur ...	1,950	27·875	−·004	27·723	100·5	− 0·3	106	27	74·4	−0·1	67	11	84·4	98·6	67·7	70·4	·462	−·093	·356	89	−11
Belgaum ...	2,562	27·311	+·011	27·191	95·4	− 0·6	100	27	68·5	+1·4	62	12	78·0	87·7	67·9	71·5	·549	+·032	·542	59	+ 1
Gadag ...	2,131	27·718		27·569	99·0		105	27	72·9		66	12	80·6	94·5	70·4	69·7	·598		·396	59	
Hyderabad, North																					
Aurangabad ...	1,905	27·940	0		100·8	− 0·8	105	6 days	75·4	+2·3	63	9	86·6		63·2		·261	−·097		23	− 7
Nizamabad ...	1,250	28·539	−·014		102·8	− 1·0	108	25,26,27	77·1	+0·9	68	1, 9	85·3		68·4		·455	−·121		40	− 5
Hyderabad, South																					
Gulbarga ...	1,503	28·302	−·003		102·4	− 1·3	108	27	78·0	+1·7	67	9	85·5		66·7		·406	−·158		34	−13
Raichur ...	1,311	28·481	−·010		101·6	− 1·1	107	24	80·4	+1·4	73	3	85·7		71·3		·562	−·060		47	− 4
Hyderabad ...	1,709	28·101	+·005		102·1	+ 0·9	107	24,25,26	76·7	+0·5	68	9	84·4		69·7		·537	−·067		45	− 8
Hanamkonda ...	877	28·912	−·012		103·2	+ 2·8	108	26	79·1	+2·5	72	1	84·3		73·3		·662	−·017		57	− 4
Mysore																					
Chitaldrug ...	2,405	27·448	−·002	27·300	97·9	+ 0·9	101	27	73·6	+1·1	67	24	79·9	95·0	71·8	71·4	·676	+·070	·428	66	+ 5
Balehonnur ...	2,917	26·966			87·4		92	4	65·8		60	11	70·8		68·9		·684			90	
Hassan ...	3,149	26·755	−·005		93·5	+ 1·2	97	21	68·7	+2·0	65	10,12,25	74·8		69·2		·646	+·026		75	+ 4
Bangalore ...	3,021	26·871	−·004	26·739	93·3	+ 0·9	96	23, 26	70·2	+1·3	66	1	75·6	90·6	69·1	66·4	·633	−·011	·367	72	+ 1
Mysore ...	2,518	27·345	−·016	27·219	92·9	− 1·8	96	27	70·4	+0·2	66	10, 29	76·2	91·3	70·6	70·2	·665	−·011	·450	75	+ 2

loud amount enths of sky).		Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																	STATION.
										8 hrs. L. M. T.										17 hrs. I. S. T.									
Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																												Central India, West
− 0·8	3·7	0	− 0·12	0		0	− 0·3	6·0	− 0·1	0	18	0	1	0	6	0	5	0	4	3	0	1	0	3	10	9	0	Neemuch
+ 0·3	3·7	0	− 0·14	0		0	− 0·3	4·1	+ 0·6	4	6	2	2	1	2	7	6	0	3	0	1	0	1	5	12	5	3	Indore
	3·9	0·49		0·49	2	1		3·9		2	2	2	2	0	1	7	6	8	1	1	3	0	1	0	12	12	0	Bhopal
	1·4	0·02		0·02	9	0		3·5		3	4	3	1	0	1	6	6	6	0	0	0	0	1	5	13	7	4	Guna
																												Central India, East
− 0·5	2·4	0	− 0·19	0		0	− 0·3	2·4	+ 0·2	1	0	1	0	2	10	5	3	8	7	0	0	1	0	1	8	9	4	Nowgong
− 0·7	3·0	0	− 0·20	0		0	− 0·4	3·9	0	0	0	0	2	2	7	7	3	9	1	0	0	0	0	4	12	12	1	Sutna
	5·5	0·07		0·07	9	0		3·1		0	1	2	2	1	4	7	1	12	4	2	0	0	1	0	9	12	2	Umaria
																												Berar
+ 0·7	3·1	0·16	0	0·13	9	1	+ 0·5	4·9	+ 0·5	0	2	2	3	1	2	6	7	7	2	4	2	2	1	0	4	6	9	Akola
+ 1·5		0·49	+ 0·27	0·17	3	3	+ 2·3	5·8	+ 1·6	4	3	3	2	3	4	9	2	0										Amraoti
																												Central Provinces, West
+ 1·0	4·1	0·07	− 0·03	0·04	3	0	− 0·3	5·7		3	1	3	1	1	5	8	8	0	7	2	2	1	1	4	6	7	0	Khandwa
+ 1·2	4·6	0	− 0·13	0		0	− 0·3	3·2	+ 0·9	0	3	3	2	1	5	2	2	12	2	1	3	1	1	8	5	1	8	Hoshangabad
+ 0·3	3·1	0	− 0·15	0		0	− 0·4	10·3	+ 6·3	3	4	3	2	1	6	7	4	0	3	6	0	0	0	5	3	13	0	Saugor
+ 1·6	4·5	0·02	− 0·23	0·02	9	0	− 0·7	1·7	− 0·6	1	0	0	4	4	1	1	0	19	2	0	0	1	2	5	4	5	11	Jubbulpore
+ 1·7	5·7	0·54	+ 0·08	0·26	3	2	+ 0·7	4·2	+ 1·0	0	10	2	0	1	2	5	2	8	8	4	1	0	5	3	0	2	7	Seoni
+ 2·3	5·8	1·04	+ 0·48	0·97	1	1	− 0·3	2·8	− 1·4	1	1	5	0	1	2	6	5	9	0	2	2	0	0	2	5	4	15	Nagpur
																												Central Provinces, East
+ 0·6	4·2	0·28	− 0·57	0·19	9	1	− 0·9	4·0	− 0·4	6	3	1	2	4	2	2	6	4	7	3	1	3	1	2	1	10	2	Pendra
+ 1·0	5·3	0	− 0·64	0		0	− 1·5	3·9	− 0·6	0	1	2	5	0	10	7	1	4	0	0	0	0	0	3	1	1	25	Raipur
	4·9	0		0		0		2·3		0	0	0	7	1	5	2	1	14	1	2	0	4	1	4	10	6	2	Kanker
+ 1·0	5·3	0·04	− 0·62	0·02	1	0	− 1·6	3·9	+ 1·1	0	0	3	8	2	3	4	5	5	3	1	1	6	3	3	4	6	3	Chanda
+ 1·0	8·4	2·51	+ 0·77	1·12	25	3	− 0·5	2·9		0	0	0	3	4	3	8	0	12	4	1	0	2	4	1	13	1	4	Jagdalpur
																												Konkan
0	1·6	0	− 0·05	0		0	− 0·1	6·2	− 3·5	3	3	4	8	5	1	2	3	1	4	0	0	0	0	1	8	17	0	Bombay
		0·02		0·02	6	0		6·8		1	3	3	8	5	6	0	3	1										Alibag
+ 1·3	2·4	0·13	+ 0·05	0·11	9	1	+ 0·7	6·8	− 0·1	1	1	3	3	2	4	9	7	0	2	0	1	0	0	3	9	15	0	Ratnagiri
+ 0·4	3·4	0·05		0·05	17	0		8·6		9	8	4	1	4	2	2	0	0	0	0	0	0	0	4	16	10	0	Marmagao
+ 0·6	3·2	0	− 0·52	0		0	− 0·9	4·0	+ 0·6	9	2	0	0	1	5	0	8	5	3	1	0	0	3	11	0	12	0	Karwar
		0·01		0·01	17	0				1	0	7	0	0	1	12	0	9										**Bombay Deccan**
+ 0·6	5·1	0	− 0·11	0		0	− 0·3	4·9	− 1·9	3	3	0	0	1	2	8	12	1	5	3	2	1	1	2	4	9	3	Jalgaon
+ 2·9	5·4	0·78	+ 0·47	0·26	17	3	+ 2·0	5·5	− 1·3	7	1	0	2	3	1	1	11	4	4	4	4	6	1	1	2	7	1	Malegaon
+ 2·3	4·6	0·58	+ 0·01	0·30	17	2	+ 0·7	3·6		0	1	0	1	10	1	1	3	13	3	4	0	0	0	1	10	6	6	Ahmadnagar
+ 1·7	4·6	0·31	− 0·13	0·13	9	1	0	6·8	0	8	2	4	3	6	1	4	2	0	5	1	8	4	0	4	1	4	0	Poona
	6·2	3·08		2·11	6	5		6·9		3	3	5	2	0	3	5	7	2	4	3	4	3	1	1	8	6	0	Sholapur
		1·09		0·40	22	4		6·8		1	3	4	3	1	0	9	8	1										Miraj
+ 2·1	6·6	0	− 0·70	0		0	− 1·9	4·7	− 0·1	7	4	3	4	4	1	3	4	0	1	9	9	3	3	4	0	0	1	Inchalkaranji
− 0·4	3·8	1·93	+ 0·33	1·32	20	4	+ 0·7	4·4	− 4·0	3	3	2	0	1	0	9	8	4	0	1	2	1	3	3	17	3	0	Bijapur
	4·9	1 17		0·88	7	2		6·6		0	4	3	1	1	3	11	7	0	1	8	9	1	3	1	1	6	0	Belgaum
																												Gadag
+ 1·5		0·43	+ 0·19	0·16	17, 18	2	+ 1·4	7·5	+ 0·3	4	5	2	3	1	5	3	5	2										**Hyderabad, North**
+ 1·7		0·52	− 0·28	0·33	1	2	+ 0·2	3·6	0	1	0	0	4	8	4	2	4	7										Aurangabad
																												Nizamabad
+ 1·3		0·02	− 0·90	0·02	8	0	− 2·1	7·8	+ 1·6	5	5	6	2	5	0	2	4	1										**Hyderabad, South**
0		0·06	− 0·64	0·06	8	0	− 1·3	7·4	+ 1·4	5	2	0	8	5	5	0	5	0										Gulbarga
+ 1·0		0·39	− 0·66	0·26	9	2	+ 0·1	3·0	0	1	3	2	3	3	3	5	3	7										Raichur
− 0·3		1·11	+ 0·18	1·11	24	1	− 0·7	7·0	+ 1·1	1	0	0	10	17	1	1	0	0										Hyderabad
																												Hanamkonda
+ 0·2	3·6	1·74	+ 0·82	1·40	24	3	+ 1·1	5·0	+ 0·7	1	0	1	0	1	2	21	1	3	4	3	16	1	1	0	3	2	0	**Mysore**
		6·12		1·82	9	10		3·0		1	2	2	4	2	2	0	1	16										Chitaldrug
+ 0·1		2·41	+ 0·40	0·66	10, 25	6	+ 2·2	4·4	+ 1·0	2	3	3	2	0	1	8	11	0										Balehonnur
+ 1·8	7·0	0·60	− 0·73	0·25	11	3	+ 0·7	6·0	+ 2·0	0	0	2	3	2	11	9	3	0	3	7	10	5	2	1	1	1	0	Hassan
+ 0·7	5·8	1·86	− 0·48	0·53	10	6	+ 1·7	5·5	+ 0·1	0	2	1	0	1	3	9	3	11	1	2	9	3	0	1	3	0	11	Bangalore
																												Mysore

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Relative humidity %	
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Malabar																					
Mangalore ...	72	29·752	−·019	29·639	90·9	− 0·8	92	7 days	78·5	+ 0·1	73	24	84·0	88·3	78·0	80·3	·876	+·053	·913	76	+
Calicut ...	27	29·806	−·004	29·694	91·6	+ 0·8	94	18	77·2	− 1·1	70	11	82·0	89·1	77·3	81·1	·865	−·011	·947	80	+
Cochin ...	10	29·826	−·005	29·721	88·7	− 2·9	91	1, 3, 9	78·0	− 0·6	74	4, 6, 23	83·4	85·2	77·8	78·6	·882	+·002	·901	77	+
Trivandrum ...	200	29·617	−·012	29·515	87·8	− 0·2	90	8 days	78·2	0	75	3, 29	82·6	84·7	78·2	78·5	·896	+·040	·908	81	+
Madras, Southeast																					
Pamban ...	37	29·770	−·017	29·662	89·7	− 1·5	91	7 days	80·3	+ 0·9	75	4	83·9	85·9	79·2	79·8	·928	+·012	·940	80	+
Madura ...	463	29·346	−·019	29·213	96·1	− 3·0	102	26, 27	78·6	+ 1·6	73	11	83·7	92·6	76·3	76·3	·794	−·052	·673	69	−
Negapatam ...	31	29·786	−·010	29·673	89·4	− 3·3	99	26	80·4	+ 0·9	75	5	84·7	86·5	78·9	79·6	·908	+·002	·927	77	+
Trichinopoly ...	255	29·559	−·018	29·410	98·0	− 3·1	105	26	78·9	+ 1·1	73	11	84·6	95·2	76·7	76·5	·818	+·003	·675	69	+
Coimbatore ...	1,341	28·478	−·015	28·337	95·2	− 2·1	99	18, 19	74·0	+ 0·5	70	4	80·5	91·0	74·2	74·1	·750	−·059	·608	73	−
Salem ...	913	28·899	−·016	28·731	98·8	− 2·0	104	26	76·0	− 0·4	71	11, 23	82·0	93·9	74·6	74·0	·765	−·066	·568	69	−
Cuddalore ...	39	29·777	−·013	29·654	89·8	− 3·0	98	25	78·5	+ 1·0	74	4	84·3	86·2	78·6	79·8	·914	−·015	·934	77	−
Vellore ...	703	29·101	−·022	28·965	97·9	− 1·3	106	26	77·1	+ 0·9	71	17	81·1	95·7	75·8	76·4	·821	+·011	·632	78	+
Madras ...	22	29·792	−·013	29·675	91·7	− 0·7	96	24, 26	78·1	+ 1·0	75	16, 17	85·2	87·2	78·5	79·0	·882	−·010	·878	73	−
Madras, Deccan																					
Cuddapah ...	423	29·375	+·002	29·211	103·8	− 1·6	108	4 days	80·9	+ 0·1	76	1, 17	88·6	101·5	76·9	76·1	·770	+·017	·551	57	+
Bellary ...	1,473	28·330	−·008	28·170	101·5	− 2·1	106	27	78·0	+ 0·8	74	1, 2, 3	85·1	99·7	70·1	69·5	·530	−·066	·304	45	−
Kurnool ...	923	28·872	−·004	28·704	103·2	− 0·8	108	26	79·1	+ 0·3	69	3	86·5	102·4	71·0	70·7	·549	−·122	·333	44	−1
Rentichintala ...	349	29·445		29·286	104·4		111	26	80·6		73	3	86·6	102·0	74·6	72·8	·704		·419	55	
Madras Coast, North																					
Nellore ...	66	29·739	−·001	29·613	98·3	− 1·5	106	26	78·2	+ 0·9	76	6 days	85·4	91·1	77·9	78·3	·855	−·027	·781	70	−
Masulipatam ...	10	29·794	−·020	29·679	94·1	− 0·5	99	8, 30	78·5	+ 0·9	74	2, 17	85·4	88·4	79·6	79·7	·947	−·018	·906	77	−
Cocanada ...	26	29·782	−·012	29·667	95·7	− 0·4	100	23, 25, 30	78·7	+ 0·2	75	4 days	85·4	90·8	79·2	80·1	·908	+·010	·879	75	−
Vizagapatam ...	126	29·670	−·018	29·563	88·9	− 0·8	92	25	79·4	+ 1·1	74	2	84·4	86·0	77·8	79·8	·869	+·054	·940	73	+
Calingapatam ...	19	29·771	−·018	29·657	93·9	+ 1·3	98	18	79·2	+ 1·1	74	2	85·6	87·1	79·0	80·3	·901	+·003	·927	74	−
Hill Stations, excluding Kashmir and Baluchistan																					
Maymyo ...	3,546	26·390	+·012	26·277	84·9	+ 1·1	90	11	62·6	+ 3·6	56	4	72·3	79·0	67·9	67·1	·602	+·079	·521	77	+
Haka ...	6,100	24·102		24·031	78·5		82	10, 18, 29	57·9		52	3	65·2	73·4	53·0	57·2	·277		·297	44	
Kanpetlet ...	6,322	23·932		23·855	79·3		86	27	61·2		56	4	71·1	69·3	57·3	53·9	·318		·389	43	
Shillong ...	4,921	25·089	+·025	25·003	79·0	+ 5·7	85	17	59·4	+ 3·1	46	28	69·8	70·7	58·2	60·7	·349	−·024	·420	51	−1
Cherrapunji ...	4,309	25·657	+·019	25·565	74·6	+ 4·4	83	16	60·6	+ 3·0	55	17, 28	68·3	70·3	62·1	63·2	·485	−·003	·494	69	
Aijal ...	3,599	26·312		26·215	84·6		92	17	66·3		57	23, 29	73·5	76·0	63·9	64·5	·485		·483	61	
Darjiling ...	7,432	22·925	+·022		64·5	+ 3·7	68	19, 20	52·0	+ 3·7	45	1	57·7		52·4		·330	0		71	−
Kalimpong ...	3,913	26·035	+·018	25·894	76·6	+ 3·5	81	16, 19	61·2	+ 3·0	55	1, 6	66·7	71·5	59·2	61·7	·412	−·027	·439	65	−1
Katmandu ...	4,388	25·623		25·516	88·1	+ 3·8	92	15, 28, 29	51·6	− 0·7	47	5 days	62·3	83·3	54·5	62·4	·340		·311	59	
Muktesar ...	7,592	22·846	+·039	22·797	70·3	+ 1·9	77	29	53·9	+ 4·2	41	10	59·6	65·6	45·3	48·5	·148	−·039	·170	30	−1
Mussooree ...	6,940	23·363	+·051	23·331	74·3	+ 3·2	81	29, 30	55·4	+ 1·9	45	10	61·9	76·8	48·8	51·8	·212	−·015	·221	39	−
Simla ...	7,224	23·110	+·039	23·075	68·3	+ 2·0	77	30	54·4	+ 4·1	43	11	61·8	63·3	46·9	48·1	·166	−·021	·178	31	−
Murree ...	7,082	23·206	+·056	23·181	66·5	+ 3·4	76	23, 24	50·4	+ 3·7	37	7	58·5	62·2	46·2	49·1	·180	−·038	·212	41	−
Cherat ...	4,272	25·671	+·019		74·6	+ 2·5	87	29	59·0	+ 3·5	45	7	63·8		52·9		·275	+·012		50	
Parachinar ...	5,673	24·455	+·070	24·406	72·0	+ 4·1	83	22	50·1	+ 3·7	41	7	61·3	68·2	49·4	53·3	·222	−·028	·245	45	−11
Drosh ...	4,723	25·335			70·8	+ 1·8	85	23	49·6	+ 0·7	39	7	53·2		46·5		·248	−·016		61	−
Mount Abu ...	3,945	26·007	+·008	25·933	85·4	+ 1·1	93	29, 30	69·8	+ 1·4	61	7, 8, 10	78·2	83·4	60·9	64·0	·333	+·075	·369	36	+
Pachmarhi ...	3,528	26·420	+·027	26·325	92·6	+ 0·6	99	30	69·3	0	61	13	82·1	90·3	58·8	62·0	·227	−·076	·224	22	−
Mahableshwar ...	4,534	25·501		25·421	86·0		90	27, 29	65·7		54	19	74·1	79·1	58·4	66·2	·302		·487	38	
Mercara ...	3,781	26·160	−·006	26·064	78·9	− 5·1	85	2	65·0	+ 1·5	60	10	70·8	77·6	66·7	70·2	·614	+·038	·644	81	+
Ootacamund ...	7,364	23·063	+·005	22·998	72·4	+ 0·7	76	8	52·1	+ 0·6	48	1	63·1	65·0	53·3	58·0	·298	−·018	·403	53	−
Coonoor ...	5,730	24·497			74·3		77	12, 27	57·1		53	1	67·5		60·8		·460			68	
Kodaikanal ...	7,688	22·795	+·004	22·738	66·8	− 1·4	71	27	52·7	− 0·8	49	10	59·3	60·8	53·4	56·7	·346	+·046	·423	70	+12
Ceylon																					
Colombo ...	24	29·810	−·006	29·709	86·8	− 2·6	88	6 days	75·3	− 0·7	72	1, 4, 17	78·6	85·0	76·6	78·5	·899	+·009	·901	91	+
Trincomalee ...	24	29·804	+·038	29·701	87·9	− 4·8	92	24	77·4	− 0·2	74	4	81·4	84·5	76·9	78·5	·865	−·032	·908	81	−
Hambantota ...	61	29·744	−·027	29·657	86·7	− 1·4	91	14	76·0	0	74	4 days	79·9	83·1	77·0	78·3	·885	+·046	·892	87	−
Nuwara Eliya ...	6,170	24·057		23·988	71·0		74	26	52·6		45	15	59·2	65·1	57·8	61·2	·467		·495	93	
Arabia																					
*Aden ...	98	29·836	+·083		89·1	+ 0·7	94	28, 26	77·0	− 0·9	73	5, 7	79·4		74·1		·764	−·031		77	

* Records observations at 7 hrs. (L. M. T.). b—Mean of 29 days.

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																STATION.
											8 hrs. L. M. T.									17 hrs. I. S. T.								
8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
25		26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																													Malabar
7	+0·6	4·5	3·41	+ 2·13	2·35	30	3	+ 1·0	5·8	+ 2·7	3	6	15	1	0	0	0	2	3	1	0	0	0	0	2	4	23	0	Mangalore
3	+2·0	6·2	10·26	+ 6·98	2·62	11	11	+ 6·9	8·1	+ 1·3	3	13	11	1	0	0	0	2	0	0	0	1	0	0	1	20	8	0	Calicut
3	+2·2	7·6	3·50	− 1·21	0·83	24	9	+ 2·7	6·5	+ 1·4	1	12	10	2	0	0	0	0	5	0	0	2	1	2	1	17	6	1	Cochin
4	+0·8	8·4	8·38	+ 3·91	2·13	23	11	+ 4·2	3·7	− 0·4	4	0	0	1	0	0	0	11	14	3	2	1	0	1	2	9	9	3	Trivandrum
																													Madras, Southeast
4	+3·3	5·3	1·37	− 0·25	0·57	4	4	+ 0·9	10·2	+ 4·8	0	1	5	10	9	4	0	0	1	0	3	2	8	14	3	0	0	0	Pamban
4	+2·1	7·1	1·95	− 0·08	0·76	21	4	+ 1·1	3·5	+ 0·7	2	3	9	2	0	2	4	6	2	1	3	14	7	3	1	1	0	0	Madura
5	+1·2	5·1	1·12	+ 0·55	0·68	5	2	+ 1·1	7·9	+ 2·0	0	2	1	6	4	6	1	2	8	0	4	5	12	7	2	0	0	0	Negapatam
2	+2·6	6·1	0·43	− 1·22	0·35	29	1	− 0·8	3·7	+ 0·1	1	7	3	1	2	3	8	3	2	1	6	11	8	3	0	1	0	0	Trichinopoly
7	+2·0	6·5	2·14	+ 0·70	0·74	10	5	+ 2·3	4·0	+ 1·5	4	4	1	1	3	2	0	1	14	1	2	5	5	7	7	1	1	1	Coimbatore
6	0	6·2	1·50	− 0·29	0·63	23	4	+ 0·6	5·3	+ 1·8	0	6	8	0	3	4	3	0	6	1	5	11	1	4	4	1	1	2	Salem
8	+1·0	3·8	0·92	+ 0·32	0·57	4	2	+ 1·0	6·0	+ 1·7	1	1	0	5	3	11	4	3	2	0	2	5	23	0	0	0	0	0	Cuddalore
0	−0·3	2·3	0	− 0·95	0		0	− 1·3	5·3	+ 2·3	4	1	1	1	4	4	1	1	13	0	3	9	13	3	1	0	1	0	Vellore
2	+1·2	3·2	0	− 0·53	0		0	− 0·7	10·6	+ 0·7	1	1	0	1	8	12	3	1	3	0	0	5	19	6	0	0	0	0	Madras
																													Madras, Deccan
3	+0·8	4·0	0	− 0·45	0		0	− 0·9	7·8		0	0	1	14	2	0	1	2	10	0	1	3	26	0	0	0	0	0	Cuddapah
7	+0·2	4·9	0·21	− 0·52	0·16	27	1	− 0·8	5·0	+ 1·2	5	3	4	3	1	0	3	8	3	3	4	10	7	0	0	2	3	1	Bellary
7	+1·6	4·9	0·30	− 0·26	0·26	11	1	− 0·6	5·4	+ 0·5	1	2	2	5	7	5	5	3	0	1	5	11	8	2	0	0	1	2	Kurnool
3		5·9	0		0		0		6·6		1	0	2	7	9	8	1	1	1	3	2	11	11	2	0	0	1	0	Rentichintala
																													Madras Coast, North
0	−0·9	2·7	0	− 0·36	0		0	− 0·4	6·0	+ 0·3	0	0	1	4	22	1	0	0	2	0	0	19	11	0	0	0	0	0	Nellore
0	+0·5	2·0	0	− 0·62	0		0	− 0·9	6·2	+ 0·5	1	1	0	3	14	8	0	2	1	0	0	2	6	19	3	0	0	0	Masulipatam
5	−0·3	2·1	0	− 0·56	0		0	− 0·9	6·0	+ 1·0	0	0	0	1	3	18	0	1	7	0	0	0	10	12	8	0	0	0	Cocanada
2	−0·1	5·0	0	− 0·71	0		0	− 1·6	5·7	+ 0·8	0	0	1	0	0	9	13	1	6	0	0	0	0	7	20	3	0	0	Vizagapatam
7	+0·9	3·9	0	− 0·89	0		0	− 1·6	8·6	+ 0·5	1	0	0	0	0	17	12	0	0	0	0	0	0	7	23	0	0	0	Calingapatam
																													Hill Stations, excluding Kashmir and Baluchistan
4	+2·1	3·2	5·37	+ 3·28	2·42	6	7	+ 3·7	2·4	+ 0·1	4	2	4	3	5	2	3	0	7	1	2	3	0	5	2	2	1	14	Maymyo
5		3·9	0·74		0·32	30	3		7·9		4	13	6	0	0	0	0	1	6	1	3	11	6	5	2	0	0	2	Haka
8		4·6	0·66		0·25	21	3		5·7		3	9	10	1	2	3	0	2	0	2	0	1	0	1	6	10	1	9	Kanpetlet
5	+0·8	5·6	4·79	− 0·59	1·34	23	7	− 3·1	5·8	+ 0·5	0	0	0	0	5	19	2	2	2	1	2	0	0	3	12	3	1	8	Shillong
4	−0·5	6·3	22·42	− 5·77	5·65	28	12	− 5·6	9·2	+ 2·9	0	4	2	0	0	17	5	1	1	0	1	0	0	1	24	2	1	1	Cherrapunji
1		1·9	5·91		2·49	23	7		6·9		1	1	5	5	6	7	4	1	0	0	0	3	0	1	15	9	1	1	Aijal
0	+0·8		5·08	+ 1·17	1·95	1	7	− 0·4	6·0	0	0	9	10	1	0	1	3	0	6										Darjiling
0	−0·3	5·0	4·19	+ 1·60	1·45	1	6	− 0·5	9·0		3	0	0	4	0	0	0	22	1	3	2	0	21	2	0	0	2	0	Kalimpong
7		2·7	0·76	− 1·23	0·45	29	3	− 1·5	1·4		1	2	1	2	1	0	0	0	23	0	0	0	1	3	0	21	2	3	Katmandu
8	−1·1	3·2	0·25	− 1·35	0·25	10	1	− 2·7	9·1	+ 3·5	1	3	4	1	1	2	14	2	2	1	1	1	0	0	15	12	0	0	Muktesar
8	+0·2	4·4	0·23		0·13	8	1		5·9		5	4	3	4	2	1	1	4	6	3	4	1	2	9	6	1	0	4	Mussooree
5	−0·9	5·2	1·82	− 0·12	0·89	11	4	+ 0·1	3·6	− 0·8	5	5	3	3	4	2	0	0	7	4	1	1	6	7	5	2	2	2	Simla
5	−0·6	5·9	3·78	− 0·43	1·45	7	4	− 3·1	8·3		2	4	8	9	1	0	1	3	2	0	2	3	9	3	6	4	2	1	Murree
2	+0·9		1·77	− 0·89	0·97	7	4	− 1·1	10·7	+ 2·2	12	3	0	0	0	0	0	9	6										Cherat
3	−0·1	5·3	2·17	− 2·16	0·73	13	6	− 2·9	4·8	+ 2·3	9	0	2	1	2	3	5	0	8	0	1	4	9	4	9	1	2	0	Parachinar
5	−0·5		4·25	+ 0·10	0·80	5	8	− 0·1	4·6	+ 2·1	1	4	4	2	1	3	1	0	14										Drosh
0	−0·4	1·1	0	− 0·13	0		0	− 0·8	4·6	− 1·8	3	5	0	1	2	2	9	3	5	5	0	1	1	3	11	4	2	3	Mount Abu
6	+3·1	5·7	0·03	− 0·29	0·03	8	0	− 0·7	3·3	− 1·2	3	4	4	2	2	1	6	6	2	4	4	0	1	2	2	8	6	3	Pachmarhi
7		3·8	1·99	+ 0·65	1·25	19	4	+ 2·4	7·3		5	12	4	4	0	2	0	1	2	0	1	0	2	0	4	3	19	1	Mahableshwar
1	−0·1	5·7	4·07	+ 1·44	0·54	25	11	+ 6·0	5·3	+ 2·5	0	0	0	0	0	0	1	2	27	0	0	1	0	0	2	6	5	16	Mercara
7	+1·3	7·6	4·78	+ 2·13	1·23	27	7	+ 0·7	3·9	+ 0·7	2	12	8	1	1	0	0	0	6	5	10	7	2	1	0	0	0	4	Ootacamund
5			6·76		1·90	3	10		3·1		0	1	0	17	2	0	0	0	10										Coonoor
3	+1·3	8·1	3·08	− 1·17	0·76	4	6	− 1·0	8·4	+ 0·2	8	16	1	4	1	0	0	0	0	7	13	2	2	1	0	0	2	3	Kodaikanal
																													Ceylon
6	+0·9	7·6	16·69	+ 7·26	3·23	19	18	+ 7·3			0	1	10	9	1	1	0	0	8	1	0	1	2	0	9	15	2	0	Colombo
7	+1·4	6·5	5·31	+ 3·47	1·20	4	10	+ 7·1			2	0	3	1	4	11	6	2	1	2	9	10	3	1	0	3	1	1	Trincomalee
7	+0·3	6·4	~~5·40~~ 5·20	~~+ 2·06~~ + 1·89	~~1·84~~ 1·64	4	9	+ 3·4			5	3	1	0	0	1	5	12	3	1	0	2	0	2	15	3	1	0	Hambantota
1		9·1	7·62	+ 1·90	1·32	28	13																						Nuwara Eliya
																													Arabia
3	−0·9		0	− 0·24	0		0	− 0·4	13·3	+ 2·0	11	4	4	5	2	1	1	0	2										Aden

b—Mean of 29 days.

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Relative humidity %	
		Mean 4 hrs. G. M. T.	Departure from normal.	Mean 12 hrs. G. M. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 4 hrs. G. M. T.	Mean 12 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Mean 12 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Departure from normal.	Mean 12 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Departure from normal.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Iran																					
Charbar ...	25	29·798		29·742	86·9		98	29					77·7	83·4	72·4	75·3	·709		·758	77	
Jask ...	13	29·801		29·734	84·7	− 1·8	93	28	71·4	− 1·1	65	1	75·9	82·8	69·1	74·8	·613		·758	70	
Bunder Abbas ...	29	29·813		29·715	88·3		97	19	69·1		65	7, 8	80·0	85·1	70·4	74·9	·604		·731	62	
Bushire ...	14	29·820		29·798	80·0	− 1·1	94	16, 19	67·0	− 0·1	57	2, 3	70·3	77·1	66·7	72·6	·614		·750	82	
Ispahan ...	5,817	24·38*		24·35*	75·3	+ 3·9	87	29	47·9	+ 2·0	36	3, 4	57·1	74·6	45·8	51·7	·191		·148	38	
Meshed ...	3,104	26·60*		26·52*	76·1	+ 8·1	92	30	47·8	+ 2·3	35	5	59·0	73·0	51·8	58·1	·307		·308	61	
Seistan ...		28·175		28·053	88·3	+ 4·2	98	19	60·0	+ 1·9	46	8	67·7	86·1	60·7	71·6	·449		·601	64	
Arabia																					
Bahrein ...	8	29·850		29·810	83·5	+ 2·2	99	29	68·1	− 1·9	59	7	73·9	80·0	69·7	73·2	·678		·716	81	
Muscat ...	15	29·816		29·747	86·5	− 1·1	100	3	76·5	− 2·5	70	1	82·0	82·5	73·2	75·5	·689		·772	67	
Sharjah ...	18	29·828		29·771	85·0		99	2	62·6		55	8, 14	71·5	81·3	62·3	70·3	·435		·584	59	

* Aneroid.

TABLE IV—ABSTRACT OF OBSERVATIONS RECORDED AT 8 HRS. (L. M. T.) AT 4TH CLASS STATIONS—APRIL 1938

STATION.	Maximum temperature °F.				Minimum temperature °F.				Mean dry bulb temperature 8 hrs. L. M. T. °F.	Mean wet bulb temperature 8 hrs. L. M. T. °F.	Vapour pressure, inches.		Relative Humidity %		Mean cloud amount 8 hrs. L. M. T.	Rainfall, inches.				Number of rainy days (0·10" or more).		Wind.	
	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.			Mean 8 hrs. L. M. T.	Departure from normal.	Mean 8 hrs. L. M. T.	Departure from normal.		Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Resultant direction 8 hrs. L. M. T.	Velocity in
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
Assam																							
Lumding ...	93·5	+ 5·2	102	18	68·4	+ 2·7	63	14	74·1	69·0	·640		76			4·71	+0·54	1·74	24	8	− 0·7		
Bengal																							
Pabna ...	100·5	+ 4·6	106	15	74·6	+ 3·3	65	2	83·2	78·2	·889	+ ·085	79	0		2·09	−0·79	0·93	29	4	− 0·7		
Punjab, East and North																							
Gurdaspur ...									78·6	63·1	·368		41		2·0	0·33		0·21	7	1		N 58 E	1
Kashmir																							
Jammu ...	93·7	+ 3·6	103	23,24,30	72·7	+ 3·9	60	8	78·1	61·7	·335	− ·031	37	− 4	1·9	0·80	−0·67	0·45	8	3	+ 0·1	N 18 E	
Kargil ...	53·9	− 4·6	68	23	35·5	+ 2·9	24	1, 2, 3	39·7	35·4	·164	− ·014	71	+ 6	5·3	1·35	−0·67	0·50	6	6	+ 2·3	N 24 E	
N.W. F. Province																							
Bannu ...	90·3		102	22	65·3		53	8	75·7	62·2	·375		46		3·0	0·20		0·18	8	1		N 67 W	
Wana ...	79·4		90	20, 21	50·5		40	7	64·5	52·4	·250		45		2·2	0·43		0·17	5	1		S 39 W	
Hyderabad, North																							
Bidar ...	96·6	− 2·5	103	24	76·7	+ 1·6	68	9	84·2	71·3	·582	+ ·026	51	+ 4	4·4	0·58	−0·57	0·33	13	3	+ 0·5	S 78 W	5
Mysore																							
Nandi ...	84·7		87	27	64·7		60	1	70·8	66·4	·596		80		2·9	0·36		0·29	25	1			
Tibet																							
Yatung (Chumbi) ...	61·9	+ 6·1	67	24	33·7	− 1·6	30	17	44·9	43·8	·279	+ ·051	93	+ 6	2·2	2·96	−1·53	0·52	10	13	+ 2·1		
Iran																							
Zahidan ...	83·8		94	30	54·1		40	7	70·1	63·9	·526		71		0·5	0·12		0·12	5	1		S 67 W	8

b—Mean of 29 days.

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																	STATION.
											4 hrs. G. M. T.									12 hrs. G. M. T.								
4 hrs. G. M. T.	Departure from normal.	Mean 12 hrs. G. M. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
4	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																													Iran
9		0·7[b]	0		0		0		4·8[g]		3	3	0	0	0	0	2	11	8	0	10	0	4	3	8	1	1	2	Charbar
9		1·5	0	− 0·18	0		0	− 0·5	9·4	+ 1·2	2	4	7	0	0	0	6	9	2	0	0	0	6	4	13	7	0	0	Jask
1		1·3	0		0		0		6·9		1	11	2	2	2	1	1	3	7	0	0	0	10	12	8	0	0	0	Bunder Abbas
1		1·2	0·20	− 0·31	0·20	2	1	− 0·3	11·1	+ 4·5	7	4	2	3	1	1	3	6	3	1	0	0	1	3	5	7	13	0	Bushire
7		4·3	0·22	− 0·39	0·21	19	1	− 1·4	3·5	− 0·1	1	0	1	0	1	5	1	0	21	0	1	0	0	1	8	3	0	17	Ispahan
9		5·5	0·68	− 1·16	0·26	23	3	− 1·8	2·2	+ 0·3	0	0	1	3	0	0	0	0	26	1	1	1	1	0	0	1	1	24	Meshed
5		0·3	0	− 0·15	0		0	− 0·6	4·7	− 2·8	0	0	0	0	0	0	0	14	16	0	0	0	0	0	0	0	6	24	Seistan
																													Arabia
4		2·3	0	− 0·23	0		0	− 0·7	7·9		6	2	0	3	2	1	2	8	6	12	2	7	3	0	0	0	6	0	Bahrein
4		1·2	0	− 0·40	0		0	− 0·9	4·1	+ 0·6	2	0	3	0	0	0	5	11	9	1	11	1	2	1	0	0	7	7	Muscat
0		1·5	0		0		0		6·9		1	0	0	7	12	3	0	0	7	4	1	0	0	0	4	9	12	0	Sharjah

b—Mean of 29 days. *d*—Mean of 27 days. *g*—Mean of 24 days.

TABLE V—ABSTRACT OF OBSERVATIONS RECORDED AT 8 HRS. (L. M. T.) AT 5TH CLASS STATIONS—APRIL 1938

DIVISION.	STATION.	Rainfall, inches.				Number of rainy days (0·10" or more).		DIVISION.	STATION.	Rainfall, inches.				Number of rainy days (0·10" or more).	
		Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.			Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.
1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8
Bengal ...	Bankura ...	0	−1·32	0		0	−2·8	Baluchistan ...	Harnai ...	0·15	−0·68	0·06	6	0	−1·9
	Rampur Boalia ...	0	−1·78	0		0	−2·8								
	Sirajganj ...	1·88	−1·43	1·27	28	4	−0·8	Rajputana, East...	Udaipur ...	0	−0·16	0		0	−0·3
	Rangpur ...	1·54	−1·55	0·98	25	3	−1·5	Bombay Deccan ...	Khandala ...	0		0		0	
	Cooch Behar ...	6·43	+1·00	2·83	22	7	−0·3								
								Hyderabad, North.	Parbhani ...	0·21	−0·01	0·14	1	1	+0·1
Bihar ...	Muzaffarpur ...	0	−0·51	0		0	−1·1								
	Chapra ...	0	−0·34	0		0	−0·8	Madras Southeast.	Palamcottah ...	4·51	+2·02	1·52	24	7	+3·1
	Arrah ...	0	−0·28	0		0	−0·6	Madras Deccan ...	Anantapur ...	0·06	−0·41	0·06	25	0	−1·0
	Dehri ...	0	−0·24	0		0	−0·6								
								Sikkim ...	Gnatong ...	8·42	−1·28	1·15	17	13	−2·7
United Provinces West.	Meerut ...	0	−0·43	0		0	−0·8		†Lachung ...						
								Addenda for March							
Punjab, East and North.	Dharampore ...	0·10		0·10	8	1									
	*Kyelang ...							Bengal ...	Bankura ...	0	−1·25	0		0	−2·2
	Dalhousie ...	2·41	−1·07	0·65	7	8	+3·1								
Kashmir ...	Sonamarg ...	7·32	−2·75	2·10	6	13	−0·2								
	Gurez ...	7·37		1·15	5	11									

* Temporarily closed. † Return not received.

Y. F. P.—S 1067—335—14-7-38.

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MONTHLY FREQUENCY TABLES

of

Horizontal Visibility, Height of Base of Low Cloud and Surface and Upper Winds at Pilot Balloon Stations

April 1938

Supplement to the Monthly Weather Report, April 1938

Published by authority of the Government of India

Tables of Wind Frequency:—Data for table 1 are obtained from pilot balloon ascents at dawn, except for stations marked (a_1) and (a_2), where ascents are made at 0900 hrs. (I. S. T.) and 0900 hrs. (L. T.) respectively. Table 4 is based on ascents generally at 1400 hrs. (I. S. T.); at stations marked (b_1), (b_2) and (c), ascents are made at 1500 hrs. (I. S. T.), 1500 hrs. (L. T.) and 1600 hrs. (I. S. T.) respectively. Table 7 gives data from p. b. ascents at 0330 hrs. (I. S. T.) for stations marked (d_1), and at 0330 hrs. (L. T.) for those marked (d_2). Indian Standard Time = Greenwich Mean Time + 5 hours 30 minutes. Occasionally, due to weather conditions, results of an ascent made 2 to 4 hours after the routine hours are used.

The symbols used in the tables of wind frequency have the following meaning: – ϕ = Latitude of the station; λ = Longitude of the station; H_s = Height of the anemometer head (i.e. to which the values of the surface wind relate) above mean sea level; C = the number of observations when the speed of wind is 5 km./hr. or less and n = number of observations.

Tables of Frequency of Heights of base of Low cloud:—Tables 2, 5, 8 and 11 are based on observations made at the routine hours of pilot balloon flights or within half an hour of the same. Heights which are either measured or estimated are given.

In the first row of these tables, for amounts of low cloud 1-10, the number under code figure 9 gives occasions when there was no low cloud, and in the second row, for amount of low cloud = 9 or 10, the number under this code figure gives all occasions when the total amount of cloud (whether low, medium or high) was 9 or 10.

Tables of Frequency of Horizontal Visibility:—Data for table 3 are obtained from observations during 0700-0900 hrs. (Local time), for table 6 from observations during 1400-1600 hrs. (Local time), and for table 9 from observations at about 0330 hrs I. S. T. or Local time.

The Code figures used in the tables Nos. 2, 3, 5, 6, 8, 9 and 11 have the following meaning:—

Code figure ..	0	1	2	3	4	5	6	7	8	9
Cloud height ...	Less than 50 m.	50 to 99 m.	100 to 199 m.	200 to 299 m.	300 to 599 m.	600 to 999 m.	1000 to 1499 m.	1500 to 1999 m.	2000 to 2500 m.	No Low cloud / Total amount of cloud = 9 or 10
Visibility ...	Less than 50 m.	50 to 200 m.	200 to 500 m.	500 to 1000 m.	1000 to 2000 m.	2000 to 4000 m.	4000 to 10000 m.	10000 to 20000 m.	20000 to 50000 m.	Greater than 50000 m.

POONA:
The 14th November 1938.

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

[Price 6 annas.]

U87

STATION.	Speed limits (km./hr.).	Surface.										0·5 km. above Surface.										1·0 km. a. s. l.										2·0 km. a. s. l.									
		n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C
Agra ...	6–25	30			2		1	2	10	5	10	30	6	3	1	3		1		5	1	30	6	4		3	1		3	2	1	30		1			1	2	6	
ϕ = 27° 08′ N ...	26–50												2	1					3	2			1						3	4									7	
λ = 78° 01′ E ...	51–75																			2									1	1										
H_s = 181 metres ...	>75																																								
Ahmedabad ...	6–25	30		1	1			2	1	1	24	30	1	2						2		30	4	4					4	3		30	6	3		1	2	2	6	
ϕ = 23° 02′ N ...	26–50												2	5					4	8			3	1		1			4	6								3	2	
λ = 72° 35′ E ...	51–75												3			1				2																				
H_s = 55 metres ...	>75																																								
Allahabad (a_1) ...	6–25	30	1			1	2	5	3	2	16	30	2		2	1	4	3	2	7	1	29			2	1	1	4	6	6		29	1		1			1	8	
ϕ = 25° 26′ N ...	26–50																	2	1	4									2	6									4	
λ = 81° 50′ E ...	51–75																			1										1										
H_s = 111 metres ...	>75																																							
Bahrein (a_2) ...	6–25	30	1	2		2	1	3	4	8	7	30	1	1	1		3	3	2	3	1	30	3	3	1	1	2	1		2	1	30	4	3			1	1		
ϕ = 26° 14′ N ...	26–50		1							1			3			2	1		1	3			2			3	2		4			1				3	2	1	
λ = 50° 35′ E ...	51–75												4							1			2						3										
H_s = 14 metres ...	>75																																							
Bangalore ...	6–25	30				4	1	10	5	1	9	30	5	2	1	5	3	4	7		3	30		1		3	2	6	14		4	27	3	10	10	2				
ϕ = 12° 58′ N ...	26–50																																		2					
λ = 77° 36′ E ...	51–75																																							
H_s = 936 metres ...	>75																																							
Bhuj ...	6–25	30	1					6	3		20	30	4	1					1	4		30	2	4	1	1			4	4		30		2	4		2	2	5	
ϕ = 23° 15′ N ...	26–50												3						5	9			1						6	7								6	
λ = 69° 48′ E ...	51–75																		1	2																			1	
H_s = 113 metres ...	>75																																							
Bombay (Juhu) (a_1) ...	6–25	30				4		4	3	4	15	30	8	7	1	1	6	1		2	1	30	3	4	2	1	1		1	2		30	3	9	1	1	1	2	1	
ϕ = 19° 17′ N ...	26–50												1	1	1								6	7						3				5	1				1	
λ = 72° 50′ E ...	51–75																																							
H_s = 5 metres ...	>75																																							
Calcutta (a_1) ...	6–25	30				1	2	20		1	6	30	2	1			2	5	3	2		30	1	2				7	2	5	1	26		1	1		2	5	5	
ϕ = 22° 32′ N ...	26–50												1				1	10					1					7	4									1	
λ = 88° 20′ E ...	51–75																	3																						
H_s = 22 metres ...	>75																																							
Chittagong ...	6–25	30				10	1				19	30	2	2	1	1	2	5	2	3		29	5		1	1	1	4		4	1	27	6						2	
ϕ = 22° 21′ N ...	26–50																11	1									5	6		1							8	2	
λ = 91° 50′ E ...	51–75																																						1	
H_s = 21 metres ...	>75																																							
Dacca ...	6–25	30			1	9	5	2			13	30	2				3	3	3	1	1	26	2				2	2	5	3		21					4	3	
ϕ = 23° 43′ N ...	26–50												1				7	5	1								2	7									5	
λ = 90° 24′ E ...	51–75																3										1	2									1	1	
H_s = 21 metres ...	>75																																							
Fort Sandeman ...	6–25	30			2			2	2		24	30	8	1			1	9	7	1	2											30	7	1				6	9	
ϕ = 31° 21′ N ...	26–50																	1																				1		
λ = 69° 27′ E ...	51–75																																							
H_s = 1419 metres ...	>75																																							
Gaya (a_1) ...	6–25	30				2	1	11	7	1	7	30	1			1	2	5	7	6	2	30	2			1	1	2	8	5	2	29							8	
ϕ = 24° 49′ N ...	26–50								1										6										5	3									6	
λ = 85° 01′ E ...	51–75																												1											
H_s = 117 metres ...	>75																																							
Gwador (a_2) ...	6–25	30			3	2		3	11	2	9	30	1	1	2		4	5	7	1	1	29	1	1	1			4	7	5	1	24	1	2	2	1			4	
ϕ = 25° 08′ N ...	26–50																		6	2									5	3									3	
λ = 62° 19′ E ...	51–75																												1										1	
H_s = 10 metres ...	>75																																						1	
Hyderabad (Dn.) ...	6–25	29		1	1	1	3		2	2	19	29	2		1	4	6	2	3			29	2		1	4	5	1	1		1	29	2	5	6	3	6	2		
ϕ = 17° 26′ N ...	26–50												1	1		3	2	3		1			1	1		3	2	4	2	1					1		1			
λ = 78° 27′ E ...	51–75																																							
H_s = 555 metres ...	>75																																							
Jacobabad (a_1) ...	6–25																																							
ϕ = 28° 17′ N ...	26–50																																							
λ = 68° 29′ E ...	51–75																																							
H_s = 66 metres ...	>75																																							
Jodhpur (a_1) ...	6–25	30	1	6	3	4		12	1	1	1	30	3	2	2	2	2		3	1		30	5		4		2	1	4	1		30	1	1	1	1		6	4	
ϕ = 26° 18′ N ...	26–50							1							2			7	4	1								5	6	2							4	4	
λ = 73° 01′ E ...	51–75																		1																				
H_s = 232 metres ...	>75																																							
Jubbulpore ...	6–25	29	1	1		1	1		1		24	30	3	5	1	1	1		1	3	2	30	2	6		1	1	1	3	5	2	30	5			2	1	2	3	
ϕ = 23° 10′ N ...	26–50													2				1	3	2			1	1				3	2	5			1	1					
λ = 79° 57′ E ...	51–75																																							
H_s = 402 metres ...	>75																																							
Karachi (DrighRoad) (a_1)	6–25	30						6	9	4	10	30	4	1				1	2	5	1	28	1	1		1		2	3	3		28	1	2	1	1	1	3	2	
ϕ = 24° 54′ N ...	26–50								1										10	5			2						9	5							1	7	
λ = 67° 11′ E ...	51–75																		1										1										
H_s = 30 metres ...	>75																																							

...ed ...its ...m./ ...h.	3·0 km. a. s. l.										Amounts of low cloud.	No. of observations with Code figures.										No. of observations with Code figures.										STATION.
	n	N	NE	E	SE	S	SW	W	NW	C		0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
-25	30						2	3	3		1 — 10							1		1	28							30				Agra
-50							1	9	8																							
-75								4			9 or 10										1											
>75																																
-25	29	1	2	1	1	1	5	3	1	1	1 — 10								1		29					1		15	14			Ahmedabad
-50							8	4																								
-75							1				9 or 10										1											
>75																																
-25	21					3	1		1		1 — 10									1	29							5	25			Allahabad (a_1)
-50		1						7	6																							
-75								1	1		9 or 10										1											
>75																																
-25	26	1	1	1		1		2	6		1 — 10										30						1	5	23	1		Bahrein (a_2)
-50		2					2		2																							
-75							1	1			9 or 10										1											
>75																																
-25	23		2	1							1 — 10				2	6	3	3	2		14						4	20	8		1	Bangalore
-50		1	9	9																												
-75				1							9 or 10				1						10											
>75																																
-25	30	4		2		1	4	7	4		1 — 10										30							7	23			Bhuj
-50		1	1				3	1																								
-75							1	1			9 or 10																					
>75																																
-25	27		6	5	4	2	3	2	1	1	1 — 10						2	2	2	4	20							19	11			Bombay (Juhu) (a_1)
-50				1			1	1																								
-75											9 or 10										6											
>75																																
-25	19	1					4	6	2	1	1 — 10					1	5	4		2	18					1	6	22	1			Calcutta (a_1)
50							1	1	3																							
-75											9 or 10										1											
>75																																
-25	21	2					2	3	6		1 — 10	1	1	1		4	8	7			8					1	6	18	3	2		Chittagong
-50								7	1																							
-75							1				9 or 10		1	1		3	1	1			11											
>75																																
-25	14						1	4	2		1 — 10			2	6	8	2	1			11							30				Dacca
-50								6	1																							
-75											9 or 10			1	1	1	1				6											
>75																																
-25	30	4						3	6		1 — 10							1	3	2	24						1	8	14	7		Fort Sandeman
-50		3					3	4	7																							
-75											9 or 10										7											
>75																																
-25	26						1	1	1		1 — 10										30							20	10			Gaya (a_1)
-50								12	6																							
-75								1	4		9 or 10										1											
>75																																
-25	17	2		1			2	5	2		1 — 10					2	7	1			20				1			7	21	1		Gwador (a_2)
-50				2	1		1	1																								
-75											9 or 10						1				3											
>75																																
-25	29	4	9	7	4			1	1		1 — 10									3	27					1	1	11	7	9	1	Hyderabad (Dn.)
-50			3																													
75											9 or 10																					
>75																																
25											1 — 10																1	3	26			Jacobabad (a_1)
50																																
-75											9 or 10																					
>75																																
-25	25	2	1			1	3	4	2		1 — 10								1		29						1	7	21	1		Jodhpur (a_1)
-50		3				2	1	3	1																							
-75							2				9 or 10										2											
>75																																
-25	27	2		1	1	1	1	5	7		1 — 10								1	1	28									30		Jubbulpore
-50							2	5	2																							
-75											9 or 10										2											
>75																																
-25	20	4		1		1	1	1	2	2	1 — 10					4	4		1		21							4	26			Karachi(DrighRoad)(a_1)
-50		1	1	1				1	2																							
-75								1	1		9 or 10					1					5											
>75																																

STATION.	Speed limits (km./hr.).	Surface.										0·5 km. above Surface.										1·0 km. a. s. l.										2·0 km. a. s. l.								
		n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	N
Lahore	6–25	30		2	1	1				2	24	30	8	4	1	3	1			5	3	30	7	4	2	2	2	1	1	4	2	30	4	3	1	1	2	2	1	
ϕ = 31° 35′ N	26–50															3		1		1						1	1	1		2					3	1				
λ = 74° 20′ E	51–75																																				1			
H_s = 221 metres	>75																																							
Madras	6–25	30						1			29	30		1	1	2	13	5	1			30			4	9	10	4	1			29		5	8	3				
ϕ = 13° 04′ N	26–50																4	3								1	1						1	7	4	1				
λ = 80° 15′ E	51–75																																							
H_s = 13 metres	>75																																							
Malegaon	6–25	30						1	1	14	14	30	3	3			1	1	1	4	1	30	4	3				1	2	3	1	30	6	6	2	1		1	3	
ϕ = 20° 33′ N	26–50												2	3			1	2		8			2	3			1	2						3	1			1		
λ = 74° 32′ E	51–75																																							
H_s = 437 metres	>75																																							
Mangalore	6–25	30		4	11						15	30	7	1	1		1	2	4	12	2	29	11	2	1		2		2	7	2	29	3	7	3	4			1	
ϕ = 12° 52′ N	26–50																													2				5	1					
λ = 74° 51′ E	51–75																																							
H_s = 40 metres	>75																																							
New Delhi (a_1)	6–25	30	2	1			1	1	10	6	7	30	2		1	2	1	1	4	9		30	1			4	1		4	11		29			1		1	2	4	
ϕ = 28° 39′ N	26–50								2			2					1	2		3			1					2		4			1				2		
λ = 77° 15′ E	51–75																												1										1	
H_s = 227 metres	>75																		1	1										1										
Peshawar	6–25	30				1		6	2	1	20	30	9	3		1			1	12	2	30	10	2					2	12	1	30	9	1	2	2	1	2		
ϕ = 34° 01′ N	26–50																			2			1							2			1						
λ = 71° 35′ E	51–75																																							
H_s = 368 metres	>75																																							
Poona	6–25	30					3	15			12	29	5	4	1	3	1	1	1	6		29	5	2	1	2	2		5	8		30	3	6	3	2		1	2	
ϕ = 18° 32′ N	26–50												2	1						4				1						3			1	5		1		1	1	
λ = 73° 51′ E	51–75																																							
H_s = 589 metres	>75																																							
Port Blair	6–25	30	1	2	2	2		1	7	6	9	30	1	2	3	2	4	2	6	5	1	29	1	1	4	2	3	5	4	2	3	19	1	2	8	2		2	1	
ϕ = 11° 40′ N	26–50														2				2						2	1			1						1				
λ = 92° 43′ E	51–75																																							
H_s = 87 metres	>75																																							
Sambalpur	6–25	30		1				1			28	30	2		3	1	1	6	5	1		30	1	1	1			5	5	4	1	30	4		1	1	1	2	5	
ϕ = 21° 28′ N	26–50																	10		1					1			2	7	2								2	
λ = 83° 58′ E	51–75																																							
H_s = 153 metres	>75																																							
Sharjah (a_2)	6–25	30		1		3	4	10	1	2	3	29	3		1		5	7	4	1		30	2			3	1	4	6	6		28	3		1	3	2	4	3	
ϕ = 25° 20′ N	26–50					1											1	3	2								1	2	2	2			1					2	
λ = 55° 24′ E	51–75																2											1									1	2	
H_s = 13 metres	>75																																							
Tezpur	6–25	30		8	6						16	29		2	9	2		1	1			29	1	1	8	8	3	3	1	1	1	26						4	7	
ϕ = 26° 37′ N	26–50														13					1									2									2	8	
λ = 92° 47′ E	51–75																																						2	
H_s = 76 metres	>75																																							
Trichinopoly	6–25	30	1	1					3	1	24	30		2	1	3	7	3	7	2	2	30	1	1	2	6	5	4	7	2	1	29	6	9	7	1				
ϕ = 10° 49′ N	26–50																		8						1									2	3					
λ = 78° 42′ E	51–75																																							
H_s = 88 metres	>75																																							
Trivandrum	6–25	30	11	5						6	8	29	2		1	2			4	7	1	28	3		2				6	9	2	27	4	8	6		1			
ϕ = 8° 31′ N	26–50												4							8					1					5			1	1	1		1		
λ = 77° 00′ E	51–75																																							
H_s = 78 metres	>75																																							
Vizagapatam	6–25	30						11	4		15	30	1				1	7	4		1	30		1			4	10	3	1	2	27	3	6	4		4	1	2	
ϕ = 17° 42′ N	26–50																	13	2				1				1	7							2	1			
λ = 83° 18′ E	51–75																	1																					
H_s = 56 metres	>75																																							

	3·0 km. a. s. l.										Amounts of low cloud.	No. of observations with Code figures.										No. of observations with Code figures.										STATION.
	n	N	NE	E	SE	S	SW	W	NW	C		0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
5	28	1	2		1		4	1	4		1 — 10									4	26					3	7	12	8			Lahore
0		1				4			10																							
5											9 or 10									1	3											
5																																
5	27	1	2	4						1	1 — 10						12	2			16							1	16	13		Madras
0		2	8	8																												
5			1								9 or 10										4											
5																																
5	30	1	4	5	3	1	7	3	1	1	1 — 10									6	24					1	4	25				Malegaon
0							2	2																								
5											9 or 10										5											
5																																
5	23		1	3	1					1	1 — 10						10	5	1	3	11						11	19				Mangalore
0		1	8	8																												
5											9 or 10							1	1		7											
5																																
5	28	3		1			2	4	3		1 — 10								2		28					2	21	7				New Delhi (a_1)
0						1	3	4	4																							
5									8		9 or 10																					
5																																
5	28	1	3	1		1	3	5	5		1 — 10					1		1	2	3	23					1		1	7	21		Peshawar
0		1				2	1		4																							
5								1			9 or 10					1				1	9											
5																																
5	29	2	1	11	2	2	2			1	1 — 10									6	24							30				Poona
0			1	2	2	2	1																									
5											9 or 10									1	6											
5																																
5	8		1	4	1			1		1	1 — 10					25	3				2						7	17	4	2		Port Blair
0																																
5											9 or 10										21											
5																																
5	26	3		1	1	1	1	3	12	1	1 — 10								1	1	28						27	3				Sambalpur
0								1	2																							
5											9 or 10										7											
5																																
5	23	1	2	2	2	1	1	1	3		1 — 10					1	2		1	1	25							15	15			Sharjah (a_2)
0		4			1			1	1	1																						
5							1	1			9 or 10										1											
5																																
5	15							1			1 — 10				2	2	1	4	3	5	13				1	3	15	11				Tezpur
0								12																								
5								2			9 or 10				1	2	1	2	2	3	14											
5																																
5	20		3	1					1		1 — 10					2	1	1	5		21							8	20	7		Trichinopoly
0			6	7	1																											
5			1								9 or 10										4											
5																																
5	22	1	1	3	1			1	1		1 — 10					1	8	6			15				1	1	5	13	10			Trivandrum
0			6	7																												
5					1						9 or 10					1	1				11											
5																																
5	28	4	10	3						1	1 — 10					9	3			1	17						19	11				Vizagapatam
0			4	1																												
5											9 or 10										5											
5																																

STATION.	Speed limits (km./hr.).	Surface.										0·5 km. above Surface.										1·0 km. a. s. l.										2·0 km. a. s. l.									
		n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C
Agra ...	6-25	30		1		1		3	9	13	3	30	1	1			2	3	9	9	1	30	1	1			1	1	11	13	1	30		1				3	7		
	26-50																		1	3									1				1					1	4		
	51-75																																								
	>75																																								
Ahmedabad ...	6-25	30		4				5	7	6	8	28	4	1			2	2	8	7	1	30	4	1	1		3	3	8	8		30	1	4	1		1	1	11	
	26-50																	1	1	1									2										6	
	51-75																																								
	>75																																								
Allahabad (b_1) ...	6-25	30						1	5	18	5	30	2						6	9	1	29	2	1				1	9	7		28						1	8	
	26-50		1											1					5	5									6	3									6	
	51-75																			1																				2	
	>75																																								
Bahrein (b_2) ...	6-25	30	8	2	3	2	1			10	4	29	2			2	2	3		4	2	29	1	1	1	1	2	2	1	5	1	28	3	1			1	3	3	
	26-50												6			1				3			1				1		1	7							1	2	
	51-75												1				1			2			3						1	1							1		
	>75																																								
Bangalore ...	6-25																																								
	26-50																																								
	51-75																																								
	>75																																								
Bhuj ...	6-25																																								
	26-50																																								
	51-75																																								
	>75																																								
Bombay (Juhu) (b_1) ...	6-25	30						8	4	16		30	5						3	7	1	30	9	4	3	2	2	1	1	2	2	30	4	3	9	1	2		1	
	26-50									2			3							2			1							3			1						1	
	51-75																																								
	>75																																								
Calcutta (b_1) ...	6-25	30				3	7	14	1	.	5	30		1		1	6	3	5		1	30	1				6	4	9	5		29	1					3	11	
	26-50																9	3										5											3	
	51-75																	1																							
	>75																																								
Chittagong ...	6-25	30				1	4	23	1	1		30					2	3	5	4		29	5			1	4	5	1	1	2	27	5				2	3	3	
	26-50																6	4		1							4	2					2					5	3	
	51-75																											1													
	>75																																								
Dacca ...	6-25	30				8	10	4	1	1	6	30				2	8	5	1	3		30				1	3	6	2	2	1	22					3	5	
	26-50																8	2		1							6	8									1	7	
	51-75																																								
	>75																																								
Fort Sandeman ...	6-25	30	2	1			1	5	1	6	14	30	3	3	1		2	3	8	4	2											30	4	2	1		2	5	6	
	26-50																	3		1																		3		
	51-75																																								
	>75																																								
Gaya (b_1) ...	6-25	30	2				1	3	6	14	1	30	2	1			1	2	4	6		30	2					2	5	8	2	27						1	6	
	26-50								1	2									5	8									7	4								8	
	51-75																		1																				1	
	>75																																								
Gwador (b_2) ...	6-25	30				3	6	18	1		1	30					1	1	8	7		29	1	1	1		2	2	12	2	1	27	1	2	3		1	2	5	
	26-50							1											3	8								3	8	1						1		1	4	
	51-75																			1																					
	>75																																								
Hyderabad (Dn.) ...	6-25																																								
	26-50																																								
	51-75																																								
	>75																																								
Jacobabad (c) ...	6-25	30	1				1	3	2	1	22	29	1				3	4	6	5	6	2	30	1		1	3	4	7	5	5	2	30	2		1	1	5	7	7	
	26-50																		1	1									1	1								1	2	
	51-75																																								
	>75																																								
Jodhpur (b_1) ...	6-25	30				1		9	4	6	3	30	3				1	1	4	6	4	1	30	3			1	2	4	6	5		28	3	1	1		1	4	7	
	26-50							4	2	1									4	6									4	5							1	1	4	
	51-75																																						1		
	>75																																								
Jubbulpore ...	6-25	30	1	1		1	1	3	9	5	9	29		1	1			4	13	2	4	30	1	1		1	1	2	13	5	3	29	3		1	2		2	11	
	26-50															1			1	2						1				1							1		4	
	51-75																																								
	>75																																								
Karachi (Drigh Road) (b_1)	6-25	30						14	1			30					3	2	8	3		30				2	1	5	1	4		29	3	1	1	1	1	4	3	
	26-50							8	5	1									9	1			1					2	10	3								1	4	
	51-75								1										4										1										3	
	>75																																								

3·0 km. a. s. l.										Amounts of low cloud.	No. of observations with Code figures.										No. of observations with Code figures.										STATION.
n	N	NE	E	SE	S	SW	W	NW	C		0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
29	1					2	10	3		1 — 10			1					2	9	18						1	23	6			Agra
	1					2	3	6																							
								1		9 or 10										1											
28		2	2			2	6	3	2	1 — 10									1	29						1	2	27			Ahmedabad
						1	5																								
						2	3			9 or 10										1											
22						1	5	2		1 — 10							3	4	2	21					1	2	5	22			Allahabad (b_1)
							9	4																							
							1			9 or 10										3											
21	2	1	2		2		1	4	1	1 — 10									1	29						1	2	7	20		Bahrein (b_2)
	1						4	2																							
							1			9 or 10																					
										1 — 10																3	18	4	5		Bangalore
										9 or 10																					
										1 — 10																	8	22			Bhuj
										9 or 10																					
23	1	4	5	5	4	2	2	1		1 — 10							3	1	1	25								29	1		Bombay (Juhu) (b_1)
			2			2																									
										9 or 10										3											
23						1	5	5		1 — 10						1	4	5	3	17						2	28				Calcutta (b_1)
							2	10																							
										9 or 10										1											
22	4						8	3	1	1 — 10					1	14	8	1		6							10	18	2		Chittagong
	2						5	3																							
								1		9 or 10										1											
16							2	1		1 — 10							4	18	5	3							30				Dacca
							10	1																							
								2		9 or 10																					
30	2	2			2	7	9	3	1	1 — 10						1	2	16		11						1	4	13	12		Fort Sandeman
						2	1	1																							
										9 or 10										5											
18						1	1			1 — 10						1	2	2	3	22						1	12	17			Gaya (b_1)
						1	7	6																							
						1		1		9 or 10										1											
24	2	2	1	1	2		3	3		1 — 10					2	3				25					1		7	20	2		Gwador (b_2)
			3	1			4	1																							
	1									9 or 10																					
										1 — 10																	2	2	26		Hyderabad (Dn.)
										9 or 10																					
25			1		3	3	3	7		1 — 10								2	5	23							4	26			Jacobabad (c)
							4	3	1																						
										9 or 10										5											
26	2		1			3	9	4	1	1 — 10									12	18							1	16	13		Jodhpur (b_1)
						2	2	1																							
										9 or 10										3											
						1																									
27	2		1			1	10	6		1 — 10								3	13	14									25	5	Jubbulpore
	1						5																								
							1			9 or 10										4											
19	3	2	1	2	2	2	1	3		1 — 10							1	3	2	24					2	2	6	20			Karachi(DrighRoad)(b_1)
							2	1																							
										9 or 10										1											

STATION.	Speed limits (km./hr.).	Surface.										0·5 km. above Surface.										1·0 km. a. s. l.										2·0 km. a. s. l.									
		n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C
Lahore ...	6-25	30	1	2	1		2	3	2	3	16	29	3	2		2	3	4	3	6	5	30	4	1		1	3	3	4	8	5	30	2	1	1	1	3	2	1	8
	26-50															1										1											2	1	
	51-75																																								
	>75																																								
Madras ...	6-25	30		2	2	23	1				2	30		2	4	9	7	7				30	4		3	4	6	5	6		2	30	1	9	12	2				
	26-50															1																			3	3					
	51-75																																								
	>75																																								
Malegaon ...	6-25																																								
	26-50																																								
	51-75																																								
	>75																																								
Mangalore ...	6-25																																								
	26-50																																								
	51-75																																								
	>75																																								
New Delhi (b_1) ...	6-25	30	3			1	1	2	4	10	5	30	2			3	1	1	5	10		30	2				3		6	10	1	29		1			2		10	
	26-50							1		2								1	2	5								1	4	3							1		2	
	51-75							1																																	
	>75																																								
Peshawar ...	6-25	30		10	1	1				4	13	30	12	5	5	1				4	2	30	11	4	3	2				5	4	30	3			1	5	2	4	
	26-50									1										1										1				2		1	1			
	51-75																																								
	>75																																								
Poona ...	6-25	30		1	6	2	3	4	5	4	2	30	2	2	5	5	2		2	8		30	4	1	7	5		2	2	5		30	5	6	4	2	1	2	3	
	26-50									3									1	3										1										
	51-75																																								
	>75																																								
Port Blair ...	6-25	30	3	9	5		1	4	6	1		28	2	1	5	4	5	1	2	2	3	26	3		4	3	3		2	4	4	18	2	2	3	1	2		2	
	26-50							1							1				2						1	1				1				2	1	1				
	51-75																																								
	>75																																								
Sambalpur ...	6-25	30			1			5	10	4	10	30	2	1			1	3	8	6	7	30	3	1			3	3	8	9	3	30	3		1		1	3	10	
	26-50									1									1	1																				
	51-75																																								
	>75																																								
Sharjah (b_2) ...	6-25	30	3					6	4	14		30	1		1			5	9	4		30	2			1	1	7	4	3	1	28	1		1	3	4	3	2	
	26-50		1					1		1								3	7								1	5	5					1		1	2	4	
	51-75																																					1			
	>75																																								
Tezpur ...	6-25	30		8	7	1		2	2		10	30		2	8	4	3	3	3		2	30	2		3	4	3	5	4	1	3	25						2	
	26-50														3				2									3	1								7	13	
	51-75																													1									3	
	>75																																								
Trichinopoly ...	6-25	30	1	2	5	3		1	3	2	13	30		1	10	2	3	1	6	1	4	30		1	9	4	3		5	3	4	30	3	7	8	3		1	3	
	26-50														2										1									2	2					
	51-75																																								
	>75																																								
Trivandrum ...	6-25																																								
	26-50																																								
	51-75																																								
	>75																																								
Vizagapatam ...	6-25	30				2	19	9				30			1	1	4	8	5		2	30	1	1	1	2	2	11	6		4	29	7	6	3	1	1		1	
	26-50																	8										1	1					2	1					
	51-75																	1																						
	>75																																								

3·0 km. a. s. l.										Amounts of low cloud.	No. of observations with Code figures.										No. of observations with Code figures.										STATION.
n	N	NE	E	SE	S	SW	W	NW	C		0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
29	1 1		1	1 1	2 3	2 2	5 3	4 3		1 — 10							5	2		23							2	27	1		Lahore
										9 or 10										2											
27		4	4	1						1 — 10						3	4			23								30		Madras
	2	13	2																												
			1							9 or 10										5											
										1 — 10																	5	25			Malegaon
										9 or 10																					
										1 — 10																		30			Mangalore
										9 or 10																					
24	1					1	8 9	2 3		1 — 10								7	10	13						2	2	26			New Delhi (b_1)
										9 or 10										3											
29	3 1	1 1		1	2 3	3 1	4 1	4 3	1	1 — 10						1	3	4	15	7							2	11	17		Peshawar
										9 or 10										8											
26	2	6	5	3	1	5	2 1		1	1 — 10								3	21	6								30			Poona
										9 or 10										3											
9		1	4 3	1						1 — 10					21	9										6	11	11		2	Port Blair
										9 or 10										13											
27	1 1				3	1	3 1	12 3	2	1 — 10								1	21	8							12	18			Sambalpur
										9 or 10										2											
22	2 1		1	1	3 1	3 1	1 2	4 1	1	1 — 10								1	1	28							2	14	14		Sharjah (b_2)
										9 or 10										1											
17						2 1	1 6 6 1			1 — 10						1	6 2	3	8	12 4						3	19	8			Tezpur
										9 or 10																					
22	2	1 9	4 5 1							1 — 10							3	17	4	6							1	11	15	3	Trichinopoly
										9 or 10										12											
										1 — 10														2		7	7	14			Trivandrum
										9 or 10																					
25	3	11 5	4 1						1	1 — 10						4	1			25							6	24			Vizagapatam
										9 or 10										2											

STATION.	Speed limits (km./hr.).	Surface.										0·5 km. above Surface.										1·0 km. a. s. l.										2·0 km. a. s. l.							
		n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W
Allahabad (d_1) ...	6-25	30	1					4	7	4	14	30	2	2	1	1			1	11	2	30	3			1		1	1	14	3	19		1				2	6
	26-50												2					1	2	5									2	5								5
	51-75																																						
	>75																																						
Bahrein (d_2) ...	6-25	30		1		5	4	3	1	10	3	29	2	2	1	2	2	2	2	1	2	30	6	1	1		4	2	1	2	1	21	2	2		2		3	2
	26-50		3										4				2			1			2				2			5							1	
	51-75												3							3			1							2								
	>75																																						
Bombay (Juhu) (d_1) ...	6-25	30		1		2	1			1	25	28	5	2	2		2	2	2	6	2	28	9	5						4		22	4	3	2		1	3	3
	26-50												4							1			4	2		1				3			1					1
	51-75																																						
	>75																																						
Calcutta (d_1) ...	6-25	30		1		1	2	24			2	30		1			1	3	3	1		30	2	1	1		1	8	3	2	1	20	3				1		4
	26-50																1	13	2								6	2	1				1						3
	51-75																1	4									2												
	>75																																						
Gaya (d_1) ...	6-25	30		1	2	3	1	10	1		12	30	4		3	1		2	6	9		30	5	1		1	1		3	15		27					1	4
	26-50												1	1						2										4								9
	51-75																			1																			
	>75																																						
Gwador (d_2) ...	6-25	30				1		6	8	1	14	30		1		1		6	5	3		27	1				1	1	5	3		23	2		2	1			5
	26-50																		9	4								2	10	3							1	7
	51-75																		1										1								1	
	>75																																						
Jacobabad (d_1) ...	6-25	30	1	1	4	1	2	3		4	14	30		1	1	3		8	4	3	1	30			1		2	16	4	5	1	29				2	6	13
	26-50												2		1	1		3		2									1									2
	51-75																																						
	>75																																						
Jodhpur (d_1) ...	6-25	30	2	10				3	12	1	1	30	1	3	3	1		1	3	3	1	30	3	3	2		1	2	6	3	1	28				4	4	12
	26-50								1					2				5	5	1							6	3								4		
	51-75																		1																			
	>75																																						
Karachi(DrighRoad)(d_1)	6-25	30						4	6	5	15	90						2	5	2		28				1	2	1	3		1	24	1	1		2	7	5
	26-50																	1	17	2								1	14	3							1	3
	51-75																		1										2									
	>75																																						
New Delhi (d_1) ...	6-25	30	6					3	6	5	10	30	6	3		1	1	1	2	6	1	30	7	1			1	1	3	8		23				2	2	2
	26-50												2						2	5						1			1	6					1		1	3
	51-75																												1									1
	>75																																						
Sharjah (d_2) ...	6-25	30		2	1	19	5	1			2	30	2		5			4	11	3	2	30	1			2		4	6	7		20	2	2	1	2		3	1
	26-50																1		1								1	2	5	1							4	3
	51-75																											1										
	>75																1																					

STATION.	Speed limits (km./hr.).	Surface.										0·5 km. above Surface.										1·0 km. a. s. l.										2·0 km. a. s. l.							
		n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W
Jacobabad ...	6-25	30		2		3		2	2	4	17	30	2		6	1	4	2	3	6	5	30	2	1	4	3	1	3	5	8	3	30	1	1	1	2	3	4	5
	26-50																			1																	1		2
	51-75																																						
	>75																																						

TABLE 8—FREQUENCY OF LOW CLOUD HEIGHTS (EARLY MORNING)

TABLE 9—FREQUENCY OF VISIBILITY (0330 HRS.)

3-0 km. a. s. l.										Amounts of low cloud.	No. of observations with Code figures.										No. of observations with Code figures.										STATION.
ı	N	NE	E	SE	S	SW	W	NW	C		0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
7						2	1 2	1 1		1 — 10										30							1	29			Allahabad (d_1)
										9 or 10										1											
9	1		1		1		1 2	2 1		1 — 10								1		29						1	28	1			Bahrein (d_2)
										9 or 10										1											
3		2		6	2	1 4	1			1 — 10						1	3	1	3	22							28	2			Bombay (Juhu) (d_1)
										9 or 10										4											
5							3	1 1		1 — 10					7				1	22						30					Calcutta (d_1)
										9 or 10					2					2											
9							2 6 1	1		1 — 10									1	29							18	12			Gaya (d_1)
										9 or 10										1											
1		1 3	1			1	2 1	1 1		1 — 10				1	8	5				16						4	26				Gwador (d_2)
										9 or 10										1											
1	3		1		1	3	4 2 1	5 1		1 — 10										30							12	18			Jacobabad (d_1)
										9 or 10										1											
3	2		1	1		3 1	2	2 3	1	1 — 10										30						2	2	26			Jodhpur (d_1)
										9 or 10										1											
1	2	2	2	2	1		1	1		1 — 10					2		1			27							2	28			Karachi (Drigh Road) (d_1)
										9 or 10					1					1											
7						1	2 1 1	2		1 — 10										30							22	8			New Delhi (d_1)
										9 or 10																					
9			1	1		4	3			1 — 10					2			2		26								20	10		Sharjah (d_2)
										9 or 10					1					2											

IGY (1230 HRS.) TABLE 11—FREQUENCY OF LOW CLOUD HEIGHTS (1230 HRS.)

3-0 km. a. s. l.										Amounts of low cloud.	No. of observations with Code figures.										No. of observations with Code figures.										STATION.
n	N	NE	E	SE	S	SW	W	NW	C		0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
7	3 1 1		2		3 1	2 1	5 2	2 2	2	1 — 10									2	28											Jacobabad
										9 or 10										3											

P.—S 1711—250—11-56.

Registered No. B-3097

INDIA WEATHER REVIEW, 1938

Monthly Weather Report

May

Published by authority of the Government of India

Summary.—Marked thunderstorm activity prevailed over eastern and central India and the northern half of the Peninsula. A cyclonic storm in the north Bay, after a preliminary advance of the monsoon, caused heavy rain in Bengal. Western disturbances were on the whole feeble.

The southwest monsoon made a preliminary advance into the southeast Arabian Sea, west of Ceylon, and into the south Bay of Bengal about the 12th. Shortly after, conditions became unsettled off the Circars-Orissa coast but the result was only a shallow depression, which, forming in the north Bay by the 17th, soon filled up during its advance towards the Chittagong-Arakan coast. Unsettled conditions next appeared over the east central Bay and neighbourhood on the 23rd and, moving to the north Bay on the 24th, developed into a trough of low pressure off the Circars-Orissa coast by the 25th. The ends of the trough over the head of the Bay rapidly concentrated into a cyclonic storm, which crossed the Sunderbans on the 26th and was centred near Jessore the following morning. It then weakened into a depression and, after lingering near Naya Dumka for two days, moved to the neighbourhood of Dinajpur, where it filled up by the 31st. The associated rainfall was widespread over northeast India, many stations in Bengal recording heavy amounts.

The monsoon advanced on the Malabar coast about the 26th and soon after conditions became unsettled in the east central Arabian Sea, where a depression formed by the 29th. Moving slowly northwestwards the depression weakened and, by the end of the month, passed away towards Arabia as a low pressure wave. It caused an extension of the monsoon in the south and central Arabian Sea and the newspapers reported the loss of a country craft off the Konkan coast.

Thunderstorm activity, already pronounced in the northeast and the south of the country, covered also the region from the United Provinces to the Deccan and the Circars coast during the first ten days. During the rest of the month it persisted in Assam and Bengal, was intermittent but intense in the central parts and the Deccan and decreased in the south, while it extended occasionally into the Konkan and, along the western Himalayas, into the extreme north.

Five western disturbances entered India during the month, as set out below:—

Western disturbances.			Precipitation.			Remarks.
No.	Period.	Course.	Region.	Nature of precipitation.	Period.	
1	3rd to 5th ...	Northwest frontier eastwards across western Himalayas.	(1) Northwest frontier, Punjab.	Scattered light showers or dust-storms.	3rd.	
			(2) Over region north-west frontier to western Himalayas and in United Provinces.	Many dust or thunderstorms.	4th.	
			(3) Northwest frontier, western Himalayas.	Isolated dust or thunderstorms.	5th.	
2	7th to 9th ...	Do. ...	...	No precipitation ...	...	Very feeble.
3	11th to 13th.	Do. ...	(1) Rajputana, western Himalayas.	A few dust or thunder-storms.	11th.	
			(2) Western Himalayas...	Scattered showers ...	12th.	
			(3) Extreme north ...	Many thunderstorms.	13th.	
4	15th to 16th.	Through extreme north.	(1) North-West Frontier Province, along and near Punjab hills.	A few thundershowers.	15th.	
5	24th to 25th.	Through extreme north.	Extreme north ...	Isolated showers ...	24th, 25th.	

Markedly warm weather prevailed over the greater part of northwest India during the first fortnight and between the 18th and 22nd. Temperatures were, on the other hand, lower than usual in and around Bihar about the 10th and on the 21st-22nd and over Chota Nagpur and neighbourhood throughout the last week, low temperatures extending southwestwards up to the northeast Deccan at the end of the month.

The total rainfall of the month was in large excess in Bengal, Orissa, the east United Provinces, Gujarat, Central India, the Central Provinces (including Berar), the Konkan, north Hyderabad and the north Madras coast, in moderate excess in Chota Nagpur, Bihar, the Bombay Deccan and south Hyderabad, normal in the Bay Islands and Malabar, in slight to moderate defect in Assam, the west United Provinces and the Madras Deccan and in large defect elsewhere. Averaged over the plains of India, the month's rainfall was in excess by 29 per cent.

Both mean maximum and mean minimum temperatures were above normal in the Punjab, Kashmir, the North-West Frontier Province, Baluchistan and east Central India; the maximum alone was higher than usual in the east Central Provinces and the minimum alone in the United Provinces, Rajputana, the west Central Provinces and southeast Madras. Maximum temperature was below normal in Bengal, Chota Nagpur, Bihar and the east United Provinces.

Mean relative humidity was in excess in Chota Nagpur, Bihar, the east United Provinces, west Rajputana, west Central India, Berar and north Hyderabad, in defect in the east and north Punjab, the North-West Frontier Province and southeast Madras.

Mean cloud amount was above normal in northeast India, the east United Provinces, Gujarat, west Central India, the Central Provinces, the Deccan and the north Madras coast and below normal in the Punjab, Kashmir and the North-West Frontier Province.

Table I contains the divisional and sub-divisional means of rainfall, temperature, humidity and cloud for the 16 chief political divisions and the 33 sub-divisions; these means are based on the observations at the stations whose monthly mean data are given in the subsequent tables.

POONA No. 5:
The 1st August 1938.

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

	RAINFALL.				DEPARTURE FROM NORMAL OF				
							8 hrs. L. M. T.		
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Vapour pressure.	Relative humidity.	Cloud.
1	2	3	4	5	6	7	8	9	10
Division	"	"	"		°	°	"	%	
Burma ...	16·70	11·44	+5·26	+ 46	−3·9	− 0·7	+·004	+ 6	+2·2
Assam ...	9·70	11·65	−1·95	− 17	+0·7	+ 1·9	+·019	− 1	+1·4
Bengal ...	18·06	8·45	+9·61	+114	−3·4	− 0·4	−·019	+ 2	+2·5
Orissa ...	4·83	3·14	+1·69	+ 54	−0·7	− 0·3	+·005	0	+2·7
Bihar ...	3·22	2·32	+0·90	+ 39	−3·9	− 0·2	+·061	+ 8	+2·3
United Provinces.	1·16	0·81	+0·35	+ 43	−0·3	+ 3·5	+·089	+ 5	+0·8
Punjab ...	0·11	0·65	−0·54	− 83	+5·0	+ 5·4	+·013	− 4	−0·7
North-West Frontier Province.	0·11	0·61	−0·50	− 82	+7·1	+ 4·5	−·016	− 9	−0·7
Sub-division									
Bay Islands ...	14·52	15·99	−1·47	− 9	−1·3	+ 0·1	−·006	− 1	+1·0
Lower Burma ...	20·65	14·97	+5·68	+ 38	−2·4	− 0·5	−·005	+ 4	+2·2
Upper Burma ...	10·49	5·90	+4·59	+ 78	−5·6	− 1·0	+·014	+ 8	+2·3
Assam ...	9·70	11·65	−1·95	− 17	+0·7	+ 1·9	+·019	− 1	+1·4
Bengal ...	18·06	8·45	+9·61	+114	−3·4	− 0·4	−·019	+ 2	+2·5
Orissa ...	4·83	3·14	+1·69	+ 54	−0·7	− 0·3	+·005	0	+2·7
Chota Nagpur ...	2·95	2·14	+0·81	+ 38	−3·4	− 0·7	+·114	+11	+2·3
Bihar ...	3·33	2·38	+0·95	+ 40	−4·3	+ 0·2	+·018	+ 5	+2·3
United Provinces, East.	1·88	0·92	+0·96	+104	−2·3	+ 2·7	+·103	+ 7	+1·7
Do. do. West.	0·53	0·72	−0·19	− 26	+1·6	+ 4·4	+·075	+ 2	0
Punjab, East and North.	0·20	0·84	−0·64	− 76	+4·7	+ 5·6	+·023	− 6	−0·7
Do. Southwest.	0·01	0·42	−0·41	− 98	+5·3	+ 5·1	+·073	− 2	−0·7
Kashmir ...	0·60	1·74	−1·14	− 66	+5·7	+ 5·2	+·022	− 5	−2·0
North-West Frontier Province.	0·11	0·61	−0·50	− 82	+7·1	+4·5	−·016	− 9	−0·7
Baluchistan ...	0	0·26	−0·26	−100	+4·1	+ 5·1	+·059	− 2	−0·1
Sind ...	0·03	0·13	−0·10	− 77	+0·6	+ 1·5	+·048	+ 3	0
Rajputana, West.	0	0·45	−0·45	−100	+1·0	+ 2·9	+·143	+10	−0·1

	RAINFALL.				DEPARTURE FROM NORMAL OF				
							8 hrs. L. M. T.		
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Vapour pressure.	Relative humidity.	Cloud.
1	2	3	4	5	6	7	8	9	10
Division—*contd.*	"	"	"		°	°	"	%	
9. Sind ...	0·03	0·13	−0·10	− 77	+0·6	+1·5	+·048	+ 3	0
10. Rajputana ...	0·07	0·67	−0·60	− 90	+1·1	+3·9	+·088	+ 4	−0·1
11. Bombay ...	1·37	0·85	+0·52	+ 61	−1·0	+0·7	+·013	+ 1	+0·9
12. Central India ...	0·91	0·53	+0·38	+ 72	+0·8	+2·2	+·078	+ 6	+0·2
13. Central Provinces and Berar.	1·42	0·82	+0·60	+ 73	+1·0	+1·7	+·019	+ 2	+1·2
14. Hyderabad ...	1·46	0·91	+0·55	+ 60	−0·4	+0·2	−·029	+ 1	+1·2
15. Mysore ...	1·11	4·32	−3·21	− 74	+1·7	+1·1	−·015	− 2	+0·1
16. Madras ...	2·63	3·09	−0·46	− 15	+0·4	+1·5	−·034	− 3	+1·0
Mean of India (excluding Burma).	2·76	2·14	+0·62	+ 29	+0·4	+1·9	+·027	+ 1	+0·8
Sub-division—*contd.*									
18. Rajputana, East.	0·09	0·73	− 0·64	− 88	+1·1	+4·2	+·070	+ 2	−0·1
19. Gujarat ...	0·51	0·27	+ 0·24	+ 89	−1·3	+1·5	+·025	+ 1	+1·4
20. Central India, West	1·08	0·63	+ 0·45	+ 71	−0·6	+1·9	+·047	+ 7	+0·5
21. Do. do. East.	0·75	0·43	+ 0·32	+ 74	+2·1	+2·5	+·109	+ 4	−0·1
22. Berar ...	0·94	0·57	+ 0·37	+ 65	−1·3	+1·5	+·054	+ 7	+0·1
23. Central Provinces, West.	1·08	0·61	+ 0·47	+ 77	+1·0	+2·1	+·025	+ 3	+1·5
24. Do. do. East.	2·16	1·27	+ 0·89	+ 70	+2·0	+1·1	−·008	0	+1·4
25. Konkan ...	3·17	1·81	+ 1·36	+ 75	+0·1	+0·6	−·001	0	+0·2
26. Bombay Deccan...	1·75	1·29	+ 0·46	+ 36	−1·2	−0·5	+·002	+ 1	+0·7
27. Hyderabad, North	1·50	0·77	+ 0·73	+ 95	−1·4	0	+·017	+ 6	+1·4
28. Do. South	1·42	1·03	+ 0·39	+ 38	+0·3	+0·3	−·063	− 3	+1·1
29. Mysore ...	1·11	4·32	−3·21	− 74	+1·7	+1·1	−·015	− 2	+0·1
30. Malabar ...	8·21	8·71	−0·50	− 6	−0·8	+0·8	+·028	+ 2	+0·9
31. Madras, Southeast	0·98	2·12	− 1·14	− 54	+1·3	+2·0	−·055	− 6	+0·5
32. Do. Deccan...	1·19	1·68	− 0·49	− 29	−1·1	+0·3	−·039	− 2	+1·8
33. Do. Coast, North	2·62	1·65	+ 0·97	+ 59	+0·8	+1·6	−·043	− 3	+1·6

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Relative humidity %	
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Bay Islands																					
*Port Blair ...	59/261	29·674	-·055	29·421	87·4	- 1·3	93	3, 5	78·5	+0·1	75	14	82·6	81·3	78·8	77·8	·935	-·006	·910	84	- 1
Lower Burma																					
Victoria Point ...	157	29·652	-·011	29·577	85·3	- 1·0	87	8 days	75·7	-0·4	71	15	79·6	80·6	76·8	76·7	·885	-·016	·872	88	+ 2
Mergui ...	66	29·724	-·023	29·641	88·5	- 0·5	92	28	76·7	+2·2	74	17	80·1	82·0	77·5	77·3	·892	-·015	·858	88	0
Tavoy ...	19	29·758	-·040	29·680	88·5	- 0·4	94	1, 2	75·0	-0·5	73	14,18,29	79·2	81·4	76·6	77·5	·892	+·001	·872	89	+ 2
Amherst ...	71	29·687	-·039	29·603	86·5		93	3	75·8		71	3	80·0	82·3	76·7	78·0	·878		·896	86	
Rangoon ...	18	29·714	-·049	29·629	88·3	- 3·4	99	3, 4	76·3	-0·9	73	15,16,19	80·7	82·6	78·5	78·5	·962	+·051	·935	90	+ 4
Tharrawaddy ...	49	29·679		29·594	91·3		103	5	75·6		73	2, 14, 22	81·2	81·4	78·2	77·3	·916		·872	87	
Bassein ...	20	29·704	-·044	29·634	89·0	- 2·8	98	5, 6	76·8	-0·5	73	21	81·1	81·7	78·4	77·8	·923	-·008	·903	89	+ 5
Diamond Island ...	41	29·672	-·058	29·600	86·3	- 2·3	91	1	78·8	-0·2	74	31	82·6	82·8	78·6	78·9	·935	+·023	·935	84	+ 6
Gwa ...	11	29·699		29·626	87·6		91	1, 4, 6	76·1		73	19, 22	80·1	81·2	78·1	79·0	·930		·962	91	
Sandoway ...	28	29·678		29·604	89·4		98	6	75·0		72	1, 2	79·5	81·6	76·7	77·4	·885		·872	83	
†Toungoo ...	158																				
Kyaukpyu ...	18	29·~~668~~	-·~~059~~ -·056	29·596	85·7	- 3·7	92	1, 6, 7	76·3	-1·7	72	21	79·9	82·4	77·5	78·2	·892	-·023	·903	90	+ 8
Akyab ...	29	29·661	-·060	29·588	85·5	- 5·0	93	7, 8, 9	75·6	-2·1	69	1	79·7	81·8	76·9	77·8	·885	-·056	·903	88	+ 4
Upper Burma																					
Minbu ..	168	29·533	-·039	29·427	93·2	- 5·4	105	4, 5, 6	77·0	-1·7	71	1	82·0	84·9	76·2	77·3	·815	+·001	·824	76	+ 4
Yamethin ...	644	29·072	-·032	28·964	92·1	- 4·6	104	6	75·3	-1·4	71	9	80·0	84·1	75·7	76·4	·835	+·020	·794	82	+ 7
Mandalay ...	252	29·459	-·032	29·340	91·9	- 6·4	102	6, 7	76·0	-2·5	71	1, 24	79·9	86·7	75·3	76·7	·806	-·009	·790	81	+13
Monywa ...	267	29·441	-·040	29·321	92·6	- 7·5	106	7	76·3	-2·5	72	2, 9	80·7	87·0	76·0	78·6	·835	+·046	·874	81	+13
Lashio ...	2,802	26·971	-·020	26·858	82·3	- 4·9	91	8	67·0	+0·2	61	5	71·6	76·5	68·7	70·5	·~~770~~	+·021	·682	86	+ 6
Bhamo ...	386	29·320	-·032	29·206	87·7	- 5·7	98	7, 8	72·9	+0·3	68	1, 2, 4	76·8	83·5	73·5	76·2	·763	-·016	·794	85	+ 4
Myitkyina ...	476	29·232	-·033	29·114	86·6	- 4·7	100	8	72·3	+0·1	66	4	76·0	82·1	73·0	75·1	·770	+·034	·772	86	+ 7
Assam																					
Dibrugarh ...	348	29·244	-·059	29·223	88·5	+ 4·1	97	16	72·6	+1·8	65	1	78·2	84·1	74·2	77·2	·784	+·013	·831	83	- 6
Sibsagar ...	317	29·360	-·063	29·243	88·8	+ 3·4	97	16	73·8	+2·3	67	1	78·3	84·6	75·1	77·5	·826	+·026	·831	86	- 4
Tezpur ...	258	29·431	-·064	29·308	89·9	+ 3·0	97	16, 27	74·3	+2·0	66	2	79·5	85·1	75·3	77·1	·812	+·036	·818	82	- 4
Gauhati ...	196	29·478	-·076	29·361	88·1	+ 0·1	97	16	74·7	+2·4	68	1, 3	78·5	83·5	75·3	76·8	·926	+·035	·838	86	+ 2
Dhubri ...	115	29·563	-·044	29·454	85·6	- 0·7	94	16	74·8	+1·7	68	3	78·1	82·8	75·5	77·1	·833	+·028	·845	88	+ 2
Silchar ...	96	29·586	-·066	29·476	88·7	0	97	16	74·3	+1·7	66	1, 3	78·6	82·6	75·7	76·5	·855	+·028	·845	86	+ 1
Srimangal ...	69	29·592	-·067	29·491	88·5	- 2·7	95	8	73·2	+1·2	65	3	79·0	82·6	75·4	77·8	·819	-·032	·896	84	- 1
Bengal																					
Cox's Bazar ...	38	29·624	-·068	29·547	85·9	- 2·9	91	4 days	74·2	-1·6	69	1, 3	80·4	82·1	76·5	77·6	·872	-·047	·896	83	0
Chittagong ...	87	29·579	-·069	29·492	87·1	- 1·7	93	7, 8	75·2	-0·2	68	1	79·8	81·9	75·7	77·2	·842	-·045	·865	82	0
Noakhali ...	22	29·621	-·081	29·533	85·9	- 3·2	91	6, 8, 9	75·1	-2·2	64	27	80·5	82·3	77·4	78·6	·885	-·028	·942	86	+ 4
Comilla ...	37	29·606	-·080	29·518	89·0	- 1·9	95	7, 9	74·3	-0·5	67	3, 4	80·8	81·7	76·0	77·0	·828	-·072	·865	80	- 4
Brahmanbaria ...	32	29·619		29·524	87·3	- 3·6	93	17	74·3	+0·6	66	1	79·8	83·4	75·7	77·5	·842	-·033	·845	82	+ 2
Narayanganj ...	26	29·606	-·079	29·518	88·6	- 2·4	94	1, 16, 19	74·6	-1·3	68	2, 4	80·7	82·4	76·7	76·9	·872	-·040	·851	83	0
Mymensingh ...	62	29·602	-·060	29·494	86·8	- 2·3	95	16	73·9	-0·5	67	1, 3	78·4	83·4	74·8	77·4	·819	-·024	·845	85	+ 1
Faridpur ...	27	29·594	-·090	29·501	87·8	- 3·7	95	1, 2	74·7	-0·1	69	4	80·3	80·7	77·2	76·9	·885	-·037	·872	86	+ 1
Barisal ...	11	29·603	-·091	29·524	88·1	- 3·4	95	9	76·7	+0·1	70	3	81·5	83·7	77·8	77·3	·910	-·037	·836	84	+ 3
Khulna ...	16	29·599	-·078	29·507	89·7	- 2·2	95	7, 20	75·9	+0·2	71	3	82·1	82·9	78·5	78·1	·942	+·011	·889	85	+ 6
Jessore ...	26	29·569	-·095	29·476	89·5		97	1, 3	74·1		64	3	81·3	82·1	78·8	78·7	·955	+·021	·942	89	+ 7
Satkhira ...		29·585	-·085	29·491	90·9	- 3·4	97	4 days	75·3	-1·1	67	3	82·7	84·2	78·8	78·1	·935	-·039	·876	84	+ 3
Calcutta ...	22	29·573	-·083	29·481	93·1	- 1·9	100	19	77·1	0	69	4	82·9	86·3	79·2	79·0	·946	+·030	·890	84	+ 6
Saugor Island ...	10	29·577	-·091	29·488	90·3	- 1·1	95	6	79·5	-1·1	70	5	84·8	85·9	80·3	80·0	·961	-·049	·940	81	0
Sandheads ...	28	29·565	-·097	29·484									84·9	85·5	81·6	81·8	1·043	+·043	1·043	86	+ 2
Midnapore ...	149	29·439	-·079	29·335	97·6	- 1·7	107	1, 2	77·8	-0·4	71	7	83·8	89·3	78·8	79·2	·921	+·039	·853	80	+ 6
Burdwan ...	99	29·501	-·068	29·387	93·8	- 3·8	106	1	76·0	-1·4	70	4	81·0	86·8	77·5	78·9	·878	-·005	·880	85	+ 7
Krishnagar ...	48	29·554	-·074	29·453	92·2	- 4·4	102	1	75·3	-1·3	70	4	81·5	85·5	77·7	78·6	·903	+·004	·894	84	+ 5
Asansol ...	414	29·174	-·069	29·056	96·0	- 5·5	113	1	77·5	0	74	6 days	82·6	90·8	75·9	77·2	·808	-·008	·743	72	+ 4
Berhampore ...	62	29·535	-·081	29·419	92·0	- 4·6	105	1	75·2	-1·2	70	3, 4	80·7	85·8	76·3	77·8	·885	-·037	·849	81	+ 1
Bogra ...	63	29·579	-·061	29·458	87·3	- 4·9	95	19	74·2	-0·1	68	4, 5	79·5	83·3	75·9	77·6	·848	+·009	·832	85	+ 4
Malda ...	108	29·516	-·045	29·401	90·4	- 5·4	98	1	75·0	-0·3	66	6	79·9	86·6	75·3	77·3	·806	-·046	·797	80	+ 2
Dinajpur ...	123	29·509	-·064	29·389	87·9	- 4·0	95	16	74·9	+1·0	68	3	78·9	85·1	75·0	77·2	·812	+·008	·818	83	+ 3
Jalpaiguri ...	271	29·395	-·058	29·273	88·0	- 1·1	94	8, 16, 27	73·8	+1·4	68	8	78·8	83·5	74·3	75·5	·777	-·016	·758	80	- 3

*8 hrs. observations at surface observatory (old site), height 59 feet; 17 hrs. observations at combined observatory (new site), height 261 feet. † Register not received.

Cloud amount (tenths of sky).		Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																	STATION.
										8 hrs. L. M. T.										17 hrs. I. S. T.									
Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																												Bay Islands
+ 1·0	9·4	14·52	− 1·34	2·88	14	18	+ 2·0	4·9	− 0·8	0	0	0	3	3	8	4	2	11	0	0	1	2	4	14	8	1	1	*Port Blair
																												Lower Burma
+ 1·3	9·2	12·93	− 6·81	1·76	7	19	− 0·6	3·1	− 2·0	0	3	11	7	4	2	3	1	0	0	0	2	5	2	13	1	2	6	Victoria Point
+ 1·8	8·1	14·17	− 2·76	1·96	29	20	+ 2·6	4·5	+ 2·5	0	3	6	15	2	2	2	1	0	0	2	3	6	4	7	1	5	3	Mergui
+ 2·7	8·4	18·26	− 4·45	1·73	29	25	+ 6·7	3·0	+ 1·6	0	1	0	0	1	2	0	0	27	0	0	0	2	4	4	1	2	18	Tavoy
	9·1	25·88	+ 3·76	4·65	12	23	+ 4·9	8·7		0	2	5	12	7	1	0	1	3	0	0	0	3	11	13	2	0	2	Amherst
+ 0·4	8·2	16·81	+ 4·83	2·40	27	22	+ 8·4	3·5	0	1	3	2	6	6	4	2	2	3	1	0	0	5	10	7	2	1	5	Rangoon
	8·3	21·47	+12·66	2·63	17	18	+ 7·7	4·2		1	0	2	20	3	1	1	2	1	0	0	2	12	4	5	6	1	1	Tharrawaddy
+ 2·1	9·3	15·18	+ 5·34	2·17	12	21	+ 9·6	3·8	+ 0·1	0	0	0	4	11	5	3	1	7	0	0	0	0	1	9	7	0	14	Bassein
+ 3·3	9·7	12·08	+ 1·48	1·64	31	19	+ 8·1	7·6		2	0	2	3	11	3	5	3	2	2	0	0	1	9	8	8	3	0	Diamond Island
	9·2	20·06	+ 7·41	3·70	16	23	+11·8	3·8		4	0	1	19	1	0	0	0	6	1	0	0	9	1	1	3	7	9	Gwa
	8·8	25·73		4·65	19	23		1·8		0	7	1	3	0	4	1	0	15	0	6	1	1	1	9	3	1	9	Sandoway
																												Toungoo
+ 2·9	8·8	25·47	+10·15	3·40	18	21	+ 9·0	5·3	+ 2·7	1	2	0	14	10	1	0	1	2	0	0	1	6	11	6	6	1	0	Kyaukpyu
+ 2·8	8·0	44·85	+30·90	8·99	27	24	+13·5	11·3		2	4	13	9	2	0	0	0	1	0	1	3	3	9	5	4	1	0	Akyab
																												Upper Burma
+ 2·5	6·3	11·61	+ 5·97	2·87	12	13	+ 6·3	4·3	− 1·1	0	0	0	9	5	0	0	1	16	0	0	1	6	6	3	3	0	7	Minbu
+ 3·1	6·8	6·19	+ 0·39	2·45	9	8	+ 0·1	5·1		0	0	0	1	26	0	0	0	4	0	0	0	4	20	0	0	0	7	Yamethin
+ 3·5	7·4	13·54	+ 7·78	2·75	14	14	+ 6·2	5·3	− 0·9	2	1	0	7	14	1	2	1	3	2	2	3	4	10	1	1	2	6	Mandalay
+ 1·9	7·2	10·23	+ 5·21	1·89	14	12	+ 5·4	3·3	+ 0·9	6	2	0	3	15	0	0	1	4	3	2	0	5	10	1	0	0	10	Monywa
+ 1·5	8·2	14·78	+ 7·87	1·89	23	17	+ 5·4	1·5	− 0·7	2	2	0	2	2	2	2	1	18	0	1	0	2	3	7	4	3	11	Lashio
+ 2·0	6·6	7·24	+ 1·10	1·15	18	16	+ 5·9	2·9	+ 0·8	10	6	1	1	1	1	2	3	6	13	3	0	0	3	1	1	3	7	Bhamo
+ 1·9	6·9	9·87	+ 3·81	2·03	9	17	+ 7·8	3·3	+ 1·1	6	4	3	4	2	3	1	2	6	7	4	3	1	2	5	3	1	5	Myitkyina
																												Assam
+ 2·6	7·4	5·74	− 5·44	2·08	17	9	− 6·1	1·7	+ 0·8	10	4	4	0	0	0	1	3	9	0	1	1	2	2	0	0	0	25	Dibrugarh
+ 1·2	7·8	5·26	− 6·63	1·22	29	9	− 6·6	3·5	+ 1·4	6	9	4	0	2	2	4	3	1	4	6	2	4	3	3	1	2	6	Sibsagar
− 0·2	6·0	4·03	− 5·92	1·52	9	7	− 7·3	2·9[a]	− 0·2	0	5	22	3	0	1	0	0	0	16	0	0	3	0	2	1	0	9	Tezpur
+ 2·0	7·0	7·52	− 1·19	1·46	9	11	− 2·0	2·7	+ 1·1	8	9	3	2	3	1	2	2	1	2	6	5	4	2	2	2	3	5	Gauhati
+ 0·6	6·3	14·15	− 0·51	2·22	20	13	− 1·9	5·2	− 0·3	3	10	7	3	1	1	2	1	3	2	9	5	1	1	1	1	2	9	Dhubri
+ 0·7	7·1	12·60	− 2·99	2·25	1	18	+ 1·9	1·9	− 0·1	1	4	3	6	2	0	1	1	13	2	1	2	4	1	3	3	1	14	Silchar
+ 2·6	7·9	20·47	+ 5·51	3·03	17	20	+ 5·9	3·1		1	6	5	10	3	3	0	0	3	1	1	1	14	3	2	1	2	6	Srimangal
																												Bengal
+ 3·0	8·0	27·25	+14·65	7·67	26	18	+ 8·0	5·8	+ 2·1	0	2	4	19	4	1	0	1	0	0	1	2	12	10	3	2	1	0	Cox's Bazar
+ 2·0	8·2	19·62	+10·10	5·85	26	16	+ 5·2	5·5		0	1	5	18	6	1	0	0	0	0	1	2	5	12	9	2	0	0	Chittagong
+ 3·5	8·0	32·36	+20·96	4·90	29	18	+ 7·4	10·7	+ 6·9	0	2	4	18	5	1	0	1	0	0	1	2	6	13	5	1	3	0	Noakhali
+ 4·4	9·3	19·78	+ 8·01	3·51	18	22	+10·5	3·9		0	2	5	10	11	1	0	0	2	0	2	3	4	10	1	1	1	9	Comilla
	7·2	18·54	+ 6·58	5·34	22	16	+ 4·3	4·5		1	8	2	12	5	2	0	1	0	0	0	0	14	10	5	0	1	1	Brahmanbaria
+ 1·0	8·0	21·43	+12·02	3·16	22	15	+ 4·0	5·5	+ 1·0	0	0	12	11	6	1	0	1	0	0	1	6	8	12	1	1	2	0	Narayanganj
+ 1·1	6·7	13·27	+ 0·73	4·09	31	14	+ 0·9	4·3	+ 1·8	1	6	7	11	1	0	0	1	4	0	6	3	9	3	1	1	0	8	Mymensingh
+ 2·7	8·0	28·76	+19·72	4·14	29	20	+ 9·0	7·2		0	4	6	16	4	0	0	1	0	0	2	7	16	3	0	1	0	2	Faridpur
+ 2·4	7·6	19·97	+10·95	5·34	27	16	+ 6·2	5·9	+ 2·9	0	0	7	20	3	0	1	0	0	1	1	6	6	13	4	0	0	0	Barisal
+ 3·1	8·5	21·13	+10·80	6·21	29	17	+ 5·4	6·5		1	4	8	8	5	3	0	1	1	1	4	5	10	5	3	2	1	0	Khulna
+ 0·8	6·1	27·46	+19·38	5·41	30	19	+ 9·6	6·2	+ 3·1	0	8	5	11	5	2	0	0	0	1	3	3	11	8	1	0	3	4	Jessore
+ 3·8	7·2	26·73	+18·47	8·25	29	15	+ 5·1	4·1		1	6	8	8	3	2	0	2	1	0	5	7	5	6	6	1	1	0	Satkhira
+ 2·6	7·3	14·54	+ 8·79	4·27	29	14	+ 6·7	3·9	− 1·1	1	6	3	8	4	5	1	1	2	1	2	6	4	6	5	2	2	3	Calcutta
+ 1·9	7·5	9·36	+ 4·95	5·03	28	9	+ 3·2	12·5[g]	0	2	3	1	4	12	6	1	1	1	2	2	2	6	15	3	0	0	1	Saugor Island
+ 0·3	4·8	3·81	+ 2·17	1·85	23	5	+ 2·0			2	1	1	1	7	13	3	3	0	0	1	1	2	12	10	2	1	2	Sandheads
+ 3·6	6·4	7·10	+ 1·78	1·98	31	9	+ 1·7	3·7	− 0·4	2	5	6	4	8	3	1	1	1	2	5	5	8	7	1	1	0	2	Midnapore
+ 0·9	6·2	10·00	+ 3·87	3·51	4	14	+ 6·9	3·1		2	2	3	13	4	1	1	5	0	2	0	6	16	5	0	0	2	0	Burdwan
+ 3·5	7·4	16·99	+ 9·99	4·21	29	15	+ 7·1	4·5		2	9	9	3	4	2	0	1	1	0	1	1	12	6	3	0	1	7	Krishnagar
+ 3·2	6·4	7·27	+ 4·01	5·00	29	6	+ 1·9	7·0		2	6	11	7	0	0	2	2	1	0	7	10	6	1	1	3	3	0	Asansol
+ 2·3	7·3	12·38	+ 6·87	4·59	29	10	+ 2·6	4·6	+ 1·0	0	3	12	9	5	1	0	1	0	1	7	10	7	3	2	0	1	0	Berhampore
+ 2·3	6·7	14·49	+ 5·99	3·17	30	14	+ 4·1	4·4	+ 2·1	1	6	15	3	2	2	2	0	0	0	1	13	11	3	3	0	0	0	Bogra
+ 3·2	4·6	18·19	+13·69	7·68	30	11	+ 5·2	6·6		1	7	14	3	4	2	0	0	0	1	5	15	5	3	1	1	0	0	Malda
+ 1·4	4·9	17·73	+10·14	3·57	31	14	+ 5·1	3·4	+ 0·1	1	12	7	3	2	1	0	0	5	0	11	4	5	2	0	0	0	9	Dinajpur
+ 2·1	5·2	14·92	+ 3·85	6·34	31	11	− 1·4	5·4	+ 3·3	3	7	16	2	0	0	1	1	1	0	4	14	4	4	0	0	1	4	Jalpaiguri

a—Mean of 30 days. g—Mean of 24 days.

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Relative humidity %		
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Orissa																						
Balasore ...	65	29·517	-·087	29·420	96·6	- 0·3	105	2	79·9	+1·7	71	13	85·9	89·3	79·2	79·6	·901	-·009	·920	73	- 2	7
Chandbali ...	20	29·572	-·090	29·485	96·4	- 0·3	106	20 26	78·3	+0·8	71	13	84·5	86·9	79·5	79·8	·921		·927	80	+ 1	7
Puri ...	20	29·578	-·082	29·484	89·6	- 0·3	96	18	80·1	-0·7	71	7	85·2	86·3	80·7	82·3	·995	-·007	1·030	81	- 4	8
Gopalpur ...	56	29·532	-·091	29·436	89·5	- 0·6	94	20, 22	79·1	-1·0	71	10	85·2	85·9	80·6	81·2	·995	+·031	·995	80	- 2	8
Cuttack ...	87	29·516	-·072	29·413	99·3	- 1·9	111	20	77·3	-2·6	72	8	85·2	90·9	79·1	79·3	·908	-·002	·833	76	+ 2	6
Angul ...	455	29·127	-·084	28·999	101·8	- 1·2	113	1, 2, 3	78·2	-0·2	72	8, 13, 17	83·9	94·0	76·8	76·5	·881	-·003	·689	72	+ 3	4
Sambalpur ...	486	29·099	-·075	28·955	105·9	- 0·3	114	3	80·9	-0·2	73	10, 17	88·2	100·7	75·6	76·1	·727	+·020	·564	55	+ 3	3
Chota Nagpur																						
Jamshedpur ...	423	29·167			99·9		112	1, 2	79·2		71	7	85·9		77·6		·842			68		
Chaibasa ...	742	28·836	-·074	28·708	100·4	- 3·8	112	2	78·4	-0·7	65	8	84·9	92·6	78·5	80·7	·901	+·138	·893	74	+11	5
Ranchi ...	2,152	27·478	-·061	27·374	95·0	- 3·5	106	1	73·3	-2·0	59	6	81·6	87·5	72·4	72·1	·670	+·090	·589	64	+12	4
Hazaribagh ...	2,006	27·614	-·053	27·512	96·1	- 3·4	107	1, 2	73·8	-1·8	67	25	82·7	88·5	72·9	73·9	·725	+·191	·655	66	+20	5
Daltonganj ...	725	28·840	-·076	28·710	103·5	- 2·8	111	2	80·2	+1·5	74	29	88·7	98·5	74·3	73·8	·642	+·037	·507	49	0	3
Bihar																						
Purnea ...	124	29·505	-·060	29·380	91·4	- 3·5	98	16, 19, 27	74·7	+0·4	68	4	80·3	87·2	75·3	76·9	·799	-·012	·784	79	+ 2	6
Darbhanga ...	161	29·468	-·047	29·330	92·5		99	16	76·5		70	3	81·8	89·2	76·4	79·1	·821		·853	77		6
Motihari ...	220	29·399	-·044	29·272	93·2	- 3·7	100	1, 16	75·9	+1·5	69	7	81·9	90·9	75·4	78·3	·779	-·003	·788	73	+ 1	5
Patna ...	173	29·429	-·049	29·300	94·6	- 5·1	106	1	77·9	+0·2	70	10	83·1	91·6	76·1	77·7	·801	+·047	·767	71	+ 7	5
Gaya ...	372	29·197	-·068	29·077	100·9	- 3·5	112	1	80·4	+0·7	73	10, 25	87·4	95·8	76·5	77·7	·777	+·029	·713	60	+ 3	4
Naya Dumka ..	489	29·115	-·059	29·007	92·8	- 5·9	111	1	75·4	-1·6	66	9	79·9	87·3	75·0	77·0	·799	+·031	·784	79	+12	6
Sabour ...	122	29·493		29·369	91·7		100	19	75·5		70	8	80·4	87·4	76·1	78·1	·835		·831	82		6
United Provinces, East																						
Gonda ...	360	29·234		29·108	97·5		107	1	78·9		71	10	84·8	94·4	75·2	77·2	·738		·696	63		4
Gorakhpur ...	257	29·350	-·045	29·228	95·0	- 5·5	106	1	77·1	+0·5	67	6	82·4	91·5	75·2	77·4	·778	+·059	·736	71	+ 9	5
Benares ...	250	29·306	-·081	29·184	102·8	- 2·2	112	1	81·8	+3·0	76	10	87·7	99·9	76·7	77·3	·777	+·114	·621	59	+ 8	3
Allahabad ...	309	29·236	-·086	29·114	105·0	- 1·6	113	1	82·3	+2·7	73	10	88·8	102·2	75·9	75·7	·720	+·150	·537	53	+11	2
Fatehpur ...	375	29·154		29·033	106·6		112	1, 7	83·4		69	10	92·1	103·3	76·0	78·2	·679		·618	47		3
Cawnpore ...	416	29·127	-·085	29·014	107·0	+ 1·3	114	2, 7	83·2	+3·8	70	10	89·7	103·6	74·9	76·4	·664	+·076	·531	49	+ 4	2
Lucknow ...	371	29·183	-·081	29·056	103·6	- 1·2	112	1	81·5	+3·8	72	10	88·8	100·6	76·7	78·8	·763	+·172	·691	56	+10	3
Bahraich ...	407	29·178	-·060	29·049	97·4	- 4·3	107	1	79·1	+2·3	73	9	84·8	94·8	74·5	76·6	·724	+·044	·682	60	+ 3	4
United Provinces, West																						
Jhansi ...	824	28·731	-·104	28·606	109 8	+ 1·6	112	4 days	86·4	+2·7	79	2, 3	94·3	107·2	71·6	72·6	·480	-·050	·376	30	- 7	1
Agra ...	554	28·990	-·090	28·871	109·3	+ 2·7	114	19	83·6	+7·1	74	2, 3	93·0	105·9	71·4	72·9	·468	+·091	·365	32	+ 7	1
Mainpuri ...	516	29·028	-·084	28·903	108·1	+ 1·4	112	4, 7	82·4	+3·9	73	3	91·8	105·3	74·4	75·9	·602	+·060	·497	42	+ 1	2
Aligarh ...	615	28·925		28·801	106·6		109	7 days	82·3		73	2	90·6	105·2	71·9	73·8	·584		·413	37		1
Bareilly ...	568	28·981	-·082	28·843	103·8	+ 1·0	109	1	80·3	+3·9	72	3	87·1	101·9	74·8	76·0	·698	+·066	·544	54	+ 5	2
Roorkee ...	899	28·657	-·080	28·523	102·9	+ 0·9	110	22	79·2	+5·2	65	2	88·9	100·8	74·7	76·2	·690	+·208	·587	49	+ 8	3
Dehra Dun ...	2,239	27·385	-·058	27·273	97·5	+ 2·1	104	22	73·9	+3·6	65	2	83·7	95·4	68·9	71·1	·519	+·073	·450	44	- 1	2
Punjab, East and North																						
New Delhi ...	714	28·830	-·038	28·709	107·5		112	7, 19	82·6		69	2	91·1	104·1	72·1	73·9	·527		·433	37		2
Hansi ...	711	28·816			108·7		112	4 days	81·6		68	2	93·0		72·7		·534			35		
Hissar ...	725	28·812	-·091	28·700	109·2	+ 3·9	113	8, 13	81·0	+4·8	69	2	93·3	105·9	75·3	76·2	·623	+·144	·497	41	+ 3	1
Ambala ...	892	28·666	-·067	28·535	106·8	+ 3·1	112	21, 22	81·0	+5·7	70	3	90·7	105·0	72·4	73·2	·534	+·021	·408	38	- 5	1
Ludhiana ...	812	28·725	-·086	28·623	108·9	+ 5·0	114	20, 22	79·8	+4·1	68	2	91·6	106·9	71·5	73·6	·488	+·010	·416	34	- 5	1
Lahore ...	702	28·803	-·107	28·711	103·4	+ 4·5	113	20, 21	78·0	+6·2	66	1	90·9	107·1	72·2	74·4	·534	+·062	·399	37	+ 1	1
Sialkot ...	830	28·688	-·101	28·577	107·5	+ 5·1	114	22	80·5	+6·1	71	2	91·7	106·4	70·8	74·0	·443	-·033	·429	30	-12	1
Rawalpindi ...	1,674	27·879	-·106	27·793	104·8	+ 6·9	112	22	74·8	+6·5	60	1	91·3	104·0	67·1	71·2	·360	-·088	·343	24	-17	1
Punjab, Southwest																						
Khushab ...	612	28·887	-·124	28·785	109·9	+ 6·1	117	20	81·6	+ 4·9	68	1	95·0	109·1	69·5	73·2	·365	-·070	·325	24	-10	1
Lyallpur ...	605	28·890	-·116	28·801	108·2	+ 5·9	114	21	80·5	+ 7·1	65	1	93·7	106·3	71·3	73·2	·454	+·002	·365	30	- 8	1
Montgomery ...	558	28·947	-·098	28·852	109·3	+ 2·9	114	31	81·2	+ 3·7	67	1	90·1	108·0	78·8	89·6	·833	+·348	1·155	59	+20	2
Multan ...	413	28·084	-·109	28·995	110·9	+ 6·8	118	19	82·5	+ 5·4	71	1	92·3	109·6	74·9	77·0	·680	+·014	·486	42	-10	1
Fort Abbas ...	475	29·086		28·934	111·9		119	12	84·2		74	1	94·5	110·0	75·4	76·3	·610		·443	39		1
Bahawalpur ...	384	29·116		29·016	110·0		117	8, 11	80·7		69	1	92·5	107·9	75·8	78·4	·673		·557	44		1
Khanpur ...	397	29·216		29·105	111·5		118	5 days	81·1		73	1	91·6	110·7	75·0	76·0	·650		·429	46		1

d amount ns of sky).		Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																	STATION.
										8 hrs. L. M. T.									17 hrs. I. S. T.									
Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																												Orissa
+ 3·5	8·2	4·84	− 0·17	2·26	31	7	+ 0·6	7·0	+ 1·7	1	6	2	3	7	9	1	1	1	1	0	0	9	10	8	1	1	1	Balasore
	6·9	7·38	+ 2·40	4·18	13	8	+ 2·0	8·8		2	0	0	4	11	5	6	2	1	1	0	3	14	8	2	1	1	1	Chandbali
+ 1·5	5·9	4·96	+ 2·13	2·40	23	7	+ 3·6	14·3	+ 2·4	1	1	0	0	8	14	6	0	1	0	0	0	0	14	15	1	0	1	Puri
+ 4·0	6·6	6·24	+ 4·27	1·35	17	10	+ 6·9	12·9	+ 0·3	1	2	1	1	23	2	0	1	0	2	0	0	5	24	0	0	0	0	Gopalpur
+ 2·6	7·7	4·05	+ 0·10	0·92	23	10	+ 4·4	4·7	+ 1·2	0	0	1	1	3	8	4	1	13	0	2	2	3	9	7	1	1	6	Cuttack
+ 2·7	7·7	4·98	+ 3·00	0·95	17	11	+ 6·8	6·3	+ 0·6	4	4	3	4	5	1	2	3	5	3	4	7	4	3	1	6	3	0	Angul
+ 2·1	5·5	1·35	+ 0·10	0·63	30	3	+ 0·6	4·5	+ 1·2	2	0	5	1	3	11	4	1	4	4	3	5	1	4	4	9	0	1	Sambalpur
																												Chota Nagpur
		4·79		1·89	31	7		4·7		0	1	7	5	0	0	6	2	10										Jamshedpur
+ 3·5	7·8	5·28	+ 2·05	1·82	13	6	+ 2·2	2·9	+ 0·5	1	5	1	0	4	5	2	1	12	1	6	0	6	2	4	2	2	8	Chaibasa
+ 1·7	6·5	3·78	+ 1·37	1·28	31	7	+ 2·1	4·3	− 1·1	2	0	7	8	6	4	1	3	0	3	1	9	7	3	1	2	2	3	Ranchi
+ 2·3	7·0	1·40	− 0·91	0·60	25	5	+ 0·9	6·7	0	3	0	3	7	10	4	2	0	2	7	4	5	5	3	2	1	3	1	Hazaribagh
+ 1·8	6·3	1·34	+ 0·72	0·89	31	2	+ 0·6	5·5	+ 1·2	5	0	11	2	1	1	4	1	6	13	2	4	1	0	1	6	4	0	Daltonganj
																												Bihar
+ 2·4	4·4	6·92	+ 2·52	1·75	31	9	+3·4	4·7	+ 1·5	1	8	16	2	1	0	0	1	2	1	7	17	4	0	0	1	0	1	Purnea
+ 2·8	3·4	4·98		2·44	8	4		5·4	+ 1·0	6	7	10	4	3	0	0	0	1	1	6	7	6	1	0	0	0	10	Darbhanga
+ 3·6	3·9	2·08	− 0·90	1·44	7	4	− 0·2	5·2		1	1	15	11	1	1	0	0	1	1	1	8	16	3	0	0	1	1	Motihari
+ 3·1	3·7	1·00	− 0·67	0·94	10	1	− 1·9	7·0	+ 2·1	0	9	19	3	0	0	0	0	0	1	18	11	1	0	0	0	0	0	Patna
+ 0·5	2·8	1·99	+ 0·90	0·75	25	5	+ 3·2	6·6	+ 3·0	1	5	14	8	2	0	0	1	0	0	15	10	3	2	0	0	1	0	Gaya
+ 1·7	3·4	8·77	+ 5·24	3·80	29	11	+ 5·9	3·6	+ 0·8	0	10	0	14	0	2	0	4	1	0	12	0	9	0	3	0	4	3	Naya Dumka
	5·7	6·71	+ 3·20	1·95	8	11	+ 7·3	5·6		1	5	14	6	2	0	1	0	2	2	4	13	4	2	1	0	0	5	Sabour
																												United Provinces, East
	2·0	1·09		0·56	30	3		6·0		0	0	20	11	0	0	0	0	0	2	4	12	7	3	0	1	2	0	Gonda
+ 3·9	3·4	5·51	+ 4·04	1·90	6	9	+ 6·2	2·8		0	4	19	5	0	1	1	0	1	0	1	14	2	0	0	1	0	13	Gorakhpur
+ 3·1	3·9	0·85	+ 0·24	0·85	28	1	− 0·2	7·2	+ 3·7	0	14	13	3	0	0	1	0	0	7	12	1	0	0	0	1	10	0	Benares
− 0·2	1·2	0	− 0·34	0		0	− 0·9	6·9	+ 2·6	0	3	14	7	0	3	1	0	3	5	11	4	0	0	0	2	7	2	Allahabad
	1·0[a]	0·03		0·03	14	0		5·4		0	4	8	5	0	2	3	6	3	6	7	5	1	1	0	1	9	1	Fatehpur
− 0·1	0·9	0·51	+ 0·11	0·41	10	2	+ 0·9	4·2	+ 1·1	2	3	5	3	3	0	4	5	1	7	6	4	0	0	1	6	6	1	Cawnpore
+ 0·1	1·3	0·27	− 0·74	0·27	10	1	− 0·5	1·8	− 0·9	2	1	17	1	1	0	0	0	9	0	0	5	0	0	0	1	0	25	Lucknow
+ 3·2	2·9	4·16	+ 2·49	3·50	27	2	− 0·8	1·3	− 1·9	1	1	23	4	0	0	0	0	2	0	0	13	7	1	0	0	3	7	Bahraich
																												United Provinces, West
+ 0·7	3·1	0·11	− 0·27	0·09	30	0	− 1·2	5·9	+ 1·7	1	3	7	0	1	8	10	1	0	3	4	3	0	0	3	9	5	4	Jhansi
− 0·2	2·3	0·11	− 0·36	0·11	17	1	− 0·4	4·9	+ 0·5	2	1	3	6	0	5	7	4	3	4	2	3	2	0	1	5	13	1	Agra
+ 0·3	2·5	1·81	+ 1·26	1·48	30	2	+ 0·7	4·3	+ 1·9	1	4	7	3	0	4	6	3	3	1	2	4	2	0	3	7	5	7	Mainpuri
	1·1	0·21		0·21	30	1		5·8		8	0	3	8	2	2	2	5	1	5	0	0	7	1	0	7	8	3	Aligarh
− 0·6	1·2[c]	0·63	− 0·16	0·35	9	2	+ 0·3	5·5	+ 2·7	2	0	16	12	0	1	0	0	0	5	0	4	6	0	1	10	2	3	Bareilly
− 0·3	2·3	0·16	− 0·68	0·14	9	1	− 0·9	5·6	+ 2·7	0	0	0	22	3	3	0	2	1	0	0	0	9	0	3	1	13	5	Roorkee
0	3·5	0·90	− 0·54	0·53	27	3	− 0·3	2·6	+ 1·0	1	1	0	5	5	8	7	1	3	2	0	0	1	4	20	3	0	1	Dehra Dun
																												Punjab, East and North
− 1·1	0·9[a]	0·05	− 0·53	0·03	17	0	− 1·8	7·9[d]	+ 4·4	2	0	7	5	1	2	9	2	3	5	2	4	3	0	1	8	6	2	New Delhi
		0·02		0·02	16	0				0	1	5	4	0	1	14	0	6										Hansi
− 1·0	0·6	0·17	− 0·46	0·13	29	1	− 0·5	6·2	+ 1·2	0	1	6	4	3	5	7	4	1	4	3	3	1	1	4	7	5	3	Hissar
− 0·4	2·0	0·04	− 0·83	0·04	16	0	− 1·7	6·6	+ 3·4	0	0	13	9	0	2	3	4	0	1	0	4	5	1	0	9	10	1	Ambala
− 0·6	1·4	0	− 0·64	0		0	− 1·6	3·8	+ 2·0	1	1	1	8	7	1	4	5	3	1	0	0	2	3	1	2	19	3	Ludhiana
− 1·0	0·7	0	− 0·70	0		0	− 1·4	2·7	+ 0·4	2	6	1	6	1	5	3	4	3	2	4	2	2	1	2	7	7	4	Lahore
− 0·9	0·5	0	− 1·13	0		0	− 2·3	3·0	+ 0·8	0	11	1	11	1	1	0	3	3	1	1	0	2	0	8	2	12	5	Sialkot
0	2·5	1·14	− 0·20	1·00	14	2	− 0·8	3·8	+ 1·5	2	4	1	4	0	1	3	2	14	2	2	0	1	2	5	4	9	6	Rawalpindi
																												Punjab, Southwest
+ 0·4	1·7	0	− 0·79	0		0	− 1·7	7·1	+ 2·0	1	8	6	2	1	6	4	1	2	1	5	8	4	6	3	1	2	1	Khushab
− 2·1	1·3	0	− 0·52	0		0	− 1·6	2·9	+ 0·2	1	2	1	3	5	8	0	2	9	2	1	0	2	2	4	2	10	8	Lyallpur
− 0·9	0·8	0	− 0·35	0		0	− 1·1	1·3	− 3·9	0	1	0	5	2	3	6	0	14	0	1	0	1	2	2	3	0	22	Montgomery
− 0·1	0·6	0	− 0·35	0		0	− 0·8	3·8	+ 2·1	4	2	1	5	10	5	1	2	1	4	1	1	3	11	5	3	2	1	Multan
	1·7	0·26		0·26	29	1		8·9		0	2	1	2	4	20	2	0	0	3	2	0	1	1	15	5	2	2	Fort Abbas
	0·5	0·04	− 0·26	0·01	28	0	− 1·0	3·8		0	0	0	4	2	19	3	0	3	0	2	2	0	3	7	8	2	7	Bahawalpur
	0·8	0	− 0·20	0		0	− 0·5	6·0		2	3	0	0	3	19	4	0	0	3	2	1	0	3	13	5	3	1	Khanpur

a—Mean of 30 days. c—Mean of 28 days. d—Mean of 27 days.

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature. °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Relative humidity %		
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Kashmir																						
Srinagar ...	5,205	24·754	-·063	24·659	84·5	+ 7·3	94	22	53·7	+ 2·9	43	1	66·2	81·7	58·4	63·5	·398	-·030	·385	63	-22	36
Gulmarg ...								Closed	from	Octo	ber	to May.										
Muzaffarabad ...	2,343	27·230	-·127		100·0	+10·3	107	20,22,23	70·1	+ 6·3	61	4	78·5		67·5		·513	+·096		55	+ 1	
Dras ...	10,059	20·857	+·062		63·0	+ 3·8	75	23	36·7	+ 3·7	24	2	47·4		41·4		·204	-·004		65	- 4	
Leh ...	11,503	19·740	+·028		70·2	+ 6·3	79	22	41·9	+ 5·0	32	1	51·5		40·4		·125	-·001		30	- 9	
Skardu ...	7,505				80·3	+ 7·6	88	21	53·9	+ 4·0	46	1, 2	63·1		53·8		·318	+·064		55	+ 3	
Gilgit ...	4,890				84·5	+ 0·7	92	23, 24	64·3	+ 4·1	59	4 days	70·2		59·5		·389	+·051		53	+ 4	
N.-W. F. Province																						
Peshawar ...	1,164	28·388	-·121	28·290	105·1	+ 8·3	114	21	75·3	+ 5·1	61	1, 2	92·8	102·8	67·9	70·2	·377	-·049	·324	25	-11	16
Miranshah ...	3,026				100·3		109	20	74·8		61	1	85·2		65·3		·367			31		
Dera Ismail Khan...	570	28·936	-·114	28·832	109·5	+ 5·8	115	20	78·8	+ 4·0	65	1	93·2	107·9	74·5	79·6	·616	+·017	·635	40	- 8	27
Baluchistan																						
Fort Sandeman ...	4,614	25·246	-·057	25·161	97·6	+ 6·2	103	13, 14	70·4	+ 6·6	58	1	76·9	96·2	57·1	60·7	·234	-·053	·124	26	- 8	7
Sibi ...	441	29·078			114·3		122	12	86·5		75	1, 3	97·1		70·5		·401			24		
Quetta ...	5,540	24·468	-·048	24·398	89·2		95	13, 22	54·5		44	1	75·8	87·4	60·2	62·9	·354		·317	41		22
Chaman ...	4,311	25·516	-·065	25·455	96·5	+ 6·3	103	23, 24	70·6	+ 6·3	63	15	84·1	95·4	63·6	68·2	·357	+·081	·369	31	+ 2	23
Kalat ...	6,616	23·582	-·005		87·6	+ 4·4	95	13, 23	53·5	+ 8·7	46	16	75·8		59·6		·349	+·070		39	-11	
Dalbandin ...	2,780	26·911	-·073	26·817	104·5	+ 3·9	111	22	68·7	+ 2·5	62	16	88·4	103·4	67·9	73·1	·433	+·163	·445	33	+ 9	22
Nokkundi ...	2,229	27·423		27·336	106·7		114	23	78·2		63	15	94·2	105·3	66·2	71·5	·301		·337	18		14
Las Bela ...	292	29·293		29·165	107·3		120	8, 9, 10	76·8		71	9	86·7	103·3	78·7	80·3	·880		·750	69		38
Ormara ...	15	29·587		29·495	93·0		112	9	80·4		75	5	84·5	89·3	76·1	77·8	·781		·794	69		58
Pasni ...	10	29·594	-·104	29·502	93·9	- 0·2	112	10	77·5	+ 3·4	71	15	84·3	89·3	77·6	80·1	·869	+·014	·893	75	0	66
Panjgur ...	3,177	26·554	-·061	26·460	101·1	+ 3·7	108	22	70·9	+ 3·2	64	5, 16	84·1	99·8	68·6	71·4	·526	+·079	·430	45	- 2	24
Gwadar ...	39	29·563		29·480	93·4		110	9	79·1		77	10 days	83·1	89·8	78·5	78·9	·928		·840	81		62
Sind																						
Jacobabad ...	186	29·317	-·103	29·219	113·6	+ 1·5	122	19	79·6	+ 0·9	77	2	92·3	112·8	75·3	78·6	·637	-·017	·528	45	+ 1	18
Sukkur ...	221	29·238			109·5		116	8	82·6		76	1	87·8		76·3		·740			59		
Naushahro ...	140	29·356		29·254	115·5		121	10, 19	82·5		78	2	93·1	114·3	75·2	76·6	·623		·418	42		16
Chhor ...	19	29·550		29·435	106·7		116	9	78·7		73	1	86·0	103·6								
Hyderabad ...	96	29·459	-·094	29·370	107·4	+ 0·4	119	8	80·4	+ 2·2	77	6	88·4	104·0	76·7	77·1	·770	+·034	·560	57	+ 2	29
Karachi (Drigh Road)	77	29·516		29·446	95·7		118	9	79·5		75	26	85·5	90·6	77·4	78·3	·818		·788	69		58
Karachi (Manora)...	13	29·581	-·107	29·520	83·6	- 0·2	109	9	80·1	+ 1·4	75	26	83·3	86·6	79·8	81·5	·974	+·077	·988	85	+ 5	80
Badin ...	37	29·555		29·464	102·3		114	9	79·2		76	1, 6	86·7	98·9	77·8	78·3	·835		·679	65		38
Rajputana, West																						
Sri Ganganagar ...	580	28·918		28·829	110·7		116	12	80·5		67	1, 2	93·7	108·3	71·7	72·2	·487		·298	31		13
Bikaner ...	734	28·806	-·030	28·693	109·0		116	12	83·8		77	1, 2	91·9	108·0	70·9	72·3	·475		·305	33		15
Jodhpur ...	780	28·822	-·071	28·698	107·0	+ 1·0	116	8	82·7	+ 2·9	78	18, 19	87·5	105·4	73·9	73·7	·653	+·143	·413	51	+10	19
Barmer ...	638	28·951		28·832	105·9		116	9, 9, 10	78·7		71	19	85·7	104·9	71·5	78·0	·718		·591	58		28
Rajputana, East																						
Jaipur ...	1,431	28·161	-·091	28·053	107·0	+ 2·2	111	8, 9	82·7	+ 5·9	76	1	90·8	104·5	71·5	71·9	·512	+·056	·375	36	0	16
Ajmer ...	1,593	28·004	-·104	27·902	103·3	- 0·1	109	8, 9	83·9	+ 3·8	80	19	87·9	101·7	72·7	72·6	·622	+·077	·445	46	+ 3	21
Kotah ...	843	28·787	-·094	28·609	109·4	+ 1·1	116	9	88·0	+ 3·0	83	28	94·4	107·4	72·9	72·9	·520	+·077	·376	33	+ 4	15
Brijnagar ...	1,053	28·542		28·408	107·9		113	9	83·3		79	30, 31	90·4	105·4	74·6	74·4	·665		·448	46		20
Gujarat																						
Deesa ...	466	29·189	-·072	29·053	105·1	- 1·9	112	8	78·4	+ 1·0	74	1	83·9	103·7	77·6	79·3	·869	+·183	·657	75	+18	32
Bhuj ...	343	29·298	-·079	29·216	93·6	- 2·6	106	8	78·8	+ 2·2	76	6	84·8	95·3	75·9	75·6	·774	-·030	·632	65	- 2	38
Dwarka ...	37	29·635	-·083	29·567	87·6	- 0·5	91	31	80·7	+ 0·4	79	2, 6, 25	83·6	85·7	78·9	79·9	·928	+·010	·940	80	- 1	77
Jamnagar ...	60	29·603	-·077		97·0	- 0·7	105	10	78·7	+ 2·0	75	1, 2	86·4		78·5		·860	+·051		69	+ 2	
Rajkot ...	482	29·247	-·067	29·130	103·8	- 1·8	110	8	77·1	+ 2·0	73	2	84·8	99·1	75·9	74·5	·774	-·015	·535	65	- 2	30
Veraval ...	19	29·687	-·066	29·613	87·5	+ 1·8	90	30, 31	80·3	+ 1·7	72	1	84·2	86·1	81·1	82·7	1·015	+·108	1·079	87	+ 5	86
Surat ...	39	29·665	-·071	29·572	94·8	- 2·6	105	7	80·6	+ 2·1	75	1	86·7	90·7	77·9	78·9	·835	-·004	·826	66	- 1	59
Bhavnagar ...	55	29·651	-·058	29·496	104·6	- 0·4	112	2	79·7	+ 1·5	76	1	86·5	100·3	75·2	78·5	·711	-·089	·691	57	- 7	37
Ahmadabad ...	163	29·526	-·062	29·359	104·3	- 3·1	109	2, 8	79·4	+ 0·2	74	1	86·8	101·8	76·2	75·7	·754	+·018	·544	60	+ 1	27
Dohad ...	1,093	28·578			101·5		107	7	77·9		72	31	82·8		74·6		·758			67		
Baroda ...	115	29·579		29·488	103·0		109	1, 7	80·0		73	1	85·8	99·9	76·5	77·3	·797		·621	64		34

a—Mean of 30 days. b—Mean of 26 days. h—Mean of 23 days. i—Mean of 22 days. k—Mean of 20 days. n—Mean of 17 days.

ud amount ths of sky).		Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																	STATION.
										8 hrs. L. M. T.									17 hrs. I. S. T.									
Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																												Kashmir
− 1·6	3·6	1·26	− 1·01	0·90	14	2	− 3·3	2·8	− 0·1	1	1	2	9	8	0	2	1	7	5	5	1	2	1	1	4	5	7	Srinagar
																												Gulmarg
− 2·0		1·02	− 1·47	0·50	14	3	− 1·6	3·3	+ 1·6	3	0	0	0	2	0	0	0	26										Muzaffarabad
− 2·4		0·20	− 2·19	0·09	14	0	− 5·0	3·7	+ 0·5	0	0	0	0	0	0	0	0	31										Dras
− 2·7		0	− 0·21	0		0	− 0·7	4·6	+ 2·0	0	0	0	1	17	4	1	0	8										Leh
− 2·5		0	− 0·96	0		0	− 2·0	4·7	− 0·9	0	1	2	0	0	1	1	0	36										Skardu
− 1·4		0·28	− 0·45	0·11	27	1	− 1·2	0·4	− 0·9	0	0	0	0	0	0	0	0	31										Gilgit
																												N.-W. F. Province
− 1·5	3·3	0·22	− 0·60	0·19	15	1	− 1·0	3·7	+ 1·0	4	1	2	1	1	2	0	6	14	6	8	4	2	0	2	1	5	3	Peshawar
		0·30		0·29	14	1		5·5		0	4	2	0	2	2	4	6	11										Miranshah
+ 0·2	1·7	0	− 0·40	0		0	− 0·9	2·5	+ 0·6	6	10	3	2	1	0	0	2	7	0	4	2	4	3	1	0	0	17	Dera Ismail Khan
																												Baluchistan
− 0·2	2·9	0	− 0·75	0		0	− 1·7	3·2	+ 0·1	0	0	0	0	0	0	1	0	30	2	0	3	0	0	1	7	1	17	Fort Sandeman
		0		0		0		5·0		2	3	3	2	3	7	3	5	3										Sibi
− 0·4	2·4	0		0		0		4·6		7	5	0	4	6	4	3	2	0	10	2	0	0	1	2	6	9	1	Quetta
− 0·4	1·2	0	− 0·12	0		0	− 0·4	6·9	+ 1·4	1	1	2	1	7	13	4	1	1	0	1	0	0	4	11	7	8	0	Chaman
− 0·4		0	− 0·22	0		0	− 0·8	4·3	− 1·2	3	0	0	2	3	1	0	6	11										Kalat
− 0·2	1·5	0	− 0·09	0		0	− 0·3	2·2	− 2·9	1	4	4	0	1	1	1	1	18	3	3	3	3	3	3	3	3	7	Dalbandin
	1·1[a]	0		0		0		9·2[j]		5	2	3	4	4	2	2	3	4	14	1	0	1	0	2	1	11	1	Nokkundi
	1·1[e]	1·21		0·81	25	2		3·4		2	1	4	0	3	2	0	1	18	0	0	1	5	21	2	0	2	0	Las Bela
	0·4	0		0		0		15·2		0	0	1	0	0	10	15	5	0	0	0	0	1	5	14	10	1	0	Ormara
+ 1·2	0·4	0	− 0·02	0		0	− 0·1	9·6	+ 1·8	1	0	3	3	3	3	8	8	2	0	0	0	0	4	14	11	2	0	Pasni
− 0·5	0·6	0	− 0·11	0		0	− 0·3	6·0	+ 1·1	8	11	2	0	1	5	1	1	2	12	4	1	0	0	6	2	6	0	Panjgur
	0·8	0		0		0		7·1[e]		0	2	5	1	0	5	12	0	6	0	0	0	1	10	13	7	0	0	Gwadar
																												Sind
− 0·1	0·8	0	− 0·14	0		0	− 0·4	5·0	+ 1·8	2	2	0	18	2	3	0	2	2	0	0	0	16	1	6	0	6	2	Jacobabad
		0		0		0		4·2		1	4	0	17	2	4	0	1	2										Sukkur
	0·7	0	− 0·10	0		0	− 0·3	2·4		0	4	1	0	3	8	4	10	1	2	3	1	0	6	10	2	7	0	Naushahro
	1·1	0		0		0		12·2		0	0	0	0	15	14	2	0	0	0	0	0	0	10	16	4	1	0	Chhor
+ 0·4	1·2	0	− 0·20	0		0	− 0·4	11·3	+ 2·1	0	0	0	0	11	16	4	0	0	0	0	0	1	9	18	2	0	1	Hyderabad
	3·2	0·13		0·12	26	1		16·1		0	0	0	0	0	8	19	2	2	0	0	0	0	0	21	10	0	0	Karachi (Drigh Road)
− 0·3	3·0	0·12	+ 0·05	0·12	26	1	+ 0·9	13·6	+ 1·9	1	1	0	0	1	14	13	1	0	0	0	0	0	1	22	8	0	0	Karachi (Manora)
	0	0		0		0		17·4		0	0	0	0	0	3	28	0	0	0	0	0	0	2	6	23	0	0	Badin
																												Rajputana, West
	1·0	0		0		0		8·5		3	1	1	6	1	11	7	1	0	6	1	0	1	1	8	4	10	0	Sri Ganganagar
− 0·6	1·5	0		0		0		6·4	+ 0·3	0	0	1	2	1	16	9	2	0	3	0	0	0	0	13	9	6	0	Bikaner
+ 0·4	1·9	0	− 0·45	0		0	− 1·1	8·9	+ 3·8	0	0	0	0	3	22	5	1	0	0	2	0	0	4	16	7	2	0	Jodhpur
	1·9	1·00		0·99	31	1		9·1		0	0	0	0	10	18	2	1	0	1	0	0	0	4	13	11	1	1	Barmer
																												Rajputana, East
− 0·9	1·5	0	− 0·53	0		0	− 1·5	5·2	− 0·4	1	1	1	1	0	6	14	6	1	2	0	1	0	0	3	17	8	0	Jaipur
− 0·7	1·5	0	− 0·60	0		0	− 1·6	6·9	+ 0·3	0	0	0	0	0	9	21	1	0	1	1	0	0	0	8	16	1	4	Ajmer
+ 1·2	3·2	0·10	− 0·49	0·10	30	1	− 0·3	5·0	+ 0·6	0	0	0	0	0	5	13	11	2	1	1	0	0	0	3	11	13	2	Kotah
	2·9	0·10		0·10	30	1		6·6		1	0	1	0	0	8	16	5	0	1	0	0	0	0	9	14	7	0	Brijnagar
																												Gujarat
+ 1·9	1·3	0·11	− 0·32	0·10	25	1	+ 0·3	5·5	− 4·0	0	0	0	0	12	13	1	1	4	0	0	0	0	4	15	8	0	4	Deesa
+ 1·0	1·4	0	− 0·07	0		0	− 0·2	11·0	− 0·7	0	0	0	0	0	17	11	1	2	0	0	0	1	1	16	13	0	0	Bhuj
+ 0·8	3·2	0·19	+ 0·18	0·12	30	1	+ 1·0	13·5	+ 2·4	0	0	0	1	2	22	6	0	0	0	0	0	0	2	21	8	0	0	Dwarka
+ 2·3		0·60	+ 0·51	0·50	31	2	+ 1·8	9·0	− 6·4	0	0	0	0	0	14	14	1	2										Jamnagar
+ 1·6	3·5	2·36	+ 1·98	1·75	29	2	+ 1·4	15·1	+ 4·5	0	0	0	1	2	20	7	1	0	1	0	0	0	2	10	11	7	0	Rajkot
+ 0·2	2·1	0·03	− 0·28	0·03	31	0	− 0·4	7·6	− 0·4	1	0	0	3	4	7	11	5	0	0	0	0	1	4	8	15	3	0	Veraval
+ 2·6	1·7	0·05	− 0·19	0·05	31	0	− 0·4	8·7	+ 1·7	0	0	1	2	8	11	6	1	2	1	0	0	1	10	14	5	0	0	Surat
+ 1·7	2·3	0·05	− 0·39	0·05	29	0	− 0·9	7·9	+ 0·3	1	0	0	0	1	14	14	1	0	1	1	0	0	8	14	6	1	0	Bhavnagar
+ 0·2	1·1	1·20	+ 0·77	1·20	31	1	+ 0·3	6·2	+ 1·3	0	0	0	0	2	16	11	2	0	0	0	0	0	5	12	11	3	0	Ahmadabad
		4·92		4·83	31	1				0	0	0	0	1	3	27	0	0										Dohad
	1·2	0·05		0·05	31	0		6·7		0	0	0	0	4	20	3	1	3	0	0	0	1	4	19	5	1	1	Baroda

a—Mean of 30 days. e—Mean of 26 days. j—Mean of 21 days.

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Relative humidity %		
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Central India, West																						
Neemuch ...	1,626	28·010	−·085	27·917	103·6	0	110	8	79·3	+2·1	77	9 days	85·7	100·2	75·4	79·4	·724	+·124	·704	61	+12	39
Indore ...	1,823	27·848	−·072	27·734	101·7	− 1·2	108	8, 9	77·7	+1·6	72	31	83·6	97·3	71·0	69·6	·589	−·030	·382	53	+ 3	23
Bhopal ...	1,648	28·002		27·873	104·3		110	8	81·1		75	30	87·6	100·9	70·7	71·1	·535		·353	41		20
Guna ...	1,571	28·038		27·919	107·2		113	9	81·0		75	22,30,31	91·4	102·6	73·3	75·3	·567		·495	41		26
Central India, East																						
Nowgong ...	750	28·811	−·086	28·678	109·1	+ 2·1	113	7	83·2	+3·5	74	2, 3	93·6	105·9	74·7	78·5	·610	+·121	·616	39	+ 4	27
Sutna ...	1,041	28·514	−·087	28·396	107·4	+ 2·2	111	5, 7	81·2	+1·6	75	5 days	92·3	102·5	73·3	75·6	·554	+·098	·531	36	+ 4	26
Umaria ...	1,506	28·085		27·966	105·7		110	9	81·0		75	10, 15	90·5	100·7	70·3	71·9	·463		·393	34		22
Berar																						
Akola ...	925	28·722	−·068	28·564	106·9	− 1·1	113	1, 9	82·5	+1·5	77	10,28,31	87·0	103·1	72·9	73·6	·621	+·095	·440	49	+10	22
Amraoti ...	1,213	28·422	−·071		106·1	− 1·4	110	4 days	81·8	+1·5	76	31	88·5		71·7		·554	+·013		42	+ 3	
Central Provinces, West																						
Khandwa ...	1,044	28·608	−·068	28·467	106·0	− 0·7	114	8	81·6	+0·6	76	30	86·4	101·9	73·3	72·6	·635	+·094	·412	51	+ 9	22
Hoshangabad ...	992	28·626	−·083	28·478	107·1	+ 0·2	112	8, 9	82·9	+3·5	77	1	89·1	104·2	71·3	72·5	·515	+·030	·385	40	+ 5	18
Saugor ...	1,808	27·803	−·086	27·688	108·2	+ 3·5	110	8, 9	80·2	+1·2	68	12	88·2	103·0	67·7	68·8	·408	−·027	·251	31	− 2	17
Jubbulpore ...	1,289	28·308	−·074	28·175	107·1	+ 1·8	112	9	80·9	+3·4	75	6, 7	89·4	102·4	69·2	72·3	·439	−·005	·379	33	0	20
Seoni ...	2,027	27·611	−·074	27·502	104·7	+ 1·3	110	9	78·6	+2·5	72	11	90·0	98·4	70·2	71·2	·463	+·027	·394	35	+ 2	25
Nagpur ...	1,017	28·594	−·069	28·455	108·6	0	113	1, 8, 9	83·4	+1·6	75	11	91·6	101·4	71·6	73·2	·514	+·029	·432	36	+ 3	25
Central Provinces, East																						
Pendra ...	2,040	27·576	−·085	27·460	102·7	+ 3·5	107	1, 3	77·5	+1·0	66	31	87·6	94·9	70·1	70·5	·497	+·047	·428	41	+ 4	30
Raipur ...	970	28·608	−·087	28·474	110·5	+ 3·7	114	13, 18	83·3	+1·7	75	11	91·7	101·6	72·6	74·0	·554	+·038	·467	38	+ 1	26
Kanker ...	1,318	28·292		28·166	104·1		109	5, 6	81·2		71	11	89·6	100·4	72·5	73·5	·581		·446	42		26
Chanda ...	684	28·992	−·065	28·836	109·5	+ 0·3	114	7, 8	82·9	+1·0	74	31	92·0	103·4	71·9	73·5	·514	−·047	·406	36	− 2	22
Jagdalpur ...	1,813	27·829	−·076	27·712	101·1	+ 0·6	108	5, 6, 7	76·1	+0·7	68	10	84·4	93·6	72·2	72·6	·622	−·070	·527	54	− 4	37
Konkan																						
Bombay ...	37	29·697	−·070	29·610	91·9	+ 1·1	94	27	80·9	+1·6	78	27	84·7	88·4	78·3	79·5	·869	−·012	·867	74	0	66
Alibag ...	23	29·721			90·0		92	12,27,29	80·3		76	27, 31	85·2		78·7		·901			74		
Ratnagiri ...	207	29·547	−·051	29·463	90·1	− 0·7	93	29	80·1	+0·4	73	31	84·6	86·2	77·4	78·4	·831	−·005	·849	71	+ 1	70
Marmagao ...	202	29·546	−·055	29·464	88·9		92	26	79·7		74	28, 31	84·1	86·3	78·8	79·5	·914		·894	78		74
Karwar ...	44	29·725	−·041	29·640	89·8	0	93	1	79·4	−0·2	74	27, 31	83·8	87·1	77·7	78·4	·876	+·014	·842	75	− 2	67
Bombay Deccan																						
Jalgaon ...	660	29·001			[67·1]		114	1, 9	80·1		73	28, 31	85·4		74·3		·689			57		
Malegaon ...	1,430	28·256	−·072	28·133	103·1	− 1·7	111	9	75·1	−0·1	71	25, 27	86·0	93·0	73·3	74·5	·642	+·041	·549	54	+ 6	32
Ahmadnagar ...	2,154	27·580	−·063	27·448	99·9	− 1·4	105	9	70·6	−1·3	64	15	81·5	94·1	68·6	69·8	·533	−·036	·402	51	+ 1	30
Poona ...	1,834	27·910	−·054	27·795	96·5	− 2·3	104	7	72·2	−0·8	65	2, 4	81·3	91·4	70·7	71·9	·626	+·032	·538	58	+ 2	38
Sholapur ...	1,570	28·154	−·042	27·999	103·3	+ 0·2	110	7, 8	75·8	−0·9	72	19, 22	82·8	100·0	70·3	70·7	·564	+·021	·360	52	+ 2	21
Miraj ...	1,824	27·923		27·795	95·1		102	6, 7, 8	72·3		69	4, 15	79·1	92·6	71·7	74·0	·682		·588	68		40
Inchalkaranji ...	1,795	27·953			98·1		107	7	71·8		66	4	80·2		72·6		·709			69		
Bijapur ...	1,950	27·784	−·055	27·643	100·6	− 0·4	108	8	74·0	−0·3	71	3	81·8	95·8	70·1	71·9	·577	−·064	·460	55	− 5	31
Belgaum ...	2,562	27·230	−·037	27·139	91·7	− 1·4	99	6, 7	68·4	+0·2	64	4	76·3	84·1	69·9	72·0	·645	+·019	·622	72	+ 2	54
Gadag ...	2,131	27·638		27·509	97·1		105	7, 8	72·0		69	3, 16	78·2	92·2	71·2	71·1	·663		·475	69		34
Hyderabad, North																						
Aurangabad ...	1,905	27·822	−·061		101·9	− 1·7	108	8, 9	74·9	−0·3	70	31	82·8		70·4		·564	+·056		53	+10	
Nizamabad ...	1,250	28·410	−·078		105·6	− 0·7	112	7	81·4	+0·4	75	26, 27	87·1		70·3		·503	−·133		42	− 5	
Hyderabad, South																						
Gulbarga ...	1,503	28·202	−·050		103·3	− 1·3	110	8	77·8	−0·4	73	18, 27	83·7		69·8		·544	−·103		49	− 6	
Raichur ...	1,311	28·390	−·055		102·1	− 1·2	110	7, 8	79·0	−0·2	71	26	83·7		72·2		·638	−·042		56	0	
Hyderabad ...	1,709	27·979	−·048		103·9	+ 0·8	110	7, 6, 11	80·1	+0·1	73	26, 28	85·1		71·1		·569	−·049		49	− 2	
Hanamkonda ...	877	28·749	−·083		106·2	+ 2·8	111	5, 6, 7	83·2	+1·9	75	30, 31	89·3		73·4		·594	−·059		47	− 3	
Mysore																						
Chitaldrug ...	2,405	27·373	−·042	27·314	96·5	+ 2·1	103	7	71·9	+0·4	69	7, 26	77·8	93·8	71·2	72·1	·670	+·009	·494	71	0	33
Balehonnur ...	2,917	26·918			83·4		87	16	66·8		64	10, 19	71·9		69·0		·675			86		
Hassan ...	3,149	26·688	−·038		92·2	+ 3·3	98	7	68·6	+1·5	63	31	74·6		68·8		·636	−·010		74	− 2	
Bangalore ...	3,021	26·801	−·035	26·689	91·5	+ 0·6	97	1, 7, 8	70·1	+1·4	66	10	74·8	88·4	68·5	68·4	·626	−·033	·433	72	− 3	37
Mysore ...	2,518	27·285	−·044	27·184	92·4	+ 0·6	98	7, 17	70·8	+1·1	67	10, 19	75·9	88·5	70·0	70·6	·651	−·028	·515	73	− 2	39

amount s of sky).		Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																	STATION.
										8 hrs. L. M. T.									17 hrs. I. S. T.									
Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																												Central India, West
0·3	3·4	0·16	− 0·51	0·10	31	1	− 0·4	11·6	+ 3·1	0	0	0	1	0	25	4	1	0	0	2	0	0	0	7	17	5	0	Neemuch
0·7	3·4	2·00	+ 1·42	1·40	31	3	+ 1·5	7·9	+ 2·8	0	0	0	0	0	3	19	8	1	2	1	0	1	0	4	18	5	0	Indore
	4·1	0·73		0·58	30	1		6·7		1	0	0	0	0	2	14	14	0	1	1	1	0	1	3	14	9	1	Bhopal
	2·8	2·51		1·76	30	4		7·2		0	0	0	0	0	4	14	11	2	3	2	1	1	0	3	9	11	1	Guna
																												Central India, East
0·2	3·9	0·55	+ 0·16	0·19	28	2	+ 1·0	4·3	+ 1·6	0	2	1	4	3	5	8	5	3	7	6	1	1	0	3	4	7	2	Nowgong
0·1	2·6	0·91	+ 0·46	0·44	27	3	+ 1·7	5·8	+ 1·0	0	1	5	2	3	4	10	4	2	3	4	2	0	0	1	7	13	1	Sutna
	6·7	1·42		0·78	15	4		3·9		0	0	0	1	2	3	11	9	5	7	4	1	0	1	1	5	10	2	Umaria
																												Berar
0 6	3·1	0·40	− 0·06	0·20	31	2	+ 0·9	10·4	+ 3·4	0	0	0	0	0	2	12	17	0	1	0	1	1	0	3	11	14	0	Akola
0·7		1·48	+ 0·80	0·90	17	2	+ 0·4	8·6	+ 3·2	0	0	0	0	1	2	21	7	0										Amraoti
																												Central Provinces, West
0·7	3·7	0·45	+ 0·03	0·40	30	1	+ 0·1	10·9		0	0	0	0	0	2	25	4	0	0	0	2	0	2	1	18	8	0	Khandwa
2·2	5·7	0·44	− 0·14	0·19	10	2	+ 0·8	5·0	+ 1·9	2	1	1	0	1	14	9	2	1	0	1	0	0	1	8	13	4	4	Hoshangabad
0·8	4·5	2·00	+ 1·50	0·75	30	4	+ 2·9	13·0	+ 8·4	1	0	1	0	1	7	13	8	0	0	0	1	0	1	6	12	11	0	Saugor
1·7	5·3	0·51	− 0·02	0·29	31	1	− 0·3	4·3	+ 1·4	0	0	0	1	3	13	5	0	9	4	2	0	0	1	9	6	4	5	Jubbulpore
1·8	6·5	1·05	+ 0·26	0·46	30	3	+ 0·9	5·3	+ 1·6	13	5	0	0	0	2	6	5	0	9	6	1	0	2	2	3	6	2	Seoni
1·6	6·3	2·05	+ 1·22	1·13	30	6	+ 3·9	5·5	0	0	3	5	1	0	6	8	8	0	0	1	5	1	0	4	13	7	0	Nagpur
																												Central Provinces, East
0·1	5·2	3·99	+ 3·03	1·89	31	7	+ 4·6	5·9	+ 1·1	2	1	0	1	12	5	1	7	2	4	1	1	1	5	4	4	11	0	Pendra
2·3	7·6	1·35	+ 0·35	0·80	29	3	+ 0·7	5·5	− 0·2	2	2	0	1	0	12	9	2	3	3	1	0	0	0	5	8	2	12	Raipur
	5·1	1·39		0·87	31	2		6·6		0	0	0	6	0	10	4	3	8	0	0	0	6	0	7	13	3	2	Kanker
1·0	3·8	0·59	− 0·12	0·38	31	2	+ 0·3	6·3	+ 2·5	2	0	0	0	6	3	18	2	0	4	1	1	1	4	3	13	3	1	Chanda
2·1	8·0	2·70	+ 0·28	0·65	8	7	+ 2·0	3·6		0	1	0	2	0	4	11	0	7	0	1	1	2	6	7	10	2	2	Jagdalpur
																												Konkan
0·5	3·7	1·29	+ 0·45	0·61	27	3	+ 2·2	6·2	− 2·9	2	0	1	4	5	5	8	6	0	0	0	0	0	1	4	11	15	0	Bombay
		6·27		4·06	29	3		9·8		1	0	1	5	6	9	3	6	0										Alibag
0·2	2·5	2·20	+ 0·84	1·46	31	5	+ 3·5	7·8	+ 0·5	1	1	3	4	2	1	8	11	0	0	0	0	0	1	12	2	16	0	Ratnagiri
0·4	4·4	2·81		1·02	31	4		11·0		6	2	4	3	1	1	5	9	0	0	0	0	1	5	2	17	6	0	Marmagao
0·6	4·1	6·02	+ 2·79	1·78	29	6	+ 2·5	4·5	+ 0·8	7	6	0	1	1	8	0	6	2	3	1	0	0	1	18	0	8	0	Karwar
																												Bombay Deccan
		1·44		0·96	28	3				0	0	0	0	0	1	29	0	1										Jalgaon
0·5	3·5	3·60	+ 2·72	1·56	27	4	+ 2·7	6·5	− 2·9	1	0	2	0	1	6	13	6	2	3	3	2	1	1	1	14	6	0	Malegaon
1·4	5·0	3·29	+ 2·38	0·78	24	6	+ 4·4	6·5	− 2·3	3	0	0	0	2	2	7	17	0	3	2	0	1	0	4	5	16	0	Ahmadnagar
0·6	3·4	0·48	− 0·72	0·43	27	1	− 0·8	6·4		0	0	2	1	0	1	21	4	2	0	0	0	0	1	0	25	5	0	Poona
0·1	3·9	0·96	− 0·07	0·55	26	2	− 0·2	8·2	− 0·5	8	2	0	1	1	7	7	5	0	5	1	1	0	4	7	9	4	0	Sholapur
	4·5	5·51		4·26	28	4		10·0		0	0	0	2	2	3	13	11	0	1	0	0	1	1	3	19	6	0	Miraj
		3·33		1·65	26	2		9·7		0	0	0	1	1	5	16	8	0										Inchalkaranji
2·1	6·6	1·32	+ 0·06	0·36	23	5	+ 2·2	8·0	+ 1·1	2	0	0	0	0	4	9	16	0	3	1	1	0	2	3	11	10	0	Bijapur
0·2	4·1	0·88	− 1·58	0·53	27	2	− 2·6	6·2	− 4·7	0	0	0	0	4	2	24	1	0	0	0	1	0	2	5	23	0	0	Belgaum
	5·2	1 88		0·56	22	5		10·6		0	0	0	0	2	7	18	4	0	1	0	1	0	1	7	16	5	0	Gadag
																												Hyderabad, North
0		1·98	+ 1·13	0·65	27, 28	3	+ 1·5	13·2	+ 3·9	0	1	0	0	2	1	20	7	0										Aurangabad
1·7		0·44	− 0·17	0·23	26	1	− 0·5	5·7	+ 0·6	0	1	0	0	3	12	10	5	0										Nizamabad
																												Hyderabad, South
1·0		1·48	+ 0·29	0·79	27	3	+ 0·3	10·7	+ 2·5	2	0	0	0	0	5	12	12	0										Gulbarga
0·9		1·24	+ 0·20	0·40	13	4	+ 2·0	11·5	+ 3·3	4	0	0	0	2	6	5	14	0										Raichur
1·5		1·84	+ 0·84	1·16	26	2	− 0·3	4·5	+ 0·2	3	3	0	0	0	6	10	9	0										Hyderabad
1·2		1·11	+ 0·19	0·36	30	4	+ 2·0	9·0	+ 2·9	5	0	0	3	4	2	4	12	1										Hanamkonda
																												Mysore
2·0	3·6	1·22	− 1·88	0·69	26	3	− 1·5	8·4	+ 2·4	0	0	0	0	0	11	17	3	0	2	0	1	0	0	3	13	12	0	Chitaldrug
		1·24		0·57	1	5		2·9		4	0	0	3	0	3	9	2	10										Balehonnur
0·4		0·50	− 4·19	0·25	23	1	− 6·2	7·5	+ 3·1	1	0	0	0	1	4	22	3	0										Hassan
1·9	7·6	2·34	− 2·02	1·06	10	6	− 0·8	9·6	+ 4·5	0	0	0	0	0	0	26	5	0.	3	1	0	0	0	5	10	12	0	Bangalore
0·9	7·3	0·38	− 4·80	0·20	23	1	− 6·5	8·4	+ 1·8	0	0	0	0	1	9	17	0	4	0	0	0	0	1	8	16	4	2	Mysore

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Relative humidity %		
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Malabar																						
Mangalore ...	72	29·695	−·048	29·613	89·2	− 2·1	91	14 days	78·7	0	73	1	83·6	86·8	78·0	79·1	·882	+·029	·887	77	+ 3	70
Calicut ...	27	29·757	−·026	29·669	90·7	+ 0·8	93	5 days	78·3	+ 0·1	74	27, 30	82·2	87·9	78·0	81·2	·903	+·011	·968	82	+ 2	74
Cochin ...	10	29·780	−·030	29·694	87·5	− 2·2	89	6 days	78·9	+ 1·3	74	27	82·7	85·4	78·3	79·3	·896	+·005	·908	82	+ 2	73
Trivandrum ...	200	29·573	−·038	29·484	87·1	+ 0·4	89	6 days	79·7	+ 1·8	76	27	83·2	85·3	79·0	78·9	·935	+·068	·901	82	+ 1	74
Madras, Southeast																						
Pamban ...	37	29·677	−·052	29·583	91·0	− 0·4	93	5, 12	82·3	+ 1·3	79	12, 13	85·0	86·2	80·1	80·6	·954	+·004	·981	80	+ 2	78
Madura ...	463	29·215	−·059	29·124	102·5	+ 2·5	107	8	80·5	+ 2·5	74	17	86·8	96·6	75·2	76·3	·711	−·101	·618	56	− 10	37
Negapatam ...	31	29·676	−·047	29·560	99·8	+ 2·3	104	17	81·7	+ 1·3	74	12	87·1	89·6	77·9	81·4	·835	−·053	·947	65	− 5	69
Trichinopoly ...	255	29·448	−·062	29·307	102·5	+ 0·9	106	6, 8	81·2	+ 2·4	76	8	86·5	100·6	75·8	76·7	·754	−·042	·601	59	− 6	31
Coimbatore ...	1,341	28·398	−·049	28·284	94·5	− 0·3	97	4 days	75·5	+ 2·0	72	10, 27	82·0	89·3	74·0	75·0	·730	−·091	·670	67	− 13	49
Salem ...	918	28·804	−·055	28·652	100·5	+ 0·9	106	6	78·7	+ 2·3	73	10, 12	83·0	97·6	74·5	75·2	·752	−·078	·562	66	− 6	33
Cuddalore ...	39	29·640	−·067	29·524	99·7	+ 1·3	106	17	81·7	+ 1·4	77	12	88·8	88·8	77·7	82·0	·808	−·085	·996	59	− 11	74
Vellore ...	703	28·979	−·071	28·855	103·4	+ 1·6	110	6	81·7	+ 3·0	76	26	86·0	96·6	77·5	78·4	·811	+·016	·718	67	+ 2	45
Madras ...	22	29·640	−·073	29·539	101·0	+ 3·1	108	17	82·8	+ 1·9	76	12	89·6	90·7	77·3	79·9	·794	−·067	·873	57	− 9	61
Madras, Deccan																						
Cuddapah ...	428	29·274	−·045	29·096	105·9	0	113	7	83·3	+ 0·2	75	27	88·3	103·6	76·6	78·0	·770	+·009	·611	57	+ 2	29
Bellary ...	1,473	28·244	−·054	28·096	100·1	− 2·3	108	7, 8	78·5	+ 1·0	75	22	83·8	97·9	71·7	72·1	·622	−·017	·433	53	− 2	26
Kurnool ...	923	28·773	−·053	28·602	103·5	− 1·1	112	9	80·7	− 0·2	74	26	85·3	102·0	72·4	73·4	·608	−·109	·426	52	− 5	23
Rentichintala ...	349	29·295		29·137	107·9		114	5	84·1		72	22	90·9	104·3	77·3	78·9	·743		·643	55		31
Madras Coast, North																						
Nellore ...	66	29·582	−·066	29·457	107·3	+ 2·7	113	6	85·0	+ 3·5	77	31	92·2	99·0	77·2	79·9	·723	−·132	·764	49	− 14	42
Masulipatam ...	10	29·621	−·086	29·489	100·4	+ 0·7	109	4, 17, 18	83·0	+ 1·5	72	10	88·2	93·1	80·3	80·2	·913	−·116	·845	71	− 5	63
Cocanada ...	26	29·610	−·084	29·477	99·6	+ 0·4	110	18	83·0	+ 1·2	73	10	88·1	93·7	81·0	82·3	·961	+·005	·934	73	− 1	62
Vizagapatam ...	126	29·484	−·095	29·378	93·1	+ 1·1	105	19	82·7	+ 1·9	73	13, 14	86·9	88·1	79·3	79·7	·887	−·004	·906	71	0	70
Calingapatam ...	19	29·587	−·086	29·477	93·7	− 1·0	101	19, 20	80·6	+ 0·1	73	14, 24	86·2	88·0	81·0	81·7	·938	+·034	1·002	80	+ 5	70
Hill Stations, excluding Kashmir and Baluchistan																						
Maymyo ...	3,546	26·294	−·029	26·215	78·4	− 3·8	87	6, 7	65·0	+ 0·7	60	1	70·7	73·1	67·9	68·8	·649	+·019	·661	87	+ 7	81
Haka ...	6,100	23·930		23·937	68·9		76	6	53·0		52	2, 3	62·6	65·0	59·0	61·3	·462		·499	82		83
Kanpetlet ...	6,322	23·801		23·756	70·2		81	7	53·6		55	1	64·7	64·3	60·5	61·7	·494		·529	81		88
Shillong ...	4,921	24·932	−·048	24·910	72·6	− 1·4	77	16	59·5	+ 0·7	54	3, 4, 12	67·2	67·5	62·7	64·3	·523	+·045	·560	78	+ 5	84
Cherrapunji ...	4,309	25·543	−·050	25·471	70·0	− 2·3	78	17	62·6	+ 2·2	54	4	67·3	68·2	64·2	65·6	·560	+·007	·609	83	− 3	80
Aijal ...	3,599	26·175		26·106	76·4		81	7, 8	64·2		56	1	70·2	69·9	66·5	67·3	·620		·631	83		85
Darjiling ...	7,432	22·841	−·046		61·9	− 0·7	67	16, 19, 28	53·0	+ 1·0	48	4 days	56·6		56·1		·443	+·033		98	+ 8	
Kalimpong ...	3,913	25·903	−·039	25·815	73·7	− 0·6	78	16, 27	63·2	+ 1·1	58	9	66·6	70·5	64·7	66·3	·593	+·030	·620	91	+ 7	82
Katmandu ...	4,338	25·501		25·423	83·7	− 1·6	89	1, 2, 3	62·9	+ 3·3	56	9	70·4	76·5	64·9	67·8	·552		·584	74		64
Muktesar ...	7,592	22·740	−·048	22·636	73·3	− 0·2	78	20	56·6	+ 1·7	47	9	61·7	68·1	54·8	58·6	·359	+·031	·399	65	+14	59
Mussooree ...	6,940	23·265	−·018	23·222	77·6	+ 0·3	84	23	61·2	+ 2·5	52	12	65·7	72·7	57·7	61·8	·398	+·089	·439	64	+15	57
Simla ...	7,224	23·018	−·029	22·976	76·3	+ 2·7	83	23	62·9	+ 5·5	58	4 days	69·3	73·2	55·3	57·2	·286	+·030	·297	43	+ 4	38
Murree ...	7,082	23·132	−·006	23·111	80·2	+ 7·4	87	22, 23	61·5	+ 6·2	51	14	72·5	78·0	53·9	57·6	·224	−·041	·267	29	−13	28
Cherat ...	4,272	25·516	−·064		94·0	+ 7·6	103	23	74·1	+ 7·4	62	15	79·3		63·2		·389	+·098		40	+ 3	
Parachinar ...	5,673	24·355	+·009	24·320	88·1	+ 8·5	100	20	62·5	+ 6·8	54	1	76·1	84·4	58·1	61·6	·293	−·012	·313	34	−12	28
Drosh ...	4,723	25·177			88·7	+ 6·5	97	22, 23	65·5	+ 6·3	57	3	70·5		56·4		·287	−·053		41	−13	
Mount Abu ...	3,945	25·873	−·066	25·813	87·0	− 1·0	95	9	71·5	+ 0·4	63	20, 22	77·8	85·3	64·8	70·5	·465	+·122	·582	50	+12	48
*Pachmarhi ...	3,528																					
Mahableshwar ...	4,534	25·402		25·346	81·2		90	7	63·1		59	15	69·4	75·8	63·0	67·8	·499		·590	73		68
Mercara ...	3,781	26·096	−·041	26·031	77·6	− 2·5	80	16, 17	65·4	+ 1·2	63	7, 29	69·1	75·2	66·5	69·5	·631	+·017	·643	88	+ 2	75
Ootacamund ...	7,364	23·015	−·017	22·956	71·1	+ 0·9	76	3	53·2	+ 0·8	49	20	64·1	64·7	56·0	58·7	·364	−·014	·436	62	− 4	72
Coonoor ...	5,730	24·373			77·5		83	9	59·0		54	19	71·6		60·6		·408			53		
Kodaikanal ...	7,688	22·750	−·016	22·699	68·8	+ 0·9	72	6, 23	56·1	+ 1·5	51	21	62·6	62·0	55·5	58·5	·366	+·014	·454	65	− 1	80
Ceylon																						
Colombo ...	24	29·764	−·033	29·689	87·1	− 1·0	89	5	79·4	+ 1·6	75	10, 29	82·2	85·5	78·0	79·4	·899	−·016	·907	82	− 3	75
Trincomalee ...	24	29·703	−·012	29·620	93·4	− 0·5	96	26, 28, 31	79·1	+ 0·7	71	31	82·6	90·2	76·8	78·6	·847	−·040	·832	76	− 5	59
Hambantota ...	61	29·683	−·053	29·597	87·5	+ 0·2	95	28, 31	78·8	+ 1·4	77	11, 21, 25	81·7	83·7	78·0	78·0	·907	+·021	·830	84	− 6	77
Nuwara Eliya ...	6,170	24·021		23·963	71·2		75	4, 7	53·9		45	4	62·1	67·8	58·7	62·6	·463		·520	84		79
Arabia																						
†Aden ...	98	29·727	+·036		92·8	− 0·1	99	28	81·8	+ 0·2	78	11	83·7		80·8		1·015	+·104		87	+10	

* Register not received. † Records observations at 7 hrs. (L. M. T.).

Departure from normal.	Mean 17 hrs. I. S. T.	Rainfall, inches. Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Number of rainy days (0·10" or more). Total in the month.	Departure from normal.	Wind velocity, miles per hour. Mean.	Departure from normal.	Wind direction—Number of winds from 8 hrs. L. M. T. N	NE	E	SE	S	SW	W	NW	Calm	17 hrs. I. S. T. N	NE	E	SE	S	SW	W	NW	Calm	STATION.
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																												Malabar
+0·6	5·8	15·59	+ 9·39	4·80	1	14	+ 7·4	6·5	+ 3·0	2	5	4	3	1	3	2	8	3	1	0	0	0	4	4	4	18	0	Mangalore
+1·6	6·7	7·81	− 0·72	1·71	26	11	+ 2·5	9·1	+ 2·0	12	9	5	1	0	0	1	3	0	0	1	1	0	0	3	16	10	0	Calicut
+1·6	7·4	6·75	− 4·92	1·58	26	14	+ 1·8	8·4	+ 3·3	3	6	5	3	1	0	1	8	4	0	0	0	0	0	2	13	16	0	Cochin
−0·2	6·7	2·69	− 5·76	0·70	1	7	− 2·9	5·6	+ 0·7	12	0	0	0	0	0	0	14	5	2	0	0	0	0	1	9	18	1	Trivandrum
																												Madras, Southeast
+1·2	3·4	0	− 0·83	0		0	− 1·6	17·4	+ 8·2	0	0	0	1	11	17	2	0	0	0	0	0	14	15	2	0	0	0	Pamban
+0·5	7·6	1·99	− 0·90	0·62	17	5	+ 0·3	5·4	+ 1·0	2	0	0	0	0	4	14	11	0	0	1	5	4	2	1	10	7	1	Madura
+0·6	5·1	1·54	− 0·07	1·04	27	2	+ 0·1	8·2	+ 2·1	0	0	0	0	0	14	17	0	0	0	0	0	4	17	10	0	0	0	Negapatam
+0·6	6·6	2·22	− 0·92	2·14	10	1	− 3·1	7·2	+ 2·8	0	0	0	0	0	1	25	5	0	2	1	1	1	1	4	12	9	0	Trichinopoly
+0·7	6·0	0·03	− 2·33	0·02	25	0	− 4·8	7·7	+ 4·1	1	0	0	1	12	12	1	0	4	0	0	0	0	11	15	5	0	0	Coimbatore
+0·1	6·7	1·70	− 3·02	0·54	8	4	− 3·7	5·8	+ 2·5	2	0	0	0	3	8	9	5	4	0	0	1	0	4	11	13	2	0	Salem
+0·4	5·3	0·17	− 0·56	0·13	17	1	− 0·2	7·8	+ 3·5	0	0	1	0	1	25	3	0	1	0	0	0	29	1	0	0	1	0	Cuddalore
−0·8	5·1	1·98	− 0·32	1·03	25	4	+ 0·1	5·0	+ 1·8	3	0	0	1	2	3	6	15	1	4	2	3	3	4	3	6	6	0	Vellore
+1·6	6·9	0·12	− 0·95	0·12	12	1	− 0·1	12·4	+ 2·6	0	0	0	0	8	8	13	2	0	0	0	2	11	15	2	0	1	0	Madras
																												Madras, Deccan
+1·1	5·7	0·95	− 0·62	0·55	27	3	+ 0·2	6·5		0	0	0	0	0	0	10	20	1	0	0	0	0	1	0	9	20	1	Cuddapah
+0·9	6·1	0·68	−1·28	0·30	18	2	− 1·4	8·9	+ 3·0	0	0	0	0	0	3	14	13	1	2	0	1	0	1	2	12	12	1	Bellary
+3·3	6·7	1·22	+ 0·16	0·69	26	3	+ 0·5	10·0	+ 3·2	0	0	0	0	0	5	16	10	0	2	3	1	0	1	3	10	11	0	Kurnool
	7·8	1·91		0·57	22	4		9·2		2	0	1	1	1	3	13	10	0	4	0	0	2	1	5	8	10	1	Rentichintala
																												Madras Coast, North
+0·5	5·9	0·75	− 0·08	0·75	31	1	− 0·2	7·0	+ 1·3	1	0	0	0	1	3	22	3	1	1	0	14	9	1	2	3	0	1	Nellore
+1·6	5·2	4·05	+ 2·71	1·56	31	5	+ 3·0	7·3	+ 1·4	1	1	2	2	5	5	10	4	1	1	0	0	8	14	3	3	2	0	Masulipatam
+0·8	5·4	2·04	+ 0·50	0·80	30	4	+ 1·3	6·9	+ 1·4	0	1	2	4	2	16	3	0	3	0	2	2	5	8	7	2	2	3	Cocanada
+2·0	8·7	1·24	− 0·75	0·96	13	2	− 1·6	5·9	+ 1·3	1	0	1	0	0	14	7	3	5	0	0	0	3	4	17	3	3	1	Vizagapatam
+2·9	6·5	5·02	+ 2·47	1·76	24	8	+ 4·8	8·4	+ 0·1	0	0	0	0	5	17	9	0	0	0	0	0	2	12	16	1	0	0	Calingapatam
																												Hill Stations, excluding Kashmir and Baluchistan
+2·3	6·7	19·91	+10·21	4·29	11	17	+ 5·2	2·2	+ 0·1	2	1	5	1	5	4	2	0	11	3	1	6	2	4	1	2	0	12	Maymyo
	8·5	14·13		2·17	14	20		6·1		0	5	4	1	6	4	1	0	10	0	3	9	3	2	4	3	0	7	Haka
	8·0	16·24		2·33	10	20		4·1		0	1	4	3	12	2	3	0	6	1	2	0	0	4	3	6	0	15	Kanpetlet
+2·0	8·8	13·05	+ 2·48	2·56	17	20	+ 2·7	2·0	− 1·4	1	2	5	1	1	1	2	0	18	3	0	1	0	1	4	1	0	21	Shillong
+1·3	8·4	36·50	− 9·76	7·44	31	25	+ 3·9	5·3	+ 0·6	0	14	0	6	1	3	0	1	6	0	9	0	4	1	6	1	0	10	Cherrapunji
	6·5	17·09		3·19	18	20		5·8		0	2	11	6	1	6	2	2	1	0	2	5	3	2	7	5	4	3	Aijal
+2·2		16·59	+ 6·50	2·30	12	25	+10·7	5·2	+ 0·3	0	6	15	3	1	1	2	1	2										Darjiling
+3·8	6·4	14·46	+10·01	4·82	23	18	+ 9·2	6·4		1	2	0	8	2	0	1	11	6	2	0	0	16	4	0	0	4	5	Kalimpong
	6·4	7·95	+ 3·82	1·96	28	13	+ 4·1	1·5		0	3	12	3	1	1	0	0	11	8	0	4	0	2	1	6	4	6	Katmandu
−0·2	4·7	0·57	− 1·97	0·20	2, 9	2	− 3·9	11·0	+ 5·3	0	1	1	0	1	12	15	0	1	0	0	1	0	0	14	16	0	0	Muktesar
+0·6	4·4	0·47		0·33	29	2		6·1		3	1	1	2	12	5	1	4	2	2	1	2	3	12	7	0	2	2	Mussooree
−0·8	3·7	0·91	− 1·96	0·60	13	3	− 2·3	3·1	− 1·1	3	8	2	6	4	2	0	1	5	3	1	1	3	5	9	4	5	0	Simla
−1·1	2·9	1·34	− 1·53	0·68	14	3	− 2·0	7·1		1	8	4	8	1	1	5	3	0	1	1	1	1	2	5	14	6	0	Murree
−0·4		0·43	− 1·13	0·23	14	2	− 0·7	8·2	+ 0·4	13	5	0	1	0	1	2	7	2										Cherat
−1·4	4·0	1·91	− 0·60	0·93	28	5	− 2·1	5·3	+ 2·7	5	0	2	0	1	2	5	2	14	3	4	5	9	3	2	1	4	0	Parachinar
−0·6		0·62	− 1·33	0·39	27	2	− 2·1	6·2	+ 3·2	0	3	6	4	1	0	2	0	15										Drosh
+0·3	0·8	0	− 1·06	0		0	− 1·6	8·0	+ 0·2	1	0	0	0	2	13	11	0	4	0	0	0	1	8	14	6	1	1	Mount Abu
																												*Pachmarhi
	4·9	1·95	+ 0·03	0·68	27, 28	4	+ 1·1	7·8		4	0	1	0	2	5	9	10	0	0	0	1	1	0	7	11	11	0	Mahableshwar
−0·3	5·7	0·79	− 4·86	0·22	29	4	− 4·7	7·6	+ 4·0	0	0	0	0	0	2	11	11	7	0	0	0	0	0	1	14	13	3	Mercara
−0·7	7·2	2·13	− 4·51	0·76	27	8	− 4·4	3·0	+ 0·5	6	8	0	0	2	2	3	4	6	5	7	0	0	1	1	4	3	10	Ootacamund
		1·41		0·60	24	4		3·3		4	1	1	10	2	3	0	2	8										Coonoor
−1·2	7·6	4·37	− 1·65	2·07	31	8	− 2·6	5·9	− 1·7	8	2	0	4	0	0	2	9	6	10	3	0	6	1	1	0	5	5	Kodaikanal
																												Ceylon
+0·1	7·3	3·52	− 8·06	1·04	10	11	− 2·3			0	0	1	3	1	18	5	1	2	0	0	0	0	0	21	9	0	1	Colombo
+1·4	5·8	1·02	− 1·44	0·97	31	1	− 2·4			0	0	0	0	0	16	15	0	0	0	0	1	2	0	13	15	0	0	Trincomalee
−1·0	4·5	0·05	− 3·54	0·05	9	0	− 6·2			0	0	0	0	0	1	29	1	0	0	0	0	0	0	13	18	0	0	Hambantota
	8·3	2·72	− 4·25	0·83	27	5																						Nuwara Eliya
																												Arabia
+0·4		0	− 0·15	0		0	− 0·3	7·8	− 0·2	12	5	3	2	4	1	0	0	4										†Aden

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Relative humidity %		
		Mean 4 hrs. G. M. T.	Departure from normal.	Mean 13 hrs. G. M. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 4 hrs. G. M. T.	Mean 13 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Mean 13 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Departure from normal.	Mean 13 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Departure from normal.	Mean 13 hrs. G. M. T.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Iran																						
Charbar ...	25	29·583		29·519	90·8		99	10					83·0	88·8	77·4	80·0	·851		·900	78		67
Jask ...	13	29·601		29·530	91·5	− 1·0	99	20	78·5	+ 0·3	75	4 days	83·1	88·8	76·1	79·1	·801		·860	72		65
Bandar Abbas ...	29	29·604[a]		29·504[a]	98·9[b]		105	8, 15, 27					88·4[a]	95·9[a]	77·8[a]	80·2[a]	·815[a]		·812[a]	61[a]		51
Bushire ...	14	29·664		29·630	86·5	− 2·4	93	2	76·2	+ 0·5	71	10, 13	79·8	83·7	72·8	77·4	·716		·838	70		74
Ispahan ...	5,817	24·39*		24·32*	82·6	+ 0·2	93	28	54·7	+ 0·3	45	7	64·9	80·8	52·2	55·8	·257		·187	42		18
Meshed ...	3,104	26·56*		26·48*	86·7	+ 6·8	94	21	54·7	− 0·1	46	30	68·9	82·7	58·0	63·6	·354		·374	51		34
Seistan ...		28·014		27·897	93·4	+ 5·0	107	20	69·1	+ 1·8	63	4	78·3	96·9	71·2	80·8	·669		·853	69		48
Arabia																						
Bahrein ...	8	29·681		29·656	89·5	− 0·7	97	1	77·2	− 0·8	71	12, 26	82·7	86·9	75·9	77·8	·801		·835	72		65
Muscat ...	15	29·600		29·542	96·5	+ 1·1	106	20, 22	82·0	− 3·7	79	11 days	90·7	91·3	76·2	78·5	·700		·813	53		56
Sharjah ...	18	29·632		29·581	92·2		108	6, 7	71·6[a]		65	2	81·6	88·4	71·0	76·9	·616		·770	58		58

* Aneroid. *a*—Mean of 30 days. *b*—Mean of 29 days.

TABLE IV—ABSTRACT OF OBSERVATIONS RECORDED AT 8 HRS. (L. M. T.) AT 4TH CLASS STATIONS—MAY 1938

STATION.	Maximum temperature °F.				Minimum temperature °F.				Mean dry bulb temperature 8 hrs. L. M. T. °F.	Mean wet bulb temperature 8 hrs. L. M. T. °F.	Vapour pressure, inches.		Relative Humidity %		Mean cloud amount 8 hrs. L. M. T.	Rainfall, inches.				Number of rainy days (0·10" or more).		Wind.	
	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.			Mean 8 hrs. L. M. T.	Departure from normal.	Mean 8 hrs. L. M. T.	Departure from normal.		Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Resultant direction 8 hrs. L. M. T.	Velocity in miles per hour.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Assam																							
Lumding ...	88·5	− 1·2	95	9, 16	73·2	+ 2·1	67	3	77·8	74·5	·819		84			7·80	+1·59	3·37	16	12	+ 1·2		
Bengal																							
Pabna ...			98		75·1	+ 0·5	69	4	81·2	77·3	·872	− ·034	83	+ 1		24·60	+17·52	8·47	29	17	+ 7·9		
Punjab, East and North																							
Gurdaspur ..									89·7	71·1	·508		37		0·6[f]	0·30		0·30	14	1		S 32 E	2·4
Kashmir																							
Jammu ...	104·8	+ 5·6	112	22	84·5	+ 7·0	76	14	91·0	68·5	·405	− ·028	28	− 8	0·4	0·31	−0·70	0·31	14	1	− 1·5	N 22 E	
Kargil ...	75·4	+ 4·4	82	21, 22	51·0	+ 8·3	42	1	59·1	48·5	·255	+ ·033	50	− 4	1·3	0·16	−0·71	0·16	27	1	− 1·3	N 22 E	
N.W. F. Province																							
Bannu ...	108·0		117	20	80·3		65	1	92·5	68·9	·392		27		1·3	0·30		0·30	14	1		N 75 W	
Wana ...	94·7		100	10	63·9		55	2	82·2	60·0	·262		25		0·3	0·57		0·57	26	1		S 43 W	
Hyderabad, North																							
Bidar ...	98·7	− 1·8	106	7	77·2	0	70	18	83·2	74·6	·752	+ ·127	66	+14	4·8	1·65	+0·74	0·54	18	4	+ 1·7	N 77 W	10·1
Mysore																							
Nandi ...	83·1		88	7, 8	63·5		58	10	67·9	66·4	·632		92		1·9[d]	3·18		2·05	27	3			
Tibet																							
Yatung (Chumbi) ...	62·7	+ 2·9	67	23, 24, 26	41·9	− 0·8	33	2	51·2	49·4	·329	+ ·015	89	+ 2	5·9	3·71	−0·70	0·82	30	10	− 1·6		
Iran																							
Zahidan ...	94·0		102	23	63·0		57	14, 15	81·7	74·7	·784		73		0	0		0		0		N 27 W	8·1

d—Mean of 27 days. *f*—Mean of 25 days.

amount of sky).		Rainfall, inches.				Number of rainy days (0·10 or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																	STATION.
										4 hrs. G. M. T.									12 hrs. G. M. T.								
from normal.	Mean 12 hrs. G. M. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																												Iran
	0·2	0		0		0		4·7		0	2	3	4	1	0	0	5	16	0	6	0	4	6	8	2	0	0	Charbar
	1·5	0	− 0·01	0		0	0	10·9	+ 2·8	1	2	8	1	0	2	9	8	0	0	0	0	4	1	13	13	0	0	Jask
	1·2[b]	0		0		0		7·7[b]		2	8	2	4	3	0	0	2	9	0	0	0	3	11	15	1	0	0	Bandar Abbas
	1·8	0	− 0·02	0		0	0	11·9	+ 5·0	8	5	0	2	0	0	2	10	4	2	1	0	0	0	3	13	12	0	Bushire
	3·2	0·54	+ 0·34	0·22	9	3	+ 2·3	2·8	+ 0·2	0	0	0	1	0	1	0	1	23	3	2	0	0	1	11	3	1	10	Ispahan
	4·0	0·57	− 0·66	0·36	13	2	− 1·3	2·5	+ 1·2	1	0	1	1	0	0	0	1	27	0	0	17	6	0	0	0	0	8	Meshed
	0·3	0	− 0·03	0		0	− 0·2	7·6	− 2·0	1	0	0	0	0	0	0	23	7	1	0	0	0	0	0	0	14	16	Seistan
																												Arabia
	2·3	0	− 0·07	0		0	− 0·2	3·6		5	1	2	0	0	1	7	15	0	14	2	2	0	0	0	0	13	0	Bahrein
	1·1	0	− 0·01	0		0	0	5·0	+ 1·6	0	0	1	1	0	0	1	13	15	1	9	1	0	0	0	0	13	7	Muscat
	1·7	0		0		0		7·2		0	1	1	7	16	3	0	0	3	2	1	0	0	0	2	18	8	0	Sharjah

a—Mean of 30 days. *b*—Mean of 29 days. *c*—Mean of 26 days.

TABLE V—ABSTRACT OF OBSERVATIONS RECORDED AT 8 HRS. (L. M. T.) AT 5TH CLASS STATIONS—MAY 1938

ISION.	STATION.	Rainfall, inches.				Number of rainy days (0·10 or more).		DIVISION.	STATION.	Rainfall, inches.				Number of rainy days (0·10 or more).	
		Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.			Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.
1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8
...	Bankura ...	5·00	+0·16	1·87	29	6	−0·1	Baluchistan ...	Harnai ...	0	−0·51	0		0	−1·0
	Rampur Boalia ...	11·88	+6·31	4·88	28	11	+3·6								
	Sirajganj ...	17·28	+9·40	3·76	31	15	+4·8	Rajputana, East...	Udaipur ...	0·27	−0·87	0·27	31	1	−1·2
	Rangpur ...	19·98	+9·05	8·53	30	11	−0·7	Bombay Deccan ...	Khandala ...	1·65		0·92	31	3	
	Cooch Behar ...	25·61	+9·81	10·70	31	13	−1·3								
								Hyderabad, North.	Parbhani ...	1·93	+1·20	0·57	30	7	+5·9
...	Muzaffarpur ...	2·88	+0·51	1·25	9	5	+1·4								
	Chapra ...	1·18	−0·42	0·79	7	2	0	Madras Southeast.	Palamcottah ...	0·04	−1·53	0·04	1	0	−2·7
	Arrah ...	1·67	+0·22	1·12	10	3	+0·8	Madras Deccan ...	Anantapur ...	1·90	−0·22	1·15	26	5	+1·5
	Dehri ...	0·10	−0·73	0·10	10	1	−0·5								
								Sikkim ...	*Gnatong ...	15·23		2·03	25	17	
Provinces	Meerut ...	0	−0·65	0		0	−1·6		Lachung ...	4·08	−1·92	0·53	11	16	0
								Addenda for April							
East and	Dharampore ...	1·73		0·90	15	4									
	Kyelang ...	0·12	−2·18	0·12	27	1	−4·4	Sikkim ...	Lachung ...	2·52	−3·90	0·53	9	9	−5·8
	Dalhousie ...	0·48	−2·29	0·27	27	2	−2·4								
r ...	Sonamarg ...	2·13	−3·58	0·50	14, 29	7	−1·9								
	Gurez ...	1·77		0·62	14	8									

* Data for 30 days.

P. P.—S 1356—325—16-8-38.

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MONTHLY FREQUENCY TABLES

of

Horizontal Visibility, Height of Base of Low Cloud and Surface and Upper Winds at Pilot Balloon Stations

May 1938

Supplement to the Monthly Weather Report, May 1938

Published by authority of the Government of India

Tables of Wind Frequency:—Data for table 1 are obtained from pilot balloon ascents at dawn, except for stations marked (a_1) and (a_2), where ascents are made at 0900 hrs. (I. S. T.) and 0900 hrs. (L. T.) respectively. Table 4 is based on ascents generally at 1400 hrs. (I. S. T.); at stations marked (b_1), (b_2) and (c), ascents are made at 1500 hrs. (I. S. T.), 1500 hrs. (L. T.) and 1600 hrs. (I. S. T.) respectively. Table 7 gives data from p. b. ascents at 0330 hrs. (I. S. T.) for stations marked (d_1), and at 0330 hrs. (L. T.) for those marked (d_2). Indian Standard Time = Greenwich Mean Time + 5 hours 30 minutes. Occasionally, due to weather conditions, results of an ascent made 2 to 4 hours after the routine hours are used.

The symbols used in the tables of wind frequency have the following meaning:— ϕ = Latitude of the station; λ = Longitude of the station; H_s = Height of the anemometer head (i.e. to which the values of the surface wind relate) above mean sea level; C = the number of observations when the speed of wind is 5 km./hr. or less and n = number of observations.

Tables of Frequency of Heights of base of Low cloud:—Tables 2, 5, 8 and 11 are based on observations made at the routine hours of pilot balloon flights or within half an hour of the same. Heights which are either measured or estimated are given.

In the first row of these tables, for amounts of low cloud 1-10, the number under code figure 9 gives occasions when there was no low cloud, and in the second row, for amount of low cloud = 9 or 10, the number under this code figure gives all occasions when the total amount of cloud (whether low, medium or high) was 9 or 10.

Tables of Frequency of Horizontal Visibility:—Data for table 3 are obtained from observations during 0700-0900 hrs. (Local time), for table 6 from observations during 1400-1600 hrs. (Local time), and for table 9 from observations at about 0330 hrs I. S. T. or Local time.

The Code figures used in the tables Nos. 2, 3, 5, 6, 8, 9 and 11 have the following meaning:—

Code figure ...	0	1	2	3	4	5	6	7	8	9
Cloud height ...	Less than 50 m.	50 to 99 m.	100 to 199 m.	200 to 299 m.	300 to 599 m.	600 to 999 m.	1000 to 1499 m.	1500 to 1999 m.	2000 to 2500 m.	No Low cloud Total amount of cloud = 9 or 10
Visibility ...	Less than 50 m.	50 to 200 m.	200 to 500 m.	500 to 1000 m.	1000 to 2000 m.	2000 to 4000 m.	4000 to 10000 m.	10000 to 20000 m.	20000 to 50000 m.	Greater than 50000 m.

POONA:
The 30th December 1938.

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

[Price 6 annas.]

STATION.	Speed limits (km./hr.).	Surface.										0·5 km. above Surface.										1·0 km. a. s. l.										2·0 km. a. s. l.								
		n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW
Agra ...	6–25	31			7	5		5	9	3	2	31	1				5	2			1	31	1			2	1	3	1	3	1	30	1	1				5	5	7
ϕ =27° 08′ N ...	26–50															6		1	3	5					1	3	1	2		5			1					3	5
λ =78° 01′ E ...	51–75														1	1			3	2						1		3	3										2
H_s=181 metres ...	>75																																							
Ahmedabad ...	6–25	31					3	9	5		14	31						2	4	1		31	1					3	4	1		31		1		1	2	1	5	4
ϕ =23° 02′ N ...	26–50																	9	11	4								2	17	3							3	5	8	1
λ =72° 35′ E ...	51–75																																							
H_s=55 metres ...	>75																																							
Allahabad (a_1) ...	6–25	31	1	1	12	5		1	3		8	31		1	3	11	2	2	4	1		31	2		3	4	2	2	3	1	3	28	2		1		1		5	4
ϕ =25° 26′ N ...	26–50													1	2			1	3								1	2	1	7			1					3	11
λ =81° 50′ E ...	51–75																																							
H_s=111 metres ...	>75																																							
Bahrein(a_2) ...	6–25	31	2	1	1	1		1	2	21		31	4						1	5		31	4		1	1		2	2	4		30	4	2	1				1	1
ϕ =26° 14′ N ...	26–50		1						1				4	1	1	1		1		3			7						3			4	1				2	1	2
λ =50° 35′ E ...	51–75												8							1			2						5			3				1			4
H_s=14 metres ...	>75												1																											1
Bangalore ...	6–25	31						8	19	4		31							3	4		30						2	19	2		30	4	4				1	4	3
ϕ =12° 58′ N ...	26–50																	1	8	13								2	5			3					2	1	4
λ =77° 36′ E ...	51–75																	2														1					1		
H_s=936 metres ...	>75																																							
Bhuj ...	6–25	28					1	21	5		1	28							1			28					1	3	3	1		26		1	1	2	1	4	3	
ϕ =23° 15′ N ...	26–50																1	9	7	1								6	6						1	1	1	7	1
λ =69° 48′ E ...	51–75																	1	4	2								2	4	1								2	
H_s=113 metres ...	>75																		1	1									1										
Bombay (Juhu) (a_1) ...	6–25	31				4	1	14	5	5	2	31	1	1		2	4	11	5	2	3	27			1		2	4	10	3	2	19	1		1	2	2	4	3	3
ϕ =19° 17′ N ...	26–50												1				1						1			1	1			2					1				2
λ =72° 50′ E ...	51–75																																							
H_s=5 metres ...	>75																																							
*Calcutta(DumDum)(a^1) ...	6–25	31	1	5	2	8	4	7		2	2	30	1	4	2	3	4	4				28	2	2	2	1	5	5				21	1	1	1		1	1	4	3
ϕ =22° 38′ N ...	26–50												1		1		6	3							1	1	1	5	1					1	2		2	3	
λ =88° 27′ E ...	51–75																	1					1					1											
H_s= ...	>75																																							
Chittagong ...	6–25	31		3		9					19	31			1	7	3	1	1			27				3	4	5	1	2		27	2			3	3	3	2	2
ϕ =22° 21′ N ...	26–50															5	7									3	6	1							2	2	3	3	1
λ =91° 50′ E ...	51–75																3										2												
H_s=21 metres ...	>75																3																						
Dacca ...	6–25	31		2	2	8				1	18	28	1		2	4	4	4		1		25	1	1	2	4	2	3				21	1		4	2	1	5		1
ϕ =23° 43′ N ...	26–50															2	3			1					1	2	3	2	1						1		1	3	
λ =90° 24′ E ...	51–75														1		4								1	1	1	1											
H_s=21 metres ...	>75																1																		1				
Fort Sandeman ...	6–25	31		1	2	1		4	1		22	31	9	1			5	6	4	4	2											31	9	1			5	5	5	4
ϕ =31° 21′ N ...	26–50																																							
λ =69° 27′ E ...	51–75																																							
H_s=1419 metres ...	>75																																							
Gaya (a_1) ...	6–25	31	1	10	8	6	1	1			4	30	1	3	8	7	2	1	1			30	1	1	6	3	4	1	3		3	28	1	3	1	1	1	1	4	2
ϕ =24° 49′ N ...	26–50													1	3	3								2	1	3			1	1			2					8	3
λ =85° 01′ E ...	51–75																																							
H_s=117 metres ...	>75																																							
Gwador(a_2) ...	6–25	31			2	4	1	5	11		6	31	2	3	3	4	3	1	4	1	1	26		7	1	1	1	1	3	2		23	5	1	1					7
ϕ =25° 08′ N ...	26–50							2						1					5	1			1	2					2	5			1	2	1			1	2
λ =62° 19′ E ...	51–75																		2																			2	
H_s=10 metres ...	>75																																							
Hyderabad (Dn.) ...	6–25	30						5	10	13	2	30	1					1		1		30	1					1		1		30	2	1	3		2	3	3	9
ϕ =17° 26′ N ...	26–50												2					3	5	11			1					3	5	11			3						4
λ =78° 27′ E ...	51–75												2							4			3							4									
H_s=555 metres ...	>75																																							
Jacobabad (a_1) ...	6 25																																							
ϕ =28° 17′ N ...	26–50																																							
λ =68° 29′ E ...	51 75																																							
H_s=66 metres ...	>75																																							
Jodhpur (a_1) ...	6–25	31						19	1	1		31						2	3	1	1	31	1	1				3	2			30	3			1	3	2	1	5
ϕ =26° 18′ N ...	26 50							9	1									15	9									13	7							4	5	3	2
λ =73° 01′ E ...	51 75																											2	2									1	
H_s=232 metres ...	>75																																							
Jubbulpore ...	6–25	31					1	2	14	1	13	31			2	1		2	2	1		31		1	1	1		3	2	1		30	3					1	6	7
ϕ =23° 10′ N ...	26 50																	1	8	9									6	8			1					1	6
λ =79° 57′ E ...	51–75																		4	1									5	3								1	3
H_s=402 metres ...	>75																																							1
Karachi(DrighRoad)(a_1) ...	6–25	30						10	5	1	3	30	1				1		7	1		21	2				2	1	2	1	1	15	3		1		1		1	1
ϕ =24° 54′ N ...	26–50							3	7	1								1	13	4			1						4	4			1			2			2
λ =67° 11′ E ...	51 75																		2										3				1						2
H_s=30 metres ...	>75																																							

* Pilot Balloon work shifted from Alipore to DumDum from 1-5-1938.

3·0 km. a. s. l.									Amounts of low cloud.	No. of observations with Code figures.										No. of observations with Code figures.										STATION.
N	NE	E	SE	S	SW	W	NW	C		0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
1						5	8		1 — 10								1	3	27					1	2	26	2			Agra
3						3	7																							
							2		9 or 10										1											
3	1	4	1	1	3	2	3	1	1 — 10					3	2	1			25							8	23			Ahmedabad
	2		1		6	2																								
									9 or 10										1											
2							1		1 — 10								1		30						1	8	22			Allahabad (a_1)
3						2	8																							
							1		9 or 10										2											
6		1				1	2		1 — 10										31						1	6	24			Bahrein (a_2)
					3	2	1																							
1					1				9 or 10										1											
1																														
3	8			1	5	1	4	1	1 — 10		1		3	7	2	3	2		13							3	12	10	6	Bangalore
1	2				1	1																								
									9 or 10		1		1	2		1			14											
1	4	3	1	1	1	4	1	1	1 — 10					2	6	1			22						2	14	15			Bhuj
	1	2				5	1																							
									9 or 10										5											
1		1		5	1		4		1 — 10					5	17	4			5							5	22	4		Bombay (Juhu) (a_1)
		1	2																											
									9 or 10										3											
1	1	1					1		1 — 10					5	9	17									1	6	23	1			Calcutta (DumDum)(a_1)
							1																							
									9 or 10					1	1	1			11											
2		1	2			2	1	1	1 — 10				1	4	5	9	1	1	10							4	12	15			Chittagong
		1		1		2	5																							
									9 or 10				1		3	1			20											
1		4	1	2	2		2		1 — 10			1	5	5	1	3	3		13						1	2	28				Dacca
						3	2																							
						1			9 or 10			1	2	1		1	1		13											
	1	2	2	1	1	2	12		1 — 10									2	29							8	10	13			Fort Sandeman
4					1	2	3																							
									9 or 10										1											
1	3			1	1		2		1 — 10						5	1	1	2	21							9	22			Gaya (a_1)
1					2	3	6																							
						1	2		9 or 10						1				4											
3	3						3	1	1 — 10					5	6				20						1	6	24				Gwador (a_2)
	2																													
									9 or 10										1											
	3	6	3	2	1	2	3	3	1 — 10								2	5	24							7	11	5	8	Hyderabad (Dn.)
1	2					1	1																							
1							1		9 or 10										9											
									1 — 10																	3	11	17			Jacobabad (a_1)
									9 or 10																					
1			2		1	1	1	1	1 — 10						4		1		26							7	23	1			Jodhpur (a_1)
1			1	5			4																							
							1		9 or 10																					
6						2	5		1 — 10									10	21								9	22			Jubbulpore
1					1	1	6																							
									9 or 10									1	4											
1	1	1	1		1			1	1 — 10					2	15				14							4	26		1		Karachi(Drigh Road)(a_1)
2	3																													
									9 or 10					1	7				8											

STATION.	Speed limits (km./hr.).	Surface.										0·5 km. above Surface.										1·0 km. a. s. l.										2·0 km. a. s. l.							
		n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W
Lahore ...	6-25	31		1		3	1				26	31	1	3	1	1	1		2	4	1	31	4	1	2	1	2		2	5		30	2	3				1	5
ϕ =31° 35′ N ...	26-50												1	1		1	2		5	3				1		1			6	4			2					1
λ =74° 20′ E ...	51-75															1			3							2												
H_s=221 metres ...	>75																																						
*Madho Sagar (Gwalior).	6-25	24		1	3	4		5	7		1	24				1	2	3		1		24	1			2	1	1	2	2		24	4	1					3
ϕ =26° 13′ N ...	26-50							1	1	1						4		1	2	4						2		1	5	5			1					
λ =78° 08′ E ...	51-75																		5	1									1	1								
H_s= ...	>75																																						
Madras ...	6-25	31					5	9	3		14	31										31						7			31	6	3			2	5	7
ϕ =13° 04′ N ...	26-50												1					7	14	1								2	13	7								2
λ =80° 15′ E ...	51-75																		6	1									1	1							
H_s=13 metres ...	>75																		1																		
Malegaon ...	6-25	29		1					12	12	4	29		1					4	3		29		1					5	4		29	4	1		4		4	3
ϕ =20° 33′ N ...	26-50																		10	11									9	9								1
λ =74° 32′ E ...	51-75																													1								
H_s=437 metres ...	>75																																						
Mangalore ...	6-25	28			6	1				8	13	28	2					1		7	11	1	28					1		10	9	1	27	6	1				4	5
ϕ =12° 52′ N ...	26-50																	1	1	1	3			1				3	1	2			1					2	2
λ =74° 51′ E ...	51-75																																						
H_s=40 metres ...	>75																																						
New Delhi (a_1) ...	6-25	31		1	3	9		1	2	2	3	29					6	2	1	1		28	1	1			2	3	3		1	24	4		1			2	4
ϕ =28° 39′ N ...	26-50								3	6				1		5	1		5	7						5	1		2	6			1					
λ =77° 15′ E ...	51-75								1																				1	2								2
H_s=227 metres ...	>75																																						
Peshawar ...	6-25	31					1	1	1	4	23	31	7	5		1		1	3	4	1	31	8	3	1			1	3	6	1	31	1	1	1			3	2
ϕ =34° 01′ N ...	26-50									1			1							6										6			3						2
λ =71° 35′ E ...	51-75																			1										1								
H_s=863 metres ...	>75																			1										1								
Poona ...	6-25	31						10	9	1	11	31			1	1			7	1	1	31			1	1			10		1	31	3			3	5	3	5
ϕ =18° 32′ N ...	26-50																	1	12	7								1	13	4						1		1
λ =73° 51′ E ...	51-75					•																																	
H_s=589 metres ...	>75																																						
Port Blair ...	6-25	31				1		13	4	2	9	28				1	3	2	6	1		25				1	4	3	3			19	3			2	3	3	2
ϕ =11° 40′ N ...	26-50							2										11	1									7	3	1							3	1
λ =92° 43′ E ...	51-75																	3										2	1									
H_s=87 metres ...	>75																																						
†Raj Samand (Kankroli)	6-25	9				1		1	4	2	1	9					1	1	4	2		9					1	1	4	2		9				2	1	
ϕ =25° 03′ N ...	26-50																		1										1							2	1	
λ =73° 53′ E ...	51-75																																						
H_s=587 metres ...	>75																																						
Sambalpur ...	6-25	31		1	3	1		2			24	31	1			3	3	2	8			31		1	1	1	1	6	5	2		31			1		2	1	7
ϕ =21° 28′ N ...	26-50															2	2	5	3	2							2	3	6	3			2				1	4
λ =83° 58′ E ...	51 75																																						
H_s=153 metres ...	>75																																						
Sharjah (a_2) ...	6-25	31	1			1	4	22	1			31	2	1		1	1	6	5	9	1	30	4	1		1	1	4	4	7	1	29	2	1	2	1		2	5
ϕ =25° 20′ N ...	26-50					1		1									2		1	2							1		1	4			1			1	1	5	3
λ =55° 24′ E ...	51-75																													1								
H_s=13 metres ...	>75																																						
Tezpur ...	6-25	31		4	3						24	31		2	14	2	2		1	1	2	31		1	13	1	2		1		3	29		2	10	3	4	1	1
ϕ =26° 37′ N ...	26-50														7										8		1	2					1	2			1	
λ =92° 47′ E ...	51-75																																						
H_s=76 metres ...	>75																																						
Trichinopoly ...	6-25	31						2	26	3		31							1			31							1	1		31	5		1		3	4	5
ϕ =10° 49′ N ...	26-50																		4										19	4							2	1
λ =78° 42′ E ...	51-75																		25										5									
H_s=88 metres ...	>75																		1										1									
Trivandrum ...	6-25	30	13	2						14	1	30							5	7		28							3	3		21	1		1				2
ϕ = 8° 31′ N ...	26-50																		1	16									4	18			1.					2
λ =77° 00′ E ...	51-75																			1																		1
H_s=73 metres ...	>75																																						1
Vizagapatam ...	6-25	31	1				2	11	2	1	14	29		1	1			9	4	1	1	29	3	1			1	5	2	5		26	1			1		1	7
ϕ =17° 42′ N ...	26-50																	3	4									5	4	1			2					5
λ =83° 18′ E ...	51-75																	4		1								1	1									
H_s=56 metres ...	>75																																						

* Station started on 7-5-38.

† Station started on 22-5-38.

3·0 km. a. s. l.										Amounts of low cloud.	No. of observations with Code figures.										No. of observations with Code figures.										STATION.
n	N	NE	E	SE	S	SW	W	NW	C		0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
26	1			1		2	3	7	1	1 — 10										31					1	8	15	7			Lahore
	3							7																							
	1									9 or 10										1											
19	1	2				2	2	3		1 — 10							4	1	4	15						2	5	17			Madho Sagar (Gwalior)
	3							5																							
								2		9 or 10										2											
30	4	8	2	1	1	2	2	4	1	1 — 10								1		30								3	28		Madras
	1	3						1																							
										9 or 10										14											
28	4		3		1	4	3	3	2	1 — 10						1		2	6	22							7	11	13		Malegaon
				2	1	5																									
										9 or 10										6											
18	2	4	1	4			3	1		1 — 10					2	7	6	7	2	7					1	2	8	20			Mangalore
			2				1																								
										9 or 10					1	2	1	1		15											
19	3						2	5		1 — 10									1	30					1	4	16	10			New Delhi (a_1)
								6																							
								3		9 or 10																					
31	3		1			5	5	5		1 — 10								1	2	28						1	3	2	10	15	Peshawar
	4					2	5	1																							
								1		9 or 10										1											
								1																							
31	1	1		7	5	5	3	2	2	1 — 10							1	1	3	26								31		Poona
				3			2																								
										9 or 10										4											
6		1	1		1			1	1	1 — 10					26	3			1	1					1	8	12	8	2		
	1																														
										9 or 10					5				1	30											
8	1	2								1 — 10						1				8								10			Raj-Samand (Kankroli)
				1	3	1																									
										9 or 10						1				1											
29							1	2		1 — 10								2	1	28							7	21	3		
	5						2	17																							
	2									9 or 10										6											
21		1	3	1	1	3	1	1		1 — 10					2					29						2	2	19	8		Sharjah (a_2)
				1	3	3		2																							
						1				9 or 10										1											
14		3	3	1	1	2			3	1 — 10					1		4	6	12	8				1		1	8	18	2	1	Tezpur
							1																								
										9 or 10							2		3	22											
26	4	5	4		2	2	2	2	1	1 — 10								3		28								7	16	8	Trichinopoly
		3				1																									
										9 or 10										4											
16	2	6			1		2	1	2	1 — 10						22	4			5					1	4	20	6			Trivandrum
		1					1																								
										9 or 10						1				12											
21	3	1					5	2	3	1 — 10					6	3	2	2	2	16						3	22	6			Vizagapatam
	2							1																							
								4		9 or 10							1			17											

STATION.	Speed limits (km./hr.)	Surface. n	N	NE	E	SE	S	SW	W	NW	C	0·5 km. above Surface. n	N	NE	E	SE	S	SW	W	NW	C	1·0 km. a. s. l. n	N	NE	E	SE	S	SW	W	NW	C	2·0 km. a. s. l. n	N	NE	E	SE	S	SW	W
Agra ...	6-25	31	4	1	4	2		2	6	8	4	31	3		1	4			7	8	3	31	2	2	2	3			4	11	2	30	2				3		5
	26-50																		2	3										2	3			2					1
	51-75																																						
	>75																																						
Ahmedabad ...	6-25	31					1	20	7	1	1	31				1	1	13	5	1		31			1		1	9	7	1		31	1		1	1	1	5	7
	26-50							1										6	3									10	2								4	8
	51-75																		1																				
	>75																																						1
Allahabad (b_1) ...	6-25	31	1	9	4				4	4	9	31	7	6	4				1	5	1	31	7	4	6				1	7		29	3	2					4
	26-50												1		2				1	2			1						1	3			1						4
	51-75													1											1														
	>75																																						
Bahrein (b_2) ...	6-25	31	11	2	1					12	1	30	4			1			1	1		31	2		1	2			3	3		30	4	2	1			1	1
	26-50		1							3			6	1	1				1	5			4	1					7	6			2	1		2	2	1	1
	51-75												3							3			3							4			2						
	>75												2							1										1										
Bangalore ...	6-25																																						
	26-50																																						
	51-75																																						
	>75																																						
Bhuj ...	6-25																																						
	26-50																																						
	51-75																																						
	>75																																						
Bombay (Juhu) (b_1) ...	6-25	31						12	12	5		31						1	3	14	6	29		1				2	5	3	5	24	2			1	4	5	2
	26-50							2					1					2	3				1					2	3	2	5					2	1		1
	51-75												1																										
	>75																																						
*Calcutta (Dum Dum) (b_1)	6-25	31	1	4	2	8	5	6	1	1	3	30	1	4	5	1	9	1				28	1	2	3	2	6	6		1		22	2		1	1			5
	26-50														1		6			1			1		2		1	1					1	2	1	1			1
	51-75												1										1						1										
	>75																																						
Chittagong ...	6-25	31			1	9	3	13	1	1	3	31				1	5	8	1		1	30					6	7	1	1		25		1		4	1	6	2
	26-50															2	7	2								1	6	2								4		4	
	51-75															1	1									2	3	1								1	1		
	>75															1	1																						
Dacca ...	6-25	31		3	2	12	3				11	28	1	1	4	11	4	1			1	18	2	1		5	2	3			2	13			1	1		3	2
	26-50														1		2	1								1	1	1								1	1		2
	51-75															1																							
	>75																																						
Fort Sandeman ...	6-25	31				1	1	3	6	4	16	31	1			3	5	7	3	4	4											31	1		1	3	5	6	4
	26-50																	3	1																		2	1	
	51-75																																						
	>75																																						
Gaya (b_1) ...	6-25	31	4	14	4	1		1		1	2	31	5	10	5	2				1	2	30	4	10	5		1		3			28	4	1	3		2		5
	26-50			3	1									2	4									3	4									1	1				3
	51-75																																						
	>75																																						
Gwador (b_2) ...	6-25	31				1	10	12	1		1	31			2	1	7	3	5		4	29	5	3	5			2	4	4		22	6	7				1	1
	26-50							5	1									1	3									1	4				1					1	1
	51-75																		5										1									1	
	>75																																						
†Hyderabad (Dn.) ...	6-25	12	3	1				1	3	3	1	12	3					1		4	3	12	3				1		4	2		12	2			1		2	2
	26-50																				1									2									
	51-75																																						
	>75																																						
Jacobabad (c) ...	6-25	31			1	5	1	1		4	19	31	1		2	8	5	3	1	3	4	31	2		2	7	4	4	3	3	2	30	2	1	7	1	4	6	2
	26-50															1				3						1				3							1		
	51-75																																						
	>75																																						
Jodhpur (b_1) ...	6-25	31						15	2		2	31						5	3	1	1	31						8	2	1	25	1				1	6	5
	26-50							9	3									15	5									11	7							1	4	4
	51-75																		1																			
	>75																																						
Jubbulpore ...	6-25	31	1	2				1	8	13	6	31	3						9	11		31	2						8	13		29	6					8	
	26-50																		4	4										5	3							2	
	51-75																																						
	>75																																						
Karachi(DrighRoad) (b_1)	6-25	31						3		1		31	1				3	3	1			29			1	1	1	1	7	2		20	4	3	1	2	1	1	1
	26-50							20	1				1					6	11				2			1			6	3								
	51-75																		5											4								
	>75																																						

* Pilot Balloon work shifted from Alipore to Dum Dum from 1-5-38.

† Afternoon observations started regularly from 20th May 1938.

TABLE 5—FREQUENCY OF LOW CLOUD HEIGHTS (AFTERNOON)

TABLE 6—FREQUENCY OF VISIBILITY (15 HRS.)

3-0 km. a. s. l.										Amounts of low cloud.	No. of observations with Code figures.										No. of observations with Code figures.										STATION.
n	N	NE	E	SE	S	SW	W	NW	C		0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
26	2						6	3		1 — 10							1	3	3	24					4	2	25				Agra
							6	9		9 or 10																					
26	2	1	3	2	1	3	1		1	1 — 10								2	6	23						1	5	25			Ahmedabad
			1	1	1	5	4			9 or 10																					
25	2							1		1 — 10								8	3	20						2	8	21			Allahabad (b_1)
	2						2	12		9 or 10										1											
14	2	2				1		2		1 — 10										31							2	20	9		Bahrein (b_2)
					1	1		3		9 or 10										2											
										1 — 10																	1	15	11	4	Bangalore
										9 or 10																					
										1 — 10																2	12	17			Bhuj
										9 or 10																					
19	1	1		1	2	4	1	1	1	1 — 10					2	11	6			12							1	23	7		Bombay (Juhu) (b_1)
		1		2	2		1	1		9 or 10										2											
12	2	1	1				1	1		1 — 10					2	7	11	7	2	2						2	23	6			Calcutta (Dum Dum) (b_1)
	1						2	3		9 or 10					1	2	3			14											
19	1	2		2	2	3	2		1	1 — 10				1	5	6	11	4	2	2						2	3	28	3		Chittagong
				1	1	1	2	1		9 or 10						2		1		25											
8			2				1			1 — 10		1	1	3	3	10	4	7		2						3	28				Dacca
						1	1	2		9 or 10		1	1							14											
30	4	1			5	7	4	3	2	1 — 10							1	7	6	17						3	8	11	9		Fort Sandeman
						2	1	1		9 or 10																					
18	2					1	2	2	1	1 — 10						6	2	6	6	11						1	11	19			Gaya (b_1)
						1	3	3		9 or 10										6											
16	5	1	1				1	2		1 — 10						5				26					2	6	20	3			Gwador (b_2)
	1	5								9 or 10																					
11			2	2	3		1	2	1	1 — 10							1		9	2								1	27	3	Hyderabad (Dn.)
										9 or 10										3											
21	5	1	1		2	3	1	2	3	1 — 10									3	28						4	9	18			Jacobabad (c)
	1						1	1		9 or 10										1											
23	1				4	2	2	4	1	1 — 10								1	10	20						2	8	13	3		Jodhpur (b_1)
	1				6	1		1		9 or 10																					
25	4	1					5	8		1 — 10								1	23	7							6	24	1		Jubbulpore
	1						2	4		9 or 10									2	2											
13	2	2	2	1	1	1		1	1	1 — 10						12	3		1	15					1	6	20	2	2		Karachi(DrighRoad)(b_1)
			1	1						9 or 10						2	1			3											

STATION.	Speed limits (km./hr.).	Surface.										0·5 km. above Surface.									
		n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C
Lahore ...	6-25	31			1	3		5	2	7	13	31	3		1	7		3	6	5	4
	26-50					1										1			1		
	51-75																				
	>75																				
*Madho Sagar (Gwalior).	6-25	25		5	1				8	10	1	25	4	2	1	1	1		4	7	
	26-50																		4	1	
	51-75																				
	>75																				
Madras ...	6-25	31			1	27		2			1	31	2	2		3	6	7	4	3	3
	26-50													1							
	51-75																				
	>75																				
Malegaon ...	6-25																				
	26-50																				
	51-75																				
	>75																				
Mangalore ...	6-25																				
	26-50																				
	51-75																				
	>75																				
New Delhi (b_1) ...	6-25	31	1	1		7			4	8	5	29	4		2	5			4	5	2
	26-50								1	4						1			3	3	
	51-75																				
	>75																				
Peshawar ...	6-25	31	1	11	2	2				5	10	31	9	7	4		1			2	4
	26-50																			2	
	51-75																			2	
	>75																				
Poona ...	6-25	31		1		1		6	6	7	2	31				2		2	11	3	1
	26-50							3	3	2									11	1	
	51-75																				
	>75																				
Port Blair ...	6-25	31		1	1	2	2	6	8	1	2	28				1	3	7	2	1	
	26-50							7		1								9	1		
	51-75																	1			
	>75																				
†Baj-Samand (Kankroli)	6-25	11	1					6	1	2	1	10	1		1		1	4	1	1	
	26-50																	1			
	51-75																				
	>75																				
Sambalpur ...	6-25	31						10	6	3	12	31	1				1	9	10	4	4
	26-50																	1	1		
	51-75																				
	>75																				
Sharjah (b_2) ...	6-25	31						5	8	14		31	1	1				4	12	7	
	26-50		3							1									5		
	51-75																		1		
	>75																				
Tezpur ...	6-25	31		4	8	2		1			16	29	2	3	12	2	2	1	1		4
	26-50														2						
	51-75																				
	>75																				
Trichinopoly ...	6-25	31							12	16	3	31						1	13	7	
	26-50																		10		
	51-75																				
	>75																				
Trivandrum ...	6-25																				
	26-50																				
	51-75																				
	>75																				
Vizagapatam ...	6-25	31			1	7	16	7				31			1		2	7	14	1	
	26-50																	6			
	51-75																				
	>75																				

STATION.	Speed limits (km./hr.).	1·0 km. a. s. l.										2·0 km. a. s. l.									
		n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C
Lahore ...	6-25	31				7	1	3	5	10	4	29	2		1		2	4	9		
	26-50								1										1		
	51-75																				
	>75																				
*Madho Sagar (Gwalior).	6-25	25	3	1		1		1	6	7	2	22	2	1					4		
	26-50								1	3									3		
	51-75																		1		
	>75																				
Madras ...	6-25	31	2					7	12	4	1	30	2	1					7		
	26-50		1						3	1			3						3		
	51-75																				
	>75																				
Malegaon ...	6-25																				
	26-50																				
	51-75																				
	>75																				
Mangalore ...	6-25																				
	26-50																				
	51-75																				
	>75																				
New Delhi (b_1) ...	6-25	28	4			8			3	7		22					2	1	7		
	26-50		1						3	2							1		2		
	51-75																		1		
	>75																				
Peshawar ...	6-25	31	11	5	4		1			2	4	30	1				5	4	4		
	26-50									2							1				
	51-75									2											
	>75																				
Poona ...	6-25	31			2			3	8	4	1	30				1	1	1	2	14	
	26-50								10	3						1	1			2	
	51-75																				
	>75																				
Port Blair ...	6-25	23	1			2	5	5	1	1		11	1	1				2	3	1	
	26-50							6	1										2		
	51-75							1													
	>75																				
†Baj-Samand (Kankroli)	6-25	10	1		1		2	3	1	1		8					2	2	1		
	26-50							1										1			
	51-75																				
	>75																				
Sambalpur ...	6-25	31	2	2			2	3	13	3	2	31	8	1				2	4	7	
	26-50							1	3				2						3	4	
	51-75																				
	>75																				
Sharjah (b_2) ...	6-25	31	6		1	1		4	8	4		31	3		1	2	2	4	6		
	26-50								4	2					1	1	1	1	6		
	51-75									1											
	>75																				
Tezpur ...	6-25	29	1	3	12	2	3	4	1		3	25		1	2	6	5	3	2		
	26-50				2													1			
	51-75																				
	>75																				
Trichinopoly ...	6-25	31						2	11	2	2	31	3	2			1	3	11		
	26-50								14										2		
	51-75																				
	>75																				
Trivandrum ...	6-25																				
	26-50																				
	51-75																				
	>75																				
Vizagapatam ...	6-25	30	1					5	13	5	1	30	6						2		
	26-50								5				2								
	51-75																				
	>75																				

* Station started on 7th May 1938.

† Station started on 22nd May 1938.

3·0 km. a. s. l.										Amounts of low cloud.	No. of observations with Code figures.										No. of observations with Code figures.										STATION.
n	N	NE	E	SE	S	SW	W	NW	C		0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
21				1		3	5	4 7	1	1 — 10							1	3		27						2	13	16			Lahore
										9 or 10																					
19	1 1					2	2 2	6 4	1	1 — 10							5	6	5	9					1	5	8	10	1		Madho Sagar (Gwalior)
										9 or 10									2	3											
25	6 1	4				4	4	2 4		1 — 10							1	6	3	21									31		Madras
										9 or 10										10											
										1 — 10																	8	11	12		Malegaon
										9 or 10																					
										1 — 10																		28	3		Mangalore
										9 or 10																					
16							2 3	5 6		1 — 10						1		5	5	20			1	1	2	3	8	16			New Delhi (b_1)
										9 or 10						1				1											
30	2				2 2	4 2	8 3	3 4		1 — 10								3	7	21							2	6	4	19	Peshawar
										9 or 10										2											
24	1	2		2 1	5	3 1	4 1	1 2	1	1 — 10							2	4	10	15								31		Poona
										9 or 10										1											
2							1	1		1 — 10					26	3				2					2	5	14	7	2	1	Port Blair
										9 or 10					5					25											
6					3 1	1			1	1 — 10						2	6	1	1									11			Raj Samand (Kankroli)
										9 or 10										1											
25	1 7	1					2 2	5 7		1 — 10								5	12	14							6	25			Sambalpur
										9 or 10								1		7											
26	2 1		1	2 2	2 4	1 3	3 1	2 1	1	1 — 10								2	1	28							3	24	4		Sharjah (b_2)
										9 or 10										3											
16		3	1	2	2	5	1	1	1	1 — 10					1		6	6	18								1	11	16	3	Tezpur
										9 or 10					1		1			15											
29	6	2 3	1	2	1	3	2 1	5	3	1 — 10								13	3	15									17	14	Trichinopoly
										9 or 10										4											
																										1	11	19			Trivandrum
28	9 4 1	1					4	7 1 1							1	2	2			26						3	23	5			Vizagapatam
																				12											

STATION.	Speed limits (km./hr.).	Surface.										0·5 km. above Surface.										1·0 km. a. s. l.										2·0 km. a. s. l.								
		n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW
Allahabad (d_1) ...	6-25	31		4	10	1	2				14	31	1	1	2	6	4	2	3			31	3	1	2	6	1	4	4	3			23	4						1	6
	26-50				4	5	1	2							4		1	2									2	4	1				1						3	8
	51-75																																								
	>75																																								
Bahrein (d_2) ...	6-25	31	3	2			1	1	6	11	5	31	3				3		2	3		31	1		1	1	2	1	1	6		21	4	1				1	2	1
	26-50		1							1			8	1						3			7				1			4			2					2	3
	51-75												7							1										2			1						2
	>75																																								
Bombay (Juhu) (d_1) ...	6-25	31		3		3		8	3	2	12	31	1		1			10	11	4	2	29	1		1		1	5	9	3		16	3			2	2	3	2	2
	26-50																2						1				2		2	4								1	1
	51-75																																								
	>75																																								
*Calcutta (DumDum) (d_1)	6-25	31		3		9	1	7		3	8	27			2		4	3	2		2	24		1	3	1	1	3	2	3	1	8	1				2			
	26-50													1	1	1	5	5					1				1	7				2							2
	51-75																	1																						
	>75																																								
Gaya (d_1) ...	6-25	31	2	8	11	7		1			2	31		3	1	10	4	2		1		31	1	2	1	5	3	5	2	1	2	29	1	2			2	4	4
	26-50														1	5	4							1	1		1	1					1				1	1	6
	51-75																																								1
	>75																																								
Gwador (d_2) ...	6-25	31				1	2	1	10	1	18	28		1		4	1	2	1	1	3	26		1	1	1	1		5	3		12	3		1			3		3
	26-50								3										4	4									3	4									2
	51-75																		6	1									5	1									
	>75																												1.											
Jacobabad (d_1) ...	6-25	31				9	3	3	1	1	14	31		1	4	4	4	5	2	3		31	2	3		1	6	5	4	4	1	28	5	1		1		2	7	5
	26-50															1		4		3			1					1		3			1							5
	51-75																																								
	>75																																								
Jodhpur (d_1) ...	6-25	31						12	9	1		31						1	2			31						6	2	1		27	2			1	3	3	2	7
	26-50							7	2									16	10									10	11							1	2	2	1	3
	51-75																		2										1										
	>75																																								
Karachi (Drigh Road) (d_1)	6-25	31						12	12	2	4	31						1	6	2		24	1			1	1	2	5	2		8	1		1			1	2	2
	26-50							1											15	2									6	2						1				
	51-75																		5										3											
	>75																												1											
New Delhi (d_1) ...	6-25	31			3	7		3	4	3	5	31	1			1	3		2	3	2	31	1		2		1	1	1	4	2	23	1				2	2	1	6
	26-50							1	5				1			6			2	1						5	1		7	5			1					1	10
	51-75															1			6	2									1										
	>75																																								
Sharjah (d_2) ...	6-25	31				14	10	2			5	30	2	1			1	1	5	7		30	3				2	1	8	3		20	1	1		1	1	7	3	1
	26-50																1		1	11							1		3	8							1	4	
	51-75																													1										
	>75																																								

STATION.	Speed limits (km./hr.).	Surface.										0·5 km. above Surface.										1·0 km. a. s. l.										2·0 km. a. s. l.								
		n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW
Jacobabad ...	6-25	31		1	1	3			1	3	22	31	7	2	2	7	4	2	3	2	1	31	4	5	2	5	4	2	1	3		31	8	3	2		2	4		3
	26-50																			1			2		1					2			2	2						1
	51-75																																								1
	>75																																								

* Pilot Balloon work shifted from Alipore to Dum Dum from 1-5-38.

3·0 km. a. s. l.										Amounts of low cloud.	No. of observations with Code figures.										No. of observations with Code figures.										STATION.
n	N	NE	E	SE	S	SW	W	NW	C		0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
6							1	1		1 — 10						1	1	2		27							11	20			Allahabad (d_1)
								4		9 or 10																					
7	3							1	1	1 — 10									1	30						4	27				Bahrein (d_2)
	1					1				9 or 10																					
0		1		1	2	1	2		1	1 — 10				1	6	13	5			6					1		28	2			Bombay (Juhu) (d_1)
					1	1				9 or 10					3					4											
3										1 — 10					10	3	2	1	2	13					4	27					Calcutta (Dum Dum) (d_1)
	2							1		9 or 10					4					12											
2		2					3			1 — 10						3		2	1	25							17	14			Gaya (d_1)
	1							5																							
								1		9 or 10										1											
5			1					1	1	1 — 10			1	2	3	4	1			20			1		2	16	12				Gwador (d_2)
		1	1							9 or 10			1	2			1			4										
9	4	5			2	1	1	4		1 — 10										31						2	24	5			Jacobabad (d_1)
	1						1																								
										9 or 10																					
4	3			1		1		1		1 — 10									1	30						4	9	18			Jodhpur (d_1)
	1				6			1																							
										9 or 10																					
2							1	1		1 — 10					9	7	1			13							27	4			Karachi (Drigh Road) (d_1)
										9 or 10				1	3					4											
1							1	2		1 — 10									1	30					1	4	23	3			New Delhi (d_1)
							3	3																							
							1	1		9 or 10																					
5		1	1	1	1		1			1 — 10	1									30			1				3	25	2		Sharjah (d_2)
										9 or 10										2											
											1																				

3·0 km. a. s. l.										Amounts of low cloud.	No. of observations with Code figures.										No. of observations with Code figures.										STATION.
n	N	NE	E	SE	S	SW	W	NW	C		0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
23	4	3	1		1	3	2	3	1	1 — 10									1	30											Jacobabad
	1	3						1		9 or 10																					

Registered No. B-3097

INDIA WEATHER REVIEW, 1938

Monthly Weather Report

June

Published by authority of the Government of India

Summary.—The monsoon was early in most provinces and so the month was generally rainier than usual. A deep depression was associated with the northward advance of the monsoon in the Arabian Sea. Two periods of unsettled weather in the Bay coincided with general strengthenings of the monsoon over the country.

Having advanced into Bengal and Assam, on the one hand, and along the Malabar coast, on the other, during the last week of May, the monsoon extended into the Konkan and the Deccan in the beginning of June. Unsettled conditions then appeared over the Arabian Sea off the Kathiawar-Konkan coast and, after a temporary intensification into a deep depression on the 3rd, moved away northwestwards, causing an extension of the monsoon further north into Gujarat. Soon after weather became unsettled over the north and central Bay of Bengal and, between the 6th and the 8th, a well marked low pressure area lay off the Circars-Orissa coast, helping the monsoon to strengthen over the west coast and the Deccan and to extend into the central parts of the country, the north Madras coast and Orissa, while Assam and Bengal suffered a temporary decrease in rainfall. Before the onset of the monsoon, the central parts of the country had experienced pronounced thunderstorm activity, further accentuated by two western disturbances, which had also been responsible for frequent thundershowers along and near the western Himalayas and in east Rajputana. The low pressure area ultimately moved westwards, taking a rather unusual course through the central parts of the country into east Rajputana, where it filled up by the 11th. In association with it the monsoon strengthened generally, becoming vigorous in Gujarat, and extended over the United Provinces and northwest India right up to the frontier. Several stations in northern India and on the west coast recorded heavy rain.

With the appearance again of unsettled conditions in the north Bay of Bengal, whence a low pressure area travelled westwards on the 18th, to persist over the Central Provinces till the 22nd, the monsoon weakened for a day or so but subsequently strengthened afresh over northeast India, the United Provinces, the central parts of the country and the Peninsula outside southeast Madras, becoming vigorous in west Central India and the adjoining areas to the east and south. Raver in east Khandesh had 8″ of rain on the 19th and Khargone in west Central India 16″ on the 20th, while a sporadic fall of 20″ was recorded at Ratnagiri between the 18th-19th. There were, besides, widespread thundershowers along and near the western Himalayas. Between the 23rd and the 25th the monsoon also revived over the belt from east Gujarat to the east and north Punjab and in and near Mysore. Later on, however, there was a general weakening of the monsoon over the country outside Bihar, Bengal and Assam, which provinces, on the contrary, experienced a considerable increase of rainfall.

Two western disturbances entered India during the month, as set out below:—

Western disturbances.			Precipitation.			Remarks.
No.	Period.	Course.	Region.	Nature of precipitation.	Period.	
1	1st to 3rd ...	Lay over Baluchistan on the 2nd, then merged into the seasonal low over northwest India by the next day.	Northern and Central India.	Widespread thunderstorms.	1st.	
2	4th to 5th ...	Lay over Baluchistan on the 4th and then moved away eastwards.	Extreme north ...	A few dust or thunderstorms.	4th.	

Low temperatures prevailed in and around the central parts of the country during the month. Temperatures were also generally lower than usual along and near the western Himalayas between the 8th and the 20th, and in the Deccan between the 2nd and the 8th and between the 20th and the 29th.

The total rainfall of the month was in large excess in Bihar, the United Provinces, the Punjab, Kashmir, Rajputana, Gujarat, west Central India, Berar and the west Central Provinces, in slight to moderate excess in the Bay Islands, the North-West Frontier Province, Baluchistan, east Central India, the east Central Provinces, the Konkan, the Deccan, southeast Madras and the north Madras coast, normal in Assam, Bengal, Orissa and Malabar and in slight to moderate defect elsewhere. Averaged over the plains of India the month's rainfall was in excess by 37 per cent.

The mean maximum temperature was normal in the Bay Islands, Assam, Bengal, Baluchistan, Sind, the Konkan, Mysore and Malabar and in defect elsewhere. The mean minimum temperature was in excess in the North-West Frontier Province and Baluchistan and in defect in east Rajputana, Central India, Berar, the Central Provinces and south Hyderabad.

Mean relative humidity was in excess in Chota Nagpur, the United Provinces, the Punjab, Kashmir, the North-West Frontier Province, Rajputana, Central India, Berar, the Central Provinces, the Bombay Deccan and Hyderabad, and normal elsewhere.

Mean cloud amount was normal in the Bay Islands, Bengal, east Central India, Berar, the Konkan, Mysore, Malabar, the Madras Deccan and the north Madras coast, and above normal elsewhere.

Table I contains the divisional and sub-divisional means of rainfall, temperature, humidity and cloud for the 16 chief political divisions and the 33 sub-divisions. These means are based on observations at the stations whose monthly mean data are given in the subsequent tables.

POONA No. 5:
The 24th August 1938.

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

	Rainfall.				Departure from normal of				
							8 hrs. L. M. T.		
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Vapour pressure.	Relative humidity.	Cloud.
1	2	3	4	5	6	7	8	9	10
Division	"	"	"		°	°	"	%	
Burma ...	18·58	22·95	−4·37	− 19	−1·0	0	−·015	0	+0·8
Assam ...	16·41	16·33	+0·08	0	+0·1	+ 1·1	+·017	+ 1	+1·7
Bengal ...	16·60	15·33	+1·27	+ 8	−1·4	+ 0·7	+·009	+ 1	+1·8
Orissa ...	8·70	8·84	−0·14	− 2	−2·9	− 0·6	+·015	+ 2	+1·8
Bihar ...	11·19	8·27	+2·92	+ 35	−4·0	− 0·7	+·045	+ 7	+2·1
United Provinces.	8·69	4·79	+3·90	+ 81	−5·4	− 1·6	+·091	+13	+2·6
Punjab ...	3·71	1·68	+2·03	+121	−5·2	− 1·0	+·120	+13	+1·9
North-West Frontier Province.	0·87	0·69	+0·18	+ 26	−3·8	+ 2·0	+·098	+ 8	+0·9
Sub-division									
Bay Islands ...	26·32	21·30	+5·02	+ 24	−0·3	− 0·5	−·014	0	−0·1
Lower Burma ...	25·65	31·96	−6·31	− 20	−0·9	0	−·015	+ 1	+0·9
Upper Burma ...	7·46	8·78	−1·32	− 15	−1·1	+ 0·1	−·015	0	+0·6
Assam ...	16·41	16·33	+0·08	0	+0·1	+ 1·1	+·017	+ 1	+1·7
Bengal ...	16·60	15·33	+1·27	+ 8	−1·4	+ 0·7	+·009	+ 1	+1·8
Orissa ...	8·70	8·84	−0·14	− 2	−2·9	− 0·6	+·015	+ 2	+1·8
Chota Nagpur ...	6·39	8·55	−2·16	− 25	−5·0	− 1·4	+·071	+ 9	+2·1
Bihar ...	13·10	8·16	+4·94	+ 61	−3·1	− 0·1	+·025	+ 5	+2·1
United Provinces, East.	11·01	5·19	+5·82	+112	−5·5	− 1·5	+·069	+12	+2·9
Do. do. West.	6·69	4·44	+2·25	+ 51	−5·9	− 1·7	+·112	+13	+2·4
Punjab, East and North.	5·03	2·42	+2·61	+108	−5·6	− 1·3	+·115	+13	+2·3
Do. Southwest.	2·16	0·83	+1·33	+160	−4·7	− 0·5	+·131	+12	+1·1
Kashmir ...	3·67	1·45	+2·22	+153	−3·1	+ 1·4	+·027	+ 6	+1·4
North-West Frontier Province.	0·87	0·69	+0·18	+ 26	−3·8	+2·0	+·098	+ 8	+0·9
Baluchistan ...	0·35	0·28	+0·07	+ 25	−0·6	+ 2·5	+·067	+ 5	+0·7
Sind ...	0·39	0·47	−0·08	− 17	−0·7	+ 1·8	+·100	+ 5	+1·7
Rajputana, West.	6·08	1·45	+4·63	+319	−2·2	+ 0·3	+·121	+11	+2·5

	Rainfall.				Departure from normal of				
							8 hrs. L. M. T.		
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Vapour pressure.	Relative humidity.	Cloud.
1	2	3	4	5	6	7	8	9	10
Division—*contd.*	"	"	"		°	°	"	%	
9. Sind ...	0·39	0·47	−0·08	− 17	−0·7	+1·8	+·100	+ 5	+1·7
10. Rajputana ...	5·01	2·48	+2·53	+ 102	−4·9	−2·8	+·119	+13	+2·6
11. Bombay ...	12·08	8·06	+4·02	+ 50	−3·7	−0·7	+·013	+ 4	+1·8
12. Central India ...	9·93	5·52	+4·41	+ 80	−6·7	−6·1	+·065	+16	+1·7
13. Central Provinces and Berar.	11·84	7·56	+4·28	+ 57	−7·9	−3·1	+·084	+19	+3·0
14. Hyderabad ...	7·38	5·15	+2·23	+ 43	−7·0	−1·9	+·021	+10	+2·0
15. Mysore ...	2·13	3·17	−1·04	− 33	−1·3	+0·1	−·021	− 1	+1·1
16. Madras ...	7·76	6·87	+0·89	+ 13	−2·9	−0·6	−·039	− 1	+1·4
Mean of India (excluding Burma).	3·68	6·34	+2·34	+ 37	−4·3	−1·1	+·053	+ 9	+2·0
Sub-division—*contd.*									
18. Rajputana, East.	4·74	2·74	+ 2·00	+ 73	−5·8	−3·2	+·119	+14	+2·6
19. Gujarat ...	7·71	3·84	+ 3·87	+101	−3·3	−0·2	+·015	+ 3	+2·4
20. Central India, West	11·69	5·06	+ 6·63	+131	−7·7	−2·6	+·021	+11	+2·4
21. Do. do. East.	8·17	5·98	+ 2·19	+ 37	−5·7	−3·6	+·110	+21	+1·0
22. Berar ...	10·55	5·95	+ 4·60	+ 77	−8·9	−3·0	+·061	+17	+1·1
23. Central Provinces, West.	12·74	7·27	+ 5·47	+ 75	−8·6	−3·6	+·107	+21	+3·8
24. Do. do. East.	11·14	8·78	+ 2·36	+ 27	−6·5	−2·5	+·063	+16	+2·7
25. Konkan ...	36·91	28·05	+ 8·86	+ 32	−1·6	−1·1	+·010	+ 3	−0·1
26. Bombay Deccan...	6·23	5·00	+ 1·23	+ 25	−5·4	−1·1	+·012	+ 7	+2·0
27. Hyderabad, North	8·18	5·52	+ 2·66	+ 48	−8·3	−1·8	+·019	+11	+2·6
28. Do. South	6·59	4·79	+ 1·80	+ 38	−5·9	−2·1	+·023	+10	+1·6
29. Mysore ...	2·13	3·17	−1·04	− 33	−1·3	+0·1	−·021	− 1	+1·1
30. Malabar ...	29·81	28·19	+1·62	+ 6	−0·6	−0·5	−·004	+ 3	+0·8
31. Madras, Southeast	1·75	1·52	+ 0·23	+ 15	−2·0	+0·3	−·055	− 2	+2·1
32. Do. Deccan...	2·91	2·43	+ 0·48	+ 20	−5·0	−1·7	−·012	+ 4	+1·0
33. Do. Coast, North	6·03	4·04	+ 1·99	+ 49	−5·0	−1·5	−·032	+ 3	+0·8

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Relative humidity %		
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	2
Bay Islands																						
*Port Blair ...	59/261	29·667	- ·021	29·425	85·5	- 0·3	90	26	77·3	-0·5	74	17	81·1	79·6	78·1	76·4	·916	- ·014	·855	87	0	
Lower Burma																						
Victoria Point ...	157	29·651	+ ·003	29·597	83·9	- 0·3	87	3, 4	75·3	+0·2	72	17, 19	78·9	79·5	76·3	76·2	·864	- ·016	·852	89	+ 1	
Mergui ...	66	29·723	- ·006	29·647	84·4	- 1·1	91	24	75·8	+2·0	73	17,18,19	78·2	79·6	76·4	76·2	·869	- ·025	·848	92	0	
Tavoy ...	19	29·756	- ·016	29·681	83·8	- 0·8	90	2, 25, 27	74·6	-0·4	73	7 days	77·2	79·0	76·0	76·3	·832	- ·003	·862	95	+ 3	
Amherst ...	71	29·683	- ·001	29·607	83·2		87	4 days	74·9		73	4 days	78·3	80·1	76·4	76·7	·869		·878	92		
Rangoon ...	18	29·706	- ·008	29·629	86·0	- 0·4	91	25,27,28	75·7	-0·7	73	17, 20	79·6	81·1	77·5	77·4	·899	- ·024	·878	91	0	
Tharrawaddy ...	49	29·667		29·589	87·3		91	25,26,28	75·9		73	21	79·6	79·7	77·9	77·5	·930		·899	92		
Bassein ...	20	29·694	+ ·005	29·627	86·6	+ 0·2	92	25	75·8	-0·7	74	4 days	79·9	81·3	77·8	77·7	·930	- ·012	·910	91	- 1	
Diamond Island ...	41	29·655	- ·013	29·596	83·8	- 1·8	86	6 days	76·7	-0·2	74	4 days	80·7	81·4	77·8	78·3	·916	- ·007	·916	87	+ 3	
Gwa ...	11	29·686		29·616	86·3		91	6	76·2		74	15,21,29	79·9	81·1	78·0	78·9	·930		·962	91		
Sandoway ...	28	29·661		29·591	87·2		92	6, 8	75·5		74	5 days	79·0	80·7	77·3	78·1	·906		·923	92		
†Toungoo ...	158																					
Kyaukpyu ...	18	29·687	+ ·001	29·572	84·7	- 1·4	87	5 days	76·8	+0·2	75	5 days	79·9	81·8	78·1	78·7	·930	+ ·003	·948	92	+ 2	
Akyab ...	29	29·631	+ ·008	29·562	84·8	- 1·2	89	7	77·2	-0·3	75	22, 28	80·3	81·6	78·1	78·5	·930	- ·083	·948	90	- 2	
Upper Burma																						
Minbu ...	168	29·506	+ ·005	29·408	91·7	- 0·6	96	27, 29	77·8	+0·1	76	22, 23	82·3	85·3	77·3	78·2	·858	- ·019	·862	79	- 3	
Yamethin ...	644	29·051	+ ·010	28·949	89·9	- 1·3	95	7	74·8	-0·6	71	16	79·4	82·7	75·5	77·3	·812	- ·029	·851	82	0	
Mandalay ...	252	29·424	+ ·006	29·303	91·7	- 1·8	95	6, 26, 27	76·9	-1·0	73	24	81·4	88·1	76·1	78·2	·821	- ·048	·822	78	0	
Monywa ...	267	29·397	- ·006	29·281	92·9	- 0·9	98	26	78·3	-0·3	73	18	82·2	88·9	77·5	79·9	·865	- ·011	·900	80	0	
Lashio ...	2,802	26·931	+ ·012	26·822	82·7	- 1·4	87	1	70·2	+0·4	68	5 days	73·4	78·2	70·6	73·3	·717	- ·004	·743	87	+ 1	
Bhamo ...	386	29·257	- ·011	29·149	89·3	- 0·8	93	10	76·1	+1·6	74	2, 19	79·5	84·4	77·1	78·8	·892	- ·001	·914	89	- 2	
Myitkyina ...	476	29·159	- ·018	29·057	87·0	- 0·8	93	9	75·3	+0·3	73	4, 8, 20	78·5	88·3	76·4	78·6	·869	+ ·010	·928	91	+ 1	
Assam																						
Dibrugarh ...	348	29·251	- ·021	29·147	87·8	+ 0·8	96	19	74·4	+0·2	70	5	78·2	93·3	76·8	79·1	·906	+ ·028	·935	94	+ 2	
Sibsagar ...	317	29·272	- ·025	29·169	89·9	+ 1·2	95	8	77·2	+1·1	72	5	80·3	85·3	77·9	79·7	·923	+ ·002	·947	90	- 1	
Tezpur ...	258	29·344	- ·016	29·225	89·5	+ 0·7	97	1	76·9	+0·3	74	5	80·1	85·5	77·9	80·0	·930	+ ·029	·947	90	+ 1	
Gauhati ...	196	29·393	- ·027	29·286	89·0	- 0·5	95	8	78·2	+1·7	76	4, 5	80·7	84·7	78·3	79·4	·928	+ ·016	·914	89	+ 2	
Dhubri ...	115	29·481	+ ·001	29·384	84·7	- 1·2	92	9	76·5	+0·3	72	4, 5	79·2	82·0	77·7	79·1	·937	+ ·028	·948	93	+ 2	
Silchar ...	96	29·530	- ·003	29·417	89·3	0	97	8	77·2	+1·1	74	5	79·9	84·1	78·2	79·9	·937	+ ·016	·968	92	+ 3	
Srimangal ...	69	29·541	+ ·007	29·437	89·6	- 0·6	94	8, 9, 19	76·9	+1·6	74	27	81·0	83·9	78·1	80·1	·916	+ ·003	·968	88	+ 1	
Bengal																						
Cox's Bazar ...	38	29·590	+ ·012	29·518	86·0	- 0·4	91	8	76·5	+0·2	73	28	80·8	82·0	77·6	78·4	·916	- ·013	·910	86	- 2	
Chittagong ...	87	29·546	+ ·013	29·462	86·5	- 0·3	93	18	77·2	+0·4	75	27, 28	80·4	81·8	77·1	78·2	·878	- ·036	·910	86	0	
Noakhali ...	22	29·581	- ·004	29·495	85·8	- 1·1	90	18	78·1	-0·4	75	27, 30	81 9	83·2	79·1	79·7	·948	- ·002	·974	89	+ 1	
Comilla ...	37	29·559	- ·009	29·469	88·4	+ 0·2	93	7, 18	77·9	+1·2	75	27, 28	82·3	83·6	79·1	79·8	·948	+ ·014	·968	87	- 1	
Brahmanbaria ...	32	29·565		29·468	87·8	- 1·4	93	8, 18	77·9	+2·7	75	27,28,29	82·0	84·8	78·7	80·3	·942	+ ·026	·961	86	+ 3	
Narayanganj ...	26	29·560	- ·002	29·471	88·9	0	92	7, 8, 26	78·7	+0·6	75	29	83·1	84·9	79·4	79·8	·942	- ·029	·954	84	- 4	
Mymensingh ...	62	29·537	- ·003	29·442	88·0	+ 0·5	92	7, 19	77·1	0	71	26	81·3	84·4	79·1	80·2	·962	+ ·026	·968	90	+ 1	
Faridpur ...	27	29·548	- ·014	29·458	88·1	- 1·1	91	5, 26	78·4	+1·0	72	29	82·7	83·6	79·9	80·3	·981	- ·007	·974	88	- 2	
Barisal ...	11	29·570	+ ·002	29·490	89·2	+ 0·6	93	16	79·2	+1·2	74	30	82·4	84·5	79·5	79·5	·948	- ·032	·921	87	0	
Khulna ...	16	29·560	+ ·011	29·475	88·6	- 0·7	93	17	79·3	+1·5	75	27	83·5	83·9	80·0	79·8	·974	+ ·009	·968	86	+ 2	
Jessore ...	26	29·524	- ·013	29·440	88·9		92	5, 6	78·1		73	26	83·4	83·9	80·7	80·8	1.022	+ ·039	1.015	88	+ 1	
Satkhira ...		29·540	+ ·007	29·456	89·2	- 1·4	93	5	79·0	+1·3	75	27	83·7	85·1	80·6	80·9	1.015	- ·001	1.001	87	+ 1	
Calcutta ...	22	29·526	- ·002	29·445	90·0	- 2·0	96	30	79·8	+1·5	77	18,28,29	83·8	85·6	80·5	80·6	·994	+ ·033	·974	86	+ 2	
Saugor Island ...	10	29·531	- ·005	29·454	87·2	- 2·7	91	30	80·5	-0·6	76	1, 23	84·0	85·2	80·4	80·3	·974	- ·041	·951	85	+ 1	
Sandheads ...	28	29·523	- ·007	29·447									84·0	85·1	81·1	81·8	1.015	- ·008	1.013	86	0	
Midnapore ...	149	29·392	- ·002	29·310	90·9	- 2·5	97	4, 17	79·0	+0·2	77	7 days	83·4	84·5	79·9	79·9	·974	+ ·035	·961	85	+ 3	
Burdwan ...	99	29·448	+ ·004	29·359	91·3	- 1·7	95	4, 16, 30	78·8	-0·1	76	18, 28	83·0	84·4	80·1	79·9	·981	+ ·037	·961	87	+ 3	
Krishnagar ...	48	29·506	+ ·001	29·420	90·6	- 2·1	95	16, 17	78·4	-0·1	75	6	84·1	84·9	80·5	80·7	1·008	+ ·043	1·001	85	0	
Asansol ...	414	29·116	- ·002	29·021	91·8	- 5·3	99	4, 5	78·6	-0·2	75	18	83·1	86·4	78·9	79·5	·935	+ ·027	·891	82	+ 4	
Berhampore ...	62	29·47,	- ·016	29·381	90·9	- 1·2	94	4 days	78·3	-0·1	73	2	83·0	84·5	79·7	80·1	·974	+ ·018	·961	86	- 1	
Bogra ...	63	29·513	- ·003	29·410	89·3	0	93	26	78·1	+0·9	75	27, 29	82·0	84·2	79·5	80·3	·955	+ ·015	·968	89	+ 2	
Malda ...	108	29·447	+ ·010	29·356	88·9	- 3·3	92	25	78·6	+0·3	74	2, 28, 29	82·5	85·2	79·7	80·0	·961	+ ·016	·947	88	+ 1	
Dinajpur ...	123	29·433	- ·015	29·336	87·6	- 1·8	92	16	78·7	+1·6	75	4, 7	81·4	85·0	78·8	80·4	·955	+ ·031	·961	90	+ 2	
Jalpaiguri ...	271	29·306	- ·020	29·211	85·7	- 2·9	91	4, 8	75·8	+0·1	70	2	79·9	84·0	77·8	79·5	·906	+ ·001	·928	93	+ 4	
Addenda for May.																						
Toungoo ...	158	29·578	- ·034	29·482	90·8	- 4·9	103	6	76·3	-0·3	73	9, 13	80·2	82·6	76·7	76·6	·878	- ·040	·845	85	+ 4	

*8 hrs. observations at surface observatory (old site), height 59 feet; 17 hrs. observations at combined observatory (new site), height 261 feet. † Register not received.

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																	STATION.
											8 hrs. L. M. T.									17 hrs. I. S. T.									
Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																												Bay Islands
− 0·1	9·3	26·32	+ 6·98	4·33	17	23	+ 2·9	6·4	− 1·2	0	0	0	0	4	9	12	1	4	1	0	0	0	1	15	12	1	0	*Port Blair
																												Lower Burma
+ 0·7	8·5	26·97	− 2·72	3·09	4	21	− 1·4	4·9	− 0·8	1	6	3	4	1	11	2	1	1	0	0	1	2	2	11	5	2	7	Victoria Point
+ 1·5	8·1	27·22	− 2·19	3·42	8	24	− 0·3	4·2	+ 2·2	0	1	5	12	2	6	0	4	0	2	1	1	3	2	11	4	4	2	Mergui
+ 1·7	8·8	30·14	−14·10	4·46	28	26	+ 0·7	2·9	+ 1·4	0	0	0	2	2	1	0	2	23	0	0	0	4	7	3	1	0	15	Tavoy
	9·2	35·16	− 2·45	4·76	13	29	+ 3·8	9·1		2	0	2	8	9	3	2	1	3	0	0	0	3	10	12	3	0	2	Amherst
− 0·7	8·2	15·49	− 2·55	2·60	17	20	− 3·0	3·4	− 0·3	0	1	1	6	9	4	1	0	8	0	0	0	5	11	7	3	1	3	Rangoon
	8·1	16·69	+ 0·15	2·35	29	25	+ 4·0	4·2		0	0	1	17	6	5	1	0	0	0	0	0	10	3	9	4	0	4	Tharrawaddy
+ 1·0	9·4	17·85	− 5·17	2·20	3	24	+ 0·5	4·6	+ 1·1	0	0	1	9	11	5	2	0	2	0	0	0	0	9	10	5	0	6	Bassein
+ 1·5	9·6	17·28	− 7·41	2·16	28	23	+ 1·7	9·5		0	0	1	5	6	12	5	0	1	0	0	0	6	6	12	6	0	0	Diamond Island
	9·6	35·68	− 3·27	7·90	16	24	− 0·1	4·0		0	0	1	22	0	1	3	0	3	0	0	0	10	4	5	4	0	7	Gwa
	8·9	39·77		6·52	17	26		1·8		0	3	3	1	2	5	0	0	16	0	1	0	2	5	9	4	0	9	Sandoway
																												†Toungoo
+ 0·8	9·1	26·96	−15·52	7·30	17	26	+ 1·6	6·2	+ 3·2	0	0	1	12	11	6	0	0	0	0	1	0	4	11	14	0	0	0	Kyaukpyu
+ 1·1	9·6	32·75	−14·19	4·91	29	28	+ 3·7	13·7		0	2	5	10	5	6	2	0	0	0	0	1	6	14	7	1	1	0	Akyab
																												Upper Burma
+ 0·4	6·0	3·59	− 2·16	0·97	9	11	+ 1·1	4·9	− 1·5	0	0	0	19	6	0	0	0	5	0	0	0	8	10	1	3	0	8	Minbu
+ 1·1	6·9	2·19	− 2·92	0·38	7	8	− 1·1	5·7		0	0	0	3	25	0	0	0	2	0	0	1	2	24	0	0	0	3	Yamethin
+ 1·0	8·2	3·99	− 2·28	1·64	7	6	− 1·3	7·7	− 0·3	1	0	0	3	15	1	0	0	0	0	0	0	8	17	0	1	1	3	Mandalay
− 0·7	6·0	2·31	− 3·26	1·08	7	4	− 2·8	4·2	+ 0·8	0	0	0	10	16	3	0	1	0	1	1	0	7	10	0	0	0	11	Monywa
+ 0·2	7·3	9·75	− 0·01	2·46	4	16	+ 0·7	2·6	0	0	0	0	2	8	7	3	1	9	0	0	0	0	4	9	2	1	14	Lashio
+ 1·4	6·6	9·82	− 4·06	2·27	19	17	− 1·6	1·8	+ 0·2	4	3	0	1	2	0	4	5	11	0	0	1	1	7	2	2	4	13	Bhamo
+ 0·7	7·8	20·58	+ 5·45	4·80	4	18	− 1·3	2·2	+ 0·5	2	2	2	4	7	4	1	0	8	1	3	3	5	6	4	3	1	4	Myitkyina
																												Assam
+ 2·4	8·8	18·99	− 0·26	2·68	11	22	+ 2·5	2·1	+ 1·3	3	3	4	4	2	1	2	4	7	0	5	6	1	0	0	0	2	16	Dibrugarh
+ 1·2	8·2	15·10	+ 0·89	2·29	20	18	+ 1·3	4·4	+ 2·4	2	8	2	1	4	9	1	1	2	4	5	2	3	4	2	3	5	2	Sibsagar
+ 1·2	6·0	6·01	− 5·99	0·98	12	14	− 1·6	2·3	0	0	1	15	1	0	5	5	1	2	0	0	11	0	0	5	10	1	3	Tezpur
+ 1·8	8·0	7·48	− 6·35	1·08	16	16	− 0·1	2·1	+ 0·8	2	8	4	1	2	5	3	1	4	1	3	2	2	4	8	4	4	2	Gauhati
+ 0·6	7·5	30·27	+ 6·45	5·44	15	21	+ 3·1	4·0	− 0·2	1	8	4	3	7	2	1	0	4	1	4	3	3	7	3	1	0	8	Dhubri
+ 1·5	7·4	28·75	+ 7·07	4·86	10	25	+ 4·2	1·3	− 0·5	2	2	3	10	1	0	0	0	12	2	0	2	1	2	1	5	2	15	Silchar
+ 3·3	8·9	17·69	+ 0·64	3·24	17	23	+ 2·9	3·7		0	2	5	11	11	1	0	0	0	3	2	1	4	11	2	2	1	4	Srimangal
																												Bengal
+ 0·8	8·8	22·08	− 8·06	5·51	13	17	− 2·1	6·7	+ 2·5	0	0	2	13	9	3	0	1	2	0	0	1	10	14	3	1	0	1	Cox's Bazar
+ 0·6	9·4	28·56	+ 7·77	6·15	13	18	+ 1·4	5·5		0	1	2	13	12	2	0	0	0	0	0	2	7	13	7	1	0	0	Chittagong
+ 2·4	8·4	19·24	− 2·25	2·20	13	22	+ 3·4	9·5	+ 4·7	0	0	2	14	12	2	0	0	0	0	0	0	6	19	3	2	0	0	Noakhali
+ 3·3	9·5	17·94	− 0·11	2·15	17	25	+ 7·5	5·0		0	1	3	5	16	4	0	0	1	0	0	0	3	18	4	0	1	4	Comilla
	8·2	7·39	− 9·14	1·51	29	15	− 1·4	4·6		6	1	0	13	13	3	0	0	0	1	3	0	5	14	6	0	0	1	Brahmanbaria
+ 0·9	7·8	12·60	− 0·35	2·91	29	18	+ 3·2	5·5	+ 0·6	0	1	4	8	11	4	2	0	0	0	0	0	11	15	4	0	0	0	Narayanganj
+ 1·0	7·8	24·13	+ 5·42	3·57	27	19	+ 0·8	3·4	+ 0·9	0	1	4	16	1	1	2	0	5	0	2	3	14	3	3	0	0	5	Mymensingh
+ 2·0	8·5	14·91	+ 1·35	2·84	16	18	+ 2·6	7·5		0	0	2	16	10	0	0	0	2	0	0	1	18	10	0	0	0	1	Faridpur
+ 1·1	8·2	12·68	− 3·65	1·56	23	26	+ 8·8	5·6	+ 2·9	0	0	1	12	15	2	0	0	0	0	0	0	7	16	6	0	1	0	Barisal
+ 0·8	8·5	13·33	− 0·55	4·06	27	18	+ 3·0	5·8		0	1	4	11	7	5	1	0	1	0	1	3	13	6	3	1	0	3	Khulna
− 1·3	5·7	10·04	− 2·63	2·03	27	18	+ 3·7	6·3	+ 3·3	0	1	2	10	15	2	0	0	0	0	0	0	7	17	3	0	0	3	Jessore
+ 1·2	7·1	12·97	− 0·93	2·19	5	17	+ 2·2	3·8		1	1	7	9	6	5	0	0	1	1	2	4	7	7	5	1	0	3	Satkhira
+ 1·2	8·4	9·15	− 2·75	2·54	28	13	− 0·3	3·7	− 0·6	0	0	5	6	6	3	2	0	2	0	1	0	14	6	6	1	1	1	Calcutta
+ 0·1	7·9	5·64	− 5·90	0·70	1	14	+ 1·7	15·6	+ 4·0	0	2	3	1	11	11	2	0	0	0	0	1	7	13	8	1	0	0	Saugor Island
− 1·3	5·8	7·15	+ 0·14	1·11	5	13	+ 3·6			0	0	1	4	4	16	4	0	1	0	0	1	6	6	14	2	0	1	Sandheads
+ 2·3	8·1	5·25	− 5·25	1·08	5	16	+ 3·0	3·1	− 0·1	1	1	4	7	9	5	3	0	0	1	0	1	11	12	1	0	1	3	Midnapore
− 0·5	7·5	7·53	− 2·71	1·65	28	16	+ 3·2	2·8		0	0	3	12	10	2	1	0	2	1	0	2	16	7	1	0	1	2	Burdwan
+ 2·0	9·0	11·97	+ 1·31	2·19	28	15	+ 2·0	4·6		0	2	2	10	9	7	0	0	0	0	0	0	16	6	3	0	1	4	Krishnagar
+ 2·4	9·3	9·60	− 2·11	3·31	5	14	+ 1·7	5·3		0	3	6	8	2	3	4	3	1	1	2	8	8	0	2	3	4	2	Asansol
+ 0·4	8·1	11·78	+ 1·74	2·88	14	19	+ 6·7	4·2	+ 0·7	0	7	2	12	3	6	0	0	0	1	3	6	12	4	3	0	0	1	Berhampore
+ 1·8	7·8	24·38	+10·35	6·31	26	20	+ 5·3	2·9	+ 0·9	0	1	6	8	7	6	2	0	0	0	1	5	10	9	3	2	0	0	Bogra
+ 2·8	6·9	12·19	+ 1·84	1·83	2	17	+ 5·4	4·8		0	1	4	10	10	2	1	1	1	0	1	9	8	8	3	0	0	1	Malda
+ 0·4	6·7	20·40	+ 6·35	1·90	14	23	+ 8·9	2·0	− 1·2	3	2	6	8	2	2	0	0	10	0	2	8	5	5	3	0	0	7	Dinajpur
+ 2·8	6·1	47·60	+23·87	6·91	22	25	+ 7·1	4·2	+ 2·4	1	5	16	5	2	0	0	0	1	3	1	9	9	5	0	0	0	3	Jalpaiguri
																												Addenda for May
+ 2·0	9·0	13·19	+ 5·47	3·03	9	19	+ 8·5	4·4	+ 1·1	1	0	0	14	14	1	0	0	1	1	1	3	10	11	3	1	0	1	Toungoo

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Relative humidity %	
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Orissa																					
Balasore ...	65	29·475	−·002	29·391	89·6	− 3·0	98	30	79·1	+0·4	74	6	83·5	85·3	79·9	80·5	·974	+·030	·995	85	+ 3
Chandbali ...	20	29·529	−·017	29·447	89·4	− 2·6	96	4, 30	79·0	−0·3	76	6	83·0	85·5	79·7	80·1	·978		·958	86	+ 3
Puri ...	20	29·534	−·003	29·455	88·5	− 0·5	96	30	81·0	+0·4	77	18, 19	84·1	85·3	80·2	80·8	·968	−·023	·995	83	− 2
Gopalpur ...	56	29·497	−·007	29·419	88·8	− 0·8	97	28	80·3	−0·1	77	7, 19	85·3	85·7	79·9	80·5	·947	−·013	·988	79	− 4
Cuttack ...	87	29·476	+·010	29·397	90·6	− 4·6	97	4	77·4	−2·4	74	29	83·3	86·2	79·3	79·8	·935	+·014	·940	83	+ 4
Angul ...	455	29·088	−·003	28·999	91·0	− 2·9	98	3	78·4	+0·4	75	18	82·3	85·5	77·6	78·8	·896	+·017	·901	81	+ 2
Sambalpur ...	486	29·066	+·001	28·971	91·1	− 6·0	101	4	78·1	−2·4	73	5	82·2	84·9	78·0	79·0	·903	+·064	·908	82	+10
Chota Nagpur																					
Jamshedpur ...	423	29·121			92·0		98	4	79·4		76	18	82·9		78·1		·889			79	
Chaibasa ...	742	28·789	+·002	28·696	92·1	− 4·5	99	3	78·1	−0·9	74	5	82·7	84·7	78·5	79·9	·935	+·092	·954	82	+ 8
Ranchi ...	2,152	27·419	+·001	27·340	86·5	− 4·7	92	2, 5	73·5	−1·6	70	5	78·0	80·8	74·3	75·3	·794	+·051	·797	83	+ 9
Hazaribagh ...	2,006	27·564	+·012	27·490	87·9	− 5·1	95	5	74·3	−1·9	71	5	79·3	81·2	75·2	75·6	·816	+·105	·826	82	+14
Daltonganj ...	725	28·799	+·007	28·688	94·1	− 5·7	102	2, 5	79·3	−1·3	76	13, 27, 30	84·1	87·6	77·4	78·3	·838	+·034	·828	73	+ 6
Bihar																					
Purnea ...	124	29·418	−·028	29·328	87·5	− 4·0	93	4	77·7	+0·3	73	3	81·3	84·7	79·1	80·3	·962	+·028	·961	91	+ 4
Darbhanga ...	161	29·376	−·012	29·266	89·4		95	4	78·5		75	6 days	82·6	87·0	79·4	81·1	·948		·974	87	
Motihari ...	220	29·311	−·017	29·203	91·0	− 2·4	95	5 days	78·2	+0·5	73	5	81·9	88·6	79·2	82·7	·955	+·039	1·045	88	+ 5
Patna ...	178	29·347	−·011	29·237	92·1	− 3·6	100	4	78·6	−1·2	73	5	83·1	88·5	79·4	80·7	·942	+·025	·947	85	+ 8
Gaya ...	372	29·198	−·011	29·033	96·3	− 2·8	105	5	80·0	−0·7	73	30	86·1	91·5	79·3	80·5	·934	−·009	·906	74	+ 1
Naya Dumka ...	489	29·042	−·008	28·959	90·4	− 2·8	95	5	78·6	+0·5	74	28	82·2	84·8	78·9	80·3	·942	+·043	·961	86	+ 6
Sabour ...	122	29·415		29·318	89·9		94	4, 22, 24	78·7		75	1, 3, 26	82·8	85·9	80·0	80·9	·981		·988	88	
United Provinces, East																					
Gonda ...	360	29·158		29·048	91·9		100	5	79·0		71	2	83·1	89·5	79·1	81·1	·935		·940	83	
Gorakhpur ...	257	29·267	−·009	29·158	91·7	− 5·1	98	5	78·6	−0·6	73	3	82·8	88·8	78·9	81·2	·935	+·033	·954	84	+ 7
Benares ...	250	29·252	−·011	29·138	96·1	− 4·2	105	2, 5	80·5	−1·3	77	4 days	85·7	92·0	79·2	80·7	·901	+·048	·900	75	+ 7
Allahabad ...	309	29·185	−·014	29·069	96·6	− 5·5	109	5	80·6	−2·1	76	23	84·9	93·0	78·4	80·1	·869	+·075	·845	75	+14
Fatehpur ...	375	29·105		28·991	97·4		110	1	81·1		76	19	86·0	92·5	79·7	81·5	·934		·906	76	
Cawnpore ...	416	29·068	−·025	28·967	97·1	− 5·2	111	1	81·1	−1·6	76	12, 13	85·0	93·5	78·7	80·3	·901	+·097	·845	76	+15
Lucknow ...	371	29·116	−·025	29·010	94·8	− 6·6	105	5	79·5	−2·1	72	2	84·1	91·4	79·2	81·4	·921	+·100	·920	81	+17
Bahraich ...	407	29·101	−·015	29·007	91·5	− 6·6	100	5	78·5	−1·2	71	2	82·5	89·3	78·6	80·7	·935	+·061	·940	84	+12
United Provinces, West																					
Jhansi ...	824	28·673	−·037	28·583	96·3	− 7·5	110	1	79·5	−5·1	73	7, 27	85·3	90·1	77·8	78·6	·855	+·096	·844	71	+16
Agra ...	554	28·929	−·027	28·826	99·9	− 4·8	112	1	82·9	0	77	14, 21, 22	88·7	94·5	78·4	78·2	·815	+·153	·793	63	+20
Mainpuri ...	516	28·965	−·026	28·857	98·1	− 5·6	112	6	81·4	−1·3	76	2	86·7	94·2	79·2	80·5	·887	+·108	·872	71	+13
Aligarh ...	615	28·864		28·759	97·5		111	1, 6	81·2		73	22	86·5	93·8	77·8	78·4	·842		·747	67	
Bareilly ...	568	28·916	−·033	28·803	94·5	− 5·5	105	1	78·6	−1·6	71	2	83·5	91·4	78·8	80·5	·928	+·089	·906	81	+12
Roorkee ...	899	28·600	−·026	28·482	95·5	− 5·3	107	1	77·6	−1·2	68	2	84·7	93·8	76·8	78·5	·825	+·109	·793	69	+ 9
Dehra Dun ...	2,289	27·320	−·026	27·227	90·2	− 3·4	99	1, 6	73·5	−1·0	69	12, 16	79·8	87·5	73·8	76·1	·762	+·119	·751	75	+11
Punjab, East and North																					
New Delhi ...	714	28·769	−·030	28·661	99·8		113	6	81·8		75	26	86·9	95·3	77·8	77·6	·835		·720	66	
Hansi ...	711	28·761			100·9		110	1, 2	81·7		73	20	88·1		77·5		·784			61	
Hissar ...	725	28·755	−·007	28·648	101·6	− 4·8	109	6, 7	81·2	−1·3	72	20	89·0	96·7	78·6	78·9	·847	+·174	·761	62	+13
Ambala ...	892	28·606	−·014	28·487	99·8	− 2·9	110	1	79·4	−0·9	75	8, 9, 10	86·5	95·7	76·6	77·9	·806	+·076	·730	64	+ 5
Ludhiana ...	812	28·675	−·014	28·589	100·3	− 4·4	114	1	79·8	−1·4	72	18, 19	87·2	96·8	76·8	77·9	·784	+·116	·717	62	+10
Lahore ...	702	28·761	−·021	28·663	99·4	− 6·8	114	1, 7	79·2	+0·5	70	18, 19	86·2	97·7	77·1	79·5	·804	+·157	·761	67	+20
Sialkot ...	890	28·649	−·013	28·542	97·6	− 7·5	113	1	77·0	−3·7	67	18	84·5	96·0	75·5	78·4	·753	+·100	·736	66	+17
Rawalpindi ...	1,674	27·835	−·022	27·740	96·6	− 7·0	111	1	74·5	−1·2	68	11, 13	83·2	95·0	71·9	75·8	·639	+·065	·656	59	+14
Punjab, Southwest																					
Khushab ...	612	28·843	−·025	28·738	101·1	− 6·2	116	7	81·5	− 1·0	72	13	87·2	99·8	76·3	77·5	·747	+·145	·621	61	+19
Lyallpur ...	605	28·834	−·016	28·746	100·3	− 5·8	114	7	81·6	0	71	11	88·3	98·4	77·3	78·2	·777	+·134	·686	61	+14
Montgomery ...	558	28·889	−·018	28·789	102·4	− 6·3	116	1	82·5	− 1·4	73	14	87·8	99·8							
Multan ...	413	23·008	−·030	28·912	105·4	− 0·6	116	1	85·1	+ 0·5	78	19	91·1	103·9	80·5	81·3	·913	+·115	·750	62	+ 2
Fort Abbas ...	475	28·966		28·856	107·4		117	1	85·8		75	14	92·3	104·3	79·1	79·3	·813		·650	54	
Bahawalpur ...	384	29·042		28·926	106·3		113	8	85·4		77	20	92·6	104·9	80·9	82·4	·900		·785	59	
Khanpur ...	297	29·135		29·016	108·9		115	1	85·1		79	13, 19	91·2	107·7	80·0	81·8	·873		·737	60	

Cloud amount (10ths of sky).		Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																	STATION.
										8 hrs. L. M. T.										17 hrs. I. S. T.									
Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																												Orissa
+ 3·2	8·9	11·24	+ 1·17	2·66	6	14	+ 2·4	6·3	+ 1·9	0	4	1	2	6	11	1	4	1	1	0	1	8	13	6	0	0	1	Balasore
	7·7	11·00	+ 2·18	2·10	6	17	+ 6·5	6·7		1	1	0	7	8	6	6	0	1	1	0	2	9	10	4	3	1	0	Chandbali
+ 1·7	7·9	8·05	+ 0·74	1·40	6	13	+ 4·9	14·4	+ 3·4	1	2	3	0	3	10	7	3	1	0	1	0	2	12	12	3	0	0	Puri
+ 2·1	7·2	5·47	− 0·35	2·23	7	8	+ 0·1	10·6	− 0·1	2	0	0	1	18	3	1	4	1	1	1	1	2	22	2	1	0	0	Gopalpur
+ 1·1	8·4	8·31	− 1·77	1·67	12	13	+ 1·4	3·8	+ 1·0	0	1	1	1	0	6	7	1	13	0	0	2	2	5	13	4	1	3	Cuttack
+ 1·2	8·6	7·13	− 1·72	1·77	18	9	− 4·1	5·2[b]	− 0·2	1	2	5	1	2	1	6	5	7	1	2	3	4	4	3	8	4	1	Angul
+ 1·6	9·1	9·72	− 1·20	2·74	12	15	+ 4·0	4·5	+ 0·6	0	2	0	2	6	15	4	0	1	0	2	3	0	5	10	4	4	2	Sambalpur
																												Chota Nagpur
		7·70		1·80	12	11		5·3		0	0	6	5	0	7	8	1	3										Jamshedpur
+ 2·6	9·6	5·52	− 3·24	1·20	18	11	− 0·7	3·3	+ 0·9	0	6	1	2	2	7	6	4	2	0	0	2	2	6	6	2	2	10	Chaibasa
+ 2·4	8·8	7·21	− 2·47	1·48	3	15	+ 2·8	5·6	− 0·5	1	2	3	4	5	10	3	0	2	1	3	7	4	6	3	1	3	2	Ranchi
+ 0·5	8·9	5·53	− 3·60	1·16	1, 19	14	+ 2·9	6·7	− 0·1	1	0	4	3	6	4	7	4	1	1	0	3	9	3	3	5	3	3	Hazaribagh
+ 3·0	8·6	7·32	+ 0·70	2·20	13	11	+ 2·0	5·1	+ 0·8	1	0	7	2	1	4	12	0	3	0	0	11	2	5	2	8	2	0	Daltonganj
																												Bihar
+ 2·1	7·2	21·85	+10·75	3·47	26	21	+ 9·0	3·0	+ 0·2	0	5	9	6	1	1	2	1	5	1	4	9	6	0	3	1	1	5	Purnea
+ 2·2	5·9	18·91		5·21	28	13		4·1	− 0·2	0	4	9	5	1	0	2	0	9	0	1	16	2	0	0	0	0	11	Darbhanga
+ 3·2	5·8	16·13	+ 6·94	7·27	28	11	+ 1·2	4·2		1	1	8	9	2	1	3	0	5	0	2	13	9	1	0	3	0	2	Motihari
+ 2·9	8·3	14·73	+ 6·61	3·20	24	18	+ 9·9	5·8	+ 1·0	0	4	3	7	3	4	3	1	0	0	12	9	1	0	0	4	3	1	Patna
+ 1·3	6·4	7·22	− 0·17	1·20	16	10	+ 1·8	6·0	+ 2·7	1	1	10	7	2	4	3	2	0	0	4	6	7	1	4	2	6	0	Gaya
+ 0·7	6·2	11·90	+ 1·89	3·23	28	10	− 2·2	2·5	− 0·1	0	3	0	14	0	5	0	3	5	0	0	0	16	0	4	0	3	7	Naya Dumka
	8·2	11·04	+ 3·14	4·52	23	11	+ 0·7	4·0		0	1	7	10	2	3	5	1	1	0	2	6	9	2	1	6	0	4	Sabour
																												United Provinces, East
	5·6	20·23		5·03	18	11		5·4		1	3	14	7	0	0	4	1	0	1	1	14	5	1	1	4	3	0	Gonda
+ 3·8	6·6	10·98	+ 3·57	3·20	5	14	+ 5·9	2·7		0	2	11	4	0	1	4	0	8	1	1	12	1	0	1	4	0	10	Gorakhpur
+ 2·3	8·2	9·08	+ 4·09	2·25	27	10	+ 3·8	6·8	+ 3·2	0	3	6	5	3	6	5	2	0	3	9	4	2	0	2	4	4	2	Benares
+ 1·8	6·6	7·96	+ 3·00	2·64	23	12	+ 6·6	6·7	+ 1·7	1	0	9	2	1	9	7	0	1	2	5	10	2	2	1	4	2	2	Allahabad
	6·7	5·37		1·02	22	11		5·2		0	1	4	6	4	3	6	3	3	0	5	8	0	1	1	1	8	6	Fatehpur
+ 2·4	5·1	9·63	+ 6·36	3·81	18	8	+ 3·6	4·6	+ 1·2	2	5	5	3	2	5	7	0	1	4	3	7	2	2	1	3	4	4	Cawnpore
+ 2·8	6·0	13·16	+ 8·69	2·42	12	11	+ 5·5	1·8	− 1·0	0	0	12	1	1	2	4	0	10	0	1	9	0	0	0	3	0	17	Lucknow
+ 4·2	6·8	15·19	+ 9·17	2·27	27	13	+ 6·2	2·9	− 0·3	1	1	14	8	0	2	0	0	4	1	0	4	9	1	4	1	0	10	Bahraich
																												United Provinces, West
+ 2·3	6·3	9·64	+ 5·34	1·66	13	15	+ 9·6	5·7	+ 0·8	1	3	2	1	1	12	7	1	2	3	10	0	1	0	4	5	3	4	Jhansi
+ 2·4	6·3	0·82	− 1·53	0·27	26	2	− 1·8	5·1	+ 0·2	0	4	5	5	0	3	7	0	6	6	7	4	2	1	2	5	3	0	Agra
+ 1·6	6·0	4·50	+ 2·02	2·13	22	10	+ 6·0	4·2	+ 1·8	0	5	9	4	1	3	4	2	2	3	7	6	2	2	2	4	1	3	Mainpuri
	3·2	7·48		2·84	22	4		5·6		1	3	12	6	0	0	7	1	0	5	2	8	4	1	2	3	4	1	Aligarh
+ 2·3	5·7[d]	11·44	+ 6·80	2·72	21	13	+ 7·7	5·3	+ 2·7	2	3	12	3	0	1	1	0	8	3	5	12	1	0	4	1	2	2	Bareilly
+ 3·1	4·5[b]	2·90	− 2·02	0·90	2	6	+ 0·4	4·4	+ 1·6	0	1	0	20	2	0	0	5	2	0	1	0	12	1	3	0	10	3	Roorkee
+ 2·2	5·4	14·77	+ 5·98	3·08	26	11	+ 1·3	2·2	+ 1·0	0	1	0	4	0	7	9	5	4	1	2	0	2	0	5	10	5	5	Dehra Dun
																												Punjab, East and North
+ 0·8	5·2[b]	1·85	− 1·14	1·28	26	4	0	8·7[b]	+ 4·8	0	1	9	11	0	0	7	1	1	4	4	6	4	1	2	3	5	1	New Delhi
		2·51		0·65	20	4				1	0	14	1	0	0	8	1	5										Hansi
+ 0·3	2·7	2·08	+ 0·81	0·79	20	6	+ 3·2	6·4	+ 0·7	3	1	9	5	1	4	5	0	2	1	2	10	2	2	3	5	3	2	Hissar
+ 3·2	6·3[f]	3·41	− 0·34	2·32	9	4	− 1·0	5·6	+ 2·4	1	2	13	9	0	0	3	1	1	2	1	9	6	0	0	3	7	2	Ambala
+ 3·1	3·6	2·10	− 0·43	0·46	9	6	+ 2·4	3·7	+ 1·7	3	1	4	9	5	2	2	0	4	6	4	1	2	4	0	3	7	3	Ludhiana
+ 2·5	2·1	5·27	+ 3·59	2·50	19	7	+ 4·1	3·2	+ 0·6	1	5	5	12	2	2	1	1	1	1	5	4	3	4	3	2	0	8	Lahore
+ 2·5	2·0	6·93	+ 4·47	1·52	8	7	+ 3·4	3·5	+ 1·1	0	7	5	8	1	1	0	2	6	0	2	1	5	0	6	0	10	6	Sialkot
+ 3·7	4·9	13·55	+11·31	3·16	25	10	+ 6·5	3·2	+ 1·0	0	8	2	4	1	2	0	2	11	0	5	1	6	0	6	0	4	8	Rawalpindi
																												Punjab, Southwest
+ 2·7	2·5[b]	5·22	+ 3·85	3·52	11	6	+ 3·6	8·1	+ 2·6	1	13	10	2	2	1	0	0	1	0	7	10	7	5	1	0	0	0	Khushab
+ 0·8	1·8	4·51	+ 3·37	3·45	11	5	+ 3·1	3·7	+ 0·7	1	4	10	7	3	3	0	0	2	0	5	7	6	2	2	0	0	8	Lyallpur
+ 0·3	1·4	2·07	+ 1·19	1·67	14	2	+ 0·6	2·3	− 4·4	3	2	4	5	1	3	4	0	8	1	5	4	1	1	5	0	2	11	Montgomery
+ 0·6	2·2	1·18	+ 0·56	1·07	19	2	+ 0·8	5·2	+ 3·0	4	1	0	2	12	3	0	3	0	4	5	0	3	3	5	1	3	1	Multan
	4·0[c]	2·68		1·56	14	2		11·6[c]		1	0	2	3	3	11	3	1	0	4	4	0	3	4	11	3	0	1	Fort Abbas
	2·1	0	− 0·60	0		0	− 1·8	5·1		1	1	3	0	3	17	3	0	2	0	5	3	0	1	7	5	1	3	Bahawalpur
	1·9[c]	0	− 0·34	0		0	− 1·6	7·7		1	2	3	0	3	16	4	1	0	1	3	0	0	0	15	3	4	4	Khanpur

b—Mean of 29 days. *c*—Mean of 28 days. *d*—Mean of 27 days. *e*—Mean of 25 days. *f*—Mean of 26 days.

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature. °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Relative humidity %	
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Kashmir																					
Srinagar ...	5,205	24·653	−·049	24·572	68·0	− 2·4	93	6	59·6	+ 2·2	54	1, 18	69·4	80·3	62·2	65·1	·481	−·049	·458	67	− 13
Gulmarg ...	8,569	21·768	+·005		66·8	− 0·8	79	8	46·1	+ 1·5	40	14	59·9		53·1		·340	−·043		69	− 4
Muzaffarabad ...	2,343	27·168	−·036		95·3	− 2·7	107	6	71·6	− 0·3	65	13, 14	77·0		68·0		·563	+·062		61	+13
Dras ...	10,059	20·732	+·009		69·2	− 3·2	75	8, 24, 25	45·6	+ 3·5	39	2	57·3		49·3		·277	+·009		61	+ 2
Leh ...	11,503	19·622	−·032		70·2	− 1·9	80	8	47·0	+ 2·6	40	21	56·4		44·9		·198	+·020		44	+ 2
Skardu ...	7,505				81·5	+ 0·4	92	25	58·5	+ 1·8	50	15, 21	66·2		57·5		·376	+·080		60	+13
Gilgit ...	4,890				87·2	− 5·8	96	26	68·0	+ 0·9	58	20	72·8		62·4		·433	+·024		56	+11
N.-W. F. Province																					
Peshawar ...	1,164	28·327	−·024	28·216	100·7	− 4·1	111	1, 2	77·6	+ 0·3	70	19	87·3	97·6	73·7	74·7	·668	+·197	·576	50	+17
Miranshah ...	3,026				96·6		108	1	78·8		70	20	84·7		71·2		·599			50	
Dera Ismail Khan...	570	28·869	−·018	28·765	103·3	− 4·5	114	1, 2	84·9	+ 3·4	73	13	89·9	100·4	77·9	79·5	·794	+·018	·704	57	+ 3
Baluchistan																					
Fort Sandeman ...	4,614	25·144	−·042	25·049	99·1	− 0·8	107	8	74·5	+ 2·0	62	19	81·8	96·0	67·9	68·5	·520	+·139	·386	49	+16
Sibi ...	441	28·977			118·2		119	8	90·4		82	19	96·6		76·4		·625			38	
Quetta ...	5,540	24·359	−·047	24·292	91·5		97	7	60·0		51	1, 2, 10	78·7	89·2	63·5	64·4	·417		·332	43	
Chaman ...	4,311	25·410	−·038	25·347	98·6	− 0·4	105	7	73·5	+ 1·6	65	14	84·4	97·1	63·2	67·8	·331	+·024	·340	29	+ 6
Kalat ...	6,616	23·488	−·005		89·9	− 0·9	97	7	57·4	+ 7·3	46	14	78·7		62·2		·381	+·074		40	− 2
Dalbandin ...	2,780	26·780	−·055	26·697	107·4	+ 0·1	112	6	73·5	+ 0·5	66	1, 14	91·6	105·9							
Nokkundi ...	2,229	27·277		27·189	108·4		115	5, 6	81·9		70	14	93·5	106·5	65·2[l]	65·8[m]	·279		·144[m]	18[l]	
Las Bela ...	292	29·190		29·063	106·4		117	14, 30	81·9		72	21	88·5	101·8	81·3	83·2	·961		·875	72	
Ormara ...	15	29·489		29·393	93·7		105	14	83·6		80	5	86·6	90·3	80·3	80·6	·934		·927	75	
Pasni ...	10	29·494	−·041	29·400	93·7	− 0·6	107	14	81·3	+ 2·9	77	18	87·5	90·3	81·7	83·4	1·009	+·042	1·031	77	− 1
Panjgur ...	3,177	26·452	−·031	26·361	102·1	− 0·8	106	6, 7	75·3	+ 1·0	69	14	85·0	100·7	71·0[b]	72·4[f]	·594	+·055	·456[f]	50[b]	+ 4
Gwador ...	89	29·467		29·381	92·5		99	14	81·7		76	29	86·1	89·6	81·7	82·7	1·030		1·034	82	
Sind																					
Jacobabad ...	186	29·208	−·059	29·092	111·7	− 2·4	116	5 days	87·2	+ 2·5	80	1	92·2	110·9	83·0	85·7	1·004	+·138	·899	66	+ 9
Sukkur ...	221	29·188			107·2		112	8, 23	85·9		83	4 days	88·5		79·6		·900			67	
Naushahro ...	140	29·252		29·147	113·7		120	29	85·8		79	19	94·5	113·1	79·1	78·3	·779		·521	49	
Chhor ...	19	29·458		29·341	103·8		110	5	81·1		75	12	88·6	101·7	81·3	83·4	·954		·875	72	
Hyderabad ...	96	29·368	−·032	29·270	104·1	− 0·2	109	10	83·4	+ 1·5	76	12	89·5	101·6	79·7	81·0	·886	+·069	·777	64	+ 1
Karachi (Drigh Road)	77	29·415		29·339	95·3		100	9	83·4		77	12	87·8	90·8	80·4	81·1	·920		·927	71	
Karachi (Manora)...	18	29·484	−·044	29·417	91·0	+ 0·5	94	7	83·6	+ 1·5	80	12	86·7	89·2	82·8	84·2	1·072	+·092	1·095	84	+ 4
Badin ...	37	29·458		29·357	101·2		106	10	81·9		76	12	87·9	97·9	79·7	80·1	·913		·778	68	
Rajputana, West																					
Sri Ganganagar ...	580	28·868		28·765	103·8		116	1	82·0		73	14	89·5	99·5	77·5	77·9	·763		·666	59	
Bikaner ...	734	28·734	−·028	28·603	105·2		114	11	83·9		75	15, 26	89·7	103·1	78·4	78·8	·801		·679	59	
Jodhpur ...	780	28·732	−·034	28·615	101·6	− 2·2	111	8	82·5	+ 0·3	73	26	86·6	99·3	78·1	76·7	·842	+·121	·730	68	+11
Barmer ...	638	28·862		28·742	101·5		110	8	80·9		74	25	86·0	101·1	77·9	80·3	·849		·737	69	
Rajputana, East																					
Jaipur ...	1,431	28·092	−·040	27·992	97·2	− 5·7	108	1	78·8	− 1·4	72	3	85·0	92·6	76·7	76·8	·819	+·141	·724	67	+15
Ajmer ...	1,593	27·923	−·065	27·823	96·9	− 3·7	104	1, 5	79·3	− 2·4	71	26	84·2	93·4	75·6	75·8	·786	+·045	·675	66	+ 5
Kotah ...	843	28·656	−·050	28·570	96·9	− 8·1	108	1, 5	79·7	− 5·9	71	2	85·4	91·5	77·8	78·4	·855	+·170	·793	70	+21
Brijnagar ...	1,053	28·460		28·368	94·0		107	1	77·1		73	2, 21	82·3	88·3	77·1	78·5	·863		·862	78	
Gujarat																					
Deesa ...	466	29·080	−·048	28·970	97·8	− 4·4	103	8, 20	80·4	− 0·1	74	23	84·3	95·4	77·8	78·4	·869	+·047	·727	73	+ 5
Bhuj ...	343	29·195	−·036	29·106	94·8	− 2·6	101	4, 5, 8	80·4	+ 0·5	73	10, 11	84·5	92·2	77·8	78·2	·869	−·033	·767	73	0
Dwarka ...	37	29·513	−·052	29·451	88·4	− 0·8	92	9	82·1	0	74	10	84·6	86·4	79·5	80·1	·921	−·042	·934	79	− 2
Jamnagar ...	60	29·488	−·045		92·9	− 3·1	98	4	79·3	− 0·7	72	10	85·6		79·6		·940	+·050		76	+ 6
Rajkot ...	482	29·127	−·044	29·036	95·3	− 4·4	102	2	78·4	+ 0·6	73	8	83·8	91·3	77·7	78·1	·876	+·008	·781	75	+ 2
Veraval ...	19	29·563	−·043	29·499	87·2	+ 1·1	91	3	81·4	+ 0·2	75	8	83·8	85·3	81·1	81·9	1·022	+·054	1·043	88	+ 3
Surat ...	39	29·547	−·055	29·487	88·0	− 5·1	94	3	78·9	− 0·7	73	8	82·5	85·2	78·9	79·5	·942	+·021	·914	84	+ 6
Bhavnagar ...	55	29·527	−·044	29·423	95·0	− 4·6	103	20	79·6	− 0·6	75	24, 26	84·3	91·2	77·9	77·8	·869	−·032	·774	74	+ 1
Ahmadabad ...	163	29·404	−·046	29·292	95·2	− 6·1	101	20	79·5	− 1·4	75	10, 24	84·2	92·1	79·0	80·0	·921	+·068	·859	79	+ 9
Dohad ...	1,093	28·478			88·6		97	4	76·0		71	8	79·2		76·6		·892			88	
Baroda ...	115	29·462		29·364	92·0		99	2	78·4		74	3, 26	82·7	88·2	78·3	78·9	·896		·860	82	

b—Mean of 29 days. *f*—Mean of 25 days. *l*—Mean of 19 days. *m*—Mean of 13 days.

Cloud amount (tenths of sky).		Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																	STATION.
										8 hrs. L. M. T.										17 hrs. I. S. T.									
Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																												Kashmir
+ 1·9	4·6	2·82	+ 1·34	1·10	18	3	− 0·6	2·8	+ 0·1	2	1	1	6	7	2	5	5	1	5	5	1	5	3	3	1	5	2	Srinagar
+ 2·3		5·69	+ 2·24	2·15	14	7	− 1·7	3·9	+ 0·2	9	6	2	2	1	1	5	1	3										Gulmarg
− 0·6		6·44	+ 3·82	2·55	25	13	+ 7·7	3·7	+ 1·7	5	0	0	0	2	1	0	0	22										Muzaffarabad
+ 0·7		0·92	+ 0·34	0·43	18	3	+ 0·9	7·0	+ 2·6	0	0	0	0	0	0	0	0	30										Dras
+ 1·0		0·08	− 0·10	0·08	19	0	− 0·7	4·0	+ 1·8	0	2	1	0	6	3	0	0	18										Leh
+ 1·2		0·17	− 0·10	0·08	14	0	− 0·7	4·9	− 0·3	0	0	1	0	0	4	5	0	20										Skardu
+ 2·3		0·64	+ 0·29	0·21	20	3	+ 1·8	0·2	− 1·0	0	0	0	0	0	0	1	0	29										Gilgit
																												N.-W. F. Province
+ 0·6	4·4	0·72	+ 0·36	0·37	18	2	+ 1·0	2·6	0	8	4	1	5	1	1	0	3	7	1	15	5	3	1	1	0	0	4	Peshawar
		0·05		0·03	19	0		6·3		0	1	3	4	0	6	1	1	14										Miranshah
+ 1·6	2·5	1·41	+ 0·74	1·22	13	2	+ 0·7	3·6	+ 1·7	3	11	5	1	1	0	0	1	8	4	7	4	3	3	1	1	0	7	Dera Ismail Khan
																												Baluchistan
+ 0·1	3·6	0·87	+ 0·26	0·74	19	2	+ 0·9	3·9	+ 0·8	1	1	1	0	0	2	2	0	23	1	2	7	1	2	3	9	1	4	Fort Sandeman
		0		0		0		6·9		0	1	2	3	5	10	2	1	6										Sibi
+ 0·9	3·4	0·01		0·01	20	0		5·2		4	4	0	1	9	7	1	2	2	6	2	0	0	4	2	7	9	0	Quetta
+ 0·1	0·3	0	− 0·02	0		0	0	7·6	+ 1·9	1	1	1	1	7	12	4	3	0	0	0	0	0	4	13	6	7	0	Chaman
+ 1·4		0·13	− 0·09	0·11	20	1	+ 0·5	4·8	− 0·2	2	0	0	4	9	2	0	3	10										Kalat
+ 0·3	1·5[b]	0	− 0·01	0		0	− 0·1	3·5	− 1·9	0	1	1	0	0	4	3	0	21	2	2	2	1	3	4	5	5	6	Dalbandin
	0·2[d]	0		0		0		13·9		12	1	2	8	2	0	0	5	0	14	0	1	1	0	0	2	12	0	Nokkundi
	3·2	1·10		0·98	21	2		3·9		1	1	2	3	3	2	0	0	18	0	0	4	4	21	0	0	1	0	Las Bela
	0·4[b]	0		0		0		12·2		0	0	1	0	1	11	14	3	0	0	0	0	3	4	12	11	0	0	Ormara
+ 1·1	1·2	0	− 0·37	0		0	− 0·3	8·3	+ 1·0	1	2	2	4	1	4	8	5	3	0	0	0	3	3	13	11	0	0	Pasni
+ 1·1	1·4	0	− 0·10	0		0	− 0·3	6·3	+ 1·1	3	4	0	0	2	4	3	6	8	11	4	0	0	0	4	4	6	1	Panjgur
	2·7[e]	0		0		0				0	3	9	1	3	5	2	1	6	0	0	0	3	14	11	2	0	0	Gwador
																												Sind
+ 2·7	1·2	0	− 0·20	0		0	− 0·4	6·4	+ 2·6	0	5	0	21	0	4	0	0	0	0	1	0	21	3	5	0	0	0	Jacobabad
		0		0		0		5·1		1	1	0	14	4	7	0	1	2										Sukkur
	0·8	0	− 0·35	0		0	− 0·5	3·6		1	4	0	0	5	19	1	0	0	0	2	2	1	0	24	0	1	0	Naushahro
	1·3							11·8		0	0	0	0	15	14	1	0	0	0	0	0	1	12	14	3	0	0	Chhor
+ 2·3	2·2	1·51	+ 1·06	1·51	12	1	+ 0·3	11·6	+ 0·3	0	0	0	0	6	15	8	0	1	0	0	0	0	11	18	1	0	0	Hyderabad
	5·4	0·34		0·34	12	1		16·7		0	0	0	0	0	10	16	3	1	0	0	0	0	1	21	8	0	0	Karachi (Drigh Road)
+ 0·2	5·1	0·06	− 0·80	0·06	12	0	− 0·6	14·2	+ 1·7	0	0	0	0	0	11	15	4	0	0	0	0	0	1	20	9	0	0	Karachi (Manora)
	1·0	0·22		0·22	12	1		14·6		0	0	1	0	0	2	27	0	0	0	0	0	0	3	4	21	1	1	Badin
																												Rajputana, West
	1·2	6·54		3·90	14	3		9·9		0	1	3	8	3	8	6	1	0	2	6	6	3	0	7	3	3	0	Sri Ganganagar
+ 2·0	5·5	0·71		0·20	15	4		7·3	+ 0·1	0	2	0	1	0	14	11	2	0	1	4	0	2	1	12	6	3	1	Bikaner
+ 2·9	5·2	6·03	+ 4·63	1·95	26	6	+ 3·9	7·8	+ 1·8	1	1	0	0	2	18	8	0	0	3	0	0	5	3	14	3	2	0	Jodhpur
	2·9	2·25		1·53	10	4		8·1		0	0	0	1	6	13	6	1	3	0	0	2	3	7	12	3	1	2	Barmer
																												Rajputana, East
+ 1·1	5·7	4·41	+ 2·11	1·11	9	9	+ 5·2	4·4	− 1·7	0	1	4	1	0	1	10	7	6	2	4	3	5	0	3	5	6	2	Jaipur
+ 2·7	5·7[e]	3·94	+ 1·53	2·75	7	4	+ 1·5	4·4	− 2·8	0	0	0	0	0	7	12	1	10	2	1	1	3	1	4	6	2	10	Ajmer
+ 4·1	7·4	6·22	+ 3·23	1·55	2	12	+ 7·9	3·7	− 1·3	0	1	3	1	0	9	12	3	1	1	3	0	1	0	9	4	3	9	Kotah
	6·8	8·27		1·26	13	16		5·3		2	1	0	0	0	11	11	5	0	1	1	3	3	1	9	6	4	2	Brijnagar
																												Gujarat
− 0·7	4·1	2·60	+ 0·42	1·30	8	4	+ 0·9	7·0	− 4·8	0	0	1	1	9	10	4	1	4	0	0	0	3	8	10	3	1	5	Deesa
+ 1·8	6·4	4·66	+ 2·87	2·58	10	3	+ 0·7	8·9	− 3·4	0	1	0	1	1	8	12	1	6	0	0	1	1	5	12	9	0	2	Bhuj
+ 3·5	8·1	4·64	+ 2·50	1·38	12	8	+ 5·7	15·0	+ 1·9	3	2	0	0	2	13	9	1	0	1	1	0	0	3	16	9	0	0	Dwarka
+ 3·2		7·42	+ 4·61	3·70	10	7	+ 4·0	6·5	− 8·8	1	1	0	0	1	10	10	0	7										Jamnagar
+ 3·4	9·4	7·80	+ 3·49	3·58	14	8	+ 3·0	13·2	+ 2·3	0	0	0	3	3	10	12	1	1	0	0	0	1	4	11	7	6	1	Rajkot
+ 3·1	9·1	7·91	+ 3·44	2·92	10	9	+ 4·7	11·2	+ 1·2	1	1	0	1	2	5	17	3	0	0	0	0	0	6	9	12	3	0	Veraval
+ 2·2	8·1	20·34	+12·00	6·69	14	18	+10·0	7·4	− 0·6	0	1	1	3	6	11	6	2	0	0	0	0	2	11	13	4	0	0	Surat
+ 3·0	9·1	6·21	+ 2·05	3·15	14	8	+ 3·2	6·9	− 1·5	1	0	0	1	1	10	14	3	0	1	0	0	2	5	12	7	3	0	Bhavnagar
+ 2·4	8·0	7·83	+ 3·50	2·08	13	9	+ 3·9	5·3	− 0·2	0	1	0	1	5	11	9	2	1	0	1	0	0	7	11	7	3	1	Ahmadabad
		5·02		0·91	8	10				0	0	1	0	2	3	23	0	1										Dohad
	6·3	10·17		2·07	11	12		5·1		0	0	0	4	8	11	5	2	0	1	0	0	0	5	14	5	0	5	Baroda

b—Mean of 29 days. d—Mean of 27 days. e—Mean of 26 days. g—Mean of 24 days.

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Relative humidity %	
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Central India, West																					
Neemuch ...	1,626	27·918	−·062	27·851	91·4	− 7·0	101	1	75·1	−2·5	71	24	80·3	86·5	75·2	76·0	·799	+·034	·753	78	+10
Indore ...	1,823	27·752	−·052	27·671	86·8	− 8·5	97	4	72·9	−2·7	70	2, 6, 8	76·8	83·4	73·3	74·6	·763	+·007	·745	84	+12
Bhopal ...	1,643	27·919		27·823	88·5		98	5	73·7		71	6, 9, 19	77·7	84·6	74·4	76·1	·791		·781	85	
Guna ...	1,571	27·968		27·880	91·2		104	1	75·4		72	13, 14	80·7	86·0	76·0	76·9	·835		·804	81	
Central India, East																					
Nowgong ...	750	28·757	−·019	28·649	95·9	− 6·4	107	1	79·6	−3·2	75	15, 16	84·8	87·1	75·8	81·9	·781	+·042	1·023	78	+21
Sutna ...	1,041	28·463	−·020	28·357	94·8	− 4·9	107	1	77·8	−4·0	73	16, 18	83·3	89·5	77·7	79·3	·882	+·178	·853	78	+22
Umaria ...	1,506	28·035		27·938	92·1		111	3	76·7		73	17, 18	80·9	86·8	75·9	77·4	·828		·797	79	
Berar																					
Akola ...	925	28·652	−·041	28·546	90·0	− 8·8	101	2	74·9	−3·1	71	20	78·4	86·5	75·0	76·8	·819	+·081	·797	85	+20
Amraoti ...	1,213	28·358	−·040		88·7	− 9·1	101	2	74·5	−2·9	70	23	78·1		74·3		·784	+·040		83	+15
Central Provinces, West																					
Khandwa ...	1,044	28·521	−·047	28·430	89·7	− 8·6	101	2	74·7	−4·1	70	19	79·1	85·6	76·1	77·5	·855	+·118	·818	85	+19
Hoshangabad ...	992	28·556	−·044	28·452	90·0	− 9·1	100	1, 4	74·8	−4·3	71	1, 9	78·5	85·4	75·6	77·3	·855	+·102	·818	88	+22
Saugor ...	1,808	27·734	−·038	27·653	88·0	−10·4	101	1	74·0	−4·1	70	1	78·3	81·5	74·2	74·9	·784	+·101	·779	82	+21
Jubbulpore ...	1,289	28·250	−·018	28·152	90·6	− 7·2	104	2	75·8	−2·9	70	8	79·3	87·1	75·5	77·7	·812	+·127	·828	83	+24
Seoni ...	2,027	27·551	−·024	27·468	87·8	− 7·0	100	1	72·7	−2·4	70	6, 19	77·5	82·1	73·3	74·5	·756	+·076	·765	82	+18
Nagpur ...	1,017	28·547	−·023	28·445	89·7	− 9·2	103	2	75·4	−3·6	70	6	79·8	85·3	76·1	78·0	·848	+·118	·855	84	+20
Central Provinces, East																					
Pendra ...	2,040	27·526	−·012	27·436	87·4	− 4·4	97	5	73·7	−1·1	71	5	77·8	82·5	74·2	75·5	·791	+·093	·772	84	+17
Raipur ...	970	28·572	−·020	28·478	90·8	− 6·5	104	3	75·9	−2·9	71	5, 22	80·0	85·0	75·9	77·1	·842	+·102	·818	83	+17
Kanker ...	1,318	28·261		28·169	86·4		97	4	75·4		70	5	79·1	84·5	74·3	75·9	·770		·781	79	
Chanda ...	634	28·962	−·006	28·840	90·9	− 8·1	103	2	76·1	−3·6	72	17	79·7	86·3	75·2	77·5	·806	+·063	·804	83	+20
Jagdalpur ...	1,813	27·794	−·006	27·709	85·0	− 7·0	92	7	72·4	−2·3	68	5	76·5	80·8	72·7	74·2	·756	−·008	·750	83	+10
Konkan																					
Bombay ...	37	29·604	−·039	29·543	85·7	− 2·6	90	3	77·4	−1·0	73	24	81·2	82·3	78·0	78·6	·916	−·011	·942	86	+ 4
Alibag ...	23	29·637			84·8		88	6	77·8		75	6 days	81·3		78·5		·948			87	
Ratnagiri ...	207	29·448	−·054	29·427	84·7	− 2·0	88	2	76·0	−1·3	71	8	80·3	81·2	77·6	77·8	·923	+·033	·910	88	+ 5
Marmagao ...	202	29·505	−·020	29·449	84·1		87	2	75·9		72	4, 8, 9	80·9	81·3	75·3	78·0	·792		·910	90	
Karwar ...	44	29·695	−·006	29·639	84·9	− 0·2	87	5 days	75·2	−1·0	73	6 days	80·5	81·9	77·2	77·9	·878	+·009	·903	86	+ 1
Bombay Deccan																					
Jalgaon ...	660	28·910			90·7		101	5	75·2		72	20, 26	79·3		75·5		·812			83	
Malegaon ...	1,430	28·166	−·050	28·082	88·2	− 7·8	95	6, 19	74·1	−1·0	71	20	79·1	83·9	73·5	74·1	·736	+·001	·703	76	+ 8
Ahmadnagar ...	2,154	27·501	−·042	27·426	84·7	− 7·3	92	6	71·0	−0·9	66	20	75·7	80·8	71·2	71·8	·697	−·001	·662	79	+ 6
Poona ...	1,834	27·826	−·033	27·762	82·6	− 6·4	94	3	72·4	−1·6	68	20	75·9	78·6	71·9	72·0	·733	+·031	·728	82	+10
Sholapur ...	1,570	28·094	−·022	27·993	86·8	− 4·8	96	1	71·9	−1·7	68	22	76·9	83·7	71·9	73·0	·721	+·042	·678	78	+10
Miraj ...	1,824	27·865		27·796	83·1		90	2	71·3		69	6, 27	75·7	79·7	71·3	71·4	·697		·643	80	
Inchalkaranji ...	1,795	27·693			84·2		91	2	70·9		68	8, 9	75·8		72·0		·720			83	
Bijapur ...	1,950	27·726	−·032	27·637	88·2	− 3·3	95	2, 4	71·1	−0·9	67	20	76·2	82·6	70·7	71·1	·683	−·019	·602	75	0
Belgaum ...	2,562	27·175	−·014	27·123	78·6	− 2·8	87	2	68·0	−0·2	64	26	71·7	72·9	69·9	70·2	·705	+·018	·698	91	+ 5
Gadag ...	2,131	27·590		27·520	85·6		92	1	70·6		68	21	75·7	80·1	70·8	71·4	·690		·644	77	
Hyderabad, North																					
Aurangabad ...	1,905	27·741	−·045	27·648	86·4	− 7·7	93	4 days	71·7	−1·1	69	26, 28	75·7	82·8	73·0	74·8	·776	+·077	·758	87	+17
Nizamabad ...	1,250	28·357	−·049	28·255	88·7	− 8·4	101	2	74·7	−2·4	69	21	77·7	84·6	72·8	75·4	·743	+·003	·745	78	+10
Hyderabad, South																					
Gulbarga ...	1,503	28·153	−·028	28·044	89·1	− 6·6	96	1, 15	72·8	−1·8	68	22	76·6	84·7	71·8	72·7	·716	+·007	·648	79	+ 7
Raichur ...	1,311	28·353	−·031	28·246	90·9	− 4·8	97	1	74·2	−0·9	71	8, 20, 23	78·6	87·1	72·8	73·8	·749	+·011	·656	75	+ 6
Hyderabad (Bgmt.)	1,778	27·863	−·022	27·774	88·2	− 5·9	95	2	72·7	−2·4	69	20, 21, 22	68·7	83·1	72·7	74·6	·756	+·011	·752	82	+ 8
Hanamkonda ...	877	28·725	−·027	28·631	89·6	− 7·0	98	2	75·8	−3·1	72	29	79·7	85·9	74·4	76·5	·764	+·062	·797	78	+18
Mysore																					
Chitaldrug ...	2,405	27·334	−·014	27·267	84·7	− 1·7	92	2	70·1	+0·1	69	4 days	74·2	79·6	69·6	70·6	·672	+·005	·636	78	0
Balehonnur ...	2,917	26·868			74·1		80	1	64·9		63	4, 7, 30	68·7		67·3		·655			93	
Hassan ...	3,149	26·659	−·011		80·3	− 0·2	89	2	66·7	+0·6	65	6 days	70·4		67·3		·629	−·013		85	+ 1
Bangalore ...	3,021	26·772	−·011	26·701	82·6	− 1·5	88	1	66·9	+0·4	65	22, 28, 29	70·7	77·6	66·7	68·1	·607	−·034	·556	81	− 2
Mysore ...	2,518	27·268	−·013	27·221	82·8	− 1·7	89	1, 2	67·5	−0·6	65	22	73·5	76·7	68·3	69·6	·616	−·041	·633	76	− 4

ıd amount ths of sky).		Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																	STATION.
										8 hrs. L. M. T.									17 hrs. I. S. T.									
Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																												Central India, West
+ 5·7	6·7	8.30 7·23	+3.88 +2·96	1.95	10	11	+ 6·0	9·3	− 0·3	0	1	0	0	0	23	6	0	0	1	5	1	1	0	10	9	1	2	Neemuch
− 0·9	8·1	16·11	+10·41	3·35	21	17	+ 9·5	3·1	− 2·5	0	1	0	0	1	9	15	4	0	0	0	0	0	2	10	11	4	3	Indore
	7·6	15·48		1·87	13	17		5·5		1	1	0	1	0	5	14	6	2	0	1	1	0	1	5	10	10	2	Bhopal
	6·0	9·70		2·37	13	14		5·9		1	1	1	0	2	6	11	4	4	1	2	0	1	2	5	6	3	10	Guna
																												Central India, East
+ 1·2	7·0	4·91	− 1·13	1·00	13	9	+ 2·9	5·0	+ 1·6	2	1	5	0	0	12	8	0	2	2	4	2	0	0	11	3	3	5	Nowgong
+ 0·8	6·6	11·43	+ 5·51	3·00	13	15	+ 8·6			0	1	4	2	2	10	9	2	0	2	2	4	3	1	7	8	3	0	Sutna
	9·0	12·07		2·83	23	16		4·3		1	1	2	2	2	3	8	8	3	1	2	1	3	5	5	6	4	3	Umaria
																												Berar
+ 0·7	6·7	10·93	+ 5·55	3·26	2	17	+ 9·0	8·1	+ 0·6	0	0	0	0	0	5	13	8	4	2	0	0	1	1	2	13	9	2	Akola
+ 1·6		10·16	+ 3·64	1·95	20	12	+ 3·3	9·1	+ 2·2	0	0	1	1	0	10	17	1	0										Amraoti
																												Central Provinces, West
+ 3·5	9·0	15·71	+10·29	2·76	21	17	+10·0	8·4		1	1	0	0	1	8	18	1	0	1	0	0	1	1	7	14	5	1	Khandwa
+ 4·1	8·4	15·81	+ 9·64	2·08	21	22	+13·8	4·3	+ 0·3	0	0	0	0	2	6	14	1	7	0	0	1	0	0	6	11	1	11	Hoshangabad
+ 3·6	7·7	13·09	+ 6·62	1·99	20	18	+ 9·9	12·3	+ 6·7	1	1	1	1	0	9	14	3	0	3	2	1	1	0	8	10	5	0	Saugor
+ 4·7	8·7	8·60	+ 1·28	1·88	7	16	+ 7·0	4·0	+ 0·5	0	0	0	1	1	11	5	0	12	4	1	0	1	2	12	2	1	7	Jubbulpore
+ 4·1	9·4	9·33	+ 0·07	3·02	19	14	+ 2·5	5·2	+ 0·8	3	2	0	3	1	2	5	9	5	3	3	0	2	2	5	8	4	3	Seoni
+ 2·6	8·8	13·83	+ 4·87	3·07	24	17	+ 6·7	3·2	− 3·0	0	1	2	1	1	6	10	1	8	0	0	2	2	0	4	8	3	11	Nagpur
																												Central Provinces, East
+ 2·8	7·6	5·24	− 3·29	1·10	25	11	− 1·2	6·0	+ 1·0	2	0	2	4	10	3	5	2	2	3	0	2	4	10	3	4	3	1	Pendra
+ 3·1	9·5	18·59	+ 9·58	3·40	5	13	+ 3·2	5·1	− 1·9	0	1	2	1	2	17	5	1	1	0	1	0	1	1	12	4	1	10	Raipur
	8·2	12·15		2·28	5	11		6·4		1	0	0	1	1	11	9	3	4	2	1	0	5	2	8	6	6	0	Kanker
+ 2·3	8·4	10·78	+ 3·12	1·90	9	16	+ 6·3	6·0	+ 1·0	1	0	1	0	4	14	6	0	4	1	0	0	1	3	6	6	4	9	Chanda
+ 2·7	9·3	9·96	+ 0·03	2·50	2	14	+ 3·0	4·2		0	0	0	1	0	9	17	0	3	1	0	0	0	3	9	15	0	2	Jagdalpur
																												Konkan
+ 1·5	9·2	31·24	+12·93	5·59	8	26	+11·7	8·8	− 4·5	1	1	0	1	3	7	13	4	0	0	0	0	0	0	9	17	4	0	Bombay
		39·46		4·90	8	22		17·3		0	0	1	6	7	12	0	4	0										Alibag
− 0·9	8·3	50·22	+21·40	11·13	19	27	+ 6·8	10·3	+ 2·5	0	1	0	1	1	20	6	1	0	1	0	0	1	1	19	1	7	0	Ratnagiri
− 0·5	8·0	19·60		3·11	9	24		17·3		0	0	1	1	1	11	14	2	0	0	0	0	0	0	9	18	3	0	Marmagao
− 0·6	6·6	29·28	− 7·75	5·63	3	28	+ 5·0	5·5	+ 1·5	1	2	0	5	3	17	0	2	0	1	4	0	1	1	19	0	4	0	Karwar
																												Bombay Deccan
		13·86		2·61	14	17				0	0	0	0	0	0	19	0	11										Jalgaon
+ 4·4	9·4	4·04	− 0·29	1·26	4	12	+ 5·2	8·2	− 1·8	0	1	1	1	1	11	14	1	0	1	0	1	0	0	11	13	3	1	Malegaon
+ 3·8	8·3	4·55	− 0·27	1·08	20	8	+ 0·7	7·2	− 2·3	0	0	0	0	1	11	11	5	2	1	0	0	0	0	7	13	9	0	Ahmadnagar
+ 2·5	8·6	6·06	+ 1·29	1·59	20	11	+ 3·4	6·9		0	0	0	0	2	9	18	1	0	0	0	0	0	0	5	23	2	0	Poona
− 0·1	7·1	8·96	+ 4·28	2·07	7	11	+ 4·4	8·6	− 1·9	0	0	0	1	0	11	14	4	0	3	0	0	0	2	6	13	6	0	Sholapur
	9·1	1·46		0·33	11	6		11·4		0	0	0	0	0	7	20	3	0	0	0	0	0	0	2	24	4	0	Miraj
		2·27		0·65	11	6		11·1		0	0	0	0	0	10	18	2	0										Inchalkaranji
+ 2·3	8·9	5·57	+ 2·29	2·36	7	5	− 0·5	9·7	+ 1·0	0	0	0	0	0	7	20	3	0	0	0	0	0	0	7	11	12	0	Bijapur
− 0·9	8·0	8·18	+ 0·04	0·93	18	20	+ 6·5	7·3	− 7·4	0	0	0	0	0	3	27	0	0	0	0	0	0	0	2	28	0	0	Belgaum
	7·7	1·18		0·60	21	3		13·4		0	0	0	0	0	10	20	0	0	0	0	0	0	0	8	19	3	0	Gadag
																												Hyderabad, North
+ 2·6	9·4	5·16	− 0·27	1·17	20	10	+ 2·5	12·4	+ 1·5	0	0	0	0	1	12	15	2	0	1	0	1	0	0	5	20	3	0	Aurangabad
+ 2·0	8·3	9·70	+ 4·31	1·35	7	15	+ 6·7	6·8	− 0·1	0	0	0	0	1	20	7	2	0	1	2	0	0	3	18	6	0	0	Nizamabad
																												Hyderabad, South
+ 1·8	8·2	7·47	+ 2·78	1·92	7	9	+ 1·8	12·9	+ 3·0	0	0	0	0	0	12	17	1	0	1	0	0	0	2	5	19	3	0	Gulbarga
+ 0·9	7·3	5·24	+ 1·68	1·50	19	9	+ 3·0	13·9	+ 3·5	0	0	0	0	5	19	5	1	0	4	0	0	1	2	9	5	9	0	Raichur
+ 2·1	8·6	4·06	− 0·87	1·27	7	8	+ 1·4	7·5	− 2·3	0	0	0	0	0	2	25	3	0	0	0	0	0	0	7	15	8	0	Hyderabad (Bgmt.)
− 1·5	7·4	9·58	+ 3·62	1·86	8	14	+ 6·0	8·1	+ 0·8	3	1	1	0	1	5	4	14	1	5	0	0	3	0	6	4	11	1	Hanamkonda
																												Mysore
+ 0·6	7·9	1·48	− 1·36	0·43	20	5	− 0·8	9·7	+ 2·2	0	0	0	0	0	10	19	1	0	0	0	0	0	0	9	18	3	0	Chitaldrug
		27·19		4·77	30	29		3·8		4	0	0	0	3	4	6	4	9										Balehonnur
+ 1·1		2·95	− 1·06	0·40	25	12	+ 1·9	8·7	+ 2·9	0	0	0	0	0	12	16	2	0										Hassan
+ 2·0	9·6	2·65	− 0·24	0·49	26	10	+ 4·2	12·6	+ 5·1	0	0	0	0	0	2	28	0	0	0	0	0	0	0	7	22	1	0	Bangalore
+ 0·9	9·3	1·43	− 1·50	0·29	18, 26	5	− 1·2	9·9	+ 0·3	0	0	0	0	1	12	17	0	0	0	0	0	0	0	8	22	0	0	Mysore

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Relative humidity %	
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Malabar																					
Mangalore ...	72	29·694	−·011	29·636	84·0	− 1·3	87	6 days	74·3	− 0·3	71	21	77·9	80·3	76·4	77·5	·875	+·005	·885	93	+ 5
Calicut ...	27	29·773	+·008	29·711	84·1	− 0·2	89	1, 6, 20	73·9	− 1·3	71	30	76·5	80·4	74·7	76·5	·841	−·027	·875	92	+ 2
Cochin ...	10	29·806	+·004	29·738	83·3	− 2·0	86	18	74·4	− 0·4	72	7 days	77·5	79·6	75·5	76·4	·839	−·014	·855	91	+ 5
Trivandrum ...	200	29·593	−·012	29·523	84·2	+ 1·1	89	1	75·8	+ 0·2	73	3	78·8	81·8	75·8	77·1	·855	+·020	·865	87	0
Madras, Southeast																					
Pamban ...	37	29·692	−·014	29·601	89·7	− 0·4	94	4	80·8	+ 0·7	78	15	83·2	84·9	77·8	78·9	·882	−·026	·908	78	0
Madura ...	463	29·255	−·018	29·158	97·2	− 0·6	102	26, 27	79·4	+ 2·0	76	1	84·8	91·5	72·6	73·4	·648	−·106	·567	53	−10
Negapatam ...	31	29·688	−·003	29·586	96·0	− 1·7	100	5 days	79·9	+ 0·4	75	3	84·0	89·1	74·5	78·0	·738	−·075	·808	63	− 3
Trichinopoly ...	255	29·460	−·018	29·353	96·0	− 3·0	102	1	79·7	+ 1·1	74	1	84·0	92·5	73·6	74·2	·696	−·034	·588	59	− 3
Coimbatore ...	1,341	28·394	−·018	28·327	87·4	− 1·9	93	1	71·8	0	69	28	77·9	81·1	71·5	71·5	·670	−·095	·629	73	− 7
Salem ...	913	28·810	−·013	23·696	94·8	− 0·5	99	1	75·7	+ 1·1	73	28, 29	78·1	90·3	72·6	73·8	·736	−·053	·615	76	+ 1
Cuddalore ...	39	29·657	−·013	29·546	96·3	− 2·4	101	17, 22	79·4	− 0·7	73	27	84·5	90·9	75·6	77·5	·774	−·058	·743	65	− 2
Vellore ...	703	28·984	−·018	28·885	93·0	− 4·5	97	1	77·9	− 0·9	74	2, 3, 19	80·4	90·1	73·8	78·6	·750	+·006	·833	73	+ 9
Madras ...	22	29·656	−·011	29·556	95·6	− 2·7	100	4 days	79·6	− 1·0	74	3, 21	84·9	89·0	75·0	77·7	·732	−·052	·801	61	− 1
Madras, Deccan																					
Cuddapah ...	428	29·257	−·012	29·146	94·5	− 5·5	100	28	77·7	− 2·7	69	2	83·4	90·6	75·0	76·1	·752	−·005	·700	66	+ 5
Bellary ...	1,473	28·208	−·029	28·115	90·8	− 4·1	95	26	76·0	+ 0·1	71	21	80·2	86·0	71·4	72·0	·686	−·014	·595	63	+ 1
Kurnool ...	923	28·741	−·027	28·621	91·6	− 5·4	97	1, 16	74·9	− 2·4	71	22	79·8	88·3	73·5	74·5	·722	−·017	·677	73	+ 5
Rentichintala ...	349	29·278		29·172	94·9		101	27	79·2		75	7, 19	83·7	90·3	77·4	79·4	·838		·840	75	
Madras Coast, North																					
Nellore ...	66	29·587	−·011	29·482	95·6	− 5·7	101	27, 28, 29	80·7	− 1·3	75	2, 3	85·4	93·5	75·7	77·9	·767	−·020	·747	63	+ 3
Masulipatam ...	10	29·611	−·022	29·507	90·3	− 7·8	98	28	78·6	− 1·9	75	5 days	82·3	88·7	77·0	79·2	·851	−·092	·860	78	+ 2
Cocanada ...	26	29·578	−·019	29·488	90·2	− 5·7	97	6, 26, 28	73·1	− 2·8	75	4 days	81·9	88·0	77·4	78·5	·865	−·037	·860	81	+ 5
Vizagapatam ...	126	29·438	−·030	29·361	88·7	− 2·5	100	28	79·4	− 0·8	73	4	83·0	86·1	77·6	78·8	·882	+·012	·88/	78	+ 4
Calingapatam ...	19	29·540	−·011	29·462	90·1	− 3·1	100	30	79·6	− 0·8	76	7	83·8	85·4	79·3	80·3	·928	−·021	·954	81	+ 2
Hill Stations, excluding Kashmir and Baluchistan																					
Maymyo ...	3,546	26·268	+·016	26·190	78·1	+ 0·2	84	7	67·0	+ 0·8	65	29	71·7	74·1	69·0	70·9	·674	+·012	·717	87	0
*Haka ...	6,100																				
Kanpetlet ...	6,322	23·769		23·727	70·0		76	1	60·1		58	30	66·0	64·4	63·2	62·9	·543		·559	87	
Shillong ...	4,921	24·937	−·005	24·870	75·0	+ 0·6	79	19	64·3	+ 1·3	62	4, 6	67·9	70·3	65·7	66·9	·615	+·044	·620	89	+ 6
Cherrapunji ...	4,309	25·486	−·014	25·425	71·5	− 0·6	79	18, 21	65·3	+ 1·3	63	1, 4, 27	67·2	69·0	66·4	67·7	·626	+·004	·666	93	− 1
Aijal ...	3,599	26·138		26·066	77·5		88	20	66·5		64	24	70·0	71·5	68·6	70·1	·690		·716	94	
Darjiling ...	7,432	22·788	−·031		68·9	− 0·8	70	8	56·7	+ 0·5	47	1	60·3		60·0		·512	+·013		98	0
Kalimpong ...	3,913	25·831	−·011	25·748	74·1	− 0·8	80	8	66·2	+ 0·3	61	1, 2	69·8	71·4	68·6	70·0	·696	+·026	·716	95	+ 2
Katmandu ...	4,388	25·439		25·358	83·7	− 1·7	88	1, 2, 20	67·5	+ 1·2	64	4	74·2	78·3	69·6	72·1	·679		·707	80	
Muktesar ...	7,592	22·679	−·047	22·626	69·3	− 4·2	77	6	55·9	− 1·5	49	2	60·6	65·1	58·3	60·9	·455	+·038	·494	68	+14
Mussooree ...	6,940	23·203	−·002	23·163	70·3	− 5·1	78	6	60·1	− 1·2	55	2, 15	64·1	67·6	61·4	64·7	·509	+·055	·585	87	+17
Simla ...	7,224	22·956	−·020	22·915	72·6	− 2·4	82	1	59·5	− 0·1	52	21	65·0	68·1	59·3	62·0	·441	+·050	·492	75	+16
Murree ...	7,082	23·068	−·009	23·036	74·9	− 3·5	86	7	58·8	− 1·5	51	18	65·8	71·8	57·5	61·7	·376	+·002	·450	64	+13
Cherat ...	4,272	25·457	−·020		89·5	− 4·0	100	7	70·6	− 2·6	62	18	75·1		66·6		·562	+·145		65	+23
Parachinar ...	5,673	24·255	−·006	24·220	85·8	− 2·1	94	1, 2, 7	64·9	+ 1·1	58	19	75·6	80·2	62·1	63·6	·413	+·055	·421	47	+ 7
Drosh ...	4,723	25·054			91·9	− 0·3	98	6	68·4	0	59	18	72·8		60·8		·397	−·003		47	0
Mount Abu ...	3,945	25·778	−·034	25·728	80·1	− 3·3	86	1, 7	68·1	− 0·4	65	26, 27, 28	72·3	78·2	70·3	72·8	·709	+·134	·746	91	+18
Pachmarhi ...	3,528	26·199	−·006	26·126	77·9	− 9·6	90	1	68·6	− 3·5	67	8 days	71·5	75·6	69·3	71·2	·684	+·069	·705	89	+18
Mahableshwar ...	4,534	25·323		25·276	66·4		72	2	61·5		59	5 days	64·3	64·6	64·2	64·5	·595		·616	100	
Mercara ...	3,781	26·077	−·013	26·031	69·1	− 3·2	75	1, 2	62·8	− 0·3	60	4	65·0	65·6	64·8	65·3	·616	+·010	·610	99	+ 5
Ootacamund ...	7,364	22·978	−·001	22·935	61·2	− 3·1	69	1	52·2	− 0·1	50	1	55·8	56·9	53·9	54·7	·396	+·004	·411	89	+ 7
Coonoor ...	5,730	24·341			71·5		76	22	59·3		56	22, 23	65·6		59·3		·424			69	
Kodaikanal ...	7,688	22·708	−·005	22·673	62·8	− 1·4	67	1	53·0	− 0·1	51	20	57·2	57·5	53·7	55·1	·375	+·009	·409	80	+ 6
Ceylon																					
Colombo ...	24	29·794	0	29·721	86·2	+ 0·1	87	12 days	78·7	+ 1·4	73	14	81·1	84·1	76·4	77·1	·832	−·059	·831	81	− 4
Trincomalee ...	24	29·722	+·029	29·644	92·0	− 0·4	94	4 days	78·8	+ 0·5	69	26	81·7	88·8	75·4	76·4	·781	−·072	·728	73	− 7
Hambantota ...	61	29·693	−·029	29·630	89·6	+ 2·7	95	5	77·8	+ 0·8	75	3, 14	80·8	84·6	76·5	76·1	·868	+·008	·781	81	− 8
Nuwara Eliya ...	6,170	24·016		23·961	64·5		71	1, 16	55·6		50	16	58·8	61·3	56·8	58·2	·444		·449	90	
Arabia																					
†Aden ...	98	29·648	+·065		94·8	− 0·1	99	7, 8	82·8	− 1·5	81	1, 13, 14	84·6		80·8		1·001	+·050		83	+ 9

*Register not received. †Records observations at 7 hrs. (L. M. T.).

Cloud amount (10ths of sky).		Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																	STATION.
										8 hrs. L. M. T.										17 hrs. I. S. T.								
Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																												Malabar
+0·8	9·2	46·57	+ 9·79	6·45	20	27	+ 2·4	5·8	+ 2·3	4	1	5	5	0	4	4	5	2	0	0	0	0	0	4	13	11	2	Mangalore
+0·7	9·5	38·54	+ 4·46	3·86	30	27	+ 2·9	5·7	− 0·2	2	6	7	1	1	3	3	6	1	1	1	1	1	0	1	10	15	0	Calicut
+1·4	9·4	26·27	− 2·22	2·54	12	26	+ 1·8	6·3	+ 1·5	3	2	3	4	1	1	6	6	4	3	0	0	2	0	2	10	11	2	Cochin
+0·3	8·7	7·86	− 5·53	1·42	8	13	+ 2·1	6·5	+ 1·4	16	0	0	0	0	0	2	8	4	5	0	0	0	0	0	7	18	0	Trivandrum
																												Madras, Southeast
+2·5	6·1	0	− 0·13	0		0	− 0·4	14·6	+ 3·6	0	0	0	1	2	21	4	1	1	0	0	0	6	13	11	0	0	0	Pamban
+1·8	9·0	0·30	− 1·07	0·18	27	2	− 0·3	7·5	+ 3·1	1	0	0	0	0	1	15	12	1	0	0	0	0	1	7	15	7	0	Madura
+2·3	7·5	2·22	+ 0·92	1·85	3	3	+ 0·7	7·3	+ 1·0	0	0	0	0	0	4	26	0	0	0	0	0	1	11	13	5	0	0	Negapatam
+2·7	9·3	1·48	+ 0·07	1·35	1	2	− 0·2	10·3	+ 3·6	0	0	0	0	0	2	24	4	0	0	0	0	0	2	3	22	3	0	Trichinopoly
+2·6	8·4	0·51	− 1·15	0·10	8	1	− 3·6	11·0	+ 5·2	0	0	0	0	8	15	7	0	0	0	0	0	0	5	15	10	0	0	Coimbatore
+1·4	9·1	2·02	− 1·00	0·35	15	7	+ 1·7	6·3	+ 2·3	0	0	0	0	12	12	5	1	0	2	1	0	0	4	7	9	5	2	Salem
+2·0	7·9	1·75	+ 0·21	0·83	28	4	+ 1·3	6·3	+ 2·0	0	0	0	0	1	24	4	0	1	0	0	0	13	1	13	3	0	0	Cuddalore
+0·7	6·5	7·41	+ 5·06	3·71	3	8	+ 3·5	4·8	+ 0·1	4	0	0	0	0	9	8	8	1	3	0	0	0	6	10	5	5	1	Vellore
+2·7	9·1	1·85	− 0·04	0·41	22	6	+ 2·3	10·8	+ 0·9	0	0	0	0	1	5	22	2	0	0	1	6	6	11	4	2	0	0	Madras
																												Madras, Deccan
−0·5	8·9	5·79	+ 2·86	1·95	3	9	+ 4·5	7·1		1	0	0	0	1	0	9	17	2	0	0	1	0	1	3	10	14	1	Cuddapah
+0·6	8·3	0·86	− 1·01	0·35	15	3	− 0·6	10·5	+ 2·8	0	0	0	0	0	4	15	11	0	0	0	0	0	0	7	15	8	0	Bellary
+2·8	9·3	4·34	+ 1·41	0·98	18	8	+ 2·4	14·0	+ 4·8	0	0	0	0	0	12	16	2	0	1	0	0	0	1	5	14	9	0	Kurnool
	8·6	3·78		0·77	19	12		10·6		0	0	0	0	0	10	17	3	0	0	0	1	0	2	8	14	3	2	Rentichintala
																												Madras Coast, North
+1·0	8·6	2·55	+ 1·27	1·70	2	5	+ 2·1	5·7	− 0·6	0	0	0	0	1	7	21	1	0	0	0	0	2	3	7	16	2	0	Nellore
+0·4	7·6	7·33	+ 2·82	1·85	1	9	+ 2·7	7·0	− 0·3	0	0	0	0	1	5	16	8	0	2	1	0	0	6	6	8	7	0	Masulipatam
+0·1	7·1	6·11	+ 1·30	1·50	11	13	+ 6·3	7·0	+ 1·1	0	1	0	1	1	19	7	0	1	0	0	0	2	0	13	12	2	1	Cocanada
+0·9	8·5	7·93	+ 3·12	3·34	4	8	+ 1·2	5·6	+ 1·2	0	0	0	0	0	9	10	1	10	0	0	0	0	3	17	7	2	1	Vizagapatam
+1·8	7·5	6·16	+ 1·48	2·12	5	7	+ 0·6	6·7	− 1·0	1	1	0	0	0	14	12	1	1	1	0	0	0	10	17	2	0	0	Calingapatam
																												Hill Stations, excluding Kashmir and Baluchistan
−0·8	6·8	7·11	− 1·71	1·76	7	11	− 2·0	2·8	+ 0·3	4	0	6	4	4	4	1	2	5	1	2	4	1	2	10	1	1	8	Maymyo
																												*Haka
	3·9	21·23		2·33	3	19		5·2		0	4	4	1	9	3	3	1	5	0	0	4	0	2	6	7	0	11	Kanpetlet
+1·8	9·2	19·21	+ 2·84	2·66	25	21	+ 1·6	2·3	− 0·1	0	4	2	1	1	1	0	1	20	0	1	0	0	5	2	4	1	17	Shillong
+0·7	9·0	151·90	+55·98	19·62	15	28	+ 3·3	3·8	+ 3·9	0	6	1	3	2	14	1	0	3	0	6	1	0	3	16	1	0	3	Cherrapunji
	7·3	10·86		2·91	21	17		7·1		1	0	3	7	6	8	2	2	1	0	0	1	2	5	12	8	2	0	Aijal
+0·7		38·85	+13·36	4·34	29	25	+ 4·2	4·9	+ 1·1	0	5	18	1	0	1	0	1	4										Darjiling
+1·6	8·7	30·38	+14·83	4·42	14	16	+ 0·1	6·2		1	0	0	9	0	0	0	13	7	0	0	1	23	1	0	0	3	2	Kalimpong
	6·6	14·86	+ 5·68	2·01	10	18	+ 3·0	1·1		1	3	12	2	0	0	0	0	12	4	1	6	0	1	0	3	3	12	Katmandu
+1·0	6·0	12·45	+ 5·32	1·89	21	17	+ 6·1	7·7	+ 2·7	0	3	3	4	0	5	9	2	4	1	1	3	1	0	7	15	2	0	Muktesar
+1·3	7·1	17·09		3·36	21	18		5·1		6	0	0	4	4	5	2	3	6	0	0	0	4	8	4	2	1	11	Mussooree
+1·7	6·5	8·79	+ 1·66	1·52	21	13	+ 3·1	2·6	− 0·8	3	5	1	5	4	2	1	0	9	1	5	0	1	6	5	1	2	9	Simla
+2·5	4·9	13·97	+10·11	4·99	10	12	+ 6·4	6·7		4	5	2	9	1	0	6	3	0	0	3	0	5	4	3	11	4	0	Murree
+2·4		2·78	+ 1·40	1·87	18	4	+ 1·8	6·3	0	6	3	1	4	3	2	0	2	9										Cherat
-1·0	4·9	1·56	− 0·57	0·33	19	5	+ 0·4	5·2	+ 2·8	2	1	5	5	1	4	3	1	8	3	2	7	13	3	0	1	1	0	Parachinar
+0·2		0·46	− 0·18	0·18	18	2	+ 0·1	6·3	+ 2·7	0	0	4	4	1	4	0	0	17										Drosh
+3·6	6·6	7·09	+ 1·87	1·98	23	11	+ 4·7	6·6	+ 1·6	2	1	0	3	6	11	3	1	3	1	2	0	1	5	6	10	1	4	Mount Abu
+4·0	9·2	16·34	+ 6·68	1·82	23	23	+12·3	4·3	− 2·6	2	1	0	1	1	3	13	9	0	2	0	1	0	1	3	14	5	4	Pachmarhi
	10·0	63·66	+37·44	7·80	20	30	+ 7·2	11·8		0	0	0	0	0	17	12	1	0	0	0	0	0	0	17	12	1	0	Mahableshwar
−0·3	8·1	36·12	+ 9·76	4·30	30	29	+ 5·3	10·3	+ 5·2	1	0	0	0	0	1	14	14	0	0	0	0	0	0	1	14	14	1	Mercara
+0·6	9·4	3·36	− 3·19	0·57	2	14	+ 0·3	6·4	+ 3·5	0	0	0	0	0	11	16	1	2	0	0	0	0	0	10	19	0	1	Ootacamund
		1·18		0·85	3	1		5·9		2	0	1	0	0	9	6	10	2										Coonoor
+0·9	9·0	2·71	− 1·35	0·85	1	7	− 2·9	9·4	− 1·3	0	0	0	0	0	0	8	19	3	0	0	0	0	0	0	5	21	4	Kodaikanal
																												Ceylon
-0·1	8·2	1·63	− 6·28	0·45	10	6	− 7·3			0	0	0	1	0	10	15	2	2	0	0	0	0	0	15	14	1	0	Colombo
+2·4	8·0	1·71	+ 0·17	1·63	26	1	− 0·8			0	0	0	0	0	15	15	0	0	1	2	0	0	0	13	14	0	0	Trincomalee
0	6·2	0·40	− 1·85	0·16	30	3	− 3·0			0	0	0	0	0	1	26	3	0	0	0	0	0	0	6	18	6	0	Hambantota
	9·4	11·61	− 0·97	1·84	8	15																						Nuwara Eliya
																												Arabia
-0·6		0	− 0·05	0		0	− 0·1	7·0	+ 0·7	9	3	1	5	4	1	2	1	4										†Aden

b—Mean of 29 days. c—Mean of 28 days.

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Relative humidity %	
		Mean 4 hrs. G. M. T.	Departure from normal.	Mean 13 hrs. G. M. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 4 hrs. G. M. T.	Mean 13 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Mean 13 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Departure from normal.	Mean 13 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Departure from normal.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Iran																					
Charbar ...	25	29·964		29·405	92·0		95	15, 18, 30					86·9	90·0	81·7	82·8	1·023		1·031	80	
Jask ...	13	29·456		29·397	94·2	− 2·1	101	30	84·0	+ 0·9	82	6 days	88·0	93·1	83·1	84·7	1·058		1·086	81	
Bandar Abbas ...	29	29·441		29·347	99·4		110	30					91·4	96·5	81·6	84·1	·955		·993	66	
Bushire ...	14	29·462		29·431	88·7	− 3·0	95	26, 30	80·2	− 0·4	74	3	83·4	87·2	77·4	79·8	·845		·920	75	
Ispahan ...	5,817	24·39*		24·34*	93·0	− 0·3	99	27	61·8	− 0·8	55	6	72·4	92·2	57·7	66·2	·330		·364	38	
Meshed ...	3,104	26·50*		26·45*	89·5	+ 0·9	95	23, 24	55·6	− 4·6	46	13, 14	74·4	86·8	58·0	62·9	·291		·296	35	
Seistan ...		27·980		27·876	101·3	+ 0·9	108	25	74·6	0	70	8	80·6	97·6	64·3	72·3	·389		·463	38	
Arabia																					
Bahrein ...	8	29·501		29·473	93·9	+ 0·4	107	28	81·4[b]	− 1·7	76	16, 24	87·0	91·5	79·0	81·6	·880		·955	70	
Muscat ...	15	29·442		29·401	94·9	− 2·4	107	29	86·6	− 1·8	82	21	90·6	91·6	82·4	84·2	·982		1·061	71	
Sharjah ...	18	29·468		29·411	96·0		109	28	75·5		69	18	86·1	91·6	75·1	81·1	·718		·913	60	

* Aneroid. b—Mean of 29 days.

TABLE IV—ABSTRACT OF OBSERVATIONS RECORDED AT 8 HRS. (L. M. T.) AT 4TH CLASS STATIONS—JUNE 1938

STATION.	Maximum temperature °F.				Minimum temperature °F.				Mean dry bulb temperature 8 hrs. L. M. T. °F.	Mean wet bulb temperature 8 hrs. L. M. T. °F.	Vapour pressure, inches.		Relative Humidity %		Mean cloud amount 8 hrs. L. M. T.	Rainfall, inches.				Number of rainy days (0·10" or more).		Wind
	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.			Mean 8 hrs. L. M. T.	Departure from normal.	Mean 8 hrs. L. M. T.	Departure from normal.		Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Resultant direction 8 hrs. L. M. T.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Assam																						
Lumding ...	90·4	+ 0·3	95	19	77·4	+ 2·4	75	9, 20, 27	81·4	77·8	·910		85			7·02	−1·80	1·43	9	11	− 2·6	
Bengal																						
Pabna ...					78·9	+ 3·9	73	5	83·4	80·3	·981	+ ·015	87	+ 1		15·40	+3·61	4·23	30	18	+ 3·4	
Punjab, East and North																						
Gurdaspur ...									83·3	75·9	·794		71		5·7[c]	10·56		1·73	9	11		S 71 E
Kashmir																						
Jammu ...	94·2	− 7·9	112	1	77·9	− 4·4	69	18	83·6	74·3	·710	+ ·075	65	+20	3·9	9·47	+6·73	2·28	10	12	+ 8·3	N 40 E
Kargil ...	77·6	− 3·8	84	25	56·1	+ 4·9	50	2	64·1	52·6	·301	+ ·048	50	+ 6	5·4	0·27	+0·11	0·13	14	2	+ 1·4	N 23 E
N.W. F. Province																						
Bannu ...	103·0	− 2·9	114	1, 2, 7	82·3	+ 2·4	74	27	92·2	75·1	·637	+ ·080	43	+ 3	2·3[c]	0·49	−0·54	0·27	25	2	+ 0·5	N 40 E
Wana ...	91·5		102	6	70·1		63	30	83·9	67·7	·497		43		0·2	0·75		0·53	28	2		S 26 W
Hyderabad, North																						
Bidar ...	83·9	− 8·8	92	3, 4	70·4	− 1·9	66	20	74·8	71·0	·704	− ·027	82	+ 6	8·2	7·66	+2·69	2·50	7	13	+ 6·2	S 76 W
Mysore																						
Nandi ...	73·1		77	1, 22	61·0		59	4	62·8	62·1	·556		98			4·33		1·57	2	4		S 61 W
Tibet																						
Yatung (Chumbi) ...	64·6	+ 1·2	71	8	49·8	+ 0·6	40	1, 2	56·3	54·8	·419	+ ·022	92	+ 2	7·3	8·60	+2·03	1·77	1	17	+ 1·6	
Iran																						
Zahidan ...	95·5		105	5	64·6		59	14	83·5	64·6	·395		34		0	0		0		0		N 10 E

c—Mean of 29 days.

ɔud amount aths of sky).		Rainfall, inches.				Number of rainy days (0·10 or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																	STATION.
										4 hrs. G. M. T.										12 hrs. G. M. T.								
Departure from normal.	Mean 12 hrs. G. M. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
	1·3 *d*	0		0		0		4·4		2	4	7	2	4	1	0	0	10	0	0	2	5	12	6	1	1	0	**Iran** Charbar
	1·6	0	− 0·06	0		0	− 0·1	7·6	− 1·0	2	2	23	0	0	1	1	0	1	0	0	0	2	13	10	5	0	0	Jask
	0·3	0		0		0		6·9		2	8	4	2	2	2	0	1	9	0	0	0	9	16	5	0	0	0	Bandar Abbas
	0	0	0	0		0	0	10·4	+ 2·6	6	2	2	3	1	0	2	13	1	0	0	0	0	0	3	20	7	0	Bushire
	0·7	0	− 0·02	0		0	− 0·1	2·3	+ 0·2	2	1	0	0	0	2	2	5	18	1	5	6	0	1	3	0	3	11	Ispahan
	1·1	0	− 0·35	0		0	− 0·8	2·1	+ 0·6	1	1	0	1	0	0	0	2	25	0	0	16	9	0	0	0	2	3	Meshed
	0	0	− 0·01	0		0	− 0·1	11·6	− 0·1	2	0	0	0	0	0	0	20	8	1	0	0	0	0	0	0	12	17	Seistan
	1·1	0	0	0		0	0	7·8		0	0	0	0	1	1	6	20	2	13	2	0	0	0	0	0	15	0	**Arabia** Bahrein
	1·8	0	− 0·11	0		0	− 0·2	2·9	− 0·7	0	3	1	1	1	0	0	6	18	3	19	0	0	0	0	0	2	6	Muscat
	1·3	0		0		0		6·7		0	1	1	6	17	3	0	0	2	2	1	0	0	0	4	6	17	0	Sharjah

d—Mean of 27 days.

TABLE V—ABSTRACT OF OBSERVATIONS RECORDED AT 8 HRS. (L. M. T.) AT 5TH CLASS STATIONS—JUNE 1938

DIVISION.	STATION.	Rainfall, inches.				Number of rainy days (0·10 or more).		DIVISION.	STATION.	Rainfall, inches.				Number of rainy days (0·10 or more).	
		Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.			Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.
1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8
ngal ...	Bankura ...	4·39	−6·70	1·00	28	9	−2·9	Baluchistan ...	Harnai ...	1·46	+0·85	0·65	12	3	+1·6
	Rampur Boalia ...	26·54	+ 15·37	4·78	30	17	+3·9	Rajputana, East...	Udaipur ...	4·40	+1·10	1·34	10	7	+2·4
	Sirajganj ...	16·97	+4·56	5·18	26	17	+2·3								
	Rangpur ...	15·45	−2·16	3·02	15	20	+4·0	Bombay Deccan ...	Khandala ...	54·93		4·52	15	26	
	Cooch Behar ...	41·28	+8·37	6·50	14	23	+4·5	Hyderabad, North.	Parbhani ...	10·20	+3·91	2·84	8	11	+3·5
har ...	Muzaffarpur ...	18·36	+ 10·21	7·72	28	15	+6·7	Madras Southeast.	Palamcottah ...	0	−0·56	0		0	−1·4
	Chapra ...	13·40	+6·55	1·89	25	15	+7·4								
	Arrah ...	8·92	+2·14	2·17	5	12	+4·1	Madras Deccan ...	Anantapur ...	0·63	−1·38	0·51	21	1	−2·5
	Dehri ...	7·47	+1·40	4·90	30	7	−0·5	Sikkim ...	Lachung ...	14·48	+4·64	1·55	22	27	+4·6
nited Provinces Vest.	Meerut ...	2·79	−0·34	2·11	9	5	+1·2								
njab, East and Iorth.	Dharampore ...	6·99		2·25	8	11									
	Kyelang ...	1·51	+0·48	0·55	18	3	+0·4								
	Dalhousie ...	8·83	+2·51	1·98	10	10	+2·5								
shmir ...	Sonamarg ...	10·17	+7·58	2·10	19	9	+1·3								
	Gurez ...	3·50		1·03	18	8									

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MONTHLY FREQUENCY TABLES

of

Horizontal Visibility, Height of Base of Low Cloud and Surface and Upper Winds at Pilot Balloon Stations

June 1938

Supplement to the Monthly Weather Report, June 1938

Published by authority of the Government of India

Tables of Wind Frequency:—Data for tables 1, 4, 7 and 10 are obtained from routine pilot balloon ascents. They are classified under four sets of tables according to the times of their commencement. Ascents in day-light starting at hours before 0830 hrs. I. S. T. have been classified under "morning". Most of these ascents begin at about 10-15 minutes before sunrise; thus the times will be different at different stations. Ascents starting at hours varying from 0830 to 1200 hrs. are classified as "forenoon" and those from 1200 to 1700 hrs. as "afternoon". Night ascents with lanterns which start after 0300 hrs. are classified as "late night". The most frequent times of commencement of the ascents which have been classified as "forenoon", "afternoon" and "late night" are 0900, 1400 and 0330 hrs. I. S. T. respectively.

The symbols used in the tables of wind frequency have the following meaning:— ϕ = Latitude of the station; λ = Longitude of the station; H_s = Height of the anemometer head (i.e. to which the values of the surface wind relate) above mean sea level; C = the number of observations when the speed of wind is 5 km./hr. or less and n = number of observations.

Tables of Frequency of Heights of base of Low cloud:—Tables 2, 5, 8 and 11 are based on observations made at the routine hours of pilot balloon flights or within half an hour of the same. Heights which are either measured or estimated are given.

In the first row of these tables, for amounts of low cloud 1-10, the number under code figure 9 gives occasions when there was no low cloud, and in the second row, for amount of low cloud = 9 or 10, the number under this code figure gives all occasions when the total amount of cloud (whether low, medium or high) was 9 or 10.

Tables of Frequency of Horizontal Visibility:—Data for tables 3, 6, 9 and 12 are obtained from observations near the times of the routine pilot balloon ascents.

The Code figures used in the tables Nos. 2, 3, 5, 6, 8, 9, 11 and 12 have the following meaning:—

Code figure ...	0	1	2	3	4	5	6	7	8	9
Cloud height ...	Less than 50 m.	50 to 99 m.	100 to 199 m.	200 to 299 m.	300 to 599 m.	600 to 999 m.	1000 to 1499 m.	1500 to 1999 m.	2000 to 2500 m.	No Low cloud / Total amount of cloud = 9 or 10
Visibility ...	Less than 50 m.	50 to 200 m.	200 to 500 m.	500 to 1000 m.	1000 to 2000 m.	2000 to 4000 m.	4000 to 10000 m.	10000 to 20000 m.	20000 to 50000 m.	Greater than 50000 m.

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STATION.	Speed limits (km./hr.).	Surface.										0·5 km. above Surface.									
		n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C
Agra ...	6–25	30		1	5	2	1	7	3		11	30			1	5	1	1	4	2	2
ϕ = 27° 08′ N ...	26–50														1	3			5	2	
λ = 78° 01′ E ...	51–75																		3		
H_s = 181 metres ...	>75																				
Ahmedabad ...	6–25	30			1	2	3	14	2		8	29		1	1	1	1	1	2	1	
ϕ = 23° 02′ N ...	26–50																1	7	11	2	
λ = 72° 35′ E ...	51–75																				
H_s = 55 metres ...	>75																				
Bangalore ...	6–25	30						18	9			22									
ϕ = 12° 58′ N ...	26–50							2	1										6	2	
λ = 77° 36′ E ...	51–75																		14		
H_s = 936 metres ...	>75																				
Bhuj ...	6–25	29		1			1	14	4	1	7	29	1	1				2	1	2	
ϕ = 23° 15′ N ...	26–50							1									1	7	7		
λ = 69° 48′ E ...	51–75																	3	4		
H_s = 113 metres ...	>75																				
Chittagong ...	6–25	30			1	10	1	2			16	28				3	3	1			
ϕ = 22° 21′ N ...	26–50															2	11	2			
λ = 91° 50′ E ...	51–75															2	4				
H_s = 21 metres ...	>75																				
Dacca ...	6–25	30			1	6	2	2			19	25				2	5				
ϕ = 23° 43′ N ...	26–50															5	5	7	1		
λ = 90° 24′ E ...	51–75																				
H_s = 21 metres ...	>75																				
Fort Sandeman ...	6–25	30		5			2	1			22	30	1	8	1		3	8	2	3	4
ϕ = 31° 21′ N ...	26–50																				
λ = 69° 27′ E ...	51–75																				
H_s = 1421 metres ...	>75																				
Hyderabad (Dn.) ...	6–25	30						5	22			29									
ϕ = 17° 26′ N ...	26–50								3										9	2	
λ = 78° 27′ E ...	51–75																		15	3	
H_s = 555 metres ...	>75																				
Jubbulpore ...	6–25	30		1		1	2	5	7	1	13	28	1		1	1	3	3	1	2	
ϕ = 23° 10′ N ...	26–50													1				3	10	1	
λ = 79° 57′ E ...	51–75																		1		
H_s = 402 metres ...	>75																				
Lahore ...	6–25	30		3		6				1	20	29	1		2	4	3	3	1	3	3
ϕ = 31° 35′ N ...	26–50													1		2	3		2		
λ = 74° 20′ E ...	51–75																				
H_s = 221 metres ...	>75																				
Madho Sagar (Gwalior).	6–25	28		2	1	2		9	4		10	27	1	1	2	1	1	1	4	1	
ϕ = 26° 13′ N ...	26–50														3				5	1	
λ = 78° 08′ E ...	51–75																		5	1	
H_s = ...	>75																				
Madras ...	6–25	30						12	3	1	14	30								1	
ϕ = 13° 04′ N ...	26–50																		18	2	
λ = 80° 15′ E ...	51–75																		7	1	
H_s = 13 metres ...	>75																		1		
Malegaon ...	6–25	30						2	10	11	7	30					1	2	6		
ϕ = 20° 33′ N ...	26–50																	3	14	3	
λ = 74° 32′ E ...	51–75																		1		
H_s = 437 metres ...	>75																				
Mangalore ...	6–25	29		1	6		1	2	10	1	8	27						3		2	
ϕ = 12° 52′ N ...	26–50																	2	17	1	
λ = 74° 51′ E ...	51–75																		1		
H_s = 40 metres ...	>75																			1	
Peshawar ...	6–25	30		1			1	2		3	23	30	9	4	1			3	3	7	2
ϕ = 34° 01′ N ...	26–50													1							
λ = 71° 35′ E ...	51–75																				
H_s = 363 metres ...	>75																				
Poona ...	6–25	30						21	5	2	2	29						2			
ϕ = 18° 32′ N ...	26–50																	7	15		
λ = 73° 51′ E ...	51–75																	2	3		
H_s = 589 metres ...	>75																				
Port Blair ...	6–25	30						19	2	2	6	27					1	2	2		
ϕ = 11° 40′ N ...	26–50								1									12	6		
λ = 92° 43′ E ...	51–75																	3	1		
H_s = 87 metres ...	>75																				
Raj Samand (Kankroli)	6–25	20	1			2	1	7	1	1	7	20	1	1	2		1	6	1	2	1
ϕ = 25° 08′ N ...	26–50																	1	3		
λ = 73° 53′ E ...	51–75															1					
H_s = 587 metres ...	>75																				

STATION.	1·0 km. a. s. l.										2·0 km. a. s. l.						
	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW
Agra ...	30		1	2	4	1	1	3	3		30	2	5	4	1	1	
ϕ = 27° 08′ N ...					4			3	4			2			1		
λ = 78° 01′ E ...								3	1								
H_s = 181 metres ...																	
Ahmedabad ...	28			2		2	1	1	2		25	2		3	2	1	4
ϕ = 23° 02′ N ...						2	4	11	1			2		2	1		1
λ = 72° 35′ E ...								2									
H_s = 55 metres ...																	
Bangalore ...	30						7	11			12						
ϕ = 12° 58′ N ...							2	10									
λ = 77° 36′ E ...																	
H_s = 936 metres ...																	
Bhuj ...	28		1	1		2	2	1		1	26			3	5	2	1
ϕ = 23° 15′ N ...			1			1	6	6	1				1	2	1	1	
λ = 69° 48′ E ...							1	4					1				
H_s = 113 metres ...																	
Chittagong ...	22				1	3	2		1		19	1			2	4	3
ϕ = 22° 21′ N ...					1	8	3								4	2	2
λ = 91° 50′ E ...					2	1											
H_s = 21 metres ...																	
Dacca ...	19				1	5	1				12			1	1	1	2
ϕ = 23° 43′ N ...					1	2	6	1							2	1	2
λ = 90° 24′ E ...					1		1										
H_s = 21 metres ...																	
Fort Sandeman ...											30	1	3	1		3	9
ϕ = 31° 21′ N ...																	1
λ = 69° 27′ E ...																	
H_s = 1421 metres ...																	
Hyderabad (Dn.) ...	29						1	10	2		24						1
ϕ = 17° 26′ N ...								14	2								
λ = 78° 27′ E ...																	
H_s = 555 metres ...																	
Jubbulpore ...	24	1		1	1	3	1	2		1	18		1	2	1	3	1
ϕ = 23° 10′ N ...			1				3	9						1			
λ = 79° 57′ E ...								1									1
H_s = 402 metres ...																	
Lahore ...	28	1	1	4	5	3		3	3	1	28	3	4			1	4
ϕ = 31° 35′ N ...			1			1	1	2	1			1			1		
λ = 74° 20′ E ...			1														
H_s = 221 metres ...																	
Madho Sagar (Gwalior).	26			1	1	2	1	3	4		25	2	3	2	2		1
ϕ = 26° 13′ N ...				1	2			4	1			1	1				
λ = 78° 08′ E ...								3	3								
H_s = ...																	
Madras ...	30								1		30						1
ϕ = 13° 04′ N ...							1	8	6								
λ = 80° 15′ E ...								10	4								1
H_s = 13 metres ...																	
Malegaon ...	30					1	3	4	1		21	2	1			2	3
ϕ = 20° 33′ N ...							3	14	2			1					
λ = 74° 32′ E ...								1	1								
H_s = 437 metres ...												1					
Mangalore ...	21							1			10						
ϕ = 12° 52′ N ...								10	3								
λ = 74° 51′ E ...								7									
H_s = 40 metres ...																	
Peshawar ...	30	10	4	1			4	1	8	1	30	2	2	2	1	2	3
ϕ = 34° 01′ N ...			1											2			
λ = 71° 35′ E ...																	
H_s = 363 metres ...																	
Poona ...	29						2				15						1
ϕ = 18° 32′ N ...							7	18									
λ = 73° 51′ E ...							2										3
H_s = 589 metres ...																	
Port Blair ...	24					1	4	1			11					1	4
ϕ = 11° 40′ N ...							11	5									2
λ = 92° 43′ E ...								1									1
H_s = 87 metres ...							1										
Raj Samand (Kankroli)	20	1	1	2		1	6	1	2	1	18		2	6	2	1	2
ϕ = 25° 08′ N ...							1	3									
λ = 73° 53′ E ...					1												
H_s = 587 metres ...																	

3·0 km. a. s. l.										Amounts of low cloud.	No. of observations with Code figures.										No. of observations with Code figures.										STATION.
n	N	NE	E	SE	S	SW	W	NW	C		0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
24	3	2	4				2	2	3	1 — 10					3		1	1	9	16							20	10			Agra
	2	1	1					3		9 or 10										6											
22	2	1		4	2	1				1 — 10				1	3	3	1	1	1	20						13	12	5			Ahmedabad
	5		5				1	1		9 or 10				1	2	1	1	1	1	20											
6								1		1 — 10		2	5	2	12	4		1		4						1	19	6	3	1	Bangalore
								4		9 or 10		2	5	1	5	1				23											
								1																							
20	3		4	2	2				1	1 — 10					3	8	3			16						1	17	12			Bhuj
		1	4					1		9 or 10					1	1				15											
			1																												
11		1		2	2	2				1 — 10			1		8	5	13			3					2	4	11	13			Chittagong
				3	1					9 or 10			1		5	2				25											
5		1		1	1		1			1 — 10				10	13	3	2			2						1	29				Dacca
				1						9 or 10				4	3					22											
26	1	1				3	4	6	1	1 — 10								2	1	27			2	1	5	7	14		1		Fort Sandeman
						2	2	5		9 or 10										1											
							1																								
14	1					1	3			1 — 10				1	8	2		7	3	9						2		19	7	2	Hyderabad (Dn.)
							6	1		9 or 10				1	3					22											
							2																								
11		3	2	2				1		1 — 10				2	6	6	1	6	5	4						1	3	14	12		Jubbulpore
			1				1	1		9 or 10				2	4	1				20											
19	3	1	1		1		1	5		1 — 10							4	4	6	16					1	6	4	18	1		Lahore
	3						1	3		9 or 10							2	1	1	8											
19	1	4	3		1			3		1 — 10					5	2		4	3	14						1	4	14	11		Madho Sagar (Gwalior)
	1	2	1					2		9 or 10					3					14											
		1																													
25	1						2	3		1 — 10										30							3	27		Madras
						1	14	1		9 or 10										22											
							3																								
11			3		3	1		1		1 — 10					1	4	14	6	1	4					1	3	13	7	6		Malegaon
	1						2			9 or 10					1	1	2	1		28											
5		1								1 — 10					5	13	9	2	1				1		5	8	10	6			Mangalore
							4			9 or 10					5	11	2	1		26											
28					1	1	5	7	1	1 — 10							1	3	8	18						3	6	6	10	5		Peshawar
						4	5	3		9 or 10										1											
								1																							
5					1	1			1	1 — 10						15	11	3	1							3	5	16	6			Poona
							2			9 or 10						7	2			26											
5						1	1			1 — 10				1	24	5								1		3	17	9			Port Blair
					1	1	1			9 or 10					2	1				24											
						1																									
16	2		4	2				1		1 — 10						1	3	3		13							11	18	1		Raj-Samand (Kankroli)
		2	5							9 or 10										7											

STATION.	Speed limits (km./hr.).	Surface.										0·5 km. above Surface.										1·0 km. a. s. l.										2·0 km. a. s. l.							
		n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	
Sambalpur ...	6-25	30						7			23	29	1	1	1	1	4	4	1	1		28			1		4	3	2	1		23	1	1	1	4		3	
ϕ = 21° 28′ N ...	26-50																	7	7							1		5	6	1						1			
λ = 83° 58′ E ...	51-75																	1											4									
H_s = 153 metres ...	>75																																						
Tezpur ...	6-25	30		2	1			6			21	28		1	2	2	5	4	5	1		25			1	3	1	5	3	1		13			2	1		4	
ϕ = 26° 37′ N ...	26-50														1			1	5						2		1		7								3	
λ = 92° 47′ E ...	51-75																	1											1								1	
H_s = 76 metres ...	>75																																						
Trichinopoly ...	6-25	30						4	17	9		30							6			30							8	3		29							1
ϕ = 10° 49′ N ...	26-50																		21										10	1									
λ = 78° 42′ E ...	51-75																		3										8										
H_s = 88 metres ...	>75																																						
Trivandrum ...	6-25	30	14	2						9	5	28							1			26							4	7		19							
ϕ = 8° 31′ N ...	26-50																		6	12									8	7									
λ = 77° 00′ E ...	51-75																		3	5																			
H_s = 73 metres ...	>75																																						
Vizagapatam ...	6-25	30						11	6	4	9	30						2	4		1	29						3	2	2		21	1					3	
ϕ = 17° 42′ N ...	26-50																	6	8									2	7	3								1	
λ = 83° 18′ E ...	51-75																	6	3									3	6									
H_s = 56 metres ...	>75																											1										

TABLE 4-

Allahabad ...	6-25	30		1	7	2	2	6	5		7	30	2		6	3	1	2	4		1	24		1	1	1	1	2	1	2	2	17		1	1	1			
ϕ = 25° 26′ N ...	26-50														2			2	3	1					3	1		1	3	2					3	1			
λ = 81° 50′ E ...	51-75																		3										1	2									
H_s = 111 metres ...	>75																																						
Bahrein ...	6-25	30							7	20	3	28	2	1						1		29	1	1					1			25	9	1	1		1		
ϕ = 26° 14′ N ...	26-50												5							3			8							6			4					
λ = 50° 35′ E ...	51-75												9							2			7							3			2					
H_s = 14 metres ...	>75												4							1			1							1								
Bombay (Juhu) ...	6-25	30	1		2	3	1	15	3	4		27				1	1	2	4			15					1	1				5				1	1	
ϕ = 19° 17′ N ...	26-50							1									1	6	9	1								2	7	1								
λ = 72° 50′ E ...	51-75																		2										3									
H_s = 5 metres ...	>75																																						
*Calcutta (Dum Dum)	6-25	30			3	11	3	8	2		3	30			2	2	5	3	3	1		25	1			1	3	1	1	1		14				2	3	
ϕ = 22° 38′ N ...	26-50														3	2	2	6	1							3	1	4	6	2					1	2		
λ = 88° 27′ E ...	51-75																									1												
H_s = ...	>75																																						
Gaya ...	6-25	30		3	6	3		7	6		5	30			4	5	1		3	2	1	29		2		3	1		4	1	1	18			2		1		
ϕ = 24° 49′ N ...	26-50														4			1	8						3	2			7	2					3				
λ = 85° 01′ E ...	51-75																		1						1				1	1									
H_s = 117 metres ...	>75																																						
Gwador ...	6-25	30		2	6	2		8			12	30			2	6	5	7	5	1	4	22	2	4		1	1	1	4	5	2	14	5	3				1	
ϕ = 25° 08′ N ...	26-50																							2									3						
λ = 62° 19′ E ...	51-70																																						
H_s = 10 metres ...	>75																																						
Jacobabad ...	6-25	20		1	6	5	1				7	20		1	1	2	3	5	1	2	1	19		1			4	4	3	3	1	18	1		2	1	5	
ϕ = 28° 17′ N ...	26-50													1		1									1					2								
λ = 68° 29′ E ...	51-75														1																								
H_s = 66 metres ...	>75																																						
Jodhpur ...	6-25	30		2			1	10	4			30	2					6	4	1		28	4	1	1			3	3			23	4	5	2	1	1	2	
ϕ = 26° 18′ N ...	26-50							13										12	3									12	1						1		1	
λ = 73° 01′ E ...	51-75																	2										3										
H_s = 232 metres ...	>75																																						
Karachi (Drigh Road)	6-25	30						14	5	5	1	30						3	5	1		23					1	4	4	2		20	6	2		1		1	
ϕ = 24° 54′ N ...	26-50							4	1									2	13	2			1						8	1			1	3			1		
λ = 67° 11′ E ...	51-75																		4										1										
H_s = 90 metres ...	>75																												1				1						
New Delhi ...	6-25	30		1	7	10	1		1	1	3	30	1		4	4	4	1	2	1	1	28	1	2	2	4	2	1	1	3	1	25	3	4	5	2	1	1	
ϕ = 28° 39′ N ...	26-50								2	1						6			3	1						5		1		1								
λ = 77° 15′ E ...	51-75							1	2										2										3	1								
H_s = 227 metres ...	>75																																						
Sharjah ...	6-25	30	1	1	1	3	8	15			1	29	1	1	1	3	9	6	1	3	1	30	1	2	5	2	2	4	6	2	2	29	1	3	2	3		5	
ϕ = 25° 20′ N ...	26-50																1	1	1										3	1				1			2	1	
λ = 55° 24′ E ...	51-75																																						
H_s = 13 metres ...	>75																																						

ENCY (MORNING)

TABLE 2—FREQUENCY OF LOW CLOUD HEIGHTS (MORNING)

TABLE 3—FREQUENCY OF VISIBILITY (MORNING)

3·0 km. a. s. l.										Amounts of low cloud.	No. of observations with Code figures.										No. of observations with Code figures.										STATION.
n	N	NE	E	SE	S	SW	W	NW	C		0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
16	2	2	1 1	1	1	2	2 2	1	1	1 — 10					1	13	3	4	1	8						1		14	15		Sambalpur
										9 or 10						2	1	1		18											
2			1	1						1 — 10			1	3	1	6	10	7	1	1							1	27	2		Tezpur
										9 or 10			1	2		4	3	1		25											
19	2					2	2 3	2 5		1 — 10							1	2	2	25								16	11	3	Trichinopoly
							3			9 or 10										15											
5							1	1 2		1 — 10						19	1		2	8					3	15	11	1			Trivandrum
							1			9 or 10						3			2	15											
11	1 1	1			1	1	2 1	2		1 — 10					2	3	4	4	2	15						2	20	8		Vizagapatam
								1		9 or 10							1			17											

ENCY (FORENOON)

TABLE 5—FREQUENCY OF LOW CLOUD HEIGHTS (FORENOON)

TABLE 6—FREQUENCY OF VISIBILITY (FORENOON)

8			1 1	1		1	1 1	1 1		1 — 10					2	9	5	2	2	10					1		3	26			Allahabad
										9 or 10										12											
15	1 2	3	1	1	1	1	1	1 1	1	1 — 10										30					1	5	18	6			Bahrein
	1									9 or 10																					
1					1					1 — 10				1	9	17	1	1	1							7	21	2			Bombay (Juhu)
										9 or 10				1	4	4			1	28											
2				1	1					1 — 10					6	18	5			1				1	2	27					Calcutta (Dum Dum)
										9 or 10					1	3				14											
11				1	1	1 1	1 1	1 2	1	1 — 10					5	12	6	1		6							9	21			Gaya
			1	1						9 or 10							1			12											
6		2 2						2		1 — 10					1	25				4						14	12	4			Gwador
										9 or 10						1				4											
15	1				1 1		2 1	5 3	1	1 — 10										20					2		21	7			Jacobabad
										9 or 10										1											
17	1 2	2 2	3 2 1	2 1				1		1 — 10					1	10	3	2		14						1	11	16	2		Jodhpur
										9 or 10						3	2			12											
10	1 1	2 5	1							1 — 10					2	21	4			3						2	22	5	1		Karachi (Drigh Road)
										9 or 10					2	3	1			9											
20	3 4	3	5					3 1		1 — 10							6	5	8	11			1			3	8	18			New Delhi
								1		9 or 10										3											
25	2	1	2 1	3 1	1 2	3 3 1	1	2 1	1	1 — 10										30						1	1	23	5		Sharjah
										9 or 10										2											

STATION.	Speed limits (km./hr.).	Surface.										0·5 km. above Surface.										1·0 km. a. s. l.										2·0 km. a. s. l.						
		n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW
Agra ...	6-25	30	5	3	4	2		2	5	6	3	30	3	2	7	1	1	1	1	3		30	4	4	8			1	1	2		28	3	2	5	1		
	26-50												1	1	2			1	3	3			2		2			1	3	2			1	2	2			
	51-75																																					
	>75																																					
Ahmedabad ...	6-25	30				1	3	11	3	2	10	30				5	1	8	7		2	30	1			4	2	7	3			26	4	1	1	1	1	1
	26-50																2	3	1	1							2	5	4	2			1			3	2
	51-75																																					
	>75																																					
Allahabad ...	6-25	30	1	4	5	3	1		7	2	7	29		3	3		2	3	4	2	1	30	1	2	5		1	3	3	1	1	20	1	1	5	2		
	26-50														6				4	1					5				5	2					1			2
	51-75																												1									
	>75																																					
Bahrein ...	6-25	30	10	3						16	1	30	4				1			2	1	30	2				2			1		27	3	1	2			
	26-50												7							2			7							4			4					
	51-75												3							6			3							10			3					
	>75												3							1			1															
Bangalore ...	6-25	11						2	5			11							1			11						1	5			8						
	26-50								4										7									1	4									
	51-75																		3																			
	>75																																					
Bhuj ...	6-25																																					
	26-50																																					
	51-75																																					
	>75																																					
Bombay (Juhu) ...	6-25	30				1	1	16	2	6	1	25						1		1		18					1	1	1			8				1	3
	26-50							3										1	9	1			1					4	7	1							
	51-75																	1	1									1	1								1
	>75																																					
Calcutta (Dum Dum)	6-25	30				11	6	7			6	29		1	1		4	1				28		1	1	1	1	3	3	1		23			2	1	1	4
	26-50														2	6	6	8								6	5	6							4	2	2
	51-75																																					
	>75																																					
Chittagong ...	6-25	30		1		5	6	13			5	30				1	4	3		1	1	26		1		2	7	2	1			20				3	4
	26-50																10	6		1						1	6	3		1					7	4	
	51-75																2	1									2										
	>75																																					
Dacca ...	6-25	30				15	9				6	30		1	1	4	6	2		1	1	26	1		1	3	3	3	2		1	14				4	1	3
	26-50															2	10	2								2	3	5								2	1
	51-75																									1	1									1		
	>75																																					
Fort Sandeman ...	6-25	30		1		1		7	1	2	16	30					3	8	2	5	8											29				3	8
	26-50					1			1							1		2																	1		1
	51-75														1																							
	>75																																					
Gaya ...	6-25	30	2	2	6	3		4	6	1	3	30	2	1	4	3		1	6	2	1	27	3		8	1		1	3	4	1	19			1	2		3
	26-50				2					1					5				3	1					2	1			3	1			1		2	1	
	51-75														1																							
	>75																																					
Gwador ...	6-25	30				5	9	15			1	30	1		1	7	3	8	4	3	1	28	4	6	4		2	1	6	2	3	25	8	3	1			1
	26-50																	1	1														1	5				
	51-75																																	1				
	>75																																					
Hyderabad (Dn.) ...	6-25	30						2	12	6	1	29							4	1		29							3	1		16					
	26-50							1	7	1								5	14	3								5	14	4							
	51-75																			1										1							
	>75																		1										1								
*Jacobabad ...	6-25	40			3	4	5	4			24	40		1	2	6	19	4		2	2	40		1	2	8	19	3		1	3	36	4	1	3	2	6	4
	26-50															1	3										3						2			1		
	51-75																																					
	>75																																					
Jodhpur ...	6-25	30		2		2		12	5	3	2	30			1		3	13	5	2	2	30		1	1	1	2	13	2	3	1	27	4	3	2	1	5	4
	26-50							4										3										4	2					1			
	51-75																	1																			
	>75																																					
Jubbulpore ...	6-25	30					1	13	2	7	7	30	1	1	1	2	1	4	7	4	1	30	1	1	1	2	1	2	8	5	1	19	3	1	2	2	1	
	26-50																	1	6	1								1	6	1			2		1			1
	51-75																																					
	>75																																					
Karachi (Drigh Road) ...	6-25	30					1	3	1			30					2	4	5			30	2	1	1	1	2	2	4	2		20	3	2	7			1
	26-50							18										5	11									1	10	1			1	2				
	51-75							1											3										2	1								
	>75																												1									

* Up to 10-6-38 there were ascents at 1230 hrs. I.S.T. in addition to the 16 hrs. ascent. The data for all these have been combined.

ed ts /).	3·0 km. a. s. l. n	N	NE	E	SE	S	SW	W	NW	C	Amounts of low cloud.	No. of observations with Code figures. 0	1	2	3	4	5	6	7	8	9	No. of observations with Code figures. 0	1	2	3	4	5	6	7	8	9	STATION.
·25	20	2	2	3				2	6		1 — 10				1			5	9	10	5						2	17	11			Agra
·50		2		1				1	1																							
·75											9 or 10										10											
>75																																
·25	15	3			1	2			1		1 — 10					1	3	4	12	4	6						1	13	16			Ahmedabad
·50		3	2	1		1			1																							
·75											9 or 10						1		2	2	20											
>75																																
·25	7			2					2		1 — 10						1	9	16	2	2							4	26			Allahabad
·50					2		1																									
·75											9 or 10										11											
>75																																
·25	18	5	1						1		1 — 10										30							5	25			Bahrein
·50		3				1			3																							
·75		1							3		9 or 10										1											
>75																																
·25	4							1			1 — 10						3	3	2	3							2	6	17	5		Bangalore
·50								1	1																							
·75								1			9 or 10						3				9											
>75																																
·25											1 — 10																	12	18			Bhuj
·50																																
·75											9 or 10																					
>75																																
·25	2					2					1 — 10					7	21	1			1						4	24	2			Bombay (Juhu)
·50																																
·75											9 or 10					5	3				28											
>75																																
·25	2				1	1					1 — 10					1	18	11									3	25	2			Calcutta (Dum Dum)
·50																																
·75											9 or 10					1	2				18											
>75																																
·25	11				3		3	2			1 — 10					12	10	7			1						3	9	16	2		Chittagong
·50					2			1																								
·75											9 or 10					2					21											
>75																																
·25	9			1	2	1	1	1	1		1 — 10				3	3	10	7	4		3							30				Dacca
·50								1	1																							
·75											9 or 10										10											
>75																																
·25	28	3	1	1		4	7	7	1	2	1 — 10						1		7	11	11			1	4	1	1	13	9	1		Fort Sandeman
·50							1	1																								
·75											9 or 10						1			1	4											
>75																																
·25	4				1				1		1 — 10					1	11	14	3		1							9	21			Gaya
·50				1				1																								
·75											9 or 10					1					11											
>75																																
·25	18	5	2						2		1 — 10					1	9				20						14	13	1	2		Gwador
·50		3	2					1	3																							
·75											9 or 10										1											
>75																																
·25	4							2			1 — 10					2	2	8	16	2							1	2	7	15	5	Hyderabad (Dn.)
·50									1																							
·75								1			9 or 10					2	1	2	5	1	25											
>75																																
·25	30	8	3	1		1	3	2	2	3	1 — 10								1		39					1	1	26	2			Jacobabad
·50		2						2	1																							
·75									2		9 or 10										2											
>75																																
·25	23	5	1	2	2	1	1	4			1 — 10							1	9	5	15						1	5	18	6		Jodhpur
·50		3	3		1																											
·75											9 or 10										1											
>75																																
·25	13		2	1		2		2			1 — 10						3	8	9	9	1							1	15	10	4	Jubbulpore
·50		3		1				1																								
·75			1								9 or 10						2	2	1		15											
>75																																
·25	15	1	1	1				1	2	1	1 — 10						15	7			8					1	3	20	6			Karachi (Drigh Road)
·50			5	1	1																											
·75			1								9 or 10							3			7											
>75																																

STATION.	Speed limits (km./hr.).	Surface.										0·5 km. above Surface.										1·0 km. a. s. l.										2·0 km. a. s. l.								
		n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	N
Lahore ...	6-25	30		4	2	7	2	1			14	30	1	1	4	3		4	1	2	6	30		1	6	3	4	5		2	7	24	2	1	3		2	2	6	
	26-50													1	2	1										2							1.						
	51-75																																							
	>75																																						
Madho Sagar (Gwalior).	6-25	30	3	8	1			4	8	1	5	27	3	3	2	1			1	4	1	28	3	4	2	1			1	4	1	26	5	4	4	1			2	
	26-50													1	2				5	4			1		2				5	4			1		2				
	51-75																																						
	>75																																						
Madras ...	6-25	30			2	5	1	13	4		5	30	1	1		2	1	3	13		1	30						1	11	2		29						2	
	26-50																	4	4									2	13	1								15	
	51-75																																					5	
	>75																																						
Malegaon ...	6-25																																						
	26-50																																						
	51-75																																						
	>75																																						
Mangalore ...	6-25																																						
	26-50																																						
	51-75																																						
	>75																																						
New Delhi ...	6-25	30	3	2	6	6		1	3	2	3	28	3	2	7	1			2	3		28	3	1	8	3			3	4		25	3	5	5	1		1	2	
	26-50							1	1	2					5				3	2					3				1	2			1						
	51-75																																						
	>75																																						
Peshawar ...	6-25	30	1	11	1	2	2	1		1	11	30	4	4	7	8	3				2	30	4	2	7	6	5				4	30				1	8	7	5	
	26-50														1		1								1		1								1				
	51-75																																						
	>75																																						
Poona ...	6-25	30						14	5	1		30						1	2			30						2	2			10						2	1	
	26-50							7	2	1								8	15									7	14									3	
	51-75																	2	2									1	4									3	
	>75																																						
Port Blair ...	6-25	30	1			4		13	4			26					2	3	1			17						2				5					1		2	
	26-50							7	1									14	4								1	9	3								1		
	51-75																	2										2									1		
	>75																																						
Raj-Samand (Kankroli)	6-25	30	1	2		2	2	10	1	6	6	28	4	1	1	2	1	9	3	5		28	3	1	1	2	1	9	4	5		24	5	2	3		3	3	5	
	26-50																	1		1								1		1			1						
	51-75																																						
	>75																																						
Sambalpur ...	6-25	30		1	1		1	10	7	1	9	28		3	2	1	2	7	10			28	1		2	3	1	7	3	1		19	2	1	2	4		1		
	26-50																		3					1					8	1								1	3	
	51-75																																						2	
	>75																																						
Sharjah ...	6-25	30						3	4	19		30	4	1			2	5	8	6		30	1	1	4	2	2	4	3	5	4	3	30		2	2	3	2	2	3	2
	26-50							2		2									4								1								1	3			
	51-75																																						
	>75																																						
Tezpur ...	6-25	30		2	4		2	10	2		10	30		2	4	2	3	6	6		1	29		1	3	1	2	8	3		2	21			1		7	1	3	
	26-50																	6									1	6	2								4	3	
	51-75																																						1	
	>75																																						
Trichinopoly ...	6-25	30						1	14	4	1	30						2		3		30						1	2			29						1	6	
	26-50								7										12										18									1	7	
	51-75																		13										9									9	
	>75																																					2	
Trivandrum ...	6-25																																						
	26-50																																						
	51-75																																						
	>75																																						
Vizagapatam ...	6-25	30				2	4	19	2	2	1	30			1	1	1	4	8	1		29		2				1	11	2		25	2					1	2	
	26-50																	10	4									2	8	1			1						6	
	51-75																												2										3	
	>75																																						

3·0 km. a. s. l.										Amounts of low cloud.	No. of observations with Code figures.										No. of observations with Code figures.										STATION.
n	N	NE	E	SE	S	SW	W	NW	C		0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
20	1						5	4		1 — 10						1	3	3	5	18				1		4	2	21	2		Lahore
	1	1				1	3	4		9 or 10										8											
15	1		3			1	3	2		1 — 10					3	3	9	6	4	5				1		1	7	12	9		Madho Sagar (Gwalior)
	1		2					2		9 or 10							2			15											
20							1			1 — 10								9	13	8									30		Madras
							13																								
							4	1		9 or 10								1	1	23											
							1																								
										1 — 10																2	9	11	7	1	Malegaon
										9 or 10																					
										1 — 10													1	1	3	6	8	11			Mangalore
										9 or 10																					
15		2	2	1			1	1	1	1 — 10						1	5	10	9	5					1	3	5	21			New Delhi
	1	1					1	3																							
	1									9 or 10								1		5											
29				1	2	6	9	6	2	1 — 10								6	9	15					1	3	6	8	6	6	Peshawar
					1	1	1	1																							
										9 or 10										2											
3					3					1 — 10						11	17	1	1							2	15	13			Poona
										9 or 10						4	2			26											
										1 — 10					21	9									1	7	10	11	1		Port Blair
										9 or 10					6	1				26											
17	5		1	3	2				1	1 — 10						8	12	5	1	4						1	10	18	1		Raj Samand (Kankroli)
	3	1	1																												
										9 or 10						1				9											
8	2				1			1		1 — 10					1	3	8	16	2							1	12	17			Sambalpur
		1		1				1																							
							1			9 or 10					1	1	1	2		13											
24	2	1	1	1	3	2	3	3	2	1 — 10								1	2	27						2	3	23	2		Sharjah
			2	1	1		1	1																							
										9 or 10																					
11					4	2	2			1 — 10					1	1	4	12	12									4	25	1	Tezpur
							3																								
										9 or 10							1	3		15											
23							6	2		1 — 10							5	13	5	7							1	14	10	5	Trichinopoly
						1	7	1																							
							3			9 or 10										22											
							3																		3	3	11	13			Trivandrum
16		1			2	2		4		1 — 10					1	6	8	4	3	8						2	15	13			Vizagapatam
							5	1																							
							1			9 or 10										19											

STATION.	Speed limits (km./hr.).	Surface.										0·5 km. above Surface.										1·0 km. a. s. l.										2·0 km. a. s. l.							
		n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W
Allahabad ...	6-25	30		3	6		1	7	4		9	30				4	2	3	3	1	1	29			1	2	4		7	1	1	14			3	2	2	2	3
	26-50														2	3		1	8						2	3			6	1					1				
	51-75																		2									1											
	>75																																						
Bahrein ...	6-25	30	1			1		2	1	18	7	30	4							3		27	2	1					1			16	2	2		1			
	26-50												4							3			8							4			1						1
	51-75												10							4			7							4									1
	>75												2																										
Bombay (Juhu) ...	6-25	30				4		17		6	3	22					1	5	4			10						4	2			4					3	1
	26-50																	4	7	1								1	3									
	51-75																																						
	>75																																						
Calcutta (Dum Dum) ...	6-25	30			2	12	5	9		1	1	27			1		1	2	2			27				1	6	5	2			6				4		1
	26-50															5	6	6	3							3	3	3	4									1
	51-75																1																						
	>75																																						
Gaya ...	6-25	30		3	8	4		8	3	1	3	30				2	4	2	6	1		30			1	1	5	1	6	2		18			2	1	1	4	2
	26-50															5	3		6	1					1	5		1	6	1					3	2			1
	51-75																												1										
	>75																																						
Gwador ...	6-25	30			3	1	1	2	3		20	30			1	5	4	9	6	1	2	27	1	1	1	2	1	3	8	3	3	21	4	2			1	2
	26-50													1					1				1	1						2				2				1	
	51-75																																						
	>75																																						
Jacobabad ...	6-25	30			2	14	9				5	30	1		1	1	4	2	3			30	1		1	3	7	12		3		28	1	1	1	1	5	4	6
	26-50															1	10	5		1									2	1									1
	51-75																1																						
	>75																																						
Jodhpur ...	6-25	30	1					11	3	1	1	30	2			1	1	6		1		30	2	1		2	3	4	1			27	1	4	2	4	3	1	2
	26-50							10	3									9	2									7	3					2	2				
	51-75																	4	3									4	2										
	>75																	1										1											
Karachi (Drigh Road) ...	6-25	30				1		13	8	4	1	30						3	9			22						3	4	9	1	12	2		4	1	1		2
	26-50							2	1								1	1	16											4					1				1
	51-75																																						
	>75																																						
Madho Sagar (Gwalior).	6-25	2						1	1			2										2										2							
	26-50																		1										1										
	51-75																		1										1										
	>75																																						
New Delhi ...	6-25	30			7	8		2	5	1	7	30				9	2	1	3	2		29				7	2	1	4	3		27	5	3	5			1	2
	26-50															5	1		5							6			2	2									2
	51-75																		2										2										
	>75																																						
Raj Samand (Kankroli).	6-25	10						6	1	2	1	10							1	1		10							2	1		5					1	1
	26-50																	1	6	1								2	4	1			1					
	51-75																																						
	>75																																						
Sharjah ...	6-25	30		4		9	7	4			6	30	2	3	1		1	4	6	6	1	30	1		1	1		8	8	5		30	1	1	1	5	2	7	2
	26-50																	1	2	3					1				4	1								4	3
	51-75																																						
	>75																																						

3·0 km. a. s. l.										Amounts of low cloud.	No. of observations with Code figures.										No. of observations with Code figures.										STATION.
n	N	NE	E	SE	S	SW	W	NW	C		0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
4					1	1		1	1	1 — 10						3	5	6		16							8	22			Allahabad
										9 or 10						1				9											
7	1		3					1		1 — 10					1					29					1	7	18	4			Bahrein
				1	1					9 or 10										1											
2						1			1	1 — 10					14	13			1	2					3	2	25				Bombay (Juhu)
										9 or 10					6	5				21											
										1 — 10					8	9		2		11				1	1	28					Calcutta (Dum Dum)
										9 or 10					2	1				8											
5			1	2	1	1				1 — 10						8	4	1	1	16						3	20	7			Gaya
										9 or 10						1				9											
13	3	1				1	1	2		1 — 10					3	16				11						16	14				Gwador
		3				1	1			9 or 10										1											
18	3	2	1	1			4	7		1 — 10							1			29						1	22	7			Jacobabad
										9 or 10							1			2											
19	2	3	2	2		1			1	1 — 10								1	2	27						2	12	16			Jodhpur
	1	5	2							9 or 10										10											
3										1 — 10					10	9	2			9						1	21	8			Karachi (Drigh Road)
		1	2							9 or 10					4	2	1			12											
										1 — 10										2								2			Madho Sagar (Gwalior).
										9 or 10																					
17	3		2			1	1	5	1	1 — 10						1		6	2	21							21	9			New Delhi
	3							1		9 or 10										3											
3	2								1	1 — 10					1	4	1			4							10				Raj Samand (Kankroli).
										9 or 10										1											
28	1	1	2	6	4	3	4			1 — 10										30		1					3	25	1		Sharjah
			1		1	2	1	1		9 or 10										1											
					1																										

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INDIA WEATHER REVIEW, 1938

Monthly Weather Report

July

Published by authority of the Government of India

Summary.—Though depressions were few and shallow, rainfall was fairly well distributed over the country, the average over the plains being just normal.

Associated with a short spell of disturbed weather over the north Bay of Bengal in the beginning, the monsoon weakened over northeast India, the only region where it has been active, and strengthened along and near the west coast, becoming vigorous in Malabar. Subsequently, there was also a revival over the Deccan and the central parts of the country and, towards the end of the first week, even in northeast India.

Thenceforward the monsoon continued active over most of eastern and central India and the northern half of the Peninsula including Gujarat, temporarily reviving also in Rajputana and along the western Himalayas up to the North-West Frontier Province. Between the 9th and 11th it further strengthened over its field, in association with the passage of a shallow depression from Bengal northwestwards through Bihar, and some heavy falls of rain occurred in the United Provinces, west Central India, Gujarat, the Central Provinces and Bihar. Another spell of strong monsoon was experienced over the belt from west Bengal and Orissa to the extreme north of the country and later in parts of Gujarat, Rajputana and the Deccan under the influence of unsettled weather over the north Bay of Bengal and a western disturbance over the northwest frontier, between the 17th and 20th. As a shallow depression then formed over Orissa and the east Central Provinces and travelled towards northwest India to merge into the seasonal low by the 26th, the monsoon strengthened over the whole region from the Orissa-Ganjam coast to Baluchistan, along and near the western and central Himalayas and subsequently, over the rest of northwest India on the one hand and in the Deccan on the other, fairly good rainfall occurring meanwhile in the other parts. According to press reports, heavy floods in the Brahmaputra river and its tributaries, following continuous rain in the Bhutan hills caused submersion of wide areas and breaches in railway lines resulting in serious dislocation of traffic between Assam and Bengal.

During the last few days of the month there was a considerable increase in thunderstorm activity over the Southeast of the Peninsula.

Weather was much warmer than usual over the region from east Rajputana to the North-West Frontier Province between the 3rd and the 5th and in the Punjab again on the 13th-14th. Low temperatures prevailed in the extreme north on the 9th, in the Central Provinces and the north Deccan from the 10th to the 14th, in the United Provinces and Central India between the 17th and 20th and over the belt from upper Sind to the north Punjab on the 23rd and the 24th.

The total rainfall of the month was in large excess in Baluchistan, west Central India and Berar, in slight to moderate excess in the United Provinces, the west Central Provinces, the Bombay Deccan, Hyderabad and south Madras, normal in Assam, Bihar, Kashmir, east Rajputana and east Central India, and in slight to moderate defect in the remaining sub-divisions except the southwest Punjab, the North-West Frontier Province and Sind, where it was in large defect. Averaged over the plains of India the month's rainfall was normal.

The mean maximum temperature was above normal in the Punjab and below normal in the east United Provinces, Baluchistan, west Central India, Berar, the west Central Provinces, Hyderabad and the Madras Deccan.

The mean relative humidity was in excess in Berar and north Hyderabad and in defect in the North-West Frontier Province.

The mean cloud amount was above normal in Orissa, the United Provinces, the east Central Provinces and southeast Madras and below normal in the southwest Punjab.

[Price 8 annas.]

Table I contains the divisional and sub-divisional means of rainfall, temperature, humidity and cloud for the 16 chief political divisions and the 33 sub-divisions; these means are based on the observations at the stations whose monthly mean data are given in the subsequent tables.

POONA No. 5:
The 30th September 1938.

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

	Rainfall.				Departure from normal of				
							8 hrs, L. M. T.		
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Vapour pressure.	Relative humidity.	Cloud.
1	2	3	4	5	6	7	8	9	10
Division	"	"	"		°	°	"	%	
Burma ...	21·48	25·77	−4·29	− 17	−0·8	0	−·009	+ 1	+0·7
Assam ...	16·14	15·73	+0·41	+ 3	−0·7	0	−·014	0	+1·3
Bengal ...	13·90	15·64	−1·74	− 11	−0·3	+ 0·6	−·002	− 1	+1·0
Orissa ...	9·96	11·77	−1·81	− 15	−0·4	− 0·2	+·003	+ 2	+1·9
Bihar ...	12·18	12·70	−0·52	− 4	−0·8	+ 0·1	+·015	+ 1	+1·3
United Provinces.	14·51	12·13	+2·38	+ 20	−1·5	− 0·4	+·027	+ 4	+1·9
Punjab ...	3·15	4·93	−1·78	− 36	+2·3	+ 0·9	−·003	− 4	−0·6
North-West Frontier Province.	0·49	1·94	−1·45	− 75	+1·8	+ 0·5	−·054	− 8	+0·1
Sub-division									
Bay Islands ...	12·51	15·85	−3·34	− 21	−0·1	− 0·3	−·002	0	−0·2
Lower Burma ...	29·66	36·55	−6·89	− 19	−0·7	0	−·004	+ 1	+0·9
Upper Burma ...	8·63	8·84	−0·21	− 2	−0·9	0	−·015	0	+0·5
Assam ...	16·14	15·73	+0·41	+ 3	−0·7	0	−·014	0	+1·3
Bengal ...	13·90	15·64	−1·74	− 11	−0·3	+ 0·6	−·002	− 1	+1·0
Orissa ...	9·96	11·77	−1·81	− 15	−0·4	− 0·2	+·003	+ 2	+1·9
Chota Nagpur ...	9·33	12·79	−3·46	− 27	−0·5	− 0·1	+·025	+ 1	+1·1
Bihar ...	13·32	12·66	+0·66	+ 5	−1·0	+ 0·2	+·007	+ 1	+1·3
United Provinces, East.	14·00	11·60	+2·40	+ 21	−2·2	− 0·1	+·027	+ 4	+2·0
Do. do. West.	14·95	12·58	+2·37	+ 19	−0·9	− 0·7	+·026	+ 5	+1·9
Punjab, East and North.	5·28	6·90	−1·62	− 23	+2·3	+ 0·9	−·014	− 4	−0·1
Do. Southwest.	0·67	2·63	−1·96	− 75	+2·2	+ 0·8	+·014	− 3	−1·4
Kashmir ...	3·19	3·53	−0·34	− 10	0	+ 1·6	+·009	− 1	−0·4
North-West Frontier Province.	0·49	1·94	−1·45	− 75	+1·8	+0·5	−·054	− 8	+0·1
Baluchistan ...	1·67	1·02	+0·65	+ 64	−2·1	+ 0·1	+·017	+ 1	−0·1
Sind ...	0·73	1·95	−1·22	− 63	−0·4	− 0·5	+·006	+ 2	+0·7
Rajputana, West.	2·31	3·69	−1·38	− 37	−1·2	+ 0·2	+·006	+ 3	+0·5

	Rainfall.				Departure from normal of				
							8 hrs. L. M. T.		
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Vapour pressure.	Relative humidity.	Cloud.
1	2	3	4	5	6	7	8	9	10
Division—*contd.*	"	"	"		°	°	"	%	
9. Sind ...	0·73	1·95	−1·22	− 63	−0·4	−0·5	+·006	+ 2	+0·7
10. Rajputana ...	6·24	6·98	−0·74	− 11	−0·1	+0·3	−·009	0	+0·9
11. Bombay ...	10·76	11·89	−1·13	− 10	−1·4	−0·3	+·002	+ 3	+0·8
12. Central India ...	13·49	11·48	+2·01	+ 18	−1·5	−0·6	−·008	+ 3	+0·7
13. Central Provinces and Berar.	15·35	13·40	+1·95	+ 15	−2·1	−0·4	+·011	+ 5	+1·3
14. Hyderabad ...	9·83	7·34	+2·49	+ 34	−3·1	−0·2	+·008	+ 5	+1·0
15. Mysore ...	2·81	3·83	−1·02	− 27	+0·5	+0·5	−·016	− 1	+0·6
16. Madras ...	7·56	6·97	+0·59	+ 8	−1·2	0	−·019	0	+1·1
Mean of India (excluding Burma).	9·70	9·67	+0·03	0	−0·7	0	−·001	+ 1	+0·9
Sub-division—*contd.*									
18. Rajputana, East.	7·22	7·81	− 0·59	− 8	+0·2	+0·3	−·018	− 1	+1·2
19. Gujarat ...	7·07	9·15	− 2·08	− 23	−1·4	−0·1	−·002	+ 2	+1·4
20. Central India, West	14·13	9·38	+ 4·75	+ 51	−2·5	−0·2	−·015	+ 3	+0·5
21. Do. do. East.	12·85	13·58	− 0·73	− 5	−0·5	−1·1	−·001	+ 3	+0·9
22. Berar ...	14·01	9·01	+ 5·00	+ 55	−3·1	−0·5	+·007	+ 7	−0·3
23. Central Provinces, West.	17·44	14·07	+ 3·37	+ 24	−2·5	−0·8	+·013	+ 5	+1·5
24. Do. do. East.	12·89	14·60	− 1·71	− 12	−0·9	+0·1	+·009	+ 3	+1·8
25. Konkan ...	25·79	31·77	− 5·98	− 19	−0·7	−0·6	−·014	+ 2	−0·5
26. Bombay Deccan...	8·78	6·55	+ 2·23	+ 34	−1·9	−0·5	+·016	+ 4	+0·7
27. Hyderabad, North	11·75	8·12	+ 3·63	+ 45	−3·9	0	+·019	+ 7	+1·3
28. Do. South	7·90	6·57	+ 1·33	+ 20	−2·5	−0·4	+·001	+ 5	+0·8
29. Mysore ...	2·81	3·83	−1·02	− 27	+0·5	+0·5	−·016	− 1	+0·6
30. Malabar ...	29·05	24·40	+4·65	+ 19	−1·0	−0·3	0	+ 2	+0·5
31. Madras, Southeast	2·81	2·40	+ 0·41	+ 17	−0·7	+0·4	−·049	− 3	+1·6
32. Do. Deccan...	2·20	3·49	− 1·29	− 37	−2·2	−0·4	+·013	+ 2	+1·5
33. Do. Coast, North	4·15	4·96	− 0·81	− 16	−1·7	−0·5	+·001	+ 2	+0·4

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Relative humidity %	
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Bay Islands																					
*Port Blair ...	59/261	29·675	−·016	29·487	85·3	− 0·1	89	27, 31	77·2	−0·3	74	15, 16	80·9	80·1	77·6	76·8	·910	−·002	·878	86	0
Lower Burma																					
Victoria Point ...	157	29·661	+·011	29·601	82·5	− 0·8	86	26	74·2	−0·7	70	13	77·7	78·8	75·7	76·1	·869	−·001	·862	91	+ 3
Mergui ...	66	29·727	+·004	29·654	82·8	− 1·6	89	27, 28	75·1	+1·9	72	10, 11	76·8	78·4	75·6	75·8	·882	+·004	·862	95	+ 2
Tavoy ...	19	29·763	−·006	29·694	82·6	− 0·7	91	25	74·0	−0·3	71	9, 11	76·2	78·0	75·2	75·9	·854	−·014	·870	96	+ 3
Amherst ...	71	29·691	+·011	29·625	82·1		86	5	74·4		72	10	77·2	79·0	75·6	76·4	·875		·862	93	
Rangoon ...	18	29·707	−·001	29·647	85·4	+ 0·1	91	31	75·1	−0·7	73	4 days	78·8	79·9	77·0	76·8	·899	−·010	·885	92	0
Tharrawaddy ...	49	29·673		29·607	86·5		92	31	75·3		72	13	79·1	79·1	77·6	77·1	·937		·899	93	
Bassein ...	20	29·702	+·018	29·645	85·4	+ 0·2	90	30, 31	75·6	−0·5	71	10	79·3	80·1	77·7	77·7	·937	+·008	·923	92	− 1
Diamond Island ...	41	29·670	+·004	29·618	83·8	− 0·8	86	28,30,31	77·0	+0·8	72	13	80·5	80·8	77·7	77·8	·916	+·003	·916	88	+ 2
Gwa ...	11	29·694		29·631	84·4		88	4 days	75·4		74	10 days	78·5	81·1	77·2	79·0	·906		·962	93	
Sandoway ...	28	29·673		29·616	86·5		90	2	75·0		73	5 days	78·8	80·1	76·9	77·3	·899		·885	91	
Toungoo ...	158																				
Kyaukpyu ...	18	29·653	+·021	29·596	84·0	− 0·8	87	24	75·9	−0·2	73	25,26,27	78·7	80·8	77·5	78·2	·912	−·004	·923	94	+ 2
Akyab ...	29	29·647	+·037	29·584	83·7	− 0·9	87	4 days	76·5	−0·5	74	10, 26	79·0	80·4	77·6	77·9	·937	−·018	·923	94	0
Upper Burma																					
Minbu ...	168	29·508	+·017	29·421	91·2	+ 0·3	99	30	77·5	+0·1	75	26	82·0	86·2	76·9	77·3	·858	−·014	·804	79	− 4
Yamethin ...	644	29·053	+·021	28·961	90·1	+ 0·4	95	20	74·8	−0·1	70	11	79·3	83·0	75·3	77·2	·812	−·019	·847	83	− 1
Mandalay ...	252	29·425	+·022	29·316	92·2	− 0·8	95	5 days	77·5	−0·3	72	11	80·9	87·5	75·4	77·6	·792	−·057	·822	77	− 1
Monywa ...	267	29·399	+·016	29·287	93·9	− 0·5	98	17, 18	79·0	−0·1	75	21	82·1	88·4	77·5	80·1	·865	−·014	·906	82	+ 2
Lashio ...	2,802	26·923	+·017	26·836	80·8	− 2·3	86	21	70·0	0	68	4 days	73·0	76·1	70·8	72·5	·732	+·010	·766	89	+ 1
Bhamo ...	386	29·256	+·010	29·168	86·3	− 1·9	93	1	75·8	+0·9	73	24, 29	78·4	82·2	76·6	78·2	·901	−·007	·906	92	− 1
Myitkyina ...	476	29·162	+·011	29·079	85·5	− 1·6	93	21	75·3	−0·2	73	23,24,28	77·5	82·0	76·0	78·1	·875	−·007	·903	94	+ 2
Assam																					
Dibrugarh ...	348	29·262	+·014	29·167	86·9	+ 0·2	93	27	75·2	−0·2	70	29	78·5	83·0	77·1	79·0	·906	−·005	·935	94	0
Sibsagar ...	317	29·285	+·011	29·193	89·0	− 0·2	95	11	77·5	−0·2	73	8	80·5	85·6	77·5	79·8	·885	−·069	·940	87	− 5
Tezpur ...	258	29·353	+·016	29·252	89·0	− 0·2	93	4 days	76·9	−0·7	73	18	79·7	84·9	77·8	79·5	·930	−·002	·914	91	0
Gauhati ...	196	29·415	+·021	29·321	88·9	− 1·3	93	2, 3, 8	78·1	+0·1	75	18	81·1	84·4	78·5	79·7	·955	0	·961	89	+ 1
Dhubri ...	115	29·490	+·035	29·406	84·5	− 1·4	88	5 days	78·1	−0·1	76	4 days	80·1	82·3	78·5	79·3	·969	+·016	·948	92	+ 1
Silchar ...	96	29·543	+·031	29·444	89·2	− 0·8	96	21	76·6	−0·6	75	5 days	80·0	83·2	77·9	79·3	·930	−·017	·935	91	+ 1
Srimangal ...	69	29·551	+·022	29·459	89·7	− 0·6	93	1	77·1	+0·9	73	20	80·7	83·3	77·9	79·7	·916	−·020	·974	88	0
Bengal																					
Cox's Bazar ...	38	29·602	+·036	29·534	84·8	− 0·6	88	21	75·9	−0·4	74	10,26,27	80·0	81·3	77·3	77·9	·892	−·033	·910	88	− 3
Chittagong ...	87	29·551	+·035	29·476	86·5	+ 0·6	90	1,23	77·2	+0·6	75	27	80·1	82·0	77·0	78·3	·885	−·032	·910	86	− 3
Noakhali ...	22	29·581	+·014	29·510	85·6	− 0·2	88	4 days	78·5	+0·4	76	26	81·6	83·1	79·0	79·8	·955	+·009	·981	89	− 1
Comilla ...	37	29·563	+·013	29·485	88·5	+ 1·0	94	1	77·9	+1·0	76	25, 27	81·9	83·7	78·9	79·4	·948	+·012	·928	87	− 2
Brahmanbaria ...	32	29·566		29·484	88·1	− 0·8	91	1	78·1	+1·8	76	9, 10	82·1	84·7	78·5	80·0	·942	+·021	·961	84	0
Narayanganj ...	26	29·561	+·019	29·484	89·0	+ 0·8	92	6, 7, 22	78·6	−0·3	77	5 days	82·9	84·7	79·3	79·7	·942	−·032	·954	85	− 4
Mymensingh ...	62	29·541	+·025	29·452	87·9	+ 0·4	92	1, 22	78·2	−0·1	75	22, 29	81·4	84·6	79·0	80·0	·955	−·007	·961	90	0
Faridpur ...	27	29·547	+·004	29·467	87·5	− 0·2	92	5, 6	79·2	+0·8	76	31	83·1	84·3	79·9	80·1	·981	−·007	·968	86	− 5
Barisal ...	11	29·572	+·023	29·500	87·8	+ 0·4	92	1, 6	79·7	+1·2	77	23,25,26	82·5	84·0	79·3	79·3	·948	−·028	·928	87	− 2
Khulna ...	16	29·562	+·030	29·481	88·5	+ 0·5	94	6	79·1	+0·8	73	25	83·3	84·1	80·0	79·7	·974	+·009	·961	86	0
Jessore ...	26	29·530	+·010	29·450	88·3		93	4	78·3		75	30	83·1	83·9	80·7	80·8	1·022	+·037	1·015	89	+ 1
Satkhira ...		29·589	+·033	29·462	89·0	+ 0·6	94	6, 7	79·0	+1·1	76	9, 31	83·2	84·7	80·3	80·6	·981	−·022	1·001	87	− 1
Calcutta ...	22	29·528	+·017	29·452	89·5	+ 0·2	94	1	79·6	+1·3	77	26,28,29	82·7	85·0	79·9	80·7	·984	+·018	·998	88	+ 1
Saugor Island ...	10	29·534	+·016	29·465	87·1	− 0·7	91	1, 13	80·4	+0·1	74	14	83·0	84·7	79·8	79·9	·978	−·015	·954	86	− 1
Sandheads ...	28	29·518	+·017	29·454									83·1	84·3	79·9	80·5	·981	−·021	1·001	86	− 2
Midnapore ...	149	29·395	+·016	29·316	90·2	+ 0·1	93	1	78·9	+0·1	76	1, 30	82·6	83·8	79·5	79·9	·948	+·006	·968	87	+ 2
Burdwan ...	99	29·451	+·020	29·365	90·3	+ 0·2	94	1, 6	78·9	−0·3	77	19,20,31	82·6	84·8	79·8	80·1	·981	+·024	·961	88	+ 1
Krishnagar ...	48	29·507	+·018	29·424	89·9	0	94	1, 2	78·4	−0·3	76	31	83·4	84·8	80·3	80·7	·981	+·009	1·001	86	− 2
Asansol ...	414	29·117	+·020	29·030	89·5	− 0·7	95	5	78·4	+0·4	76	12, 26	81·9	85·0	78·8	79·4	·948	−·020	·914	86	− 3
Berhampore ...	62	29·475	+·002	29·390	89·7	+ 0·1	93	2	78·8	−0·1	76	12	82·6	84·9	79·9	80·9	·988	+·006	1·001	88	− 2
Bogra ...	63	29·516	+·021	29·428	88·2	− 0·7	92	6	79·1	+0·6	77	18,22,23	82·2	84·8	79·7	80·5	·988	+·016	·995	88	− 1
Malda ...	108	29·449	+·034	29·368	87·9	− 2·0	91	2, 8, 22	79·9	+1·0	75	6	82·6	85·5	79·8	80·5	·931	−·011	·988	83	− 2
Dinajpur ...	123	29·436	+·013	29·356	87·7	− 1·6	92	22	79·3	+0·6	77	4 days	81·6	85·6	79·6	81·7	·995	+·026	1·036	91	+ 1
Jalpaiguri ...	271	29·314	+·016	29·232	86·6	− 1·9	91	2	76·6	−0·5	75	5 days	79·6	83·0	77·7	79·3	·930	−·021	·942	91	− 1
Addenda for June																					
Toungoo ...	158	29·565	+·005	29·473	87·6	− 1·4	91	4 days	75·6	+0·2	73	22	79·3	80·8	76·6	77·1	·892	−·030	·878	88	− 1

*8 hrs. observations at surface observatory (old site), height 59 feet; 17 hrs. observations at combined observatory (new site), height 261 feet.

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																STATION.
											8 hrs. L. M. T.									17 hrs. I. S. T								
8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																													Bay Islands
·0	− 0·2	9·6	12·51	− 2·74	2·10	15	19	− 0·5	5·7	− 2·7	0	0	0	0	4	11	9	2	5	0	0	0	1	1	22	6	0	1	*Port Blair
																													Lower Burma
·3	+ 0·5	9·0	27·02	− 3·03	3·68	5	24	+ 0·8	3·7	− 3·2	1	2	2	7	5	5	2	1	6	0	0	2	1	2	15	5	2	4	Victoria Point
·4	+ 1·6	8·2	21·86	− 9·59	1·96	11	27	+ 1·7	4·0	+ 1·9	1	3	4	15	4	2	1	1	0	1	1	2	5	5	9	2	4	2	Mergui
·4	+ 1·4	9·2	37·90	−11·32	4·82	16	29	+ 2·2	2·7	+ 1·3	0	0	0	0	2	1	0	0	28	0	0	0	1	5	2	1	0	22	Tavoy
·6		9·4	36·80	− 9·01	4·41	11	28	+ 1·1	8·1		0	0	1	8	12	2	0	1	7	0	0	0	0	15	11	2	1	2	Amherst
·9	− 0·3	8·7	21·67	+ 0·25	3·66	26	24	− 1·1	2·9	− 0·8	0	0	1	5	8	4	1	1	11	1	0	0	3	12	9	1	1	4	Rangoon
·9		8·4	19·94	− 1·20	3·42	8	23	− 2·2	3·5		0	0	2	21	2	4	1	0	1	0	0	0	4	4	13	3	0	7	Tharrawaddy
·5	+ 1·6	9·6	20·15	− 4·40	2·29	19	27	+ 1·1	3·9	+ 0·4	0	0	0	6	15	5	0	1	4	0	0	0	0	0	16	6	0	9	Bassein
·6	+ 1·3	9·3	22·21	− 3·26	2·97	20	19	− 4·3	8·1		0	0	0	2	7	15	6	1	0	0	0	0	2	6	15	8	0	0	Diamond Island
·5		9·6	31·32	−16·07	4·72	8	28	+ 1·8	2·6		1	1	1	17	0	2	1	1	7	1	0	0	8	3	8	6	0	5	Gwa
·3		9·6	30·79		5·74	11	24		1·4		0	4	2	1	7	1	0	0	16	0	2	0	1	6	7	2	0	13	Sandoway
																													Toungoo
·0	+ 0·5	9·0	36·52	−14·24	5·05	13	28	+ 0·7	5·4	+ 2·5	0	0	0	15	10	4	0	1	1	0	0	0	4	9	17	1	0	0	Kyaukpyu
·7	+ 0·9	9·6	50·82	− 3·98	5·25	26	27	− 0·6	12·3		0	3	10	6	7	3	2	0	0	0	2	0	6	13	9	1	0	0	Akyab
																													Upper Burma
·1	− 0·7	6·1	3·11	− 1·41	0·72	26	8	− 1·2	4·8	− 1·7	0	0	0	24	5	0	0	0	2	0	0	0	3	5	4	2	0	17	Minbu
·6	+ 0·3	8·0	2·82	− 1·09	1·15	26	6	− 3·3	5·9		0	0	0	1	29	0	0	0	1	1	0	0	2	25	1	0	0	2	Yamethin
·4	+ 1·7	9·5	1·76	− 0·98	1·01	4	4	− 1·7	7·2	− 2·5	0	0	0	9	21	1	0	0	0	1	2	3	12	11	0	1	0	1	Mandalay
·2	− 0·1	7·3	2·72	− 0·02	0·88	7	5	+ 0·1	4·0	+ 0·2	0	0	0	9	19	2	0	0	1	1	0	0	8	7	3	1	2	9	Monywa
·1	+ 0·2	9·1	11·36	− 0·64	1·95	7	17	− 0·5	2·1	− 0·9	0	0	0	2	8	6	1	0	14	0	0	0	0	6	9	3	1	12	Lashio
·7	+ 1·1	9·2	14·69	− 2·09	3·55	28	16	− 3·7	1·7	+ 0·5	1	3	0	0	4	4	2	6	11	4	2	0	0	2	3	2	3	15	Bhamo
·7	+ 0·9	9·5	23·98	+ 4·81	2·80	8	22	+ 0·7	2·7	+ 1·2	2	3	3	8	7	3	0	2	3	1	1	2	6	10	6	1	0	4	Myitkyina
																													Assam
·8	+ 1·9	8·6	24·25	+ 2·46	3·49	17	20	− 2·1	1·8	+ 1·1	4	2	4	1	2	0	1	2	15	3	5	4	0	1	1	0	2	15	Dibrugarh
·7	+ 0·7	8·3	15·76	− 1·25	3·88	14	20	+ 0·5	4·5	+ 2·4	0	4	3	5	3	9	2	1	4	4	5	4	2	3	6	1	5	1	Sibsagar
·1	+ 1·0	6·9	16·41	+ 1·98	5·50	18	18	+ 0·5	1·9	0	0	1	12	2	2	4	4	0	6	0	3	6	0	2	2	7	1	10	Tezpur
·0	+ 1·2	8·5	15·75	+ 4·01	3·46	13	17	+ 2·1	2·1	+ 0·9	2	6	5	3	2	4	3	3	3	2	2	2	5	2	5	8	2	3	Gauhati
·3	+ 0·5	7·9	20·34	+ 3·29	3·55	6	16	− 0·1	4·8	+ 1·3	2	11	6	4	4	1	0	0	3	2	6	3	3	6	6	1	0	4	Dhubri
·3	+ 0·5	3·8	23·07	+ 3·33	2·58	24	26	+ 3·4	1·1	− 0·6	0	2	4	3	0	0	0	0	22	4	0	0	2	1	3	3	4	14	Silchar
·8	+ 3·4	9·0	8·50	− 7·97	1·91	24	16	− 5·7	4·0		1	2	6	9	11	2	0	0	0	2	2	1	5	11	2	2	2	4	Srimangal
																													Bengal
·1	+ 1·6	9·0	23·40	−12·54	4·48	27	21	− 1·5	6·3	+ 1·7	0	0	3	16	9	1	1	0	1	0	0	0	14	16	1	0	0	0	Cox's Bazar
·5	+ 0·7	9·2	7·28	−15·12	1·75	11	14	− 4·6	5·3		0	0	4	19	8	0	0	0	0	0	0	1	7	18	5	0	0	0	Chittagong
·6	+ 2·3	8·1	11·31	−13·01	1·40	10	20	− 2·6			0	0	3	11	13	4	0	0	0	0	0	0	6	16	8	1	0	0	Noakhali
·7	+ 2·9	9·5	10·17	− 4·88	1·65	30	19	+ 0·8	5·2		0	1	4	8	13	4	0	0	1	0	0	0	2	21	6	0	0	2	Comilla
·6		9·1	7·18	− 4·53	0·82	6	17	+ 0·7	5·7		1	1	0	16	10	3	0	0	0	1	1	0	9	14	6	0	0	0	Brahmanbaria
·2	+ 0·7	8·5	14·07	+ 1·09	1·95	11	24	+ 6·8	6·2	+ 1·0	0	0	3	13	10	5	0	0	0	0	0	0	11	17	3	0	0	0	Narayanganj
·5	+ 1·2	7·8	10·89	− 5·57	1·95	17	16	− 3·8	3·9	+ 1·5	0	3	5	18	3	2	0	0	0	0	2	6	16	2	2	1	0	2	Mymensingh
·7	+ 1·5	8·1	11·18	− 1·65	0·89	15	23	+ 5·4	8·5		0	0	0	18	12	0	0	0	1	0	1	0	17	12	0	0	0	1	Faridpur
·6	+ 0·7	8·2	8·72	− 6·88	0·94	10	22	+ 1·6	6·0	+ 3·3	0	0	2	18	10	1	0	0	0	0	0	0	14	14	3	0	0	0	Barisal
·7	+ 0·2	8·4	12·70	+ 1·65	2·75	10	21	+ 1·2	5·7		0	0	5	9	10	6	1	0	0	0	0	3	12	10	5	0	0	1	Khulna
·7	− 1·6	6·2	10·51	− 1·69	2·22	11	18	+ 0·7	5·8	+ 3·1	0	0	4	10	16	1	0	0	0	0	0	1	6	16	2	0	3	6	Jessore
·0	+ 1·5	8·2	11·59	+ 0·22	2·31	9	22	+ 1·0	3·5		0	1	6	3	17	3	1	0	0	0	1	5	4	10	8	1	0	2	Satkhira
·2	+ 0·6	8·7	6·11	− 6·40	1·12	19	14	− 3·8	3·5	− 0·3	0	0	4	4	10	5	0	0	4	0	0	1	3	14	10	0	0	3	Calcutta
·6	0	8·1	6·82	− 7·83	1·09	29	17	+ 1·2	15·4	+ 3·9	1	2	2	4	9	10	1	1	1	0	0	0	5	17	7	2	0	0	Saugor Island
·2	− 1·5	5·8	7·89	− 2·03	3·13	19	9	− 3·1			0	0	2	1	6	16	4	2	0	0	0	0	3	9	15	3	1	0	Sandheads
·7	+ 1·8	8·5	6·77	− 5·76	1·76	26	12	− 3·9	3·0	+ 0·5	1	1	4	2	19	1	0	0	3	0	0	1	7	15	4	0	1	3	Midnapore
·6	− 0·8	7·5	10·43	− 2·14	2·04	11	16	+ 0·3	2·8		0	0	0	14	10	4	1	1	1	0	0	1	16	9	2	1	0	2	Burdwan
·3	+ 1·6	9·2	14·15	+ 3·07	3·55	11	16	+ 0·1	4·5		0	1	5	6	11	8	0	0	0	0	0	1	14	7	6	0	0	3	Krishnagar
·3	+ 1·0	9·5	6·96	− 6·80	1·50	26	14	− 3·1	5·0		1	1	7	8	5	3	3	3	0	0	3	8	7	4	5	2	1	1	Asansol
·3	+ 0·1	8·2	11·56	+ 0·71	1·75	12	20	+ 4·1	4·1	+ 0·8	0	9	2	13	2	2	0	0	3	0	3	4	12	1	1	0	1	9	Berhampore
·3	+ 1·2	7·6	14·10	+ 1·04	3·97	18	19	+ 2·4	3·3	+ 1·3	0	0	9	12	5	5	0	0	0	0	0	9	9	9	2	1	0	1	Bogra
·0	+ 2·6	3·4	10·45	− 0·52	4·02	6	12	− 2·6	5·4		0	0	10	8	9	3	0	0	1	1	1	8	10	10	0	0	0	1	Malda
·2	+ 0·3	7·5	27·78	+12·28	4·67	29	22	+ 4·9	3·0[a]	+ 0·1	1	4	14	6	3	0	1	0	0	1	3	11	8	2	1	0	0	5	Dinajpur
·3	+ 2·3	7·1	36·99	+ 5·71	5·54	28	22	+ 0·1	3·9	+ 2·3	2	4	19	3	1	1	0	0	1	1	6	7	9	1	1	2	1	3	Jalpaiguri
																													Addenda for June
·4	+ 0·5	9·2	11·36	− 2·78	2·61	16	22	+ 1·4	4·3	+ ~~·06~~ 0·6	0	0	1	14	13	2	0	0	0	0	1	2	11	11	2	0	1	2	Toungoo

a—Mean of 30 days.

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Relative humidity %	
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Orissa																					
Balasore ...	65	29·481	+·016	29·405	88·9	− 0·5	97	1	78·9	+0·5	75	19	81·7	85·0	78·7	79·8	·948	+·005	·954	87	+ 1
Chandbali ...	20	29·534	+·007	29·463	88·6	− 1·2	97	1	78·3	−0·2	74	19	81·9	84·4	79·2	79·8	·955		·961	83	+ 3
Puri ...	20	29·546	+·019	29·475	87·1	− 0·6	93	1	80·0	+0·2	75	27, 29	82·9	84·6	79·4	80·2	·942	−·027	·961	85	− 1
Gopalpur ...	56	29·510	+·013	29·434	88·8	+ 1·1	97	1	79·7	+0·5	76	8	84·0	84·8	79·3	80·3	·928	−·001	·961	81	− 3
Cuttack ...	87	29·486	+·029	29·413	88·9	− 1·1	97	1	76·7	−1·9	73	11, 12	81·7	84·3	78·6	79·8	·948	+·039	·961	87	+ 4
Angul ...	455	29·095	+·007	29·018	88·7	+ 0·2	97	1	77·4	+0·1	73	12	80·7	82·4	76·9	77·8	·872	−·011	·896	84	+ 1
Sambalpur ...	486	29·069	+·008	28·984	86·8	− 0·9	95	1	76·8	−0·5	73	12, 13	79·1	82·3	77·3	78·8	·899	+·013	·942	92	+ 7
Chota Nagpur																					
Jamshedpur ...	423	29·122			89·0		97	1	78·7		76	27	81·9		78·0		·909			83	
Chaibasa ...	742	28·788	+·014	28·714	88·3	− 1·5	95	1	77·2	−0·3	75	13	80·9	83·1	77·7	78·7	·916	+·034	·928	86	+ 2
Ranchi ...	2,152	27·419	+·020	27·350	84·3	− 0·3	89	4 days	73·4	−0·1	72	9 days	77·0	79·0	74·4	75·0	·806	+·013	·816	89	+ 2
Hazaribagh ...	2,006	27·562	+·027	27·489	85·8	+ 0·6	90	2, 8	74·2	+0·2	73	11 days	78·2	80·4	75·2	75·9	·829	+·045	·839	87	+ 3
Daltonganj ...	725	28·796	+·013	28·706	90·8	− 0·7	95	5	77·8	−0·4	76	4 days	82·3	84·2	77·8	78·7	·896	+·006	·914	81	− 2
Bihar																					
Purnea ...	124	29·428	+·012	29·342	88·5	− 1·2	93	3	78·7	−0·1	76	23	82·0	84·8	79·9	81·2	·995	+·012	1·008	91	+ 1
Darbhanga ...	161	29·377	+·011	29·286	89·1		93	2, 3	79·7		77	16, 17	83·2	86·1	80·4	81·3	·981		·988	85	
Motihari ...	220	29·313	+·007	29·227	88·9	− 1·1	95	4	79·1	+0·7	77	7 days	82·8	86·5	79·5	80·7	·942	−·021	·974	86	− 2
Patna ...	173	29·348	+·006	29·262	89·3	− 1·2	93	4 days	79·7	−0·1	76	29	83·1	85·9	80·2	81·0	·981	+·002	·988	88	+ 2
Gaya ...	372	29·137	−·001	29·045	91·3	− 0·7	97	4 days	79·2	+0·2	76	12,18,19	84·2	86·4	79·9	80·6	·968	+·046	·974	83	+ 1
Naya Dumka ...	489	29·049	+·014	28·967	88·7	− 0·8	92	5, 8	78·4	+0·5	76	19, 25	81·9	84·7	79·0	79·9	·948	+·018	·954	88	+ 2
Sabour ...	122	29·418		29·332	88·8		93	2, 8	79·5		77	6, 19	82·8	85·3	80·7	81·2	1·029		1·001	91	
United Provinces, East																					
Gonda ...	360	29·159		29·076	88·4		95	4	79·5		75	18	82·4	85·0	79·6	80·4	·981		·961	88	
Gorakhpur ...	257	29·266	+·011	29·182	89·4	− 1·6	94	4, 11, 23	79·6	+0·6	76	18	83·1	85·3	80·0	80·4	·981	+·015	·954	86	− 1
Benares ...	250	29·252	+·002	29·162	90·8	− 1·4	97	5, 6	79·6	−0·1	76	18	83·3	87·4	79·8	80·8	·974	+·026	·968	86	+ 4
Allahabad ...	309	29·182	−·006	29·094	91·0	− 1·8	98	5, 6	78·7	−1·1	73	18	82·4	87·1	79·5	80·8	·948	+·026	·968	88	+ 8
Fatehpur ...	375	29·101		29·014	91·4		100	6	79·7		74	19	83·3	87·6	80·2	82·1	·981		1·016	87	
Cawnpore ...	416	29·068	−·009	28·988	91·3	− 2·5	102	7	79·9	−0·4	75	18	83·0	87·7	79·8	81·2	·981	+·051	·968	86	+ 6
Lucknow ...	371	29·114	−·012	29·031	89·7	− 2·7	97	1	79·3	−0·2	75	18, 30	82·9	86·2	79·9	81·1	·981	+·040	·988	87	+ 5
Bahraich ...	407	29·102	+·006	29·021	89·0	− 3·1	96	4	79·5	+0·5	75	18	82·4	86·4	79·3	80·8	·948	+·004	·981	86	+ 3
United Provinces, West																					
Jhansi ...	824	28·675	−·018	28·593	91·3	− 1·2	104	5, 6	79·5	−1·9	74	14,18,20	81·8	86·6	78·1	79·5	·910	+·035	·900	85	+ 7
Agra ...	554	28·681	−·008	28·842	95·7	+ 1·4	110	5	80·8	+1·0	74	18	85·1	91·1	79·2	79·7	·908	+·022	·866	77	+ 6
Mainpuri ...	516	28·971	−·005	28·882	93·9	− 1·3	105	1	79·9	−0·7	76	4 days	84·6	90·0	80·1	81·7	·961	+·046	·975	82	+ 4
Aligarh ...	615	28·865		28·775	94·4		104	2	80·0		75	15, 18	84·1	90·4	79·7	80·7	·961		·927	82	
Bareilly ...	568	28·922	−·008	28·830	89·8	− 2·5	98	4	78·1	−0·8	74	8	82·5	87·4	79·3	80·9	·948	+·009	·968	87	+ 3
Roorkee ...	899	28·604	−·008	28·515	90·7	− 1·5	102	1	76·9	−1·2	74	5 days	81·5	88·3	77·5	79·6	·875	+·005	·914	84	+ 4
Dehra Dun ...	2,239	27·327	+·005	27·247	85·6	− 0·3	94	1, 2, 3	73·5	−0·4	71	4 days	77·3	82·7	74·6	77·2	·835	+·041	·956	88	+ 3
Punjab, East and North																					
New Delhi ...	714	28·770	−·011	28·669	97·3		103	5, 6	80·7		75	17	85·2	93·3	79·2	80·6	·908		·886	77	
Hansi ...	711	28·754			102·7		113	5, 6	82·4		77	20	89·1		78·6		·847			62	
Hissar ...	725	28·749	−·002	28·647	104·5	+ 4·7	115	5	83·1	+1·7	78	19, 20	91·1	99·1	78·6	78·5	·819	−·032	·730	57	−11
Ambala ...	892	28·608	+·004	28·504	96·8	+ 1·4	109	5	79·3	+0·2	73	30	84·4	93·1	78·4	80·3	·881	−·013	·857	76	− 3
Ludhiana ...	812	28·667	−·008	28·595	100·6	+ 3·3	113	5	81·6	+1·1	74	19,20,25	86·9	97·2	79·1	79·2	·880	+·028	·761	70	− 2
Lahore ...	702	28·742	−·023	28·657	103·0	+ 3·1	113	5	82·3	+2·6	76	24, 25	88·3	100·9	79·2	79·6	·867	+·014	·750	67	0
Sialkot ...	830	28·636	−·013	28·535	98·5	+ 0·8	109	12, 14	80·4	+0·5	73	24	85·4	97·0	78·1	80·5	·862	−·020	·847	72	− 3
Rawalpindi ...	1,674	27·816	−·017	27·728	96·6	+ 0·7	109	4	76·0	−0·8	67	26	86·3	94·4	75·2	79·6	·728	−·060	·832	61	− 7
Punjab, Southwest																					
Khushab ...	612	28·818	−·034	28·719	104·9	+ 2·3	114	5	84·4	+ 1·9	75	21	90·9	103·9	78·7	80·5	·826	−·014	·736	58	− 5
Lyallpur ...	605	28·816	−·023	28·735	104·5	+ 2·7	114	5	84·3	+ 1·9	79	5, 24	91·5	101·7	78·0	78·5	·774	−·058	·677	55	− 9
Montgomery ...	558	28·871	−·019	28·790	104·6	+ 0·7	115	5	84·4	+ 0·5	80	1, 25, 27	89·9	102·3	83·3	90·7	1·038	+·201	1·295	75	+12
Multan ...	418	28·938	−·022	28·922	105·3	+ 3·1	116	5	84·3	− 1·1	81	27	89·8	102·9	80·1	81·9	·893	−·072	·805	64	− 9
Fort Abbas ...	475	28·969		28·866	107·4		117	5	85·8		75	27	91·1	104·5	80·2	80·8	·873		·736	62	
Bahawalpur ...	384	29·049		28·943	106·5		116	5	83·9		78	26	90·9	103·7	80·0	83·1	·873		·848	61	
Khanpur ...	297	29·143		29·032	107·0		118	5	82·3		77	26	88·2	105·9	78·2	80·7	·822		·716	63	

Cloud amount (tenths of sky).		Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																	STATION.
										8 hrs. L. M. T.										17 hrs. I. S. T.								
Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																												Orissa
+ 3·4	9·6	10·08	− 0·82	3·03	20	8	− 6·1	6·5	+ 2·7	1	2	2	1	5	14	2	1	3	1	1	2	5	12	10	0	0	0	Balasore
	8·2	12·26	+ 0·41	1·63	22	16	+ 2·4	6·2		2	0	0	3	13	6	6	1	0	0	0	2	8	14	5	2	0	0	Chandbali
+ 0·9	7·1	15·61	+ 5·58	5·45	27	11	− 0·9	14·3	+ 4·4	2	1	1	1	7	10	6	3	0	1	0	0	0	13	14	2	1	0	Puri
+ 2·6	7·8	3·86	− 3·02	2·69	8	6	− 3·6	10·4	+ 1·4	2	1	0	0	22	3	1	2	0	1	0	0	2	26	1	0	1	0	Gopalpur
+ 1·2	8·7	9·83	− 1·88	3·80	8	16	+ 0·5	3·2	+ 0·8	0	1	2	0	2	9	6	1	10	0	0	0	1	4	9	5	1	11	Cuttack
+ 1·9	9·0	6·67	− 4·32	1·10	26	13	− 1·4	4·3	− 0·8	1	1	3	4	2	2	7	4	7	3	1	3	5	5	2	9	2	1	Angul
+ 1·1	9·5	11·41	− 8·61	1·82	20	19	− 0·4	4·0	+ 0·4	0	2	1	0	5	20	1	0	2	0	0	2	0	3	14	4	1	7	Sambalpur
																												Chota Nagpur
		10·30		2·21	27	17		3·8		0	2	2	1	0	8	6	0	10										Jamshedpur
+ 1·9	9·7	10·94	− 1·15	2·00	20	19	+ 3·6	2·7	+ 0·5	1	3	1	3	2	9	8	2	2	0	2	2	1	1	6	4	2	13	Chaibasa
+ 0·9	9·1	8·83	− 5·94	2·57	20	13	− 4·5	5·5	− 0·1	2	1	2	3	12	6	2	1	2	2	1	4	5	11	4	1	1	2	Ranchi
− 0·5	9·0	7·69	− 4·75	2·62	12	11	− 6·4	5·5	− 0·9	0	1	3	3	8	9	3	3	1	1	1	3	5	8	5	3	3	2	Hazaribagh
+ 2·3	9·1	9·84	− 2·02	2·01	6	14	− 0·7	3·4	0	0	1	12	1	5	1	8	0	3	4	1	10	1	3	1	9	1	1	Daltonganj
																												Bihar
+ 2·0	7·9	23·18	+ 8·91	3·49	30	21	+ 4·2	3·0	+ 0·5	2	7	12	2	0	1	0	0	6	0	2	14	4	1	0	0	0	10	Purnea
+ 0·6	6·5	12·34		3·64	16	14		4·8	+ 1·2	0	7	18	1	0	0	0	0	5	0	3	12	5	0	0	0	0	11	Darbhanga
+ 2·9	7·7	18·42	+ 3·62	4·96	19	16	+ 1·5	4·2		0	0	11	16	0	1	0	0	3	0	1	12	13	1	1	1	0	2	Motihari
+ 0·2	7·9	7·91	− 4·03	1·61	29	16	+ 2·1	5·0	+ 1·0	0	2	21	2	1	2	1	1	1	0	8	19	0	0	2	1	0	1	Patna
+ 0·6	7·1	16·04	+ 3·04	6·40	12	18	+ 2·8			0	2	11	7	2	4	4	1	0	0	7	7	7	1	3	2	2	2	Gaya
+ 1·7	8·0	7·19	− 6·29	1·42	10	14	− 3·9	2·3	+ 0·2	0	4	0	13	2	4	0	0	8	0	6	2	10	2	2	0	0	9	Naya Dumka
	8·9	8·65	− 2·48	2·07	29	16	0	4·6		0	1	11	10	4	1	1	0	3	0	4	9	10	2	1	1	0	4	Sahour
																												United Provinces, East
	8·5	14·62		2·68	31	14		4·9		0	3	16	11	0	0	0	0	1	0	2	16	6	3	0	2	2	0	Gonda
+ 2·6	8·1	16·11	+ 2·68	6·53	19	16	+ 1·8	2·1		1	4	16	5	0	0	1	0	4	0	2	13	2	0	0	1	0	13	Gorakhpur
+ 1·9	9·0	8·20	− 3·34	2·91	7	13	− 0·9	5·5	+ 2·3	0	4	4	7	6	5	2	2	1	4	6	8	2	2	2	5	0	2	Benares
+ 0·7	8·8	13·44	+ 1·73	2·69	18	16	+ 2·3	3·5	− 1·1	2	1	7	4	2	4	3	1	7	0	4	8	4	1	1	4	2	7	Allahabad
	8·0	13·59		5·37	18	11		4·1		0	3	8	5	2	3	5	1	4	2	7	5	2	3	0	3	3	6	Fatehpur
+ 2·0	6·5	12·05	+ 1·50	2·42	30	18	+ 5·7	3·3	+ 0·1	0	4	9	5	4	1	4	1	3	1	6	6	4	2	2	3	4	3	Cawnpore
+ 1·4	7·9	16·26	+ 4·81	2·23	18	15	+ 1·9	0·9	− 1·6	0	2	11	0	0	0	0	0	18	0	1	4	0	0	1	0	1	24	Lucknow
+ 3·3	8·8	17·96	+ 7·06	5·50	10	13	0	4·0	+ 1·5	0	0	17	10	2	0	0	0	2	0	0	11	10	2	0	1	0	7	Bahraich
																												United Provinces, West
+ 3·9	3·3	18·44	+ 6·87	3·01	20	16	+ 4·6	4·4	+ 0·3	3	3	5	1	0	11	3	0	0	3	7	1	0	0	4	7	2	7	Jhansi
+ 1·5	7·9	11·64	+ 2·52	2·97	18	11	− 0·4	3·9	− 0·4	2	2	7	6	1	3	6	1	3	7	5	4	2	2	2	2	1	6	Agra
+ 1·6	8·0	7·85	+ 0·55	3·08	15	11	+ 1·0	3·3	+ 1·4	1	4	8	5	1	1	4	2	5	0	5	8	4	0	1	2	0	11	Mainpuri
	4·9	6·52		3·02	18	8		4·7		2	0	11	9	3	3	2	0	1	3	1	11	7	2	3	1	0	3	Aligarh
+ 0·7	7·2	13·30	− 0·09	3·28	9	13	+ 0·5	4·3	+ 2·3	0	3	14	7	0	2	1	0	4	1	2	13	6	2	3	0	1	3	Bareilly
+ 2·5	6·8	14·34	+ 2·34	3·95	14	15	+ 3·1	4·6	+ 2·4	0	1	0	26	2	0	0	0	2	2	2	0	22	1	0	0	2	2	Roorkee
+ 1·1	8·3	30·39	+ 4·80	3·77	18	22	+ 2·1	2·0	+ 1·2	1	1	1	5	0	3	5	6	9	1	3	0	5	0	7	4	4	7	Dehra Dun
																												Punjab, East and North
− 0·1	6·1	4·50	− 3·03	1·56	19	8	− 0·9	7·4	+ 3·9	0	1	9	10	2	5	1	1	2	1	7	10	5	2	3	0	2	1	New Delhi
		2·24		1·19	28	3				0	0	5	4	2	1	10	0	9										Hansi
− 1·2	3·4	0·17	− 4·07	0·12	30	1	− 5·1	6·3	+ 0·8	1	0	4	6	1	6	8	2	3	4	2	9	1	1	4	8	0	2	Hissar
+ 0·7	6·7	10·42	+ 3·07	2·27	19	13	+ 3·3	6·2	+ 3·7	0	1	11	16	1	0	1	1	0	0	1	7	14	0	3	0	2	4	Ambala
+ 0·4	3·7	2·83	− 5·37	1·34	27	5	− 3·3	4·4	+ 2·7	0	0	3	12	13	3	0	0	0	3	3	5	3	7	3	1	5	1	Ludhiana
− 0·3	3·4	0·86	− 4·62	0·32	25	5	− 0·8	3·2	+ 0·7	0	2	4	19	2	3	0	0	1	0	1	5	7	5	4	2	5	4	Lahore
− 0·2	2·2	8·92	+ 1·06	4·78	24	8	− 0·4	4·2	+ 2·1	0	4	5	18	0	0	0	0	4	0	6	4	7	2	2	0	4	6	Sialkot
− 0·3	2·6	9·27	+ 1·61	2·83	26	9	+ 0·3	3·0	+ 1·1	0	10	1	9	0	2	0	1	8	0	7	0	8	1	9	1	1	4	Rawalpindi
																												Punjab, Southwest
0	2·9[c]	0·20	− 3·44	0·15	24	1	− 3·4	7·9	+ 2·0	0	13	13	1	1	0	0	0	3	0	6	9	9	6	1	0	0	0	Khushab
− 2·6	2·5	0·07	− 2·95	0·06	26	0	− 4·1	2·8	− 0·3	0	1	2	6	6	8	1	0	7	1	0	4	4	6	10	1	2	3	Lyallpur
− 1·8	1·7	1·00	− 1·22	0·70	24	2	− 1·1	2·1	− 4·8	0	1	1	4	3	6	6	0	10	1	1	1	4	1	5	2	4	12	Montgomery
− 1·3	2·1	0	− 2·02	0		0	− 2·2	5·0	+ 3·0	2	1	0	3	12	12	0	1	0	0	2	1	2	14	12	0	0	0	Multan
	4·5[b]	2·72		2·10	27	3		11·3		0	0	2	1	1	25	0	0	2	2	1	4	1	2	18	2	1	0	Fort Abbas
	2·5	1·14	− 1·09	0·86	26	2	− 0·4	5·5		0	0	2	0	3	19	4	1	2	0	1	2	0	3	10	10	2	3	Bahawalpur
	3·1	1·60	− 1·08	0·53	25	4	+ 1·9	8·2		0	2	0	1	6	18	3	0	1	0	1	1	0	5	15	5	3	1	Khanpur

b—Mean of 29 days. c—Mean of 28 days. d—Mean of 27 days. n—Mean of 17 days.

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature. °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Re hu
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Kashmir																				
Srinagar ...	5,205	24·623	- ·014	24·525	89·4	+ 2·1	95	15	64·5	+ 0·6	56	1	74·0	87·0	66·2	69·2	·554	- ·064	·517	66
Gulmarg ...	8,569	21·764	+ ·034		73·9	+ 3·9	81	15	50·8	+ 0·1	42	1	66·0		57·7		·392	- ·084		62
Muzaffarabad ...	2,343	27· 38	- ·023		95·6	+ 0·2	106	14, 15	74·6	+ 1·2	70	1, 17	78·9		72·0		·695	+ ·014		72
Dras ...	10,059	20·728	+ ·051		76·3	- 1·2	84	20, 28	50·2	+ 2·0	41	1	62·6		54·1		·342	+ ·014		61
Leh ...	11,503	19·632	+ ·016		75·3	- 1·6	87	22	50·9	+ 0·8	45	1	61·7		50·7		·277	+ ·014		50
Skardu ...	7,505				90·7	+ 3·9	101	22	64·0	+ 2·3	52	1	71·7		61·8		·450	+ ·108		58
Gilgit ...	4,890				94·6	- 2·1	104	22	73·5	+ 1·7	63	1	79·0		65·5		·459	- ·010		50
N.-W. F. Province																				
Peshawar ...	1,164	28·299	- ·022	28·197	102·0	- 0·2	111	4	79·6	- 0·2	72	8	89·2	99·5	74·9	75·8	·684	- ·066	·599	51
Miranshah ...	3,026				98·6		108	5	79·5		69	8	85·1		72·1		·631			54
Dera Ismail Khan...	570	28·847	- ·018	28·747	106·2	+ 2·9	115	4, 5	82·5	- 0·2	77	1, 24	91·7	104·2	80·6	83·1	·906	- ·013	·841	61
Baluchistan																				
Fort Sandeman ...	4,614	25·146	0	25·059	99·6	- 0·1	106	17, 18	75·6	+ 0·6	70	26, 28	83·0	95·9	69·7	74·1	·574	- ·006	·580	52
Sibi ...	441	28·992			110·0		122	5	86·9		80	26, 27	92·6		76·5		·709			46
Quetta ...	5,540	24·365	+ ·009	24·295	92·5		100	20	61·1		47	1	78·4	89·6	66·9	69·3	·539		·490	55
Chaman ...	4,311	25·405	+ ·017	25·340	99·3	- 1·4	109	21	75·2	- 0·7	66	10	85·7	97·6	65·7	69·3	·405	+ ·020	·375	33
Kalat ...	6,616	23·483	+ ·038		90·3	- 2·6	99	20	59·3	+ 3·5	50	1, 11	78·1		63·8		·442	+ ·028		47
Dalbandin ...	2,780	26·776	+ ·018	26·682	106·7	- 2·4	117	21	74·6	- 2·0	66	9	89·5	105·0	67·7[c]	72·8[g]	·427	+ ·094	·447[g]	32[c]
Nokkundi ...	2,229	27·261		27·165	108·1		120	21	82·7		73	10	92·4	106·7	70·1	73·3	·450		·389	31
Las Bela ...	292	29·207		29·095	101·3		116	2	80·6		77	27	84·8	97·0	79·6	82·7	·954		·929	79
Ormara ...	15	29·499		29·416	89·3		93	9	80·3		73	21	82·9	87·0	78·0	78·9	·889		·880	80
Pasni ...	10	29·501	+ ·007	29·416	90·0	- 1·4	94	1, 10	79·9	+ 1·7	78	8 days	83·9	87·5	79·6	80·9	·961	+ ·002	·968	82
Panjgur ...	3,177	26·488	+ ·020	26·353	98·6	- 4·7	107	18, 20	73·7	- 2·5	67	12, 27	84·0	96·0	72·0	77·0	·643	- ·036	·702	57
Gwador ...	39	29·472		29·388	85·9		94	1, 12	79·0		74	3	82·3	86·9	80·0	82·4	·988		1·030	90
Sind																				
Jacobabad ...	186	29·224	- ·014	29·124	108·5	- 0·2	121	5	84·0	- 0·8	78	24	88·8	107·2	81·3	82·7	·954	+ ·020	·793	71
Sukkur ...	221	29·210			105·1		114	5	82·6		80	15, 26	85·6		78·3		·855			71
Naushahro ...	140	29·266		29·174	110·6		120	5	82·4		80	14, 23	90·7	109·0	78·1	79·7	·788		·621	55
Chhor ...	19	29·479		29·385	98·1		105	1, 3, 4	79·5		77	20, 27	84·4	95·0	79·7	83·6	·961		1·007	80
Hyderabad ...	96	29·383	+ ·019	29·303	99 6	+ 0·4	109	1, 12	80·9	- 0·2	78	22,23,24	85·4	95·6	77·6	79·9	·849	+ ·016	·812	68
Karachi(Drigh Road)	77	29·434		29·371	90·0		95	1	80·5		72	22	83·6	86·3	78·4	79·1	·889		·894	79
Karachi (Manora)...	13	29·497	0	29·441	87·1	- 1·4	90	7, 9, 10	80·4	- 0·6	77	22, 23	82·9	85·5	79·4	80·5	·942	- ·019	·988	85
Badin ...	37	29·474		29·394	95·3		105	3	79·7		77	22,27,31	84·4	92·3	77·7	78·7	·869		·806	73
Rajputana, West																				
Sri Ganganagar ...	580	28·859		28·769	104·8		114	5	83·3		78	20	90·7	101·7	77·3	78·2	·743		·638	54
Bikaner ...	734	28·744	+ ·064	28·630	104·3		114	5	84·4		79	25, 27	88·4	102·8	77·7	78·6	·815		·685	65
Jodhpur ...	780	28·747	+ ·010	28·650	96·3	- 1·2	107	4	80·5	+ 0·2	76	26	82·9	94·1	76·0	77·4	·801	+ ·006	·718	72
Barmer ...	638	28·875		28·776	96·6		109	4	79·0		76	22,30,31	82·7	95·9	77·1	79·1	·851		·758	77
Rajputana, East																				
Jaipur ...	1,431	28·091	- ·016	28·002	96·1	+ 1·7	108	5	79·3	+ 1·2	74	28	84·0	92·7	76·2	77·3	·795	- ·080	·730	70
Ajmer ...	1,593	27·924	- ·080	27·845	93·4	+ 1·6	106	4	78·9	+ 0·7	73	8	81·6	91·1	74·8	76·3	·778	- ·038	·706	73
Kotah ...	843	28·660	- ·023	28·591	92·0	- 2·7	108	4	79·6	- 0·9	73	10, 23	83·5	88·6	77·2	78·5	·838	+ ·028	·862	75
Brijnagar ...	1,058	28·472		28·389	89·0		104	4	76·5		73	23, 28	80·0	86·0	76·5	78·7	·882		·894	84
Gujarat																				
Deesa ...	466	29·094	+ ·004	29·007	92·0	- 1·1	105	3	78·0	- 0·1	75	5 days	81·0	90·0	77·2	79·5	·872	+ ·005	·847	84
Bhuj ...	343	29·221	+ ·028	29·142	89·8	- 1·1	98	8	78·6	+ 0·4	76	4 days	81·8	86·7	76·6	77·1	·858	- ·030	·797	78
Dwarka ...	37	29·543	+ ·011	29·490	85·6	- 1·3	89	8, 9	79·9	- 0·8	77	4 days	82·1	83·1	78·1	78·5	·903	- ·034	·928	83
Jamnagar ...	60	29·516	+ ·011		88·5	- 2·7	95	6, 7	78·2	- 0·4	75	22, 28	82·4		78·7		·942	+ ·039		84
Rajkot ...	482	29·159	+ ·018	29·081	90·2	- 1·1	101	5	76·8	+ 0·7	74	26	80·4	85·8	76·7	77·2	·878	+ ·011	·811	84
Veraval ...	19	29·600	+ ·017	29·546	84·0	+ 0·2	89	6	79·1	- 0·6	76	26	81·2	82·6	79·3	79·9	·962	+ ·022	·988	92
Surat ...	39	29·576	+ ·002	29·523	86·5	- 1·0	96	4	78·2	+ 0·5	75	11	81·2	84·1	77·9	78·4	·910	- ·011	·882	86
Bhavnagar ...	55	29·559	+ ·019	29·470	91·5	- 1·8	100	1, 5	78·3	- 0·3	75	22, 24	82·0	87·5	76·5	77·5	·851	- ·043	·790	77
Ahmadabad ...	163	29·429	+ ·008	29·330	90·2	- 2·9	101	5	77·9	- 0·6	74	23, 24	81·3	87·9	77·6	79·1	·910	+ ·028	·867	85
Dohad ...	1,093	28·490			84·8		91	3, 4, 8	74·5		70	25	77·0		75·2		·839			92
Baroda ...	115	29·485		29·403	89·2		98	3	77·5		74	24	80·2	84·8	77·1	79·4	·885		·869	87

c—Mean of 26 days. e—Mean of 26 days. g—Mean of 26 days.

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																STATION.
											8 hrs. L. M. T.									17 hrs. I. S. T.								
Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S.	SW	W	NW	Calm	
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																													Kashmir
3·6	− 0·5	3·6	0·97	− 1·35	0·43	27	4	− 1·0	2·9	+ 0·3	3	2	2	9	5	2	2	3	3	8	4	1	2	0	2	0	5	9	Srinagar
3·5	− 1·0		0·87	− 3·03	0·18	25, 27	4	− 4·8	4·2	+ 1·0	10	6	3	1	0	1	0	0	10										Gulmarg
1·8	− 2·2		12·71	+ 2·52	5·11	23	12	+ 0·1	2·5	+ 0·7	5	0	0	0	1	0	0	0	25										Muzaffarabad
2·4	− 1·1		0·13	− 0·46	0·09	27	0	− 1·4	7·7	+ 2·6	0	0	0	0	0	0	0	0	31										Dras
4·7	+ 0·3		0·02	− 0·44	0·02	24	0	− 1·2	3·6	+ 1·8	1	0	1	0	10	2	5	0	12										Leh
2·9	− 0·7		0·05	− 0·41	0·05	18	0	− 1·0	4·7	0	0	0	2	0	1	0	4	1	23										Skardu
4·0	+ 0·7		0·10	− 0·38	0·09	27	0	− 1·6	0·2	− 1·1	0	0	0	0	0	0	0	0	31										Gilgit
																													N.-W. F. Province
3·5	+ 0·1	4·2	0·49	− 0·75	0·25	20	2	0	3·0	+ 0·6	9	4	2	4	1	1	0	3	7	1	12	7	2	3	3	1	1	1	Peshawar
2·2			1·72		0·45	8	5		6·5		1	4	1	3	0	2	4	1	16										Miranshah
2·3	0	2·5	0·09	− 2·09	0·09	24	0	− 2·7	2·5	+ 0·6	6	11	4	0	0	0	0	0	10	1	5	3	3	3	0	0	0	16	Dera Ismail Khan
																													Baluchistan
1·4	− 0·6	4·8	1·61	− 0·65	0·80	26	2	− 1·6	3·3	+ 0·5	0	2	0	0	0	0	8	0	21	0	0	11	1	3	3	8	0	5	Fort Sandeman
1·7			0·30		0·20	27	1		6·4		2	0	0	4	12	7	3	0	3										Sibi
1·2	− 0·8	2·5	0·88		0·60	26	2		5·5		6	4	0	2	4	6	2	3	4	7	0	0	2	6	4	3	9	0	Quetta
0·9	0	1·3	0·25	+ 0·16	0·25	22	1	+ 0·8	6·9	+ 1·2	0	0	2	2	16	9	1	1	0	0	1	0	2	2	15	3	8	0	Chaman
2·0	− 0·1		1·05	+ 0·46	0·43	26	3	+ 1·7	4·0	− 0·7	1	0	0	2	1	2	0	5	20										Kalat
1·6	+ 0·2	2·6[a]	0·79	+ 0·71	0·44	27	2	+ 1·8	3·4	− 1·9	0	0	1	0	1	5	4	0	20	0	2	2	3	6	6	4	2	6	Dalbandin
1·4[a]		1·1[d]	0		0		0		13·8		11	1	3	4	2	0	2	7	1	11	1	1	2	2	1	1	12	0	Nokkundi
7·1		2·7	4·38		2·61	22	3		3·5		0	0	2	0	5	3	0	0	21	0	0	1	1	23	4	0	0	2	Las Bela
7·4[a]		2·1	1·06		1·06	22	1		11·0		0	3	3	0	0	8	14	2	1	0	0	0	1	7	14	9	0	0	Ormara
5·9	+ 0·7	2·6	0·33	− 0·03	0·26	22	1	+ 0·4	7·9	+ 1·6	0	1	8	6	2	5	5	3	1	0	0	0	4	6	13	6	2	0	Pasni
1·6	− 0·9	2·5	3·26	+ 2·56	1·60	23	5	+ 4·1	6·0	+ 0·6	6	3	1	3	3	3	6	2	4	10	4	1	1	0	4	2	9	0	Panjgur
3·9		3·1	0·05		0·05	22	0		4·4		0	5	7	2	0	0	4	0	13	0	0	0	11	14	5	1	0	0	Gwador
																													Sind
2·5	+ 0·4	2·9	0·66	− 0·23	0·37	24	3	+ 1·7	5·8	+ 1·8	0	1	1	22	2	5	0	0	0	0	4	1	9	7	9	0	1	0	Jacobabad
2·0			0		0		0		4·7		3	1	0	13	3	9	1	1	0										Sukkur
1·6		1·5	0	− 1·11	0		0	− 1·9	3·2		0	4	0	1	4	17	3	2	0	2	6	0	0	3	18	1	1	0	Naushahro
3·5		4·2[a]	0·92		0·79	22	2		11·7		0	1	0	0	15	14	1	0	0	1	0	0	0	14	15	1	0	0	Chhor
5·2	+ 0·8	3·5	0·62	− 2·23	0·62	22	1	− 2·0	12·1	+ 1·0	0	0	0	0	6	18	7	0	0	0	0	0	0	13	17	1	0	0	Hyderabad
0·3		7·3	3·78		3·70	22	1		16·7		0	0	0	0	0	13	16	0	2	0	0	0	0	1	22	8	0	0	Karachi (Drigh Road)
3·3	+ 1·0	6·7	1·66	− 1·28	1·56	22	1	− 1·4	14·3	+ 1·8	0	1	0	0	0	15	15	0	0	0	0	0	0	2	24	5	0	0	Karachi (Manora)
1·4		3·4	3·87		3·62	22	2		15·8		0	0	0	0	0	4	27	0	0	0	0	0	0	1	5	25	0	0	Badin
																													Rajputana, West
1·6[a]		2·3[c]	3·53		1·32	24	4		8·0		0	1	2	2	4	12	8	2	0	6	1	3	2	0	9	9	1	0	Sri Ganganagar
3·7	+ 0·2	4·6	1·35		0·66	25	4		8·3	+ 1·7	0	0	1	1	1	16	8	3	1	1	2	0	2	0	16	5	5	0	Bikaner
7·5	+ 0·7	7·2	2·31	− 1·38	0·96	21	3	− 1·8	8·0	+ 2·5	0	0	0	1	1	19	10	0	0	0	1	0	1	5	15	8	1	0	Jodhpur
5·2		5·5	1·07		0·76	23	1		7·8		0	0	0	1	5	14	9	2	0	0	0	0	3	8	13	3	1	3	Barmer
																													Rajputana, East
3·3	− 0·3	7·5	5·07	− 2·95	1·91	28	6	− 4·3	4·8	− 0·4	1	2	3	0	0	0	10	13	2	3	2	3	0	0	3	11	6	3	Jaipur
3·7	+ 1·0	7·0	3·51	− 2·95	0·95	21	7	− 1·8	5·3	− 0·9	0	0	1	1	0	5	18	1	5	1	0	0	1	1	4	15	4	5	Ajmer
3·7	+ 2·9	9·0	11·25	+ 1·75	4·46	21	8	− 2·5	4·3	+ 0·1	0	2	0	1	0	7	18	3	0	0	2	0	0	1	16	6	2	4	Kotah
5·2		8·1	10·76		3·04	28	14		4·9		0	2	1	0	1	9	17	1	0	1	1	1	1	1	9	13	4	0	Brijnagar
																													Gujarat
1·8	− 0·4	7·2	10·34	+ 1·34	2·95	21	11	+ 0·9	6·3	− 4·4	0	0	0	0	8	13	5	1	4	0	0	0	0	5	16	2	1	7	Deesa
3·4	+ 0·9	7·0	2·92	− 3·51	0·94	22, 26	4	− 2·2	9·2	− 3·3	0	0	0	0	0	16	14	0	1	0	1	0	0	1	18	10	1	0	Bhuj
3·3	+ 1·9	9·4	2·91	− 3·12	1·39	11	5	− 0·7	15·5	+ 1·1	0	0	0	0	0	20	11	0	0	0	0	0	0	0	22	9	0	0	Dwarka
3·1	+ 2·7		3·13	− 5·36	0·96	10	7	− 0·7			0	0	0	0	0	13	13	0	5										Jamnagar
3·7	+ 1·7	9·4	8·70	− 2·20	3·75	11	10	− 0·5	13·2	+ 2·1	0	0	0	0	0	18	13	0	0	1	0	0	0	0	17	10	3	0	Rajkot
3·4	+ 1·4	8·8	3·11	− 3·74	0·95	26	7	− 2·2	10·9	− 0·9	1	0	0	6	0	11	16	3	0	0	0	0	0	0	7	21	3	0	Veraval
3·6	+ 1·3	8·6	14·33	− 2·37	3·10	11	17	+ 1·3	7·2	− 0·6	0	0	0	0	6	14	10	1	0	0	0	0	0	9	17	4	1	0	Surat
3·4	+ 1·8	9·0	9·16	+ 2·44	5·00	24	7	− 1·8	6·5	− 1·2	0	0	0	0	0	7	22	2	0	0	0	0	1	4	11	14	1	0	Bhavnagar
3·5	+ 1·6	9·0	9·00	− 2·23	3·16	10	13	+ 1·1	4·8	0	0	0	0	0	1	18	9	2	1	0	0	0	1	4	12	10	3	1	Ahmadabad
3·1			10·22		3·90	25	11				0	0	0	0	0	3	28	0	0										Dohad
3·6		7·9	20·04		4·80	11	14		4·8		0	0	0	1	3	17	9	1	0	1	0	0	0	4	17	5	1	3	Baroda

a—Mean of 30 days. b—Mean of 29 days. c—Mean of 28 days. d—Mean of 27 days.

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Relative humidity %	
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Central India, West																					
Neemuch ...	1,626	27·934	−·013	27·882	85·6	− 2·5	99	3	74·3	−0·2	72	4 days	77·4	81·7	74·2	75·3	·797	−·004	·779	85	+ 2
Indore ...	1,823	27·767	−·010	27·699	82·9	− 2·4	92	2, 3	72·6	−0·2	69	25	74·9	79·0	72·4	74·1	·750	−·027	·770	89	+ 4
Bhopal ...	1,643	27·922		27·844	83·7		98	5	73·8		70	15, 16	76·2	81·0	73·6	75·3	·804		·792	89	
Guna ...	1,571	27·965		27·891	87·4		102	5	75·1		72	23	79·0	85·3	75·4	77·0	·819		·811	85	
Central India, East																					
Nowgong ...	750	28·753	−·010	28·668	90·0	− 0·7	102	5	77·7	−1·0	73	7	81·7	86·7	78·4	80·1	·848	−·028	·934	83	+ 2
Sutna ...	1,041	28·461	−·006	28·385	88·2	− 0·3	98	2	76·5	−1·1	74	6 days	80·4	83·2	77·2	78·5	·885	+·026	·928	86	+ 4
Umaria ...	1,506	28·027		27·952	85·0		92	2, 3, 4	74·8		72	17	78·1	81·2	75·2	76·7	·826		·865	87	
Berar																					
Akola ...	925	28·609	−·012	28·586	86·4	− 3·0	96	2, 3, 7	74·1	−0·5	69	12	77·2	81·4	74·4	76·0	·797	+·019	·821	87	+ 9
Amraoti ...	1,213	28·371	−·016		84·7	− 3·2	95	2	73·5	−0·4	69	12	75·8		73·4		·776	−·006		89	+ 6
Central Provinces, West																					
Khandwa ...	1,044	28·538	−·011	28·463	85·5	− 2·6	95	3	74·1	−1·4	70	12	77·7	81·9	74·4	75·9	·791	+·006	·815	85	+ 5
Hoshangabad ...	992	28·563	−·020	28·489	83·6	− 4·2	95	4	74·4	−0·9	72	12,15,26	76·6	80·8	74·9	76·7	·846	+·031	·872	93	+ 7
Saugor ...	1,808	27·727	−·020	27·657	84·0	− 2·1	94	2, 5	73·5	−0·5	70	23	76·8	80·1	73·5	75·1	·770	−·017	·799	87	+ 3
Jubbulpore ...	1,289	28·245	−·009	28·172	84·5	− 2·2	97	2	74·6	−0·1	72	6, 17	77·2	80·4	74·8	76·4	·833	+·027	·842	89	+ 5
Seoni ...	2,027	27·549	−·010	27·486	83·1	− 1·2	92	2	71·5	−0·8	69	4 days	75·6	77·9	73·0	74·1	·776	+·008	·784	88	+ 3
Nagpur ...	1,017	28·548	−·014	28·474	85·3	− 2·8	94	1	74·2	−1·1	70	11	77·4	81·6	74·9	76·8	·833	+·026	·858	89	+ 7
Central Provinces, East																					
Pendra ...	2,040	27·520	−·005	27·448	83·5	− 0·2	90	1	73·0	+1·1	70	2	76·3	78·1	74·1	75·3	·811	+·027	·826	90	+ 4
Raipur ...	970	28·574	−·014	28·501	85·7	− 1·2	95	1, 5	75·2	+0·2	70	11	78·3	81·7	75·7	77·3	·862	+·024	·865	89	+ 3
Kanker ...	1,318	28·257		28·185	83·8		91	1, 6	74·3		70	12	77·2	80·6	73·7	74·9	·791		·792	85	
Chanda ...	634	28·965	−·004	28·874	86·5	− 2·3	95	4, 6	75·1	−0·7	72	12, 13	78·0	82·8	74·8	76·7	·826	+·016	·845	86	+ 7
Jagdalpur ...	1,813	27·799	0	27·717	83·3	0	92	3	72·0	0	67	12	75·5	78·2	72·3	73·3	·743	−·029	·743	85	− 1
Konkan																					
Bombay ...	37	29·634	+·002	29·578	85·2	− 0·2	88	·2, 5	76·3	−0·2	72	12	80·3	81·7	77·4	77·8	·885	−·029	·903	88	+ 2
Alibag ...	23	29·663			84·2		86	4 days	77·7		74	12	80·6		77·8		·916			88	
Ratnagiri ...	207	29·503	−·002	29·457	83·0	− 0·9	86	2	75·8	−0·2	74	15, 19	79·5	80·1	77·0	74·6	·892	+·010	·792	89	+ 2
Marmagao ...	202	29·523	−·010	29·470	81·5		83	10 days	73·6		72	8 days	78·6	79·5	76·6	76·8	·899		·892	91	
Karwar ...	44	29·714	+·002	29·657	82·1	− 0·9	85	15,19,31	73·8	−1·4	70	4	77·9	80·1	75·5	76·7	·833	−·022	·878	89	+ 2
Bombay Deccan																					
Jalgaon ...	660	28·952			87·3		99	3	75·1		70	12	77·3		74·6		·833			89	
Malegaon ...	1,430	28·177	−·019	28·116	85·3	− 3·0	96	2	72·9	−0·6	70	12	77·2	80·9	72·7	73·3	·750	0	·709	80	+ 4
Ahmadnagar ...	2,154	27·513	−·013	27·450	82·7	− 2·9	91	2	69·8	−0·7	67	12	74·6	78·8	71·2	71·7	·710	+·015	·689	83	+ 4
Poona ...	1,834	27·843	0	27·785	80·8	− 2·0	88	5	71·3	−0·6	69	12	74·6	76·7	71·4	72·2	·720	+·019	·727	85	+ 5
Sholapur ...	1,570	28·106	−·001	28·020	85·7	− 2·3	94	2	71·0	−1·0	68	15	74·9	80·5	71·7	73·5	·743	+·048	·716	85	+10
Miraj ...	1,824	27·879		27·814	79·8		86	5, 31	70·5		68	15	74·2	77·6	71·0	71·9	·717		·709	85	
Inchalkaranji ...	1,795	27·908			82·5		91	4	70·1		68	12,15,29	74·2		71·3		·720			86	
Bijapur ...	1,950	27·741	−·013	27·656	85·8	− 1·0	94	2, 4	70·4	−0·4	68	15	74·9	81·4	70·5	71·7	·697	+·006	·655	80	+ 1
Belgaum ...	2,562	27·188	+·004	27·133	76·1	0	81	31	67·3	+0·1	66	6 days	70·2	71·6	69·1	69·8	·694	+·007	·705	94	+ 1
Gadag ...	2,131	27·604		27·528	83·4		90	31	69·5		68	4 days	73·6	78·9	69·9	71·1	·685		·650	83	
Hyderabad, North																					
Aurangabad ...	1,905	27·756	−·010	27·677	83·2	− 3·5	92	2	70·3	−0·4	68	12	73·8	78·8	71·7	73·0	·756	+·035	·729	90	+ 9
Nizamabad ...	1,250	28·373	−·019	28·286	84·9	− 3·8	92	4	73·5	−0·4	70	15	76·4	81·2	73·0	75·0	·763	+·013	·785	84	+ 5
Hyderabad, South																					
Gulbarga ...	1,503	28·166	−·012	28·069	86·0	− 3·6	94	1	71·7	−0·2	69	15	75·0	82·1	71·4	73·3	·697	−·020	·689	84	+ 4
Raichur ...	1,311	28·376	−·007	28·282	88·3	− 2·0	95	30	73·2	+0·1	70	15	76·7	84·4	71·9	73·7	·716	+·001	·696	79	+ 3
Hyderabad(Begumpet)	1,778	27·887	+·006	27·790	84·7	− 2·9	93	5	71·9	−0·7	68	13, 15	74·9	82·2	71·9	74·6	·743	+·006	·765	86	+ 5
Hanamkonda ...	877	28·738	−·017	28·657	87·0	− 1·3	96	5	75·0	−0·7	72	7 days	78·5	83·6	74·2	76·1	·777	+·015	·794	82	+ 6
Mysore																					
Chitaldrug ...	2,405	27·348	−·002	27·275	83·6	+ 1·2	90	31	69·2	+0·6	65	5 days	73·0	79·2	69·9	70·8	·654	−·005	·643	81	− 2
Balehonnur ...	2,917	26·887			72·1		80	31	64·8		64	8 days	67·5		66·5		·639			95	
Hassan ...	3,149	26·663	−·010		78·8	+ 1·2	86	31	66·1	+0·8	65	7 days	69·4		66·7		·621	−·012		86	− 1
Bangalore ...	3,021	26·779	−·005	26·702	81·0	− 0·4	85	26, 29	66·2	+0·6	65	8 days	69·7	76·9	66·3	68·3	·594	−·032	·577	84	− 2
Mysore ...	2,518	27·276	−·011	27·218	82·2	− 0·2	87	28	67·1	0	65	6	72·0	78·0	67·7	69·2	·623	−·014	·586	80	− 1

oud amount nths of sky).		Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																	STATION.
										8 hrs. L. M. T.										17 hrs. I. S. T.									
Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																												Central India, West
+ 0·6	8·1	11·41	+ 2·52	2·95	25	12	+ 1·6	9·3	+ 0·4	0	2	0	0	0	19	9	1	0	0	0	1	0	1	8	16	5	0	Neemuch
+ 0·4	9·3	16·26	+ 6·99	7·23	10	12	− 0·6	6·9	+ 1·7	0	0	0	0	0	9	19	3	0	0	1	0	0	0	10	18	2	0	Indore
	9·4	13·10		5·11	15	16		6·3		1	0	0	0	0	3	19	8	0	1	0	1	0	0	5	17	5	2	Bhopal
	7·9	10·12		2·74	23	13		6·3		0	1	0	0	0	6	14	6	4	1	2	1	0	0	4	12	5	6	Guna
																												Central India, East
+ 1·0	8·5	15·15	+ 1·68	2·79	20	18	+ 4·3	3·5	+ 0·5	1	1	7	1	1	8	7	1	4	1	4	2	0	0	10	8	1	5	Nowgong
+ 0·9	9·3	10·56	− 3·13	2·00	27	17	+ 2·0	4·5	− 1·2	0	0	5	1	2	10	10	3	0	2	2	2	2	2	9	9	2	1	Sutna
	9·8	18·76		3·21	28	18		3·8		0	0	1	2	0	5	14	5	4	1	0	0	1	1	4	10	4	10	Umaria
																												Berar
− 1·1	7·2	16·17	+ 6·90	2·95	12	16	+ 4·0	8·0	+ 1·3	1	0	0	0	0	5	19	6	0	1	0	1	0	1	2	19	6	1	Akola
+ 0·4		11·81	+ 3·08	3·02	22	15	+ 2·9	10·3	+ 3·3	0	0	0	0	0	13	17	1	0										Amraoti
																												Central Provinces, West
+ 1·8	9·5	11·23	+ 2·62	3·76	24	15	+ 4·0	8·5		0	0	0	1	0	6	23	1	0	1	0	0	1	0	7	17	5	0	Khandwa
+ 1·2	9·5	23·41	+ 8·22	3·82	15	24	+ 9·2	4·0	+ 0·3	0	0	0	0	1	8	19	0	3	0	0	0	0	0	6	12	1	12	Hoshangabad
+ 0·9	9·1	14·10	+ 0·16	2·61	14	19	+ 3·6	12·6	+ 7·0	1	1	1	1	0	10	13	4	0	1	1	0	0	0	10	15	4	0	Saugor
+ 1·2	9·6	22·97	+ 5·35	4·06	14	24	+ 6·8	4·0	+ 0·7	0	0	0	0	1	15	8	0	7	0	0	0	0	1	19	7	1	12	Jubbulpore
+ 2·3	9·6	14·70	− 0·53	2·22	14	20	+ 2·3	5·0	+ 0·5	3	4	0	0	1	2	4	14	3	5	2	0	0	2	3	2	14	3	Seoni
+ 1·7	9·5	13·23	+ 4·39	4·00	11	18	+ 1·8	4·3	− 1·7	0	0	0	1	1	8	16	1	4	1	0	1	1	0	6	20	2	0	Nagpur
																												Central Provinces, East
+ 2·1	9·0	15·49	+ 2·51	3·92	11	20	+ 3·2	4·5	− 0·1	0	2	1	3	12	3	2	3	5	3	0	0	2	10	8	3	3	2	Pendra
+ 2·2	9·7	11·99	− 2·45	4·30	11	13	− 2·4	4·7	− 2·9	0	1	0	0	1	17	9	1	2	0	1	1	0	1	12	6	3	7	Raipur
	9·4	13·29		2·58	21	19		6·3		0	0	0	2	3	14	9	2	1	0	0	0	0	1	11	7	12	0	Kanker
+ 1·2	8·4	13·67	− 2·43	3·06	23	18	+ 1·6	6·5	+ 1·7	1	0	0	0	0	14	13	0	3	1	0	0	0	3	10	6	1	10	Chanda
+ 1·6	9·1	10·43	− 4·44	2·92	23	16	− 3·0	4·6		0	0	0	1	1	7	8	0	14	0	0	0	2	2	8	11	0	8	Jagdalpur
																												Konkan
+ 0·5	9·6	16·06	− 8·20	2·43	24	26	+ 4·7	8·5	− 8·2	0	0	0	1	1	5	15	9	0	0	0	0	0	0	3	19	9	0	Bombay
		14·53		2·23	7	21		17·1		0	0	0	2	3	13	10	2	1										Alibag
− 1·3	7·5	27·19	− 5·79	3·71	7	29	+ 3·7	9·4	+ 0·6	0	0	1	0	1	10	15	4	0	1	0	0	0	2	11	9	8	0	Ratnagiri
− 0·6	7·7	26·58		3·27	3	27		13·5		0	2	0	0	0	6	16	7	0	1	0	0	0	0	5	18	7	0	Marmagao
− 0·7	6·3	34·13	− 3·93	4·47	7	29	+ 2·0	4·1	+ 0·2	3	6	0	6	4	5	0	3	4	4	6	0	5	3	8	0	5	0	Karwar
																												Bombay Deccan
		14·77		2·52	24	21				0	0	0	0	0	0	19	0	12										Jalgaon
+ 2·0	9·3	6·64	+ 1·84	2·24	9	10	+ 2·2	6·6	− 3·7	0	0	0	0	0	5	22	3	1	3	0	0	0	0	6	17	5	0	Malegaon
+ 0·3	7·2	12·82	+ 9·04	5·83	7	11	+ 4·3	6·2	− 4·9	0	0	0	0	0	6	18	6	1	2	0	0	0	0	3	17	9	0	Ahmadnagar
+ 1·0	9·1	6·96	− 0·05	1·08	24	15	+ 2·7	6·0		0	0	0	0	1	5	22	2	1	0	0	0	0	0	2	26	3	0	Poona
+ 0·5	7·2	11·87	+ 7·55	1·98	8	17	+ 9·3	6·9	− 3·9	0	0	0	0	3	12	12	4	0	3	1	0	1	1	7	11	7	0	Sholapur
	9·0	3·07		0·41	20	11		10·0		0	0	0	0	1	5	18	7	0	0	0	0	0	0	2	20	9	0	Miraj
		4·13		0·92	20	15		9·7		0	0	0	0	0	8	19	4	0										Inchalkaranji
+ 1·2	9·3	2·48	+ 0·22	0·94	4	5	+ 0·5	8·5	− 0·7	0	0	0	0	0	10	16	5	0	0	1	0	0	1	4	16	9	0	Bijapur
− 1·0	8·3	11·83	− 4·26	1·31	12	22	+ 0·4	6·4	−10·6	0	0	0	0	0	0	31	0	0	0	0	0	0	0	1	30	0	0	Belgaum
	8·4	3 25		1·11	31	11		12·1		0	0	0	0	0	8	20	3	0	0	0	0	0	0	6	18	7	0	Gadag
																												Hyderabad, North
+ 0·6	9·4	12·10	+ 5·62	3·44	3	20	+ 9·0	11·4	+ 0·9	0	0	0	0	0	6	23	2	0	2	0	0	0	1	5	19	2	2	Aurangabad
+ 1·3	8·5	14·15	+ 3·67	2·24	21	23	+ 9·0	5·5	− 1·0	0	0	0	0	0	22	7	2	0	0	1	0	0	3	13	6	8	0	Nizamabad
																												Hyderabad, South
+ 0·5	8·4	8·50	+ 2·32	2·21	20	10	0	9·6	− 0·4	0	0	0	0	0	11	18	2	0	1	1	0	0	0	11	10	8	0	Gulbarga
+ 0·1	6 8	6·21	+ 1·13	2·36	3	11	+ 1·7	11·8	+ 1·0	0	0	0	0	3	16	9	3	0	4	0	0	1	2	9	6	9	0	Raichur
+ 1·5	9·0	5·46	− 0·56	1·48	7	13	+ 2·6	6·4	− 3·8	0	0	0	0	0	4	20	7	0	1	0	0	1	0	5	15	8	1	Hyderabad(Begumpet)
+ 1·1	8·0	11·44	+ 2·45	3·46	7	15	+ 2·7	5·4	− 1·4	3	0	0	0	3	4	11	9	1	4	0	0	2	0	4	8	13	0	Hanamkonda
																												Mysore
0	8·3	1·42	− 1·69	0·42	2	6	− 2·4	9·4	+ 1·6	0	0	0	0	0	6	21	4	0	0	0	0	0	0	6	20	5	0	Chitaldrug
		25·60		3·25	1	27		4·2		1	0	0	0	0	2	10	7	11										Balehonnur
+ 0·5		2·64	− 2·76	0·74	15	8	− 4·8	8·0	+ 2·3	0	0	0	0	0	7	14	10	0										Hassan
+ 1·2	9·8	5·45	+ 1·27	3·31	30	7	− 1·4	11·1	+ 3·6	0	0	0	0	0	5	25	1	0	0	0	0	0	0	4	22	5	0	Bangalore
+ 0·6	9·1	1·71	− 0·92	0·35	28	5	− 1·6	9·4	− 0·1	1	0	0	0	0	12	17	1	0	1	0	0	0	0	5	24	1	0	Mysore

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Relative humidity %	
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Malabar																					
Mangalore ...	72	29·702	−·017	29·649	81·7	− 2·2	85	19,20,23	73·8	− 0·3	71	2, 3, 4	77·4	79·3	76·0	76·7	·875	+·012	·892	94	+
Calicut ...	27	29·780	−·001	29·714	81·8	− 0·3	87	$17,^{18,2}_{3}$	73·3	− 0·8	71	6 days	75·6	79·1	74·3	76·0	·818	−·028	·855	94	+
Cochin ...	10	29·806	−·013	29·744	81·3	− 2·6	84	6 days	74·2	0	71	2, 3	77·5	78·7	75·0	75·7	·833	0	·855	89	+
Trivandrum ...	200	29·593	−·024	29·523	83·3	+ 1·1	86	23, 27	74·8	0	72	1, 2, 3	77·7	80·7	74·8	75·7	·826	+·016	·828	87	
Madras, Southeast																					
Pamban ...	37	29·699	−·018	29·623	88·7	− 0·7	91	5 days	79·1	− 0·1	75	28	82·3	83·5	76·9	77·8	·851	−·022	·882	77	
Madura ...	463	29·258	−·026	29·162	96·2	− 0·5	101	14,25,26	77·9	+ 1·2	73	28	83·3	90·3	72·5	73·9	·662	−·069	·615	57	−
Negapatam ...	31	29·695	−·010	29·589	95·5	− 0·4	99	10, 25	79·4	+ 0·9	75	27	82·7	88·5	74·3	77·9	·723	−·075	·815	66	−
Trichinopoly ...	255	29·468	−·024	29·357	94·9	− 2·4	99	9, 26	77·2	− 0·7	72	27, 30	82·2	91·9	73·3	74·6	·689	−·016	·630	64	+
Coimbatore ...	1,341	28·402	−·019	28·323	85·7	− 1·8	91	23	70·8	− 0·1	69	6 days	75·6	81·2	71·2	71·6	·697	−·038	·655	80	−
Salem ...	913	28·817	−·016	28·700	93·0	− 0·2	98	26	74·3	+ 0·9	71	28	77·2	89·9	72·1	73·7	·716	−·052	·622	77	−
Cuddalore ...	39	29·667	−·018	29·556	95·5	− 0·2	99	2, 3, 24	78·4	+ 0·1	73	29	83·1	89·5	75·2	76·8	·758	−·076	·847	68	−
Vellore ...	703	28·995	−·016	28·884	94·0	− 0·3	98	26	77·8	+ 0·7	72	29	80·5	90·7	72·7	75·8	·702	−·040	·693	67	−
Madras ...	22	29·666	−·018	29·564	95·5	+ 0·2	99	5, 10	79·5	+ 1·0	75	29	83·7	88·3	74·6	78·0	·745	−·052	·815	64	−
Madras, Deccan																					
Cuddapah ...	428	29·273	−·005	29·142	94·0	− 1·9	98	5, 18	77·7	− 0·3	74	21,22,28	82·6	91·4	75·6	78·2	·801	+·044	·781	71	+
Bellary ...	1,473	28·223	−·015	28·127	89·0	− 2·2	93	2, 27, 31	74·5	− 0·4	71	1, 20	78·6	81·9	71·1	72·6	·656	+·003	·642	68	+
Kurnool ...	923	28·756	−·013	28·639	89·2	− 2·6	94	2, 26	74·5	− 0·5	71	15	78·3	87·1	72·8	74·7	·736	−·007	·698	76	+
Rentichintala ...	349	29·307		29·194	89·9		98	6	77·0		73	15	80·8	87·8	75·6	77·1	·828		·784	78	
Madras Coast, North																					
Nellore ...	66	29·605	−·007	29·494	95·9	− 1·2	101	4, 5, 6	79·6	− 0·2	74	4 days	84·2	93·4	75·6	77·1	·781	−·005	·702	67	+
Masulipatam ...	10	29·627	−·016	29·539	89·1	− 3·6	96	4 days	78·1	− 0·1	73	19	81·1	87·1	77·4	80·0	·878	−·010	·927	84	+
Cocanada ...	26	29·601	0	29·513	87·5	− 3·3	98	2	75·9	− 2·9	70	14	80·2	84·6	77·1	78·6	·885	+·007	·908	87	+
Vizagapatam ...	126	29·458	−·007	29·382	87·1	− 1·9	93	1, 24, 29	78·4	− 0·2	74	12, 15	81·7	84·3	76·7	78·5	·858	+·001	·908	79	+
Calingapatam ...	19	29·555	+·001	29·482	91·4	+ 1·4	97	1	79·8	+ 0·9	75	12	83·7	85·4	79·0	80·0	·928	+·011	·947	81	−
Hill Stations, excluding Kashmir and Baluchistan																					
Maymyo ...	3,546	26·261	+·028	26·194	77·0	+ 0·1	82	20	66·9	+ 0·9	63	14	70·4	73·8	68·3	70·3	·660	+·001	·691	90	+
Haka ...	6,100	23·954		23·907	70·6		76	3, 6	60·0		57	26	63·1	65·3	61·3	63·0	·516		·548	91	
Kanpetlet ...	6,322	23·771		23·728	69·8		74	16	59·9		57	24, 25	65·9	64·3	62·5	63·0	·538		·559	84	
Shillong ...	4,921	24·939	+·010	24·881	74·8	− 0·5	79	22	64·4	+ 0·1	60	24	68·2	69·8	65·7	66·3	·609	+·006	·597	88	+
Cherrapunji ...	4,309	25·478	−·001	25·437	71·2	− 1·0	79	1	64·8	− 0·2	62	20	66·7	68·1	66·2	66·7	·632	−·012	·643	96	
Aijal ...	3,599	26·143		26·082	77·0		81	21	66·0		65	9 days	69·5	71·3	68·0	69·3	·666		·684	93	
Darjiling ...	7,432	22·803	−·005		64·6	− 0·9	68	3, 23, 24	57·7	0	56	4 days	60·7		60·5		·536	+·011		98	
Kalimpong ...	3,913	25·840	+·018	25·776	74·3	− 0·8	78	2, 24	66·7	− 0·2	63	8	69·4	71·4	68·7	69·8	·702	+·015	·716	97	+
Katmandu ...	4,388	25·431		25·360	82·4	− 2·5	88	3	68·1	− 0·2	65	21	73·1	75·5	69·8	71·6	·691		·737	84	
Muktesar ...	7,592	22·679	−·002	22·632	67·5	− 2·6	74	2	57·2	− 0·7	55	18,20,22	61·0	63·6	60·4	62·4	·512	+·013	·544	97	+
Mussooree ...	6,940	23·200	+·030	23·161	68·6	− 2·6	75	1	60·5	− 0·2	58	19,23,24	63·7	66·0	63·1	65·1	·570	+·014	·606	97	+
Simla ...	7,224	22·951	+·008	22·912	70·6	− 0·7	78	5	60·7	+ 1·8	56	31	65·1	67·1	62·0	63·5	·523	+·023	·538	86	+
Murree ...	7,082	23·071	+·027	23·041	75·7	+ 1·9	83	5, 14	61·9	+ 3·5	56	8	68·8	73·8	61·6	64·5	·481	−·031	·516	70	−
Chorat ...	4,272	25·449	−·006		90·4	+ 1·0	103	5	72·3	+ 0·9	61	8	76·7		69·5		·626	+·026		73	+
Parachinar ...	5,673	24·240	+·008	24·196	88·0	+ 0·9	97	5	67·8	+ 1·5	61	1, 8	77·4	83·7	66·4	69·4	·522	+·018	·554	60	+
Drosh ...	4,723	25·059			96·2	− 0·4	104	20	69·7	− 3·2	59	9, 10, 11	77·3		66·1		·510	+·009		56	+
Mount Abu ...	3,945	25·785	+·018	25·723	74·5	− 0·9	84	5	66·4	+ 0·4	64	4 days	68·9	72·5	67·9	69·6	·672	+·029	·697	95	+
Pachmarhi ...	3,528	26·166	−·007	26·107	74·9	− 1·9	83	2, 4	67·5	− 0·7	65	14	70·0	72·6	68·5	70·0	·690	+·020	·703	93	+
Mahabaleshwar ...	4,534	25·337		25·294	65·8		71	5	61·5		59	12, 15	63·9	64·3	63·8	64·2	·595		·595	100	
Mercara ...	3,781	26·081	−·009	26·031	67·8	− 1·1	75	31	62·6	+ 0·6	61	3, 6, 7	64·1	66·0	63·8	65·4	·589	−·001	·610	99	+
Ootacamund ...	7,364	22·979	+·007	22·934	60·6	− 1·5	67	29	52·0	0	50	2, 17	54·9	56·9	53·7	54·7	·406	+·010	·411	93	+
Coonoor ...	5,730	24·341			70·8		77	25	59·4		55	17, 18	64·6		58·6		·430			71	
Kodaikanal ...	7,688	22·709	+·006	22·673	62·3	+ 0·4	67	17	51·9	− 0·2	50	20, 22	56·2	57·2	52·9	54·7	·367	−·012	·401	81	+
Ceylon																					
Colombo ...	24	29·790	−·014	29·719	84·6	− 1·0	87	1	76·7	− 0·3	73	5	79·4	82·5	75·5	76·0	·813	−·051	·808	82	−
Trincomalee ...	24	29·725	+·023	29·636	92·3	+ 0·3	95	18,14,21	77·5	+ 0·1	70	30	80·7	87·5	74·0	76·6	·747	−·084	·778	72	−
Hambantota ...	61	29·697	−·040	29·624	87·4	0	94	14	75·9	− 0·4	70	27	78·5	81·6	75·2	76·0	·822	−·010	·820	85	−
Nuwara Eliya ...	6,170	24·010		23·959	66·1		72	16	54·3		48	16, 17	59·0	62·7	56·6	58·8	·439		·458	88	
Arabia																					
*Aden ...	98	29·585	+·042		93·4	0	101	14	81·1	− 1·5	76	28,29,30	83·2		79·4		·935	+·036		84	+10

* Records observations at 7 hrs. (L. M. T.).

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																	STATION.
											8 hrs. L. M. T.										17 hrs. I. S. T.									
8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																													Malabar
3	+0·6	9·1	42·56	+ 5·45	7·40	3	29	+ 1·8	5·6	+ 2·3	2	0	3	1	2	5	8	9	1	0	0	0	0	1	7	7	15	1	Mangalore
4	+0·7	9·2	43·51	+13·27	9·13	2	25	− 1·2	5·9	+ 0·9	5	3	5	0	2	1	3	12	0	2	2	1	0	0	2	10	14	0	Calicut
7	+0·7	9·2	20·95	− 1·89	5·07	1	25	+ 1·0	6·6	+ 1·7	3	6	1	5	0	3	2	6	5	1	0	0	0	0	1	11	17	1	Cochin
5	0	8·3	9·16	+ 1·75	2·80	1	10	− 3·8	7·5	+ 1·4	18	0	0	0	0	0	3	9	1	2	0	0	0	0	0	5	24	0	Trivandrum
																													Madras, Southeast
7	+2·2	5·7	0·87	+ 0·30	0·65	27	2	+ 1·3	11·8	+ 3·1	1	0	1	2	9	9	8	1	0	0	0	0	9	16	4	2	0	0	Pamban
5	+1·1	8·9	5·52	+ 3·60	2·80	28	6	+ 3·4	6·2	+ 2·0	3	0	1	0	0	1	12	14	0	0	0	0	2	1	3	14	6	0	Madura
5	+1·3	7·8	0·88	− 1·01	0·71	27	2	− 1·3	7·4	+ 1·7	0	0	0	0	0	2	29	0	0	0	0	1	4	9	9	8	0	0	Negapatam
6	+1·6	8·7	3·23	+ 1·66	2·12	27	5	+ 2·6	10·1	+ 3·0	0	0	0	0	0	2	25	4	0	0	1	1	0	1	5	20	3	0	Trichinopoly
0	+2·3	8·1	1·74	+ 0·28	0·38	28	7	+ 2·7	10·3	+ 4·1	1	0	0	0	12	13	3	0	2	1	0	0	0	7	15	8	0	0	Coimbatore
1	+1·4	9·1	3·89	+ 5·07	3·76	28	8	+ 0·8	6·3	+ 2·5	1	0	0	0	9	12	7	1	1	1	1	1	0	4	8	11	2	3	Salem
3	+1·5	7·5	1·83	− 1·23	0·52	31	7	+ 1·5	6·2	+ 2·5	0	0	0	0	2	20	7	2	0	0	0	3	19	3	4	1	1	0	Cuddalore
8	+1·1	8·1	2·71	− 2·60	2·11	29	2	− 4·9	5·1	+ 0·8	2	1	0	0	0	3	14	11	0	2	0	0	0	0	5	13	11	0	Vellore
7	+1·8	9·2	1·96	− 1·98	0·34	22	7	0	10·6	+ 1·7	0	0	0	0	0	8	22	1	0	0	1	6	12	6	2	4	0	0	Madras
																													Madras, Deccan
5	+2·2	8·5	3·33	− 0·59	0·88	28	9	+ 2·3	6·5		1	0	0	0	0	0	21	7	2	3	0	0	0	2	4	12	9	1	Cuddapah
2	+0·4	8·3	1·15	− 0·70	0·38	20	3	− 0·9	9·4	+ 1·1	0	0	0	0	0	3	14	12	2	0	1	0	0	0	6	15	9	0	Bellary
5	+1·9	9·2	2·92	− 1·88	0·46	28	13	+ 3·5	12·1	+ 2·9	0	0	0	0	0	12	15	4	0	3	1	0	0	0	3	14	10	0	Kurnool
3		9·3	7·54		1·10	18	12		7·5		0	0	0	0	1	9	17	2	2	1	0	0	0	0	9	17	4	0	Rentichintala
																													Madras Coast, North
2	+0·2	8·6	1·56	− 1·19	0·22	20	7	+ 1·5	3·3	− 3·0	0	0	0	0	1	5	18	4	3	0	0	2	3	1	3	13	6	3	Nellore
3	+0·1	8·3	4·33	− 2·11	1·50	6	7	− 3·0	6·7	0	0	0	0	0	0	10	1	20	0	0	0	1	2	1	13	0	14	0	Masulipatam
9	+0·2	7·0	9·68	+ 3·85	1·95	14	16	+ 5·7	7·2	+ 1·7	0	0	0	0	0	18	10	0	3	0	0	0	0	3	21	3	0	4	Cocanada
6	+0·3	8·3	3·87	− 0·62	1·15	8	8	− 0·4	5·7	+ 1·3	0	0	0	0	0	8	16	3	4	0	0	0	0	2	21	6	1	1	Vizagapatam
6	+1·3	7·7	1·31	− 3·97	0·20	11	7	− 1·5	7·2	− 0·1	0	0	0	0	0	15	16	0	0	0	0	0	0	13	17	1	0	0	Calingapatam
																													Hill Stations, excluding Kashmir and Baluchistan
4	+0·7	7·4	3·09	− 3·19	0·57	19	11	− 0·7	2·6	0	2	2	1	1	3	1	1	1	19	0	0	5	2	1	5	2	0	16	Maymyo
7		9·0	13·10		1·59	25	18		6·3		0	7	10	1	3	5	1	0	4	1	4	9	2	4	2	2	0	7	Haka
0		9·3	10·92		1·75	7	21		4·5		1	1	5	3	6	6	2	1	6	1	1	3	0	1	3	11	0	11	Kanpetlet
5	+1·5	9·3	14·56	+ 0·08	3·21	30	17	− 2·2	2·4	+ 0·4	1	1	2	1	3	2	4	0	17	1	0	0	0	1	3	3	2	21	Shillong
1	−0·2	9·2	111·03	+12·52	21·08	31	28	+ 1·1	3·8	+ 4·2	0	2	2	11	7	6	0	0	3	2	6	1	5	4	11	1	0	1	Cherrapunji
8		7·0	11·38		2·50	21	21		6·8		0	2	8	3	7	9	0	0	2	0	0	5	1	4	17	2	2	0	Aijal
8	+0·7		24·97	− 9·23	3·69	13	27	+ 1·6	4·4	+ 1·0	1	4	15	3	1	2	2	1	2										Darjiling
6	+2·1	9·1	16·69	− 4·28	2·83	17	22	− 1·3	6·0		1	0	0	8	1	0	0	12	9	0	0	0	24	2	0	0	0	5	Kalimpong
5		8·6	18·84	+ 4·63	1·86	17	28	+ 7·2	1·0		0	1	6	0	0	0	1	1	22	6	0	4	4	0	0	2	3	12	Katmandu
2	+1·0	9·1	14·72	+ 2·29	1·87	14	21	+ 3·3	5·8	+ 0·8	0	3	6	4	0	3	11	1	3	0	0	1	2	1	10	13	0	4	Muktesar
2	+1·5	9·7	24·17		6·37	8	17		4·5		3	1	0	3	3	4	0	3	14	1	0	0	0	8	6	0	3	13	Mussooree
3	+0·4	9·2	15·21	− 1·67	3·40	31	19	− 0·5	2·3	− 0·4	2	9	1	2	4	2	0	0	11	4	2	0	2	5	5	1	3	9	Simla
3	+0·4	5·9	13·17	+ 1·33	2·23	23	12	− 0·5	5·8		0	1	4	9	1	1	7	6	2	0	0	1	6	2	5	12	4	1	Murree
0	0		5·16	+ 1·69	2·38	8	8	+ 3·1	7·3	+ 1·7	4	1	5	10	1	1	1	5	3										Cherat
5	−0·3	5·3	5·22	+ 1·84	1·78	24	9	+ 2·5	5·0	+ 2·9	4	4	11	5	3	0	2	0	2	0	5	13	8	2	2	1	0	0	Parachinar
8	0		0·32	− 0·25	0·17	8	1	− 0·5	7·1	+ 2·5	0	1	3	2	2	4	1	0	18										Drosh
2	+0·5	8·4	19·05	− 1·97	5·08	21	19	+ 2·1	6·6	− 1·8	0	0	0	0	5	9	6	2	9	0	0	0	0	6	12	2	1	10	Mount Abu
8	+1·0	9·9	31·26	+ 7·60	4·37	5	28	+ 6·9	5·5	− 2·3	1	0	0	0	1	1	14	12	2	1	1	0	0	0	2	17	10	0	Pachmarhi
0		10·0	30·45	−14·29	7·64	25	31	+ 1·0	11·1		0	0	0	0	0	5	23	3	0	0	0	0	0	0	5	24	2	0	Mahabaleshwar
5	−1·0	7·9	47·20	+ 6·27	9·30	1	29	+ 0·7	11·4	+ 4·9	0	0	0	0	0	0	15	16	0	0	0	0	0	0	0	16	15	0	Mercara
3	+0·5	9·5	5·78	− 3·05	1·02	27	14	− 2·0	7·8	+ 2·3	0	1	0	0	0	6	18	2	4	0	0	0	0	0	6	20	2	3	Ootacamund
4			3·48		1·31	30	6		5·8		1	0	0	3	2	2	0	18	5										Coonoor
3	+0·3	9·2	4·97	− 0·05	1·64	27	10	− 1·1	10·0	− 1·4	0	1	0	0	0	0	6	22	2	1	0	0	2	0	0	4	22	2	Kodaikanal
																													Ceylon
9	+0·5	7·7	4·63	− 0·52	1·44	5	9	+ 0·8			0	0	0	0	0	9	14	4	4	0	0	0	0	0	13	16	2	0	Colombo
9	+0·5	7·0	0·30	− 1·61	0·19	29	1	− 1·4			0	0	0	0	0	15	15	1	0	5	4	2	3	0	8	9	0	0	Trincomalee
8	+0·8	6·1	2·52	− 0·19	1·20	27	5	0			0	0	0	0	0	1	28	2	0	0	1	0	0	0	8	19	3	0	Hambantota
8		9·0	15·53	+ 3·80	4·52	3	14																						Nuwara Eliya
																													Arabia
9	−0·8		0	− 0·03	0		0	− 0·1	9·0	+ 1·6	12	4	0	5	4	2	1	1	2										Aden

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Relat humic %	
		Mean 4 hrs. G. M. T.	Departure from normal.	Mean 12 hrs. G. M. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 4 hrs. G. M. T.	Mean 12 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Mean 12 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Departure from normal.	Mean 12 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Departure from normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Iran																					
Charbar ...	25	29·476		29·402	90·5		95	5					85·5	88·3	79·8	81·1	·947		·961	77	
Jask ...	13	29·463		29·403	95·5	- 0·7	103	5	86·0	+ 0·7	83	26, 28	89·5	93·9	82·3	85·3	·996		1·086	73	
Bandar Abbas ...	29	29·431		29·337	102·1		114	8					94·7	97·8	86·3	87·7	1·124		1·185	71	
Bushire ...	14	29·415		29·384	99·1	+ 4·0	110	11	82·3 g	- 2·0	74	26, 28	89·8	95·3	84·5	89·4	1·126		1·282	80	
Ispahan ...	5,817	24·38 *		24·31 *	95·3	- 2·4	103	17, 28	66·9 b	0	61	3	76·3	94·5	59·0	63·6	·316		·269	33	
Meshed ...	3,104	26·48 *		26·42 *	92·8	+ 0·4	100	14	59·9	- 2·7	51	30, 31	77·3	89·3	60·5	64·7	·339		·331	35	
Seistan ...		27·868		27·777	103·9	+ 1·1	111	20	77·6	- 1·3	74	10, 11	82·4	101·3	66·4	75·4	·433		·539	41	
Arabia																					
Bahrein ...	8	29·437		29·410	100·7	+ 3·8	109	20	86·8	+ 1·7	81	1	92·5	97·8	85·1	86·8	1·099		1·130	73	
Muscat ...	15	29·443		29·398	91·6	- 2·9	105	13	83·2	- 4·2	74	26, 27	86·7	87·8	80·7	82·0	·974		1·009	79	
Sharjah ...	18	29·439		29·382	104·3		117	9	82·8		74	5	92·0	99·0	76·4	84·0	·686		·959	47	

* Aneroid. b—Mean of 29 days. g—Mean of 24 days.

TABLE IV—ABSTRACT OF OBSERVATIONS RECORDED AT 8 HRS. (L. M. T.) AT 4TH CLASS STATIONS—JULY 1938

STATION.	Maximum temperature °F.				Minimum temperature °F.				Mean dry bulb temperature 8 hrs. L. M. T. °F.	Mean wet bulb temperature 8 hrs. L. M. T. °F.	Vapour pressure, inches.		Relative Humidity %		Mean cloud amount 8 hrs. L. M. T.	Rainfall, inches.				Number of rainy days (0·10" or more).		Wind
	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.			Mean 8 hrs. L. M. T.	Departure from normal.	Mean 8 hrs. L. M. T.	Departure from normal.		Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Resultant direction 8 hrs. L. M. T.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Assam																						
Lumding ...	90·1	- 1·3	94	22	77·1	+ 1·0	74	25	80·7	77·2	·878		85			5·07	-2·54	1·07	1	9	- 3·0	
Bengal																						
Pabna ...	88·8	- 1·6	92	2	79·2	+ 2·9	76	1	83·1	80·3	·981	0	87	0		11·44	-0·34	3·30	31	21	+ 4·3	
Punjab, East and North																						
Gurdaspur ...									84·8	78·1	·869		75		7·0 a	7·71		1·57	23	11		S 48 E
Kashmir																						
Jammu ...	92·9	- 2·7	108	6	80·9	+ 1·7	72	17	84·5	76·8	·824	- ·008	71	0	4·8	14·43	+1·55	2·73	24	10	- 1·3	N 22 E
Kargil ...	85·4	- 2·3	95	22	62·5	+ 4·2	57	1, 27	70·8	58·1	·371	+ ·046	50	+ 6	4·1	0·05	- 0·26	0·05	24	0	- 0·9	N 25 E
N.W. F. Province																						
Bannu ...	105·6	+ 2·7	115	5	84·1	+ 1·9	73	8	93·5	76·9	·702	- ·084	47	- 10	3·3	0·90	- 1·50	0·45	24	3	- 0·3	N 27 E
Wana ...	94·4		102	4	70·9		67	1, 3, 7	83·6	68·3	·503		46		0·2	0·95		0·37	7	4		S 45 W
Hyderabad, North																						
Bidar ...	81·4	- 4·3	88	5	69·8	+ 0·9	66	15	73·0	70·9	·732	+ ·009	90	+ 6	8·5	10·78	+2·09	2·46	6	17	+ 5·0	S 81 W
Mysore																						
Nandi ...	71·3		75	29, 30	60·7		60	14 days	62·0	62·0	·558		100			2·51		0·82	30	7		N 65 W
Tibet																						
Yatung (Chumbi) ...	64·5	0	69	2, 3	50·9	- 0·7	45	23, 25	56·4	54·9	·419	- ·009	92	+ 1	6·3	6·24	-1·18	0·87	10, 13	20	+ 0·6	
Iran																						
Zahidan ...	96·5		107	21	67·6		59	9	85·6	61·5	·258		23		0	0		0		0		N 25 E

a—Mean of 30 days. f—Mean of 25 days.

Cloud amount tenths of sky).			Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																STATION.
											4 hrs. G. M. T.									12 hrs. G. M. T.								
4 hrs. G. M. T. Departure from normal.	Mean 12 hrs. G. M. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																												Iran
9	1·5	0		0		0		4·7		1	6	7	3	5	0	0	0	9	0	0	0	11	10	5	0	0	0	Charbar
7	2·7	0	0	0		0	0	9·2	− 0·3	1	3	18	3	1	0	1	3	1	0	0	1	10	11	5	4	0	0	Jask
7	3·0	0		0		0		6·5		1	8	6	5	1	0	0	2	8	0	0	0	12	15	4	0	0	0	Bandar Abbas
9	0·7	0	0	0		0	0	8·7	+ 2·5	3	1	6	5	3	1	1	4	7	0	0	0	0	3	8	15	5	0	Bushire
5	2·7	0	− 0·02	0		0	− 0·1	2·6	+ 0·6	2	2	1	1	0	0	5	2	18	2	4	7	2	0	1	3	3	9	Ispahan
5	2·3	0·05	− 0·01	0·05	5	0	− 0·1	2·2	+ 0·7	2	0	0	0	0	0	0	0	29	1	0	14	11	0	0	0	1	4	Meshed
7	0·5	0	0	0		0	0	13·5	− 0·7	0	0	0	0	0	0	0	23	8	0	0	0	0	0	0	0	24	7	Seistan
																												Arabia
9	1·7	0	0	0		0	0	6·3		5	2	1	6	2	4	4	5	2	16	4	11	0	0	0	0	0	0	Bahrein
1	2·2	0	− 0·02	0		0	− 0·1	3·2	+ 0·1	1	4	1	7	0	0	1	5	12	0	22	0	4	1	0	0	3	1	Muscat
0	2·2	0		0		0		6·8		1	0	4	8	7	2	1	0	8	7	1	3	0	0	0	4	16	0	Sharjah

e—Mean of 26 days. *g*—Mean of 24 days.

TABLE V—ABSTRACT OF OBSERVATIONS RECORDED AT 8 HRS. (L. M. T.) AT 5TH CLASS STATIONS—JULY 1938

DIVISION.	STATION.	Rainfall, inches.				Number of rainy days (0·10" or more).		DIVISION.	STATION.	Rainfall, inches.				Number of rainy days (0·10" or more).	
		Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.			Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.
1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8
Bengal ...	Bankura ...	11·95	−1·16	2·40	9	16	+0·6	Baluchistan ...	Harnai ...	4·38	+1·31	1·35	26	5	+0·3
	Rampur Boalia ...	8·66	−2·15	2·79	12	17	+2·0	Rajputana, East...	Udaipur ...	9·06	+1·81	2·38	9	10	+0·6
	Sirajganj ...	13·10	+1·61	3·44	31	17	+1·4	Bombay Deccan ...	Khandala ...	63·05		6·65	25	31	
	Rangpur ...	23·95	+8·69	3·50	6	22	+6·9	Hyderabad, North.	Parbhani ...	9·96	+3·14	1·60	9	18	+8·3
	Cooch Behar ...	37·72	+7·38	6·63	4	25	+5·4	Madras Southeast.	Palamcottah ...	0·37	−·001	0·21	1	2	+1·4
Bihar ...	Muzaffarpur ...	16·73	+4·26	3·45	16	21	+6·5	Madras Deccan ...	Anantapur ...	1·41	−1·97	0·90	3	3	−1·3
	Chapra ...	13·07	+0·85	4·88	13	15	+1·1	Sikkim ...	Lachung ...	18·28	+8·12	1·97	10	28	+2·6
	Arrah ...	12·07	−0·63	2·12	30	15	+0·7								
	Dehri ...	9·98	−0·61	2·75	12	15	+1·4								
United Provinces West.	Meerut ...	8·70	−0·39	2·96	18	9	−0·9								
Punjab, East and North.	Dharampore ...	17·13		4·30	25	14									
	Kyelang ...	0	−1·39	0		0	−4·2								
	Dalhousie ...	20·58	−1·48	6·28	18	16	−2·6								
Kashmir ...	Sonamarg ...	2·60	−1·07	2·05	27	2	−7·1								
	Gurez ...	0·60		0·45	21	2									

Y. P. P.—S 1738—335—18-10-38.

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MONTHLY FREQUENCY TABLES

of

Horizontal Visibility, Height of Base of Low Cloud and Surface and Upper Winds at Pilot Balloon Stations

July 1938

Supplement to the Monthly Weather Report, July 1938

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Tables of Wind Frequency:—Data for tables 1, 4, 7 and 10 are obtained from routine pilot balloon ascents. They are classified under four sets of tables according to the times of their commencement. Ascents in day-light starting at hours before 0830 hrs. I. S. T. have been classified under "morning". Most of these ascents begin at about 10-15 minutes before sunrise; thus the times will be different at different stations. Ascents starting at hours varying from 0830 to 1200 hrs. are classified as "forenoon" and those from 1200 to 1700 hrs. as "afternoon". Night ascents with lanterns which start after 0300 hrs. are classified as "late night". The most frequent times of commencement of the ascents which have been classified as "forenoon", "afternoon", and "late night" are 0900, 1400 and 0330 hrs. I. S. T. respectively.

The symbols used in the tables of wind frequency have the following meaning:— ϕ = Latitude of the station; λ = Longitude of the station; H_S = Height of the anemometer head (i.e. to which the values of the surface wind relate) above mean sea level; C = the number of observations when the speed of wind is 5 km./hr. or less and n = number of observations.

Tables of Frequency of Heights of base of Low cloud:—Tables 2, 5, 8 and 11 are based on observations made at the routine hours of pilot balloon flights or within half an hour of the same. Heights which are either measured or estimated are given.

In the first row of these tables, for amounts of low cloud 1-10, the number under code figure 9 gives occasions when there was no low cloud, and in the second row, for amount of low cloud = 9 or 10, the number under this code figure gives all occasions when the total amount of cloud (whether low, medium or high) was 9 or 10.

Tables of Frequency of Horizontal Visibility:—Data for tables 3, 6, 9 and 12 are obtained from observations near the times of the routine pilot balloon ascents.

The Code figures used in the tables Nos. 2, 3, 5, 6, 8, 9, 11 and 12 have the following meaning:—

Code figure ...	0	1	2	3	4	5	6	7	8	9
Cloud height ...	Less than 50 m.	50 to 99 m.	100 to 199 m.	200 to 299 m.	300 to 599 m.	600 to 999 m.	1000 to 1499 m.	1500 to 1999 m.	2000 to 2500 m.	No Low cloud Total amount of cloud = 9 or 10
Visibility ...	Less than 50 m.	50 to 200 m.	200 to 500 m.	500 to 1000 m.	1000 to 2000 m.	2000 to 4000 m.	4000 to 10000 m.	10000 to 20000 m.	20000 to 50000 m.	Greater than 50000 m.

POONA:
The 13th July 1939.

S. K. BANERJI,
Offg. *Director-General of Observatories.*

[Price 6 annas.]

STATION.	Speed limits (km./hr.).	Surface.										0·5 km. above Surface.										1·0 km. a. s. l.										2·0 km. a. s.						
		n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	
Agra ...	6–25	31	1	5	4	1		7			13	30			4	1	3		2	5		30	2	1	4		2	2	2	2		27	1	1	1	1		
ϕ = 27° 08′ N ...	26–50												1		2	3		1	5	1			2		1	4			3	4			1	1	3	1		
λ = 78° 01′ E ...	51–75																		2										1									
H_s = 181 metres ...	>75																																					
Ahmedabad ...	6–25	31						24	1		6	29						2	6	1		27						2	5			23	1	1	1	1	3	
ϕ = 23° 02′ N ...	26–50																	3	15	1								3	14	1								
λ = 72° 35′ E ...	51–75																		1										2									
H_s = 55 metres ...	>75																																					
Bangalore ...	6–25	31						15	9	1	1	22							1			30						2	18	2		5						
ϕ = 12° 58′ N ...	26–50							4	1										13	3								4	4									
λ = 77° 36′ E ...	51–75																		5																			
H_s = 936 metres ...	>75																																					
Bhuj ...	6–25	30						23	8		4	30							2			29					2	1	1			19	1			2	1	
ϕ = 23° 15′ N ...	26–50																	5	13									8	8							2		
λ = 69° 48′ E ...	51–75																	4	6									2	7									
H_s = 113 metres ...	>75																																					
Chittagong ...	6–25	31				14		1			16	28				2	1					24				1	3					19				2	2	
ϕ = 22° 21′ N ...	26–50															7	17									3	12	3								3	1	
λ = 91° 50′ E ...	51–75															1										1	1										1	
H_s = 21 metres ...	>75																																					
Dacca ...	6–25	31				18	4	3			11	29				3	3	2				18				1	7	1				6		1			3	
ϕ = 23° 43′ N ...	26–50															6	6	8							1	2	1	5							1		
λ = 90° 24′ E ...	51–75															1																					
H_s = 21 metres ...	>75																																					
Fort Sandeman ...	6–25	31		3					1		27	31	1	5	1			5	5	4	9											31		3		1		
ϕ = 31° 21′ N ...	26–50																		1																		
λ = 69° 27′ E ...	51–75																																					
H_s = 1421 metres ...	>75																																					
Hyderabad (Dn.) ...	6–25	31						3	17	7		30							1	4		30							1	4		20		1				
ϕ = 17° 26′ N ...	26–50								4										5	5									9	4								
λ = 78° 27′ E ...	51–75																		11	3									9	3								
H_s = 555 metres ...	>75																		1																			
Jubbulpore ...	6–25	31				1		8	8		14	20			1			1	3	1		19			1			2	1	2		10		1				
ϕ = 23° 10′ N ...	26–50																1	1	10	2							1	1	7	3							
λ = 79° 57′ E ...	51–75																												1									
H_s = 402 metres ...	>75																																					
Lahore ...	6–25	31			1	16					14	31			2	1	4	2	2	3		30	1			1	7	2	7	2		28	3	1	2		1	
ϕ = 31° 35′ N ...	26–50															6	6	2	2	1						4	8		2	1							
λ = 74° 20′ E ...	51–75																																					
H_s = 221 metres ...	>75																																					
Madho Sagar (Gwalior).	6–25	23		2			1	8	4	3	5	20	1		2	1	1			2	1	18		2		1			1	1	1	15	2		1	1		
ϕ = 26° 13′ N ...	26–50														1				4	1					2				1	6			2	1	1			
λ = 78° 08′ E ...	51–75																		5	1									2	1								
H_s = ...	>75																																					
Madras ...	6–25	31						10	2		19	31						1	23	2		31						2	4		1	30	1					
ϕ = 13° 04′ N ...	26–50																		4										2	5	11			1				
λ = 80° 15′ E ...	51–75																													5	1							
H_s = 13 metres ...	>75																																					
Malegaon ...	6–25	29						3	13	7	6	28					1		3	8		28					1	1	8	2		20	1		5		1	
ϕ = 20° 33′ N ...	26–50																		20										19									
λ = 74° 32′ E ...	51–75																		1										2									
H_s = 437 metres ...	>75																																					
Mangalore ...	6–25	28	1	1	1	1	1	2	7	6	8	24										22										11	1					
ϕ = 12° 52′ N ...	26–50																3	13	7										9	9							
λ = 74° 51′ E ...	51–75																	1											2	2							
H_s = 40 metres ...	>75																																					
Peshawar ...	6–25	31		4				1	1	8	17	31	10	2	3	1		2	2	7	3	31	8	2	4	2	1	2	5	5	1	28	5	2			4	
ϕ = 34° 01′ N ...	26–50																		1										1									
λ = 71° 35′ E ...	51–75																																					
H_s = 368 metres ...	>75																																					
Poona ...	6–25	31						22	3		6	31						1	2	2		31						1	5			17	1	1				
ϕ = 18° 32′ N ...	26–50																	2	22									3	20									
λ = 73° 51′ E ...	51–75																		2										2									
H_s = 589 metres ...	>75																																					
Port Blair ...	6–25	31					1	22	2		4	31					2	3	2			27					3	5	1			19			1	2	2	
ϕ = 11° 40′ N ...	26–50							2										17	3								1	10	2							1	1	
λ = 92° 43′ E ...	51–75																	4										3	2									
H_s = 87 metres ...	>75																																					
Raj Samand (Kankroli)	6–25																																					
ϕ = 25° 03′ N ...	26–50																																					
λ = 73° 58′ E ...	51–75																																					
H_s = 587 metres ...	>75																																					

3·0 km. a. s. l.											Amounts of low cloud.	No. of observations with Code figures.										No. of observations with Code figures.										STATION.
n	N	NE	E	SE	S	SW	W	NW	C		0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
21	1	3	1					4		1 — 10					5	2	3	3	6	12					1	1	12	17			Agra
	6		1					2																							
	2		1							9 or 10					2			1		24											
15	1	1	4	1				2	2	1 — 10					3	10	1	3	3	11					1	15	15				Ahmedabad
	1		1	1		1																									
										9 or 10					3	4	1			28											
1							1			1 — 10		4	7	1	14	2	2			1						23	4	4			Bangalore
										9 or 10		4	7		8	1	1			29											
13			3	1			2	3		1 — 10					10	6	4	2	1	8						1	15	15			Bhuj
	1			2				1																							
										9 or 10					3	2	1	2	1	24											
14				1	1	4	3			1 — 10			3		10	6	7	1		4					1	3	12	14	1		Chittagong
				2	2	1																									
										9 or 10			3		3	2				25											
1									1	1 — 10			1	8	19	2		1								1	30				
										9 or 10			1	2	2					24											
29	4	2	1			1	4	7		1 — 10							1	1	3	26			1		1	8	19	2			Fort Sandeman
	2							7																							
								1		9 or 10										4											
12		1	1					3		1 — 10					14	2	4	3	5	3						5	19	6	1		Hyderabad (Dn.)
							2																								
							4			9 or 10					5	2	3	2	1	28											
							1																								
4	1	2								1 — 10			1	5	10	5	5	2	2	3						6	11	14			Jubbulpore
		1																													
										9 or 10			1	4	6	2	1	1		25											
23	5		1			2	1	11		1 — 10							1	5	3	22						4	12	15			Lahore
							1	2																							
										9 or 10								1		3											
12	4	1	1					1		1 — 10					5	4	6	4	1	3						2	1	22	6		Madho Sagar (Gwalior)
	3		2																												
										9 or 10					4					19											
29	2				1		7		1	1 — 10								1	4	26								7	24		Madras
						1	15	1																							
							1			9 or 10										26											
11		1	2				3	1		1 — 10						4	16	2	7	2						4	18	8	1		Malegaon
		1	1				1																								
								1		9 or 10						3	9	2	2	29											
2										1 — 10					3	15	12	1						1	3	11	15	1			Mangalore
							1																								
							1			9 or 10					2	12	3			28											
26				1	1	2	5	3	1	1 — 10				1	1		3	4	3	19						1	5	8	5	12		Peshawar
						2	1	5		9 or 10				1			1	1		6											
4			1						1	1 — 10						26	1			4					1	4	5	16	5		Poona
		2																													
										9 or 10						10				26											
9					1	3	1			1 — 10					20	10	1									2	21	8			Port Blair
						1	1	1																							
							1			9 or 10										30											
										1 — 10																	5	24	2		Raj-Samand (Kankroli)
										9 or 10																					

STATION.	Speed limits (km./hr.).	Surface.										0·5 km. above Surface.										1·0 km. a. s. l.										2·0 km. a. s.						
		n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	S
Sambalpur ...	6-25	31		2				10			19	24		1		1	3	4	3			21				1		3	3			15	1		1		2	
ϕ = 21° 28′ N ...	26-50														1		1	9	1						1		1	4	3	1					1			
λ = 83° 58′ E ...	51-75																											2	2									
H_s = 153 metres ...	>75																																					
Tezpur ...	6-25	31		2	2		2	1	1		23	29			4	1	5	7	5		1	22		1	2	1	2	2	6			11		2	3			
ϕ = 26° 37′ N ...	26-50														1		1	3	1						1		3	1	3									
λ = 92° 47′ E ...	51-75																																					
H_s = 76 metres ...	>75																																					
Trichinopoly ...	6-25	31						1	23	5		31							6	4		31	2						9	5		31	3			1		
ϕ = 10° 49′ N ...	26-50								2										17	1									11	1								
λ = 78° 42′ E ...	51-75																		3										3									
H_s = 88 metres ...	>75																																					
Trivandrum ...	6-25	29	12						1	15	1	24								1		21										17						
ϕ = 8° 31′ N ...	26-50																		1	18									9									
λ = 77° 00′ E ...	51-75																		1	1			1						2	8								
H_s = 73 metres ...	>75																													1								
Vizagapatam ...	6-25	31						12	3	6	10	30					1	2	7		2	29				1		1	2	4	3	27	1			1		
ϕ = 17° 42′ N ...	26-50																	4	10									2	9	1							
λ = 83° 18′ E ...	51-75																	3	1									1	4								
H_s = 56 metres ...	>75																												1								

Allahabad ...	6-25	31		1	10	1	2	1	4		12	26		2	1	5	3	2	2	1	2	22	2		4	3	1	3	2	1	1	15			1	2	1	9
ϕ = 25° 26′ N ...	26-50														3	3		1	1						1	2			2						3	1		
λ = 81° 50′ E ...	51-75																																					
H_s = 111 metres ...	>75																																					
Bahrein ...	6-25	31	2		1	2	1	3	3	10	8	31	3	1	1		3	1	1	7	2	31	6	3		2	4		1	6		29	2	4	1	2	2	1
ϕ = 26° 14′ N ...	26-50		1										3				2		1	2			4	1						1			5	2				
λ = 50° 35′ E ...	51-75												1							1			1							1								
H_s = 14 metres ...	>75																						1															
Bombay (Juhu) ...	6-25	31				3		18	3	5	2	28					1	1		1		21						1	1	1		6						
ϕ = 19° 17′ N ...	26-50																	1	19	2								1	12	2								
λ = 72° 50′ E ...	51-75																	1	2										3									
H_s = 5 metres ...	>75																																					
Calcutta (Dum Dum) ...	6-25	31		1	2	10	5	8			5	30			2	5	4	7				28		1		3	4	3	1		2	10		2		1	2	3
ϕ = 22° 38′ N ...	26-50														1	5		4	1							5	2	5	1								1	
λ = 88° 27′ E ...	51-75																	1							1													
H_s = ...	>75																																					
Gaya ...	6-25	31		3	6	1	4	4		1	12	30		1	1	5	4	5	5	2		26		1	4	2	2	5	4	2		17	2		2	3	1	4
ϕ = 24° 49′ N ...	26-50														5			1	1						2	1	1		2						1	1		
λ = 85° 01′ E ...	51-75																																					
H_s = 117 metres ...	>75																																					
Gwador ...	6-25	31		4	6	4	2	2	1		12	29			5	14	2	1	1	2	3	19	4	3	7				1			13	2	2				
ϕ = 25° 08′ N ...	26-50														1								1	3									4	2	2			
λ = 62° 19′ E ...	51-70																																					
H_s = 10 metres ...	>75																																					
Jacobabad ...	6-25	31		1		11	3	1		1	14	31	1		1	5	9	7	1	2		31	1	1	2	3	9	3	1	1	4	30	2	5	2	1	2	3
ϕ = 28° 17′ N ...	26-50														1		2	2					2		1		1	2									
λ = 68° 29′ E ...	51-75																																					
H_s = 66 metres ...	>75																																					
Jodhpur ...	6-25	31						9	3		2	29	2	1			1	3	1			26	2		1		1	2	1			21		4	4	1	5	1
ϕ = 26° 18′ N ...	26-50					1		16										14	5								14	3					1	1	2		
λ = 73° 01′ E ...	51-75																	2										2									
H_s = 232 metres ...	>75																																					
Karachi (Drigh Road) ...	6-25	31						17	5		1	30						3	7			17						2	2	1		6	1		1		2	
ϕ = 24° 54′ N ...	26-50							8											17								1	1	10								
λ = 67° 11′ E ...	51-75																	1	2																		
H_s = 30 metres ...	>75																																					
New Delhi ...	6-25	31		1	4	10	1	2	3	1	5	29			2	6	5	1	4	1	1	27	1			6	2	2	3		1	21	3		3	1		
ϕ = 28° 39′ N ...	26-50				1				2	1					1	1			6	1					1	1			4	5					1			
λ = 77° 15′ E ...	51-75																													1								
H_s = 227 metres ...	>75																																					
Sharjah ...	6-25	31	1	1	2	9	5	5	1	3	4	31			4	6	7	3	2	3		31		1	5	3	4	8	3	2	2	31	1	5	2	4	1	5
ϕ = 25° 20′ N ...	26-50															1	3	1		1						2				1						2		
λ = 55° 24′ E ...	51-75																																					
H_s = 13 metres ...	>75																																					

QUENCY (MORNING)

TABLE 2—FREQUENCY OF LOW CLOUD HEIGHTS (MORNING)

TABLE 3—FREQUENCY OF VISIBILITY (MORNING)

d s /	3·0 km. a. s. l. n	N	NE	E	SE	S	SW	W	NW	C	Amounts of low cloud.	No. of observations with Code figures. 0	1	2	3	4	5	6	7	8	9	No. of observations with Code figures. 0	1	2	3	4	5	6	7	8	9	STATION.
25	7			1			2	1			1 — 10			1		9	15	4	2								6	6	13	6		Sambalpur
50		1						2																								
75											9 or 10					6	1	1			22											
75																																
25	2			1						1	1 — 10			1	1	3	9	3	10	2	2					1	6	23	1		Tezpur
50																																
75											9 or 10			1	1	1	6	2	1	1	29											
75																																
25	27	1	1					6	6		1 — 10					1				7	23							17	10	4	Trichinopoly
50								4	4																							
75								4	1		9 or 10										15											
75																																
25	10	1									1 — 10						20				11					3	11	15	2		Trivandrum
50								1	1																							
75								3	4		9 or 10						6				19											
75																																
25	12	1					1	3	1	1	1 — 10					2	1	11	2	3	12					1	1	10	19			Vizagapatam
50								3	1																							
75								1			9 or 10					1		1			21											
75																																

QUENCY (FORENOON)

TABLE 5—FREQUENCY OF LOW CLOUD HEIGHTS (FORENOON)

TABLE 6—FREQUENCY OF VISIBILITY (FORENOON)

25	8	1		1	1	2			1		1 — 10					5	13	6	3	1	3					1		7	23			Allahabad
50		1		1																												
75											9 or 10					3	4				20											
75																																
25	23	3	1	1		1	1	6	2	1	1 — 10										31						6	19	6			Bahrein
50		1		2				2	2																							
75											9 or 10										5											
75																																
25											1 — 10					13	11	4	3								3	27	1			Bombay (Juhu)
50																																
75											9 or 10					6	2		1		27											
75																																
25	1						1				1 — 10					10	19	2									6	25				Calcutta (Dum Dum)
50																																
75											9 or 10					3					28											
75																																
25	8			1	2	2	2				1 — 10					11	7	3			5							3	28			Gaya
50				1																												
75											9 or 10					2					20											
75																																
25	9	5						1			1 — 10					4	23			1	3					2	18	8	3			Gwador
50			3																													
75											9 or 10					2	6				11											
75																																
25	28	4	3	4		1	2	3	5	1	1 — 10									1	30						1	21	9			Jacobabad
50		4		1																												
75											9 or 10										3											
75																																
25	12	1	2	4	2						1 — 10			1		7	6	7		1	9							8	22	1		Jodhpur
50			1	2																												
75											9 or 10			1		1	3	2			18											
75																																
25	5	2		2					1		1 — 10			1		5	17	7	1							1	1	20	7	2		Karachi (Drigh Road)
50																																
75											9 or 10			1		4	10	4			26											
75																																
25	12	1	1	1					3		1 — 10					3	7	7	3		11							5	26			New Delhi
50		3							2																							
75		1									9 or 10						2	1			11											
75																																
25	26	4	7	2	2	2	2	1	1		1 — 10									1	30						1	4	20	6		Sharjah
50			2		1			2																								
75											9 or 10										3											
75																																

STATION.	Speed limits (km./hr.).	Surface.										0·5 km. above Surface.										1·0 km. a. s. l.										2·0 km. a. s.
		n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S
Agra ...	6-25	31	3	2	4	3		4	3	4	8	31	5	1	7			2	6	4	1	30	7	1	5				4	5	1	24	3	1	4		
	26-50												1			2			1	1			2		2	1			1	1			5	1	1	1	
	51-75																																				
	>75																																				
Ahmedabad ...	6-25	31				1	1	15	8	2	4	31					1	5	9		1	31						4	6	1	1	22	1	1	1	2	
	26-50																	4	10	1								7	11	1							
	51-75																																				
	>75																																				
Allahabad ...	6-25	31		2	7		1	1	3	2	15	30	2	2	6	3	3		2	2	1	28	1		7	1	2	2	3	3	1	19			2	3	2
	26-50														4				5						4				3	1						3	
	51-75																																				
	>75																																				
Bahrein ...	6-25	31	13	8	6					2	1	31	9	2	3	2	2			5	1	31	6	2	1	2	3		2	5	1	29	5			1	1
	26-50		1										2										3							1			2	1			
	51-75												3							1			2							3			1				
	>75												1																								
Bangalore ...	6-25	29						4	8	7		29							2	4		29						4	9	3		23	1				
	26-50							4	6									3	18	1									13								
	51-75																		1																		
	>75																																				
Bhuj ...	6-25	14						7	1	1	1	14							1			9							1			2					
	26-50							3	1									9	3									4	3								
	51-75																		1									1									
	>75																																				
Bombay (Juhu) ...	6-25	31						18	5	7		27						2	5			18						2	1	1		5					
	26-50							1										1	16	1									11								
	51-75																		2										3								
	>75																																				
Calcutta (Dum Dum)	6-25	31			1	13	6	10			1	31				4	4	2	1		1	31			1	2	7	3	1			23			1	1	7
	26-50														1	5	7	6								7	6	4							3	1
	51-75																																				
	>75																																				
Chittagong ...	6-25	31				8	8	15				31					1	5	3			25				3	2	3				18				2	1
	26-50																	19	3							1	11	4							2	7
	51-75															1											1										
	>75																																				
Dacca ...	6-25	31				19	6	5			1	30				6	7	2				21				3	2	2				14				1	1
	26-50														1	2	9									3	8	3							4	2
	51-75															1	1	1																			
	>75																																				
Fort Sandeman ...	6-25	31		2	1	2			2	2	22	31	4	1	1	1	3	5	6	1	6											31	4	2		1	2
	26-50													1		1		1																1		1	
	51-75																																				
	>75																																				
Gaya ...	6-25	31	1	7	6	4	1	1	1	3	7	28	1	2	10	1	5	2		2	1	29		2	4	3	2	5	2	2		17			3	2	2
	26-50														1	1			1	1					2	3				1	3				1	4	
	51-75																																				
	>75																																				
Gwador ...	6-25	31				10	14	6				31	2		3	10	5	4	1	2	3	28	4	5	2		1	3	3			24	7	2		1	
	26-50							1								1							1	7	1			1					3	4	1		
	51-75																																				
	>75																																				
Hyderabad (Dn.) ...	6-25	31							17	9	2	31							6	4		31							6	4		18					
	26-50								2	1									18										19								
	51-75																		3										2								
	>75																																				
Jacobabad ...	6-25	31				5	2	3		1	20	31		1		9	13	1	2		3	31	1	1	2	3	17	2	1	1		29	3	2	2	3	3
	26-50													1			1							1			2							1	1		1
	51-75																																				
	>75																																				
Jodhpur ...	6-25	31				1	1	15	3	1	1	31	1			1	1	8	4	1	2	31		2	1		3	3	2	1		25	1	5	2	4	2
	26-50							8	1									13										12	1				1		1		
	51-75																																				
	>75																																				
Jubbulpore ...	6-25	31					1	9	9	3	9	24	3	1			2	2	3	5		23	3			1	1	2	3	6		14	3		2	1	
	26-50																	1	7					1				1	5				1		1		
	51-75																																				
	>75																																				
Karachi (Drigh Road) ...	6-25	31						15				30					1	2	2			17		1			1	3	3	1		11	1	1	1	1	
	26-50							16										10	13				1					2	3	1			1		1		
	51-75																		2																		
	>75																																				

eed nits n. r.).	3·0 km. a. s. l. n	N	NE	E	SE	S	SW	W	NW	C	Amounts of low cloud.	No. of observations with Code figures. 0	1	2	3	4	5	6	7	8	9	No. of observations with Code figures. 0	1	2	3	4	5	6	7	8	9	STATION.
6-25	18	2	3	2					2		1 — 10					2	1	9	6	9	4							15	14	2		Agra
6-50		7						1	1																							
1-75											9 or 10							2			18											
>75																																
6-25	11		2	1			3	3			1 — 10					2	3	8	2	3	6						2	18	11			Ahmedabad
6-50		1		1																												
1-75											9 or 10					2	2	3	1	1	25											
>75																																
6-25	7			1	2	1	1		1		1 — 10					1	9	16	5								1	2	28			Allahabad
6-50					1																											
1-75											9 or 10						2		1		20											
>75																																
6-25	16		2	1	2	1	1	2	4		1 — 10										31						1	4	24	2		Bahrein
6-50		1						2																								
1-75											9 or 10										1											
>75																																
6-25	4	1							1		1 — 10						4	19	6								2	8	18	3		Bangalore
6-50								1	1																							
1-75											9 or 10						3	9			24											
>75																																
6-25											1 — 10						4	7	3								1	5	25			Bhuj
6-50																																
1-75											9 or 10						2	5	1		13											
>75																																
6-25	2						1				1 — 10						11	14	3	2	1						6	22	3			Bombay (Juhu)
6-50									1																							
1-75					1						9 or 10						4	2	1		26											
>75																																
6-25	3				1		1				1 — 10						5	19	7								1	30				Calcutta (Dum Dum)
6-50				1																												
1-75											9 or 10										21											
>75																																
6-25	12			2	1	1	2	1			1 — 10						8	16	7									5	24	2		Chittagong
6-50					2	1	2																									
1-75											9 or 10						4	1			23											
>75																																
6-25	7			1	1		1	2			1 — 10				1	11	10	9										31				Dacca
6-50				1			1																									
1-75											9 or 10					1					14											
>75																																
6-25	31	2		3	1	2	8	7	4	2	1 — 10								9	12	10					1	6	12	11	1		Fort Sandeman
6-50							1		1																							
1-75											9 or 10								1		2											
>75																																
6-25	8			2		2	1				1 — 10					4	16	7	3		1					1	1	4	25			Gaya
6-50				1	1																											
1-75					1						9 or 10					2	1				24											
>75																																
6-25	19	5							3		1 — 10					3	15	1			12						14	14	3			Gwador
6-50			7						1																							
1-75		2	1								9 or 10						1				3											
>75																																
6-25	7	1		1				1	2	1	1 — 10					1	6	9	5	9	1							3	6	20	2	Hyderabad (Dn.)
6-50								1																								
1-75											9 or 10					1	3	4	2	2	21											
>75																																
6-25	25	4	4	2	1	2		2	5	2	1 — 10							1	3	3	24						3	20	8			Jacobabad
6-50		2	1																													
1-75											9 or 10										1											
>75																																
6-25	21	2	3	2	6	1			1	2	1 — 10						4	5	5	1	16							1	28	2		Jodhpur
6-50		1	2	1																												
1-75											9 or 10						2	1			15											
>75																																
6-25	7	3		1					1		1 — 10					11	5	5	3	1	1						3	12	12	4		Jubbulpore
6-50				1	1																											
1-75											9 or 10					10	3	2			25											
>75																																
6-25	8	2		2				1	1		1 — 10					2	18	7			4					1	1	19	7	2	1	Karachi (Drigh Road)
6-50			1	1																												
1-75											9 or 10					2	11	2			18											
>75																																

STATION.	Speed limits (km./hr.).	Surface.										0·5 km. above Surface.										1·0 km. a. s. l.										2·0 km. a. s. l.						
		n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW
Lahore ...	6-25	31		2	1	7		1	3	2	15	31			2	9	2	6	5	3	1	31			1	8	4	6	5	3	2	27	1		1	1	1	3
	26-50													1		2										2										1	1
	51-75																																					
	>75																																					
Madho Sagar (Gwalior).	6-25	31	2	4	4	1	1	2	8	5	3	29	5	2	5		1		3	7		30	3	4	4	1				7		21	2	2	3			
	26-50								1										3	3			1		1		1		1	7			4					
	51-75																																					
	>75																																					
Madras ...	6-25	31	2		4	4		5	10	2	4	31	1	1		1	1	3	10	3	1	31	1					3	8	7		31	2					
	26-50												1					1	7	1								1	9	2								1
	51-75																																					
	>75																																					
Malegaon ...	6-25																																					
	26-50																																					
	51-75																																					
	>75																																					
Mangalore ...	6-25																																					
	26-50																																					
	51-75																																					
	>75																																					
New Delhi ...	6-25	31	2	8	5	7	2	1		4	2	31	6	2	7	4	1		3	5	2	31	4	3	6	2	1		3	6	3	26	3		2	3		
	26-50														1											2				1			1			2		
	51-75																																			1		
	>75																																					
Peshawar ...	6-25	31	3	10	2	3	1			1	11	31	2	7	11	7	1				3	31	2	3	13	3	2			3	29			1	5	6	6
	26-50																																			1		
	51-75																																					
	>75																																					
Poona ...	6-25	31						17	7	1		31						2	5	1		31						2	5	1		15						1
	26-50							5	1										20									2	18								
	51-75																	1	2									1	2								
	>75																																					
Port Blair ...	6-25	31					3	8	7	3	1	29			1		2	6	4			25			1			7	2			12				1	2
	26-50							9										11	2									9	3								4
	51-75							.										3										2	1								
	>75																																					
Raj-Samand (Kankroli)	6-25	31	1		1	1	1	15	2	4	5	31	3		1		2	10	5	4	2	31	2		1		2	9	5	4	2	21	4	4	1	2	2	3
	26-50									1								3		1								4		2							
	51-75																																					
	>75																																					
Sambalpur ...	6-25	31					1	12	1		17	29		1	1	1	3	10	6		2	26		1	1		2	6	2	3	2	16			3	2		6
	26-50																	1	2									4	5								1
	51-75																	2																			
	>75																																					
Sharjah ...	6-25	31	3	2					1	21		31	2	1	2			1	9	13		31		1	6	1	5	6	5	3	1	29	4	1	3	1	3	4
	26-50			1	1					2					2				1						1				1	1					2	1		
	51-75																																					
	>75																																					
Tezpur ...	6-25	31		1	6			5	2		17	30		1	7		7	4	3		1	29		1	4	2	5	6	4		1	21			2	2	3	7
	26-50														2			4	1									5	1								4
	51-75																																					
	>75																																					
Trichinopoly ...	6-25	81						1	18	8		31							3	2		31							3	3		29	1	2				
	26-50								2	2									12	3									19	1							1
	51-75																		11										4								
	>75																												1									
Trivandrum ...	6-25																																					
	26-50																																					
	51-75																																					
	>75																																					
Visagapatam ...	6-25	31					5	21	1	1	3	31			1		4	6	5			30		1		1		2	8	1	2	23			1			1
	26-50																	6	8										13								
	51-75																	1											2								
	>75																																					

eed nits m./ r.).	3·0 km. a. s. l.										Amounts of low cloud.	No. of observations with Code figures.										No. of observations with Code figures.										STATION.
	n	N	NE	E	SE	S	SW	W	NW	C		0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
6-25	17	2	1		1		2	1	9		1 — 10						1	1	6	3	20						2	4	22	3		Lahore
6-50									1																							
1-75											9 or 10								1		4											
>75																																
6-25	14	5		2					2		1 — 10			1		3	11	8	2		6							3	15	13		Madho Sagar (Gwalior)
6-50		4		1																												
1-75											9 or 10			1		3	4				25											
>75																																
6-25	20	1				1	1	3	1		1 — 10								4	21	6								31		Madras
6-50								8	1																							
1-75								2	1		9 or 10									1	23											
>75								1																								
6-25											1 — 10																3	16	9	3		Malegaon
6-50																																
1-75											9 or 10																					
>75																																
6-25											1 — 10															3	5	10	18			Mangalore
6-50																																
1-75											9 or 10																					
>75																																
6-25	15			2	1	1		1	1		1 — 10					2	3	5	14	3	4						1	8	22			New Delhi
6-50		3							2																							
1-75		1		1				1	1		9 or 10						1				10											
>75																																
6-25	27					3	4	8	7	1	1 — 10				1		2	3	6	7	12						5	4	6	10	6	Peshawar
6-50								4																								
1-75											9 or 10				1		1	1			3											
>75																																
6-25	3	1									1 — 10					1	18	11	1							1	3	3	19	5		Poona
6-50								1																								
1-75											9 or 10					1	7	3			26											
>75								1																								
6-25	2							1			1 — 10					16	11	2			2					2	4	16	6	2	1	Port Blair
6-50								1																								
1-75											9 or 10					4		1			24											
>75																																
6-25	17	2	4	5	3	1					1 — 10					1	8	14	7	1								2	28	1		Raj Samand (Kankroli)
6-50		1		1																												
1-75											9 or 10					1	1	2			18											
>75																																
6-25	13			2	2	1	3	1			1 — 10					6	10	9	6								2	2	16	11		Sambalpur
6-50				1			1	1	1																							
1-75											9 or 10					3	2				23											
>75																																
6-25	25	1	2	2		2	3	1	2	3	1 — 10									3	28					1	1	4	22	3		Sharjah
6-50		1	3	2			1	2																								
1-75											9 or 10										2											
>75																																
6-25	13		2	3	1	3	2			1	1 — 10				1	1	1	8	11	9								4	22	5		Tezpur
6-50							1																									
1-75											9 or 10				1		1	1			18											
>75																																
6-25	18	3	1					1	3		1 — 10							3	18	3	7							1	6	21	3		Trichinopoly
6-50								5	2																							
1-75								3			9 or 10								1		17											
>75																																
6-25																									1	3	3	12	11	1		Trivandrum
6-50																																
1-75																																
>75																																
6-25	17		1				1	3	3	1	1 — 10					2	5	8	4		12							6	25			Vizagapatam
6-50							2	6																								
1-75											9 or 10										22											
>75																																

STATION.	Speed limits (km./hr.).	Surface.										0·5 km. above Surface.									
		n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C
Allahabad ...	6-25	31		2	6	2		5	2		14	26	1		2	4	3	3		3	
	26-50														2	2		1	4	1	
	51-75																				
	>75																				
Bahrein ...	6-25	31	3		1	3	1	3	5	4	11	30	5	1	2		3	5	2	2	
	26-50												2				1			2	
	51-75												3							1	
	>75												1								
Bombay (Juhu) ...	6-25	31				3	1	19	3	2	3	27					1	4	3		
	26-50																	1	17	1	
	51-75																				
	>75																				
Calcutta (Dum Dum) ...	6-25	31		2	1	7	3	14			4	30			1	1	3	3		1	1
	26-50														1	2	4	11	2		
	51-75																				
	>75																				
Gaya ...	6-25	31		4	8	1	4	4		2	8	27			1	6	3	7	5	1	
	26-50														2	2					
	51-75																				
	>75																				
Gwador ...	6-25	31			7	6		1	1		16	31	1		8	7	4		5	1	3
	26-50															1			1		
	51-75																				
	>75																				
Jacobabad ...	6-25	31				7	9	4			11	31	1			4	6	7	1		
	26-50														1		4	7			
	51-75																				
	>75																				
Jodhpur ...	6-25	31						15	2		3	28								1	
	26-50							8	2	1								10	5		
	51-75																	8	3		
	>75																	1			
Karachi (Drigh Road) ...	6-25	31						16	9		2	30					1	4	10		
	26-50							3		1									15		
	51-75																				
	>75																				
Madho Sagar (Gwalior).	6-25	8					1	1	1		4	8		1		1	1		1	2	
	26-50								1							1			1		
	51-75																				
	>75																				
New Delhi ...	6-25	31			8	11	1	1	4			30			2	4	3		3	2	
	26-50							1			5				1	5	4		3	2	1
	51-75																				
	>75																				
Raj Samand (Kankroli).	6-25	31		1			1	15	4	3	7	29		2				2	12	5	1
	26-50												1					3	2	1	
	51-75																				
	>75																				
Sharjah ...	6-25	31		3	7	10	1				9	31	2	1	3	2		5	2	6	2
	26-50					1									1	3	1			1	
	51-75															1				1	
	>75																				

STATION.	Speed limits (km./hr.).	1·0 km. a. s. l.										2·0 km. a. s. l.									
		n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C
Allahabad ...	6-25	23			1	3	3	3	3	5		11	1		1		3				
	26-50				2	1		1	1						1	1					
	51-75																				
	>75																				
Bahrein ...	6-25	30	4	1	1		2	4	4	1		25	3	1	1	1	1				1
	26-50		6							3			4	1							
	51-75		3																		
	>75									1											
Bombay (Juhu) ...	6-25	16						3	1	2		1				1					
	26-50								10												
	51-75																				
	>75																				
Calcutta (Dum Dum) ...	6-25	29			2	1	4	8	2	1		16	1		1	1	3	8			
	26-50					2	2	6	1												
	51-75																				
	>75																				
Gaya ...	6-25	25		1	1	6	5	2	7		1	16	1		2	4	4	3			
	26-50				2										1						
	51-75																				
	>75																				
Gwador ...	6-25	17	2	1	5				2	3		14	4	1							
	26-50			1					1	2			1		3						
	51-75														1						
	>75																				
Jacobabad ...	6-25	31			3	3	5	8	5	2	2	28	1	2	4	1	5	4			
	26-50				1			1	1						1						
	51-75																				
	>75																				
Jodhpur ...	6-25	27							1	1		22	4	1	1	1	2	5			
	26-50						1	5	6							1	1	3			
	51-75							9	1									1			
	>75							3													
Karachi (Drigh Road) ...	6-25	13	1		1		1	3	5			6		1	2		1				
	26-50								2					1							
	51-75																				
	>75																				
Madho Sagar (Gwalior).	6-25	8		1	1					3	1	5		1	1	1					
	26-50				1					1											
	51-75																				
	>75																				
New Delhi ...	6-25	28			1	4	3	2	1	3	2	26	2	1	4	2					
	26-50					3		2	5	2			2			1					
	51-75																				
	>75																				
Raj Samand (Kankroli).	6-25	29	2	1				4	12	3		26	3	6	2	4	4	1			
	26-50							4	1	2				1							
	51-75																				
	>75																				
Sharjah ...	6-25	31	3	1	2	3	2	5	3	6	1	30	1	4	4	1	4	3			
	26-50					2			1	2								2			
	51-75																				
	>75																				

CLOUD HEIGHTS (LATE NIGHT) OF VISIBILITY (LATE NIGHT)

...ed nits n./ ...).	3·0 km. a. s. l.										Amounts of low cloud.	No. of observations with Code figures.										No. of observations with Code figures.										STATION.
	n	N	NE	E	SE	S	SW	W	NW	C		0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
...-25	4				1	2					1 — 10					7	2	13	2		7						2	12	17			Allahabad
...-50			1																													
...-75											9 or 10					3	1	1			15											
>75																																
...-25	13	1	2	1	1	1		1	2		1 — 10				1						30						5	24	2			Bahrein
...-50		2			1				1																							
...-75											9 or 10										3											
>75																																
...-25	1		1								1 — 10					12	17	1			1				1	4	26				Bombay (Juhu)
...-50																																
...-75											9 or 10					8	5				26											
>75																																
...-25	4		1			2		1			1 — 10					5	10	1	1	1	13						31					Calcutta (Dum Dum)
...-50																																
...-75											9 or 10						1				11											
>75																																
...-25	8	1			2	1	2			1	1 — 10					2	9	3			17						3	9	19			Gaya
...-50					1																											
...-75											9 or 10					2	1				13											
>75																																
...-25	7	1							1	1	1 — 10					11	13				7				1	2	13	10				Gwador
...-50			2	1																												
...-75											9 or 10					4	4				9											
>75			1																													
...-25	27	4	6	2	1	1	3	4	1		1 — 10										31						2	24	5			Jacobabad
...-50		1	1	2					1																							
...-75											9 or 10										4											
>75																																
...-25	19	1	4	3	3	3	1			1	1 — 10				1	2		2	1	2	23					1	1	7	22			Jodhpur
...-50			1	1			1																									
...-75											9 or 10				1	2				1	15											
>75																																
...-25	4	1		2							1 — 10					11	11	4			5						1	21	9			Karachi (Drigh Road)
...-50			1																													
...-75											9 or 10					7	8	3			19											
>75																																
...-25	2		1	1							1 — 10							2			6							2	6			Madho Sagar (Gwalior)
...-50																																
...-75											9 or 10										4											
>75																																
...-25	17	2		4		1			1		1 — 10					1	3	1	7	1	18					1	1	19	10			New Delhi
...-50		5							4																							
...-75											9 or 10						1				7											
>75																																
...-25	19	1	3	5	4		1			1	1 — 10					1	7	13			10						16	15				Raj Samand (Kankroli)
...-50		1	2			1																										
...-75											9 or 10										5											
>75																																
...-25	26	1	2	2	2	1	3	1	2	4	1 — 10										31		1				1	5	20	4		Sharjah
...-50			1	2	3	1		1																								
...-75											9 or 10										4											
>75																																

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DEC 30 1938
WEATHER BUREAU

Registered No. B-3097

INDIA WEATHER REVIEW, 1938

Monthly Weather Report

August

Published by authority of the Government of India

Summary.—Only one depression characteristic of the season travelled from the north Bay of Bengal westwards and the month's rainfall over northwest India was much less than usual; the depression caused severe floods in the United Provinces. A large excess of rainfall was recorded in the south Deccan and Mysore.

During the first ten days the monsoon was generally strong along and near the eastern and central Himalayas and in the Deccan and fairly active over the central parts of the country and the Konkan, while there was a temporary extension into the southeast of the Peninsula. A depression then developed over the north Bay of Bengal and, crossing the coast near Barisal, took a westward course by Burdwan and Jhansi, to merge into the seasonal low by the 16th. In association with it the monsoon became vigorous in the United Provinces and the hills of the Punjab, considerably strengthened in the central parts of the country and revived temporarily over northwest India. Heavy rain fell along the track of the depression and caused some severe flooding in the United Provinces. Thenceforward, the monsoon continued fairly active over the country outside northwest India, where it revived for a short period during the last week under the influence of a well marked trough of low pressure, which lay, with a depression at the western end, over the region extending from Gujarat to the west Bay of Bengal, between the 26th and 29th. During the period locally heavy rain occurred over the trough. Towards the end of the month, the monsoon strengthened also in Assam, the east United Provinces and the southeast of the Peninsula, while it had practically withdrawn from northwest India, over the eastern parts of which it usually stays till the middle of September.

Weather was warmer than usual over the region Bombay Deccan to Central India from the 2nd to the 5th, in Rajputana on the 5th and 6th, in the Punjab, the North-West Frontier Province and Kashmir from the 8th to the 10th and again from the 23rd to the 25th and in and around the United Provinces on the last two days of the month. Low temperatures prevailed over Bihar and the United Provinces between the 9th and the 12th, extending also into the Punjab on the last two days. A spell of cool weather, appearing over southeast Madras and the Madras Deccan on the 21st, extended northwards up to Berar and Gujarat by the 27th.

The total rainfall of the month was in large excess in the east United Provinces, south Hyderabad, Mysore and the Madras Deccan, in slight to moderate excess in Bengal, Kashmir, Berar, the Bombay Deccan and southeast Madras, normal in the Bay Islands, Assam, Orissa, Bihar, Sind, west Central India, the Central Provinces, the Konkan, north Hyderabad and the north Madras coast and in slight to moderate defect in the remaining sub-divisions except Baluchistan and west Rajputana, where it was in large defect. Averaged over the plains of India the month's rainfall was in defect by 1 per cent.

The mean maximum temperature was above normal in the Punjab and the North-West Frontier Province and below normal in southeast Madras and the Madras Deccan. The mean minimum temperature was above normal in Baluchistan.

The mean relative humidity was in excess in west Rajputana and the Madras Deccan and in defect in the North-West Frontier Province.

The mean cloud amount was above normal in Orissa, the east Central Provinces and the Madras Deccan and below normal in the southwest Punjab and the North-West Frontier Province.

[Price 8 annas.]

Table I contains the divisional and sub-divisional means of rainfall, temperature, humidity and cloud for the 16 chief political divisions and the 33 sub-divisions; these means are based on the observations at the stations whose monthly mean data are given in the subsequent tables.

POONA No. 5:
The 28th October 1938.

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

	Rainfall.				Departure from normal of				
							8 hrs. L. M. T.		
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Vapour pressure.	Relative humidity.	Cloud.
1	2	3	4	5	6	7	8	9	10
Division	"	"	"		°	°	"	%	
1. Burma ...	22·53	23·22	−0·69	− 3	−0·7	+ 0·2	− ·007	+ 1	+0·9
2. Assam ...	15·49	14·22	+1·27	+ 9	−0·1	+ 0·4	+ ·003	0	+1·1
3. Bengal ...	16·50	14·46	+2·04	+ 14	−0·3	+ 0·5	− ·007	− 1	+0·9
4. Orissa ...	11·54	12·38	−0·84	− 7	+0·5	− 0·1	+ ·008	+ 1	+1·7
5. Bihar ...	13·39	12·85	+0·54	+ 4	−0·1	− 0·1	− ·002	− 1	+1·1
6. United Provinces.	13·77	12·51	+1·26	+ 10	+0·2	+ 0·2	+ ·017	0	+1·2
7. Punjab ...	3·19	5·09	−1·90	− 37	+2·1	+ 1·3	+ ·018	− 3	−0·5
8. North-West Frontier Province.	1·31	2·18	−0·87	− 40	+2·1	+ 1·9	0	− 6	−0·9
Sub-division									
1. Bay Islands ...	15·63	15·57	+0·06	0	−0·1	+ 0·3	− ·029	− 1	+0·8
2. Lower Burma ...	30·25	31·40	−1·15	− 4	−0·5	+ 0·1	− ·008	+ 1	+1·0
3. Upper Burma ...	9·31	9·18	+0·13	+ 1	−1·1	+ 0·4	− ·005	0	+0·8
4. Assam ...	15·49	14·22	+1·27	+ 9	−0·1	+ 0·4	+ ·003	0	+1·1
5. Bengal ...	16·50	14·46	+2·04	+ 14	−0·3	+ 0·5	− ·007	− 1	+0·9
6. Orissa ...	11·54	12·38	−0·84	− 7	+0·5	− 0·1	+ ·008	+ 1	+1·7
7. Chota Nagpur ...	11·37	12·73	−1·36	− 11	+0·1	− 0·4	+ ·002	0	+0·9
8. Bihar ...	14·20	12·90	+1·30	+ 10	−0·3	+ 0·1	− ·006	− 1	+1·2
9. United Provinces, East.	19·10	12·13	+6·97	+ 57	−0·7	+ 0·2	+ ·002	+ 1	+1·3
10. Do. do. West.	9·19	12·84	−3·65	− 28	+1·0	+ 0·1	+ ·033	− 1	+1·0
11. Punjab, East and North.	4·60	7·27	−2·67	− 37	+2·1	+ 1·1	+ ·001	− 5	−0·1
12. Do. Southwest.	1·54	2·55	−1·01	− 40	+2·0	+ 1·5	+ ·043	− 1	−1·2
13. Kashmir ...	4·33	3·52	+0·81	+ 23	−1·5	+ 0·9	+ ·024	+ 2	−0·2
14. North-West Frontier Province.	1·31	2·18	−0·87	− 40	+2·1	+ 1·9	0	− 6	−0·9
15. Baluchistan ...	0·38	0·87	−0·49	− 56	+0·3	+ 2·0	+ ·053	+ 3	0
16. Sind ...	1·37	1·52	−0·15	− 10	0	− 0·1	− ·005	0	+0·2
17. Rajputana, West.	1·68	4·40	−2·72	− 62	+0·6	+ 0·8	+ ·075	+ 6	−0·3

	Rainfall.				Departure from normal of				
							8 hrs. L. M. T.		
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Vapour pressure.	Relative humidity.	Cloud.
1	2	3	4	5	6	7	8	9	10
Division—*contd.*	"	"	"		°	°	"	%	
9. Sind ...	1·37	1·52	−0·15	− 10	0	−0·1	− ·005	0	+0·2
10. Rajputana ...	3·77	6·97	−3·20	− 46	+1·1	+0·7	+ ·011	− 1	0
11. Bombay ...	6·35	7·36	−1·01	− 14	+0·6	+0·4	+ ·014	+ 1	+0·3
12. Central India ...	9·83	10·77	−0·94	− 9	+1·0	+0·3	+ ·005	− 1	+0·2
13. Central Provinces and Berar.	11·93	12·20	−0·27	− 2	+0·6	+0·7	+ ·034	+ 2	+0·8
14. Hyderabad ...	8·14	6·43	+1·71	+ 27	−0·4	+0·8	+ ·020	+ 3	+1·1
15. Mysore ...	8·98	3·81	+5·17	+ 136	−0·1	+0·9	+ ·008	+ 2	+0·3
16. Madras ...	7·18	5·92	+1·26	+ 21	−1·4	+0·3	+ ·013	+ 2	+0·9
Mean of India (excluding Burma).	8·66	8·78	−0·12	− 1	+0·4	+0·5	+ ·012	0	+0·6
Sub-division—*contd.*									
18. Rajputana, East.	4·29	7·61	− 3·32	− 44	+1·2	+0·6	− ·006	− 3	+0·2
19. Gujarat ...	3·04	5·67	− 2·63	− 46	+0·7	+0·5	+ ·007	− 1	+0·7
20. Central India, West	9·21	8·42	+ 0·79	+ 9	+0·3	+0·8	+ ·003	− 1	0
21. Do. do. East.	10·44	13·13	− 2·69	− 20	+1·7	−0·3	+ ·007	− 1	+0·3
22. Berar ...	8·90	6·51	+ 2·39	+ 37	−0·7	+1·3	+ ·048	+ 3	−1·1
23. Central Provinces, West.	11·47	12·80	− 1·33	− 10	+0·8	+0·5	+ ·030	+ 1	+0·9
24. Do. do. East.	14·13	14·14	− 0·01	0	+1·0	+0·6	+ ·033	+ 2	+1·7
25. Konkan ...	18·28	18·31	− 0·03	0	+0·5	−0·1	+ ·016	+ 1	−1·1
26. Bombay Deccan...	5·35	4·39	+ 0·96	+ 22	+0·7	+0·6	+ ·025	+ 2	+0·5
27. Hyderabad, North	7·09	6·90	+ 0·19	+ 3	−0·2	+1·3	+ ·016	+ 3	+1·0
28. Do. South	9·19	5·97	+ 3·22	+ 54	−0·5	+0·5	+ ·022	+ 3	+1·1
29. Mysore ...	8·98	3·81	+ 5·17	+136	−0·1	+0·9	+ ·008	+ 2	+0·3
30. Malabar ...	11·81	13·77	− 1·96	− 14	+0·3	+0·5	+ ·021	+ 1	+0·5
31. Madras, Southeast	4·25	3·68	+ 0·57	+ 15	−2·0	+0·4	− ·008	+ 1	+0·9
32. Do. Deccan...	11·92	3·83	+ 8·09	+211	−3·1	−0·5	+ ·052	+ 8	+1·7
33. Do. Coast, North	5·55	5·79	− 0·24	− 4	−0·9	+0·2	+ ·019	+ 1	+0·7

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Relati humid %	
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Bay Islands																					
*Port Blair ...	59/261	29·700	−·016	29·450	85·1	− 0·1	89	9	77·5	+0·3	74	15	80·5	78·9	77·2	76·1	·878	−·029	·855	86	− 1
Lower Burma																					
Victoria Point ...	157	29·670	+·002	29·599	82·5	− 0·9	86	4 days	75·0	+0·1	72	24	78·0	79·7	76·1	76·5	·869	+·004	·885	92	+ 4
Mergui ...	66	29·734	−·011	29·657	84·5	+ 0·2	89	12, 13	75·9	+2·9	73	21, 22	77·6	78·5	76·0	75·8	·875	−·001	·862	93	− 1
Tavoy ...	19	29·768	−·020	29·696	83·9	+ 1·0	89	13	74·5	+0·3	73	7 days	76·8	78·7	75·7	76·3	·882	+·014	·862	95	+ 2
Amherst ...	71	29·704	+·002	29·630	82·5		85	5 days	74·8		73	12, 15	77·7	79·2	76·0	76·5	·875		·892	92	
Rangoon ...	18	29·720	−·014	29·653	85·3	+ 0·3	89	23	74·9	−0·9	73	2, 30, 31	78·5	79·0	76·9	76·6	·906	−·003	·892	93	0
Tharrawaddy ...	49	29·683		29·609	85·3		90	28	75·3		73	19	78·7	79·0	77·3	77·1	·907		·901	93	
Bassein ...	20	29·716	+·002	29·656	84·8	− 0·1	90	1	75·0	−1·0	73	4, 21, 22	78·5	78·3	77·1	76·8	·906	−·021	·906	94	+ 1
Diamond Island ...	41	29·683	−·014	29·630	84·0	− 0·4	86	14	76·3	+0·1	74	10, 22	80·5	79·8	78·0	77·4	·923	+·012	·892	89	+ 2
Gwa ...	11	29·714		29·645	83·0		87	5, 17, 26	74·9		74	11 days	77·4	79·3	76·2	77·1	·875		·899	94	
Sandoway ...	28	29·693		29·627	84·2		90	26	74·7		73	20, 30	77·6	78·5	76·3	76·6	·875		·899	94	
Toungoo ...	158	29·578	+·001	29·496	85·7	− 1·1	91	17	75·4	+0·6	74	6 days	78·0	78·9	76·1	76·7	·869	−·037	·899	91	− 1
Kyaukpyu ...	18	29·676	+·013	29·606	82·8	− 1·7	87	15	75·7	−0·3	74	4 days	78·0	79·9	77·0	77·7	·912	+·001	·930	96	+ 4
Akyab ...	29	29·672	+·021	29·599	83·2	− 1·4	87	4 days	76·0	−0·9	74	10, 22, 31	78·5	80·5	77·2	77·3	·906	−·043	·923	94	0
Upper Burma																					
Minbu ...	168	29·521	−·001	29·420	91·7	+ 1·6	97	10	77·5	+0·4	75	6	81·5	85·2	76·8	77·3	·865	−·011	·818	80	− 5
Yamethin ...	644	29·062	+·001	28·963	86·8	− 2·2	93	27, 28	74·8	+0·2	72	5, 6	77·6	80·8	74·9	76·6	·833	−·007	·865	87	0
Mandalay ...	252	29·445	+·004	29·322	88·7	− 3·1	93	14, 17	77·0	0	74	5, 6	79·3	85·6	75·7	78·3	·848	−·020	·855	84	+ 1
Monywa ...	267	29·418	−·006	29·302	90·9	− 2·0	95	1, 4	78·3	−0·3	75	12	81·0	87·6	77·4	79·4	·878	−·013	·880	85	+ 2
Lashio ...	2,802	26·932	+·001	26·828	81·1	− 1·4	87	16, 27, 28	70·0	+0·4	68	4 days	72·6	75·9	70·6	72·6	·732	+·001	·772	91	+ 1
Bhamo ...	386	29·274	−·013	29·161	87·3	− 0·8	94	16	76·3	+1·3	72	5	79·1	83·9	77·0	79·1	·899	−·004	·921	91	− 2
Myitkyina ...	476	29·178	−·011	29·058	87·7	+ 0·4	95	26, 28	76·2	+0·8	73	12, 17	78·7	84·1	76·8	79·3	·899	+·018	·921	91	0
Assam																					
Dibrugarh ...	348	29·293	−·003	29·174	88·0	+ 1·1	96	14	76·3	+0·5	74	4 days	79·5	84·0	78·0	80·3	·937	+·027	·977	93	0
Sibsagar ...	317	29·315	−·011	29·194	89·5	+ 0·9	97	14, 27	78·0	+0·4	75	9, 25	80·9	85·9	78·4	80·4	·923	−·023	·947	89	− 4
Tezpur ...	258	29·391	+·005	29·268	88·9	− 0·1	95	13	77·9	+0·2	76	6 days	80·9	85·3	78·9	81·5	·962	+·024	1·004	91	− 1
Gauhati ...	196	29·447	−·002	29·334	90·0	− 0·1	95	29	78·8	+1·0	76	10	82·1	86·0	79·2	80·4	·948	+·004	·947	87	0
Dhubri ...	115	29·521	+·012	29·424	86·2	+ 0·1	91	28, 29, 30	78·5	0	75	1, 2, 17	81·3	83·8	78·9	79·9	·955	+·001	·968	89	− 1
Silchar ...	96	29·570	+·010	29·452	88·9	− 0·7	95	13	76·7	−0·1	75	13	79·3	84·0	77·9	80·3	·937	−·003	·974	94	+ 3
Srimangal ...	69	29·579	+·010	29·474	89·1	− 1·2	94	15	77·0	+1·0	74	26	80·3	83·6	77·9	80·1	·923	−·005	·974	89	0
Bengal																					
Cox's Bazar ...	38	29·629	+·025	29·554	84·1	− 1·0	87	7 days	75·5	−0·5	73	2	79·0	80·5	76·9	77·7	·899	−·025	·916	92	+ 2
Chittagong ...	87	29·578	+·016	29·497	85·5	− 0·4	[illegible]	[illegible]	76·4	+0·1	74	3, 19	79·2	80·6	76·8	77·8	·892	−·022	·916	90	+ 1
Noakhali ...	22	29·616	+·001	29·531	85·2	− 0·4	91	16	78·8	+0·7	76	20	81·6	82·9	79·2	79·4	·955	+·011	·942	90	0
Comilla ...	37	29·599	−·003	29·506	88·5	+ 1·2	95	23	77·8	+1·1	75	1, 2, 3	81·3	83·4	78·5	79·5	·948	+·021	·935	88	− 1
Brahmanbaria ...	32	29·598		29·508	87·4	− 1·4	91	28	78·5	+2·0	75	2	82·0	84·2	78·6	79·7	·942	+·033	·961	85	+ 1
Narayanganj ...	26	29·596	+·002	29·508	88·2	+ 0·5	91	8 days	78·9	0	76	2, 10	82·8	84·6	79·3	79·3	·942	−·027	·914	85	− 4
Mymensingh ...	62	29·575	+·008	29·476	87·7	+ 0·3	93	17	78·1	−0·2	75	1, 2, 20	81·3	85·1	79·3	80·3	·962	+·001	·954	91	+ 1
Faridpur ...	27	29·586	−·010	29·498	86·5	− 0·5	89	9, 28, 29	79·4	+0·7	76	1, 2	82·5	83·9	79·8	80·3	·988	+·009	·974	89	− 1
Barisal ...	11	29·582	−·016	29·500	87·2	+ 0·8	91	9	79·2	+1·0	75	3	82·5	83·2	79·5	79·3	·948	−·017	·935	87	− 2
Khulna ...	16	29·602	+·019	29·511	87·7	+ 0·2	94	29	78·3	+0·3	75	26	82·8	83·6	79·5	79·5	·942	−·009	·935	85	0
Jessore ...	26	29·577	+·004	29·484	88·0		92	9	78·2		75	1, 3	82·0	83·6	80·1	80·5	·995	+·015	1·015	92	+ 3
Satkhira ...	16	29·583	+·013	29·497	88·0	− 0·1	91	8 days	78·5	+0·4	75	1, 13	82·5	84·2	79·9	80·2	·968	−·003	·968	89	0
Calcutta ...	21	29·578	+·015	29·490	88·8	+ 0·1	92	9, 24, 28	79·1	+1·0	77	6 days	82·2	84·6	79·6	80·1	·988	+·019	·961	89	+ 1
Saugor Island ...	10	29·582	+·015	29·502	85·8	− 1·5	89	23	79·3	−0·4	76	7, 8	82·3	83·5	79·4	80·0	·948	−·042	·974	87	− 2
Sandheads ...	28	29·573	+·014	29·496									83·3	83·9	80·7	80·9	1·022	+·034	1·015	89	+ 2
Midnapore ...	149	29·449	+·021	29·357	89·0	− 0·4	96	31	78·5	+0·2	75	4	82·1	83·2	79·3	79·4	·948	+·001	·935	88	+ 1
Burdwan ...	99	29·499	+·014	29·404	89·9	+ 0·7	92	9 days	78·8	−0·2	76	3, 4, 13	82·0	84·9	79·3	80·2	·955	−·003	·961	89	+ 1
Krishnagar ...	48	29·554	+·010	29·463	90·0	+ 0·5	93	4 days	78·5	−0·1	75	2	83·2	85·0	79·8	80·7	·974	−·004	·995	85	− 4
Asansol ...	414	29·166	+·006	29·073	88·7	+ 0·2	92	9, 20	77·7	+0·1	74	20	81·1	84·0	78·3	79·1	·916	−·048	·921	88	− 2
Berhampore ...	62	29·521	−·006	29·425	88·9	+ 0·2	92	17	78·4	−0·4	75	3	82·8	85·8	79·5	80·7	·942	−·037	·988	86	− 4
Bogra ...	68	29·558	+·011	29·458	87·6	− 0·9	92	4 days	79·1	+0·6	76	3, 4	82·5	85·5	79·7	80·5	·983	+·014	·988	88	− 1
Malda ...	108	29·495	+·020	29·407	87·6	− 1·9	92	17	79·6	+0·5	76	2	82·9	85·2	79·8	80·2	·961	−·006	·954	87	− 2
Dinajpur ...	123	29·476	−·003	29·384	88·6	− 0·3	94	17	79·6	+1·0	76	2, 3	81·9	85·6	79·4	80·2	·955	−·015	·947	89	− 1
Jalpaiguri ...	271	29·344	−·008	29·250	87·4	− 1·1	94	17	77·0	−0·2	75	5 days	80·7	84·5	78·2	79·3	·923	−·028	·961	89	− 3
Addenda for July																					
Toungoo ...	158	29·571	+·020	29·499	86·7	− 0·2	91	30	75·2	+0·3	73	13, 21	78·3	79·9	76·0	76·6	·862	−·044	·878	89	− 2

*8 hrs. observations at surface observatory (old site), height 59 feet; 17 hrs. observations at combined observatory (new site), height 261 feet.

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																STATION.
											8 hrs. L. M. T.									17 hrs. I. S. T								
Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																													Bay Islands
9·0	+ 0·8	9·9	15·63	+ 0·94	2·67	15	20	+ 0·7	6·6	− 1·2	0	0	0	0	4	7	16	2	2	0	0	0	0	0	14	16	1	0	*Port Blair
																													Lower Burma
8·0	+ 0·4	8·6	26·96	+ 0·78	3·41	24	22	− 0·5	3·5	− 3·2	0	1	5	6	1	4	3	3	8	0	0	0	2	0	16	7	2	4	Victoria Point
7·9	+ 1·3	8·6	25·65	− 3·56	2·20	15	25	− 0·4	4·2	+ 2·2	0	0	4	14	4	5	1	2	1	1	2	4	5	2	8	2	6	1	Mergui
9·2	+ 1·1	9·3	39·05	− 8·28	5·30	23	30	+ 2·7	2·5	+ 1·2	0	0	0	0	3	2	1	0	25	0	1	0	0	3	4	0	0	23	Tavoy
9·8		9·5	39·38	+ 0·30	6·15	12	30	+ 2·2	8·7		2	0	2	3	7	8	1	0	8	0	0	0	0	8	17	4	1	1	Amherst
9·4	+ 0·3	9·0	24·03	+ 4·16	2·70	31	26	+ 1·9	2·4	− 0·9	0	0	0	2	5	7	2	0	15	0	0	0	2	9	12	3	0	5	Rangoon
8·2		8·3	13·17	− 5·87	1·52	19	24	0	2·9		0	0	3	11	3	8	3	0	3	0	0	0	1	2	17	6	1	4	Tharrawaddy
9·3	+ 1·5	9·6	25·19	+ 2·12	4·74	11	26	+ 1·3	3·8	+ 0·7	0	0	0	3	12	6	2	0	8	0	0	0	0	0	8	6	0	17	Bassein
9·8	+ 1·7	9·9	21·97	− 0·94	2·70	12	28	+ 6·5	7·7		0	0	1	1	3	16	10	0	0	0	0	0	0	1	11	15	1	3	Diamond Island
9·4		9·9	59·74	+16·11	6·00	11	29	+ 1·8	2·7		1	1	3	9	0	0	0	0	17	3	0	0	2	0	3	7	3	18	Gwa
9·3		9·7	51·41		5·56	11	27		1·0		0	4	2	2	3	4	0	0	16	0	0	0	0	1	7	0	0	23	Sandoway
9·9	+ 0·6	9·7	16·02	− 3·10	1·59	6	26	+ 1·7	3·8	+ 0·6	0	0	0	14	15	1	0	1	0	1	0	2	12	10	2	1	1	2	Toungoo
9·4	+ 0·9	9·3	34·65	− 7·57	4·37	21	29	+ 1·7	4·6	+ 2·2	2	0	0	12	11	3	1	1	1	0	0	0	4	8	15	3	1	0	Kyaukpyu
9·7	+ 1·0	9·6	37·14	− 8·05	4·78	21	27	+ 0·2	10·3		1	5	7	7	7	3	0	1	0	0	1	1	7	12	9	1	0	0	Akyab
																													Upper Burma
7·2	+ 0·4	6·8	4·20	− 1·07	1·36	14	8	− 2·5	4·6	− 1·5	0	0	0	23	5	0	0	0	3	0	0	0	6	4	3	5	1	12	Minbu
8·5	+ 1·1	8·2	5·76	− 0·15	2·26	28	10	− 1·0	4·7		0	0	0	5	24	0	0	0	2	1	0	1	3	21	1	0	0	4	Yamethin
9·5	+ 1·9	8·8	4·36	+ 0·30	1·90	5	8	+ 0·1	6·0	− 2·2	0	0	0	6	25	0	0	0	0	1	4	1	11	8	2	1	0	3	Mandalay
8·5	− 0·2	7·0	3·60	− 0·95	0·78	27	9	+ 2·8	3·1	− 0·1	0	1	0	13	13	3	0	1	0	0	0	0	10	7	1	0	2	11	Monywa
9·2	+ 0·8	8·6	13·59	+ 0·89	2·70	4	18	− 1·0	1·9	− 0·7	1	0	1	0	3	5	1	1	19	0	1	0	0	4	10	4	2	10	Lashio
9·3	+ 0·9	8·2	15·36	− 0·02	2·13	22	21	+ 1·6	1·6	+ 0·6	4	4	1	0	3	3	3	5	8	0	0	1	0	7	3	1	1	18	Bhamo
9·5	+ 1·1	8·8	18·31	+ 1·94	2·77	21	20	+ 0·5	2·9	+ 1·2	3	6	2	4	7	4	1	0	4	3	2	0	3	10	8	2	0	3	Myitkyina
																													Assam
9·2	+ 1·4	8·2	21·98	+ 3·79	3·15	10	20	+ 0·9	1·5	+ 0·8	5	1	1	0	8	0	0	5	11	2	2	3	0	3	1	0	0	20	Dibrugarh
9·5	+ 1·0	8·2	12·93	− 3·34	2·44	7	15	− 3·2	3·8	+ 1·9	0	1	2	6	7	5	4	2	4	4	7	1	0	2	8	3	3	3	Sibsagar
7·7	− 0·1	5·3	13·54	− 0·82	2·50	23	16	− 0·3	1·2	− 0·4	1	0	8	3	0	1	5	1	8	0	4	4	2	1	0	3	1	16	Tezpur
8·4	+ 0·9	6·8	12·54	+ 2·18	7·39	10	9	− 4·4	2·0	+ 0·9	1	4	5	4	3	4	4	2	4	0	5	2	0	2	9	7	3	3	Gauhati
7·7	+ 0·1	7·5	17·82	+ 4·28	4·68	19	13	− 1·5	3·9	+ 0·5	1	5	7	6	7	3	1	0	1	1	2	2	3	9	9	2	1	2	Dhubri
9·3	+ 1·4	8·7	23·31	+ 3·56	4·76	29	23	+ 0·9	1·0	− 0·6	1	1	3	4	1	0	0	1	20	2	2	1	1	1	1	3	3	17	Silchar
8·5	+ 3·2	8·7	15·31	+ 2·07	3·65	26	18	− 2·6	3·6		0	2	1	12	13	3	0	0	0	1	1	1	7	11	5	2	2	1	Srimangal
																													Bengal
8·7	+ 1·6	9·2	44·89	+16·34	6·01	12	22	0	5·6	+ 1·3	0	0	4	19	5	1	0	0	2	0	0	0	14	14	3	0	0	0	Cox's Bazar
8·6	+ 0·9	8·9	30·84	+11·54	4·65	19	21	+ 4·6	4·6		0	3	4	18	6	0	0	0	0	0	0	0	4	17	9	0	1	0	Chittagong
8·7	+ 2·6	8·8	21·08	− 5·13	3·15	10	26	+ 2·6	7·8	+ 3·1	0	1	4	14	5	6	1	0	0	0	0	0	4	15	11	1	0	0	Noakhali
8·5	+ 2·1	9·0	16·93	+ 1·20	2·62	2	20	+ 2·1	4·4		0	1	4	12	12	1	0	0	1	0	0	1	8	14	7	0	0	1	Comilla
9·5		9·5	13·41	+ 1·15	3·32	1	16	− 1·2	4·7		0	3	0	14	12	2	0	0	0	1	1	0	9	13	5	0	0	2	Brahmanbaria
9·3	+ 0·7	8·6	14·62	+ 1·88	2·01	7	22	+ 4·4	4·7	+ 0·1	0	0	4	10	9	6	0	1	1	0	0	1	8	14	5	2	1	0	Narayanganj
9·4	+ 1·1	7·3	14·99	− 0·65	4·10	10	17	− 2·1	2·7	+ 0·5	0	1	5	16	2	3	0	0	4	0	1	6	10	3	3	0	0	8	Mymensingh
9·2	+ 2·2	8·3	11·51	− 0·91	2·39	6	15	− 2·4	6·7		0	1	1	14	12	0	0	0	3	0	1	1	16	10	0	0	0	3	Faridpur
8·3	+ 0·6	8·2	16·61	+ 2·99	4·03	12	22	+ 1·9	5·0	+ 2·7	1	0	5	14	8	3	0	0	0	0	1	0	8	16	5	0	1	0	Barisal
9·0	+ 0·5	8·5	15·38	+ 3·92	5·76	13	12	− 9·1	5·2		0	0	3	10	11	5	0	1	1	0	0	2	11	12	4	2	0	0	Khulna
8·7	− 1·4	6·0	10·49	− 0·46	2·65	12	11	− 5·8	5·0	+ 2·4	0	1	4	6	16	1	0	1	2	1	0	3	6	15	4	0	0	2	Jessore
8·0	+ 1·6	8·0	15·10	+ 4·45	5·24	13	17	− 4·4	3·1		0	2	4	5	8	7	1	1	3	0	0	4	2	14	6	2	0	3	Satkhira
8·4	− 0·1	8·5	9·64	− 3·05	3·31	13	17	− 1·3	3·0	− 0·5	0	0	4	6	6	7	0	1	7	0	0	1	7	14	7	1	0	1	Calcutta
8·4	− 0·1	8·2	18·27	+ 4·09	3·86	7	18	+ 1·5	14·0	+ 4·0	0	1	5	3	6	10	3	2	1	0	0	2	5	14	8	2	0	0	Saugor Island
7·0	− 0·3	7·1	12·35	+ 3·41	6·66	12	16	+ 4·3			0	0	1	3	6	14	3	2	2	0	0	0	5	7	14	3	0	2	Sandheads
8·1	+ 2·2	8·3	16·82	+ 4·60	3·31	11	13	+ 1·6	2·2	− 0·1	1	0	6	3	11	1	0	0	9	0	0	0	10	13	0	1	0	7	Midnapore
7·5	− 1·0	7·3	11·86	+ 0·60	4·30	13	15	− 0·7	2·2		0	1	2	13	7	2	2	2	2	0	0	0	17	3	3	1	2	5	Burdwan
8·9	+ 1·5	9·0	11·37	+ 1·20	3·03	1	14	− 0·9	3·7		0	0	3	6	8	8	1	0	5	0	0	0	9	7	3	0	0	12	Krishnagar
9·2	+ 1·4	9·0	13·17	+ 1·36	3·31	10	18	+ 1·6	4·1		1	3	6	5	5	5	3	2	1	2	5	8	5	3	1	3	3	1	Asansol
6·3	− 0·3	6·6	18·61	+ 6·66	3·37	3	22	+ 5·4	3·4	+ 0·5	0	5	2	10	1	6	0	0	7	0	3	1	16	4	2	0	2	3	Berhampore
8·0	+ 0·5	7·0	17·51	+ 4·22	3·77	4	15	− 1·8	2·5	+ 0·8	0	0	3	12	4	5	1	0	1	0	1	2	11	9	7	0	1	0	Bogra
7·5	+ 2·1	7·2	11·39	− 0·13	2·26	10	17	+ 2·2	4·2		1	0	9	6	6	6	1	0	2	0	0	5	7	12	2	1	1	3	Malda
6·9	− 0·7	6·3	14·92	+ 1·57	3·66	3	15	− 0·6	2·6	− 0·1	0	3	10	4	1	2	0	0	11	0	3	5	9	6	2	0	0	6	Dinajpur
8·9	+ 1·2	5·3	32·20	+ 7·16	4·14	9	20	+ 0·1	3·2	+ 1·7	1	7	11	5	1	0	0	1	5	1	6	2	7	8	2	0	1	4	Jalpaiguri
																													Addenda for July
9·4	+ 0·2	9·6	12·17	− 5·47	1·79	9	22	− 2·4	4·2	+ 0·5	0	0	1	14	14	1	0	0	1	0	0	1	13	13	1	0	0	3	Toungoo

c—Mean of 26 days.

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Relative humidity %	
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Orissa																					
Balasore ...	65	29·528	+·015	29·443	88·0	− 0·4	91	4 days	78·7	+0·4	76	1, 7, 13	82·3	88·8	79·2	79·7	·948	−·001	·968	87	0
Chandbali ...	20	29·579	+·011	29·499	88·2	− 0·4	92	10	78·3	−0·6	75	13	82·1	83·9	79·4	79·8	·955		·968	83	+ 3
Puri ...	20	29·585	+·015	29·508	88·1	+ 0·3	91	13, 22, 25	80·5	+0·8	76	7	83·4	85·0	79·9	80·2	·974	+·012	·954	85	− 1
Gopalpur ...	56	29·552	+·011	29·472	89·7	+ 2·1	95	14	79·8	+0·9	75	12	84·6	85·1	79·5	80·1	·921	−·011	·954	79	− 7
Cuttack ...	87	29·529	+·030	29·449	89·0	− 0·2	92	15	76·9	−1·5	74	13	82·1	83·1	79·0	79·0	·948	+·038	·935	87	+ 3
Angul ...	455	29·140	+·012	29·053	88·5	+ 1·2	93	18, 19, 20	76·6	−0·3	74	12, 13, 14	79·9	82·3	77·2	78·1	·889	+·004	·903	88	+ 3
Sambalpur ...	486	29·112	+·006	29·015	87·8	+ 0·9	91	5, 18	77·0	−0·1	74	14	80·1	82·4	77·5	78·8	·892	+·005	·942	89	+ 3
Chota Nagpur																					
Jamshedpur ...	423	29·174			88·6		93	17	78·0		75	4 days	81·3		77·7		·910			85	
Chaibasa ...	742	28·837	+·015	28·750	88·6	+ 0·1	93	17	76·9	−0·1	75	4 days	80·7	83·4	77·4	79·0	·878	−·007	·928	86	0
Ranchi ...	2,152	27·467	+·022	27·388	83·6	+ 0·2			72·3	−0·7	70	11, 15	76·2	78·4	74·1	74·8	·811	+·016	·619	90	+ 1
Hazaribagh ...	2,006	27·613	+·028	27·533	84·7	+ 0·7	90	17	73·0	−0·3	70	11	77·3	79·5	74·4	75·7	·800	+·012	·845	87	0
Daltonganj ...	725	28·854	+·020	28·754	88·5	− 0·6	93	17, 30	76·3	−0·6	74	11, 12, 21	80·7	84·1	77·3	77·9	·878	−·012	·876	85	− 2
Bihar																					
Purnea ...	124	29·474	+·002	29·383	88·6	− 0·4	94	17	79·1	+0·5	75	10	83·1	85·6	80·1	80·6	·981	−·004	·988	88	− 3
Darbhanga ...	161	29·429	+·008	29·328	89·2		95	6 days	79·6		76	20	83·2	86·6	80·1	80·7	·981		·974	88	
Motihari ...	220	29·367	+·001	29·266	89·1	− 0·1	95	31	78·6	+0·5	75	11, 20	82·9	86·3	79·3	80·2	·942	−·018	·940	86	− 2
Patna ...	173	29·409	+·010	29·311	88·0	− 1·1	93	31	79·4	0	75	3, 4	82·8	85·4	80·1	80·3	·988	+·008	·954	89	+ 2
Gaya ...	372	29·197	+·007	29·100	89·7	− 0·4	96	17	78·3	−0·2	74	11	83·2	85·4	79·1	79·9	·935	+·001	·947	83	− 2
Naya Dumka ...	489	29·104	+·014	29·014	88·8	+ 0·3	99	24	77·2	−0·3	75	4 days	81·1	83·3	78·2	79·5	·916	−·018	·935	87	0
Sabour ...	122	29·469		29·372	83·3		93	28, 29	79·3		75	3, 10	82·5	85·0	80·1	80·8	·986		1·001	90	
United Provinces, East																					
Gonda ...	360	29·222		29·121	88·4		96	30	78·5		73	21	82·2	85·8	79·4	80·7	·955		·954	89	
Gorakhpur ...	257	29·325	+·011	29·227	89·3	− 0·3	96	18, 29	78·6	+0·2	75	2, 3, 11	82·5	85·5	79·5	80·4	·948	−·011	·954	86	− 2
Benares ...	250	29·314	+·005	29·218	89·6	− 0·1	95	17	78·5	−0·1	75	5 days	82·9	87·1	79·3	80·5	·942	−·016	·968	85	− 2
Allahabad ...	309	29·248	0	29·151	89·5	− 0·5	97	31	78·5	−0·1	74	11	82·1	86·0	79·4	80·2	·955	+·020	·940	88	+ 3
Fatehpur ...	375	29·170		29·072	89·8		97	30, 31	78·6		73	5	82·6	86·1	80·1	81·9	·988		1·036	90	
Cawnpore ...	416	29·133	−·009	29·044	90·2	− 0·5	98	31	79·6	+0·8	75	12	82·4	87·6	79·2	80·9	·948	+·010	·968	87	+ 2
Lucknow ...	371	29·177	−·009	29·081	89·5	− 1·1	97	6	78·7	+0·2	74	20	82·1	85·9	79·4	81·1	·955	+·003	·988	88	+ 2
Bahraich ...	407	29·156	+·003	29·060	88·6	− 1·5	96	30	78·5	+0·1	74	2, 20	81·9	86·4	79·0	80·9	·948	+·004	·981	87	+ 1
United Provinces, West																					
Jhansi ...	824	28·740	−·012	28 661	89 8	+ 0·4	99	31	76·7	−0·7	73	23, 27	81·1	87·1	77·7	79·7	·910	+·045	·920	85	+ 3
Agra ...	554	28·903	−·002	28·909	92·3	+ 1·1	99	31	78·8	+0·3	75	13, 21	83·0	89·5	78·8	80·6	·935	+·009	·974	82	− 6
Mainpuri ...	516	29·037	+·002	28·941	91·7	− 0·1	99	30, 31	79·4	+0·6	75	12	83·5	88·3	80·3	82·4	·981	+·053	1·009	86	+ 3
Aligarh ...	615	28·930		28·836	92·9		98	23, 31	79·3		74	24	83·1	90·2	78·8	80·5	·928		·927	82	
Bareilly ...	568	28·980	−·011	28·830	91·5	+ 1·3	96	18, 30, 31	78·2	+0·1	74	18	82·7	88·2	79·5	81·3	·948	+·012	·961	87	0
Roorkee ...	899	28·656	−·014	28·560	90·9	+ 0·7	97	30, 31	77·4	+0·3	73	11	82·8	88·8	78·9	80·6	·935	+·055	·954	84	0
Dehra Dun ...	2,239	27·370	−·007	27·293	86·3	+ 2·5	91	31	73·2	+0·2	70	4, 11	77·8	82·6	74·7	77·1	·829	+·025	·856	87	− 4
Punjab, East and North																					
New Delhi ...	714	28·832	−·013	28·729	96·3		101	31	80·1		77	13	85·5	92·4	78·1	78 9	·855		·806	71	
Hansi ...	711	28·822			100·0		104	6, 7, 9	81·7		79	4 days	87·7		78·0		·828			63	
Hissar ...	725	28·822	+·002	28·721	101·7	+ 5·2	106	7, 9, 31	81·7	+2·7	76	19, 22, 27	88·5	95·7	78·6	79·9	·853	+·019	·805	63	− 9
Ambala ...	892	28·657	−·005	28·567	94·5	+ 1·4	101	31	78·8	+0·9	74	11, 12	84·1	92·5	78·7	80·5	·919	+·009	·904	78	− 6
Ludhiana ...	812	28·732	−·008	28·653	97·9	+ 3·2	105	10	80·3	+1·6	75	3, 12, 19	86·3	93·8	78·6	79·3	·887	+·012	·806	70	− 8
Lahore ...	702	28·817	−·015	28·736	100·4	+ 3·1	107	10	80·8	+2·4	74	27	86·8	96·2	78·4	80·2	·842	−·029	·805	68	− 4
Sialkot ...	830	28·698	−·017	28·611	93·5	− 1·0	100	1, 10	78·0	−0·3	71	5 days	88·0	91·8	78·6	80·9	·928	+·011	·916	82	− 1
Rawalpindi ...	1,674	27·886	−·012	27·805	94·5	+ 0·6	103	10, 11	75·6	+0·2	67	19, 21	82·7	91·6	76·0	79·0	·814	−·017	·831	74	− 3
Punjab, Southwest																					
Khushab ...	612	28·895	−·026	28·798	101·7	+ 1·5	109	10	82·6	+ 1·2	74	3	87·5	99·6	80·1	82·3	·920	+·055	·853	72	+ 3
Lyallpur ...	605	28·896	−·013	28·813	101·5	+ 3·6	108	9	82·6	+ 2·5	77	20	88·3	98·4	78·1	79·3	·822	−·034	·731	62	− 9
Montgomery ...	558	28·950	−·014	28·869	101·3	+ 0·2	107	9	83·4	+ 1·6	77	27	87·9	93·5	81·8	85·3	1·009	+·155	1·024	76	+ 7
Multan ...	418	29·070	−·026	29·001	101·4	+ 2·7	108	16, 26	83·4	+ 0·6	76	27, 29	87·3	99·7	80·3	88·0	·937	−·002	·902	78	− 5
Fort Abbas ...	475	29·042		28·940	104·5		110	25	83·7		79	10, 27	88·8	101·3	78·3	79·5	·815		·691	61	
Bahawalpur ...	384	29·116		29·017	102·4		107	7	82·1		73	29	83·0	100·5	77·9	81·1	·822		·791	62	
Khanpur ...	297	29·205		29·101	103·8		108	17, 27	81·5		77	29	86·0	102·5	76·7	79·6	·797		·710	64	

Cloud amount (tenths of sky).		Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																	STATION.
										8 hrs. L. M. T.									17 hrs. I. S. T.									
Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																												Orissa
+ 3·3	9·5	8·69	− 2·67	1·96	16	17	+ 2·4	5·5	+ 2·5	3	0	3	4	8	11	0	0	2	0	0	0	8	11	9	0	2	1	Balasore
	8·2	16·16	+ 4·55	3·70	23	20	+ 6·2	6·2		0	0	2	2	13	6	6	1	1	0	0	1	7	13	6	2	2	0	Chandbali
+ 1·3	7·6	5·07	− 7·24	1·96	29	8	− 5·0	12·8	+ 3·8	5	2	0	0	6	11	4	2	1	0	0	0	1	13	13	4	0	0	Puri
+ 2·0	7·5	2·78	− 4·97	1·02	30	5	− 6·1	9·5	+ 1·8	3	2	1	0	16	4	1	4	0	1	0	1	3	23	2	1	0	0	Gopalpur
+ 1·1	8·8	11·32	− 2·31	2·07	29	17	+ 1·0	3·2	+ 1·2	1	2	2	0	1	6	6	1	12	0	0	2	0	3	8	6	1	11	Cuttack
+ 2·0	9·1	16·30	+ 5·50	3·22	27	18	+ 3·5	4·2	− 0·9	5	2	2	4	3	0	7	4	4	1	1	4	9	6	3	5	2	0	Angul
+ 0·8	9·6	20·47	+ 1·28	3·38	14	25	+ 5·8	3·4	− 0·1	2	1	1	2	2	15	5	0	3	0	3	3	1	4	9	6	2	3	Sambalpur
																												Chota Nagpur
		17·79		3·74	14	19		4·5		0	1	9	1	0	5	11	2	2										Jamshedpur
+ 2·1	9·5	9·91	− 1·56	2·61	14	18	+ 1·6	2·5	+ 0·7	0	5	1	0	4	1	8	3	9	3	0	0	6	2	3	3	0	14	Chaibasa
+ 0·6	9·0	14·72	+ 1·55	2·25	10	18	− 0·6	4·4	− 0·7	3	1	3	3	6	5	3	2	5	4	0	6	4	5	3	1	5	3	Ranchi
− 0·9	8·4	8·53	− 4·61	1·53	11	14	− 3·8	5·0	− 0·6	1	1	3	5	3	8	4	3	3	5	0	4	8	5	1	0	3	5	Hazaribagh
+ 1·9	8·5	12·32	− 0·84	1·72	13	19	+ 2·5	3·3	+ 0·3	0	0	10	1	3	4	3	1	9	0	1	12	4	2	1	5	2	4	Daltonganj
																												Bihar
+ 1·2	7·5	7·83	− 6·27	1·27	3	12	− 4·1	2·3	+ 0·1	0	2	12	4	1	0	0	0	12	0	1	7	7	2	2	0	1	11	Purnea
+ 1·4	7·6	19·98		3·51	20	17		2·7	− 0·5	0	1	12	1	1	0	0	0	16	0	2	4	4	0	0	1	0	20	Darbhanga
+ 2·3	8·0	24·52	+11·06	4·14	31	18	+ 4·4	3·0		1	1	9	14	1	0	1	0	4	0	0	5	13	4	2	3	1	3	Motihari
+ 0·5	8·1	17·22	+ 3·67	3·58	4	17	+ 3·2	3·5	− 0·3	1	2	12	5	2	1	4	0	4	0	6	10	5	2	0	1	1	6	Patna
+ 0·6	7·0	15·77	+ 2·55	2·33	10	19	+ 4·0	4·1	+ 1·5	0	0	5	7	2	7	7	3	0	3	7	8	4	1	2	3	3	0	Gaya
+ 1·2	8·3	10·97	− 2·04	2·31	3	19	+ 1·0	1·7	− 0·2	0	6	0	9	0	4	0	2	10	0	2	0	16	1	4	0	0	8	Naya Dumka
	9·2	9·03	− 2·51	1·97	10	15	+ 1·1	5·2		0	1	7	11	5	4	2	0	1	0	3	9	7	2	0	3	1	6	Sahour
																												United Provinces, East
	7·9	26·96		12·07	10	14		3·6		1	1	16	6	3	0	1	2	1	0	1	11	5	3	2	2	1	6	Gonda
+ 2·4	7·5	14·04	+ 0·05	1·88	2	18	+ 3·1	1·5		0	3	11	3	0	0	1	0	13	0	1	7	2	1	0	2	0	18	Gorakhpur
+ 0·8	8·3	10·07	− 1·47	2·26	4	16	+ 1·3	5·1	+ 2·3	0	3	8	3	1	9	6	1	0	0	6	6	2	1	2	8	5	1	Benares
− 0·6	7·7	11·04	− 0·66	2·77	11	14	0	3·5	− 0·6	0	2	4	3	1	5	7	0	9	1	0	4	4	1	4	5	1	11	Allahabad
	7·5	9·82		3·45	11	11		3·5		0	2	3	6	0	4	5	4	7	0	2	5	3	0	2	4	3	12	Fatehpur
+ 0·7	6·0	21·09	+ 9·71	8·19	12	11	− 1·9	3·7	+ 1·1	2	3	5	5	1	4	5	0	6	2	2	7	3	2	3	5	3	4	Cawnpore
+ 1·1	7·8	20·15	+ 9·26	4·48	11	13	− 0·1	0·6	− 1·4	0	3	5	0	2	1	1	0	19	0	0	2	0	1	0	0	0	28	Lucknow
+ 3·5	9·0	38·23	+24·98	12·83	10	17	+ 4·1	2·5	+ 0·5	0	0	7	15	0	0	0	2	7	1	0	5	7	0	4	1	0	13	Bahraich
																												United Provinces, West
+ 2·9	7·1	5·97	− 5·28	1·51	14	9	− 4·5	4·5	+ 1·0	2	3	2	1	0	10	10	1	2	2	3	2	0	0	8	8	2	6	Jhansi
+ 1·3	7·2	4·53	− 3·62	1·04	27	8	− 2·2	3·1	− 0·6	2	2	5	4	0	3	9	1	5	2	1	3	5	0	5	6	2	7	Agra
+ 1·1	7·0	6·70	− 1·99	3·52	12	9	− 1·7	2·4	+ 0·7	0	3	7	5	1	5	6	2	2	0	2	4	5	1	5	6	1	7	Mainpuri
	4·7	3·62		1·36	24	7		3·5		1	3	7	6	1	4	3	2	4	2	1	8	2	3	3	3	2	7	Aligarh
+ 0·2	6·7	8·27	− 4·00	1·99	20	14	+ 1·8	3·2	+ 1·6	2	1	15	2	1	1	2	0	7	2	0	6	3	2	4	3	4	7	Bareilly
+ 0·6	5·7	7·03	− 5·00	3·60	11	10	− 1·7	2·9	+ 1·1	0	0	0	16	1	0	0	2	12	0	2	1	12	1	1	0	9	5	Roorkee
− 0·1	7·3	27·27	− 1·51	4·31	11	19	− 2·3	1·9	+ 1·2	0	3	0	9	0	6	3	3	7	1	2	1	5	0	12	7	3	0	Dehra Dun
																												Punjab, East and North
+ 0·5	6·8	1·28	− 6·14	0·43	8	5	− 4·2	8·4	+ 5·3	1	0	4	10	0	4	8	2	2	3	2	7	6	3	6	3	0	1	New Delhi
		1·13		0·85	19	2				0	0	3	2	5	2	10	2	7										Hansi
− 1·5	3·9	0·89	− 4·54	0·48	14	2	− 3·5	6·1	+ 1·3	0	1	2	4	5	8	9	2	0	4	2	4	3	6	4	3	2	3	Hissar
+ 0·7	6·7	4·26	− 3·44	1·27	27	7	− 2·1	3·6	+ 1·3	1	0	10	10	1	3	1	1	4	5	0	6	8	1	0	1	4	6	Ambala
+ 0·1	3·7	2·97	− 3·97	1·12	3	5	− 2·6	3·3	+ 2·0	2	1	1	11	6	4	2	2	2	3	12	2	5	6	2	0	1	0	Ludhiana
+ 0·1	4·6	0·90	− 4·43	0·34	22, 27	2	− 3·8	2·8	+ 0·8	1	0	5	14	1	0	1	2	7	5	7	1	6	1	4	3	3	1	Lahore
+ 0·1	2·1	11·77	+ 2·86	2·58	21	11	+ 1·9	3·0	+ 1·3	0	5	1	11	0	1	0	1	12	0	4	3	6	2	2	0	4	10	Sialkot
− 0·4	3·1	10·14	+ 1·00	3·21	12	10	+ 0·7	2·6	+ 1·2	1	12	0	8	1	0	0	1	8	0	3	0	13	0	6	1	1	7	Rawalpindi
																												Punjab, Southwest
− 0·1	2·9	0·71	− 2·51	0·48	17	2	− 1·4	8·1	+ 3·0	0	13	13	2	1	0	1	0	1	1	8	10	8	4	0	0	0	0	Khushab
− 1·8	3·7	1·15	− 3·09	0·85	16	2	− 3·3	3·2	+ 0·6	1	2	3	6	4	9	0	1	5	0	3	4	2	7	8	0	1	6	Lyallpur
− 2·0	2·6	0·82	− 2·46	0·56	28	2	− 1·8	2·4	− 3·7	0	0	0	1	5	5	6	0	14	0	2	3	2	5	4	1	1	13	Montgomery
− 1·0	1·5	1·85	− 0·13	1·75	27	2	− 0·6	4·8	+ 3·0	3	2	0	3	11	13	0	0	0	2	1	2	0	13	12	0	1	0	Multan
	3·7	0		0		0		10·8		1	1	2	1	3	23	0	0	0	0	1	5	1	6	15	2	1	0	Fort Abbas
	2·2	3·58	+ 2·61	1·90	28	3	+ 0·8	5·1		1	0	3	0	6	17	2	0	2	1	2	3	1	3	12	6	2	1	Bahawalpur
	2·8	1·12	− 0·52	0·52	27	4	+ 2·0	7·9		1	2	1	0	9	17	1	0	0	2	2	1	1	4	15	1	4	1	Khanpur

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

STATION.	Height of bar. cistern above mean level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature. °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Relative humidity %	
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Kashmir																					
Srinagar ...	5,205	24·657	- ·019	24·575	86·4	- 0·2	95	10, 11	63·5	+ 0·3	57	22	71·6	83·6	65·8	68·8	·580	- ·023	·549	74	- 11
Gulmarg ...	8,569	21·786	+ ·026		70·5	+ 1·8	78	10, 11	50·4	- 0·3	46	4 days	63·0		57·7		·433	+ ·008		74	- 4
Muzaffarabad ...	2,343	27·197	- ·013		91·4	+ 0·3	97	1, 11	73·0	+ 1·0	69	3, 21, 26	76·4		73·2		·772	+ ·028		85	+ 6
Dras ...	10,059	20·756	+ ·057		75·0	- 1·9	86	10	50·7	+ 1·9	44	22	61·0		54·1		·355	+ ·025		67	+ 5
Leh ...	11,503	19·660	+ ·021		66·5	- 10·0	82	7	50·4	+ 0·7	43	21	59·4		49·7		·277	- ·005		54	- 4
Skardu ...	7,505				88·1	+ 0·7	100	9, 10, 11	62·5	+ 0·8	53	22, 23	69·9		62·4		·476	+ ·112		68	+ 17
Gilgit ...	4,890				94·0	- 1·2	103	10	73·5	+ 2·2	65	30	78·6		67·3		·521	+ ·022		54	+ 3
N.-W. F. Province																					
Peshawar ...	1,164	28·871	- ·018	28·265	98·9	+ 0·7	107	10, 11	80·3	+ 1·8	74	29	85·0	96·3	76·6	78·1	·819	+ ·015	·730	67	- 1
Miranshah ...	3,026				96·0		104	10, 11	78·6		69	17	83·1		71·6		·649			57	
Dera Ismail Khan ...	570	28·921	- ·016	28·826	102·6	+ 1·9	109	6	81·8	+ 0·5	75	17	89·4	101·2	81·0	83·0	·940	+ ·013	·882	67	- 8
Baluchistan																					
Fort Sandeman ...	4,614	25·192	- ·001	25·101	98·3	+ 1·3	105	10, 11	74·8	+ 1·7	67	29	80·0	95·3	69·4	70·5	·585	- ·013	·465	59	+ 2
Sibi ...	441	29·044			106·8		112	17	85·8		76	28, 30	90·8		77·2		·743			52	
Quetta ...	5,540	24·400	- ·005	24·327	98·2		99	12	60·7		47	23	77·0	89·8	64·1	65·3	·458		·368	49	
Chaman ...	4,311	25·432	- ·009	25·330	99·5	+ 1·2	105	9, 16, 17	75·3	+ 2·4	69	5 days	84·8	98·1	65·8	70·4	·417	+ ·054	·411	35	+ 6
Kalat ...	6,016	23·516	+ ·029		90·5	- 0·3	97	16	59·4	+ 7·2	51	24	76·0		63·0		·438	+ ·058		50	- 5
Dalbandin ...	2,780	26·807	- ·018	26·725	106·2	- 0·1	111	4 days	72·1	+ 0·4	62	25	88·1	105·1	71·8	82·0	·576	+ ·255	·799	43	+ 18
Nokkundi ...	2,229	27·271		27·187	107·2		115	16	81·1		73	4	91·0	106·1	67·8	75·2	·396		·476	27	
Las Bela ...	292	29·269		29·156	98·0		102	16	77·4		72	24	83·2	95·2	78·7	82·7	·928		·956	82	
Ormara ...	15	29·570		29·494	86·6		94	31	78·3		75	26	80·0	84·3	76·4	77·0	·848		·824	84	
Pasni ...	10	29·572	- ·008	29·493	87·8	- 0·9	95	31	77·1	+ 0·9	71	25, 26, 27	81·3	84·9	76·1	76·9	·828	- ·052	·818	78	- 4
Panjgur ...	3,177	26·476	- ·002	26·383	101·0	+ 0·7	106	12	72·5	- 0·5	66	24	81·7	99·5	71·5	79·9	·640	+ ·018	·792	63	+ 4
Gwador ...	39	29·550		29·471	86·5		94	31	77·1		73	26, 28	80·5	84·2	77·7	79·9	·916		·961	88	
Sind																					
Jacobabad ...	186	29·284	- ·034	29·189	104·8	+ 0·2	109	17, 25	82·5	+ 0·4	80	24	86·3	102·6	79·6	82·3	·934	+ ·023	·812	73	+ 2
Sukkur ...	221	29·268			102·9		107	24, 26	81·0		79	6, 7, 24	83·6		77·2		·838			74	
Naushahro ...	140	29·328		29·227	107·5		115	11	80·6		74	6	87·1	104·5	77·5	79·7	·797		·682	63	
Chhor ...	19	29·532		29·450	94·6		99	30	78·2		75	27	82·5	91·9	78·4	82·2	·903		·962	88	
Hyderabad ...	96	29·438	- ·002	29·360	96·9	+ 1·2	104	15	79·3	+ 0·2	76	25	83·6	93·8	76·3	79·0	·794	0	·786	70	- 1
Karachi (Drigh Road)	77	29·497		29·430	97·9		94	30	78·2		75	25	81·2	84·9	76·8	77·6	·865		·855	81	
Karachi (Manora)...	13	29·557	- ·018	29·502	84·2	- 1·5	89	3, 30	77·5	- 0·8	73	25	80·0	83·0	76·4	77·7	·848	- ·037	·882	84	- 1
Badin ...	37	29·529		29·460	91·4		96	5	78·5		75	28	82·4	88·9	77·1	78·8	·851		·853	78	
Rajputana, West																					
Sri Ganganagar ...	580	28·929		28·842	101·7		106	9, 24	81·4		77	27	88·0	98·4	77·2	78·1	·777		·679	60	
Bikaner ...	734	28·809	+ ·001	28·702	99·5		104	7, 24	81·4		76	27	86·0	97·9	77·6	79·2	·842		·758	67	
Jodhpur ...	780	28·806	0	28·706	98·7	+ 0·6	98	15, 16, 31	78·5	+ 0·8	75	21, 22	81·3	92·2	76·5	80·1	·858	+ ·075	·859	81	+ 6
Barmer ...	638	28·932		28·841	92·6		97	4 days	77·5		75	23	81·1	92·3	75·8	78·3	·821		·767	76	
Rajputana, East																					
Jaipur ...	1,491	28·157	- ·013	28·065	92·6	+ 1·2	98	31	77·0	+ 1·1	74	2, 20, 23	81·8	89·6	75·2	77·2	·784	- ·033	·768	73	- 6
Ajmer ...	1,593	27·998	- ·025	27·909	90·4	+ 2·4	96	31	77·0	+ 1·0	74	1, 2, 16	79·7	88·8	73·9	75·6	·762	- ·032	·738	76	- 6
Kotah ...	843	28·733	- ·013	28·649	90·8	0	96	6	78·2	- 0·3	74	28	82·2	87·6	76·6	78·4	·851	+ ·047	·843	77	+ 3
Brijnagar ...	1,053	28·539		28·442	87·6		93	6	75·3		73	21, 24	79·1	85·6	76·0	78·7	·858		·900	86	
Gujarat																					
Deesa ...	466	29·146	- ·014	29·060	89·1	- 0·3	94	5	76·0	+ 0·1	74	5 days	79·6	88·2	75·9	77·9	·846	+ ·006	·815	84	0
Bhuj ...	343	29·264	- ·008	29·195	88·6	+ 0·1	92	5, 6, 7	77·3	+ 1·0	74	27	80·6	86·3	75·6	76·5	·828	- ·021	·790	79	- 4
Dwarka ...	37	29·595	- ·014	29·510	84·0	- 0·6	87	6, 9, 20	78·3	0	74	29	79·8	82·0	76·8	77·7	·885	- ·001	·896	87	+ 2
Jamnagar ...	60	29·571	- ·005		88·8	+ 0·8	91	4 days	77·1	+ 0·4	75	6 days	82·0		78·2		·903	+ ·030		84	+ 3
Rajkot ...	432	29·205	- ·008	29·124	89·7	+ 0·9	94	6	75·5	+ 1·0	73	18	79·8	86·6	75·7	76·5	·842	+ ·011	·790	82	- 1
Veraval ...	19	29·649	- ·009	29·590	83·7	+ 1·4	87	7	77·6	- 0·4	73	28	79·7	82·2	78·0	79·4	·937	+ ·048	·948	92	+ 3
Surat ...	39	29·624	- ·021	29·555	87·7	+ 1·1	93	5, 6	78·6	+ 1·8	76	27	81·6	85·2	77·6	78·5	·903	+ ·014	·698	83	- 2
Bhavnagar ...	55	29·606	- ·009	29·509	91·9	+ 0·6	97	24	76·7	- 0·1	75	5 days	81·4	88·3	75·6	77·6	·815	- ·043	·777	76	- 5
Ahmadabad ...	163	29·480	- ·008	29·376	92·0	+ 2·0	95	6, 20	77·8	+ 1·0	76	20, 29	81·1	89·3	76·9	78·8	·872	+ ·018	·847	82	- 1
Dohad ...	1,093	28·542			85·0		90	5	74·1		72	1, 29	76·7		74·7		·839			91	
Baroda ...	115	29·534		29·433	89·9		93	4 days	77·3		75	23, 25	80·8	87·9	76·7	78·6	·872		·862	82	

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																	STATION.
											8 hrs. L. M. T.									17 hrs. I. S. T.									
8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																													Kashmir
·8	+ 0·3	5·0	2·60	+ 0·27	1·92	16	3	- 2·3	2·9	+ 0·5	0	1	4	8	5	0	3	5	5	2	4	1	8	0	1	5	4	6	Srinagar
·0	+ 0·1		3·55	- 1·18	1·00	13, 17	7	- 2·6	3·6	+ 0·8	5	4	3	3	2	2	2	0	10										Gulmarg
·3	- 2·5		21·57	+11·68	4·80	12	14	+ 1·8	1·6	+ 0·3	7	0	0	0	1	2	0	0	21										Muzaffarabad
·8	0		0·45	- 0·09	0·13	30	1	- 0·5	8·8	+ 3·1	0	0	0	0	0	1	0	0	30										Dras
·5	+ 1·0		0·17	- 0·37	0·05	12, 29	0	- 1·8	3·3	+ 1·8	2	1	0	1	11	2	4	0	10										Leh
·4	- 0·4		0·26	- 0·11	0·15	30	1	- 0·2	2·8	- 2·0	0	0	0	0	0	1	0	0	30										Skardu
·0	+ 0·4		0·35	- 0·14	0·19	30	1	- 0·8																					Gilgit
																													N.-W. F. Province
·1	- 0·9	3·7	2·15	- 0·09	2·08	29	1	- 1·6	3·1	+ 1·0	10	7	3	1	0	0	0	2	8	2	19	5	1	0	1	0	1	2	Peshawar
·0			0·34		0·28	17	1		6·2		1	2	1	2	1	1	0	1	22										Miranshah
·3	- 0·9	1·5	0·54	- 1·40	0·54	17	1	- 1·2	2·3	+ 0·8	4	11	7	3	1	1	0	0	4	1	2	2	6	6	1	0	0	13	Dera Ismail Khan
																													Baluchistan
·2	- 0·6	4·2	1·34	- 0·67	0·92	29	2	- 2·0	3·4	+ 1·1	1	3	1	0	0	1	2	0	23	3	0	12	0	0	3	4	0	9	Fort Sandeman
·5			0·52		0·42	17	1		5·8		0	0	1	4	11	9	2	1	3										Sibi
·1	+ 0·8	2·2	0·09		0·09	18	0		5·5		3	1	0	4	11	3	1	2	6	4	1	0	1	5	6	4	9	1	Quetta
·0	- 0·7	0	0	- 0·04	0		0	- 0·1	6·7	+ 1·4	0	0	4	3	7	11	4	0	2	0	1	1	0	4	16	5	4	0	Chaman
·8	0		0·42	+ 0·12	0·42	18	1	+ 0·2	3·9	- 0·6	0	0	1	4	3	0	0	0	23										Kalat
·3	+ 0·2	2·2	0	- 0·19	0		0	- 0·3	2·3	- 2·6	0	1	1	1	1	3	3	1	20	1	0	0	3	5	5	4	1	12	Dalbandin
·4		0·6	0		0		0		13·3		9	1	3	5	2	1	0	9	1	14	1	1	2	1	1	0	11	0	Nokkundi
·0		2·8	0·91		0·38	28	3		3·2		1	1	3	5	4	3	0	0	14	0	0	2	4	18	6	0	0	1	Las Bela
·6		1·4	0·05		0·05	17	0		12·2		0	1	1	0	0	13	15	1	0	0	0	0	1	5	13	12	0	0	Ormara
·3	+ 0·6	2·5	0·02	- 0·23	0·02	20	0	- 0·5	8·5	+ 2·3	0	0	1	2	2	10	11	4	1	0	0	0	2	5	14	10	0	0	Pasni
·5	- 0·3	1·6	0	- 0·45	0		0	- 0·8	5·3	+ 1·0	4	2	3	3	1	5	7	2	4	8	2	1	0	1	4	6	9	0	Panjgur
·0		5·2	0		0		0		4·3		0	2	3	5	4	6	3	0	8	0	0	0	6	15	9	1	0	0	Gwadar
																													Sind
·3	- 0·7	2·5	0·30	- 0·68	0·23	30	1	- 0·6	5·2	+ 2·1	2	1	4	12	10	2	0	0	0	0	0	5	15	4	6	0	1	0	Jacobabad
·7			0·22		0·22	29	1		4·3		2	2	2	20	1	2	0	1	1										Sukkur
·4		1·6	1·12	- 0·18	0·64	20	3	+ 1·5	2·6		0	4	2	3	4	17	1	0	0	2	3	0	0	0	25	0	1	0	Naushahro
·3		5·4	3·06		2·10	27	2		10·9		0	1	0	1	16	12	0	1	0	1	0	1	1	18	9	1	0	0	Chhor
·3	+ 0·9	4·0	1·45	- 0·67	0·82	28	2	- 0·5	11·5	+ 0·9	1	0	0	1	6	14	8	0	1	0	2	0	0	10	16	2	1	0	Hyderabad
·5		7·6	2·75		1·80	29	2		17·8		0	1	0	1	0	7	19	2	1	0	0	1	0	0	19	10	1	0	Karachi (Drigh Road)
·8	+ 0·3	6·8	2·61	+ 0·94	1·24	29	3	+ 1·0	12·2	+ 0·4	1	0	0	0	1	9	17	3	0	1	0	0	0	1	16	13	0	0	Karachi (Manora)
·6		3·7	3·45		2·02	28	5		15·5		0	0	1	0	1	0	29	0	0	0	0	0	0	1	3	26	0	1	Badin
																													Rajputana, West
·6		3·5[a]	1·05		0·71	26	3		7·4		0	0	2	2	3	17	6	1	0	2	1	4	4	4	8	6	2	0	Sri Ganganagar
·8	- 1·1	4·5	2·60		1·73	27	3		7·6	+ 1·6	0	0	2	2	1	16	9	1	0	0	1	3	3	1	14	7	2	0	Bikaner
·6	+ 0·4	7·4	1·68	- 2·72	0·69	16	5	- 0·3	7·3	+ 2·6	1	0	2	0	2	16	9	0	1	0	1	0	1	8	17	2	0	2	Jodhpur
·0		4·9	0·53		0·34	28	2		7·4		1	1	0	2	5	15	5	0	2	0	1	0	4	13	13	0	0	0	Barmer
																													Rajputana, East
·4	- 1·8	7·4	1·73	- 6·20	0·49	25	6	- 4·4	4·2	- 0·5	1	2	3	2	0	1	12	9	1	0	2	3	3	1	9	6	4	3	Jaipur
·7	+ 0·5	7·1	0·96	- 5·79	0·26	29	5	- 3·7	3·7	- 1·7	0	0	0	2	0	6	17	0	6	0	0	1	0	0	6	14	1	9	Ajmer
·9	+ 1·9	8·4	6·52	- 2·33	3·07	28	8	- 2·4	3·1	- 0·5	0	1	0	3	0	7	14	6	0	1	0	3	0	0	5	12	4	6	Kotah
·2		8·2	8·04		2·24	16	11		3·8		0	1	1	1	1	5	18	2	2	1	0	1	0	0	9	15	3	2	Brijnagar
																													Gujarat
·1	- 0·2	6·5	6·28	- 2·34	3·36	28	5	- 4·4	8·7	+ 0·1	0	1	0	2	6	13	8	1	0	1	0	0	1	5	19	4	1	0	Deesa
·4	- 0·2	7·1	1·47	- 1·77	0·81	28	4	0	9·5	- 1·5	0	0	0	0	0	12	15	1	3	0	0	0	0	3	14	13	1	0	Bhuj
·2	+ 1·4	7·8	1·47	- 1·73	0·77	29	3	- 1·9	10·5	- 2·2	0	0	0	0	1	17	12	1	0	0	0	0	0	3	15	12	1	0	Dwarka
·5	+ 2·0		2·91	- 2·74	2·25	28	4	- 2·6	8·0	- 5·7	0	0	0	0	1	16	14	0	0										Jamnagar
·9	+ 1·0	8·7	1·95	- 3·76	0·70	27	4	- 3·8	12·9	+ 3·2	0	0	0	0	1	16	11	3	0	0	0	0	0	0	13	11	7	0	Rajkot
·5	+ 0·4	7·6	3·97	+ 0·18	2·20	28	7	+ 1·0	8·8	- 1·5	1	0	0	1	1	11	12	5	0	0	0	0	0	0	13	16	2	0	Veraval
·3	+ 0·1	7·8	4·23	- 3·32	2·46	27	9	- 3·5	7·0	+ 0·8	1	1	0	2	2	14	8	3	0	0	0	0	0	6	20	5	0	0	Surat
·6	+ 1·0	8·5	2·97	- 2·20	1·20	27	6	- 1·8	6·0	- 0·8	0	0	0	0	0	7	18	6	0	0	1	0	2	2	12	12	2	0	Bhavnagar
·1	+ 1·2	7·8	2·10	- 5·99	0·57	29	6	- 4·7	4·6	+ 0·6	0	0	0	1	2	11	12	5	0	1	0	0	1	3	10	10	5	1	Ahmadabad
·5			2·35		0·83	16	6				0	0	0	0	0	0	30	0	1										Dohad
·1		6·8	1·96		0·61	26	6		4·7		0	0	0	0	3	16	8	3	1	0	0	0	0	4	15	4	3	5	Baroda

a—Mean of 30 days. *d*—Mean of 27 days. *g*—Mean of 24 days. *i*—Mean of 22 days. *j*—Mean of 21 days.

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Relative humidity %	
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	2
Central India, West																					
Neemuch ...	1,626	27·998	−·011	27·926	84·3	− 0·7	90	5,6	73·5	+0·8	71	23, 28	76·8	82·0	73·6	75·4	·798	+·017	·784	86	
Indore ...	1,828	27·819	−·015	27·740	83·8	+ 1·2	90	6	72·2	+0·8	70	6	75·0	80·3	72·1	73·5	·746	−·010	·719	87	−
Bhopal ...	1,648	27·978		27·896	84·4		89	4	73·2		71	4 days	76·3	80·6	73·6	75·1	·804		·797	88	
Guna ...	1,671	28·025		27·950	85·8		91	29,30,31	73·4		70	7, 8	77·0	82·4	75·5	77·1	·846		·851	90	
Central India, East																					
Nowgong ...	750	28·821	0	28·733	89·4	+ 1·5	96	31	76·6	−0·4	73	26	81·0	85·8	77·3	79·1	·878	0	·901	84	−
Sutna ...	1,041	28·520	−·002	28·438	88·0	+ 2·0	94	30	76·0	−0·2	73	11,12,29	79·5	83·1	76·5	78·3	·885	+·015	·889	87	
Jmaria ...	1,506	28·088		28·003	85·7		91	16	74·5		72	12, 13	78·4	81·2	75·3	76·4	·826		·828	86	
Berar																					
Akola ...	925	28·718	−·019	28·616	87·5	+ 0·3	94	3	75·0	+1·5	72	12	77·7	83·9	74·5	76·5	·826	+·065	·824	85	+
Amraoti ...	1,218	28·419	−·019		84·4	− 1·7	92	3	74·0	+1·2	72	10, 12	77·0		74·1		·797	+·031		87	+
Central Provinces, West																					
Khandwa ...	1,044	28·589	−·018	28·502	86·6	+ 1·0	92	5	74·1	0	72	1, 7, 23	77·9	83·3	74·3	76·1	·791	+·023	·801	84	
Hoshangabad ...	992	28·619	−·020	28·530	85·2	+ 0·7	92	6	74·5	+0·6	71	15	77·4	82·0	75·3	77·0	·839	+·044	·859	90	
Saugor ...	1,808	27·787	−·011	27·712	84·1	+ 0·5	90	30, 31	73·2	+0·5	70	12, 21	76·1	80·0	73·6	74·8	·804	+·029	·799	89	+
Jubbulpore ...	1,289	28·308	+·004	28·223	85·5	+ 0·9	92	4, 31	74·7	+1·2	73	7 days	77·7	81·5	75·8	76·6	·838	+·034	·856	89	+
Seoni ...	2,027	27·602	−·002	27·530	84·4	+ 1·6	89	6	71·8	+0·4	69	16	76·3	78·5	73·5	74·2	·770	+·011	·777	87	
Nagpur ...	1,017	28·594	−·017	28·509	86·9	+ 0·1	92	3, 23	74·7	+0·1	71	4, 5	77·9	81·7	75·3	77·0	·833	+·041	·865	89	+
Central Provinces, East																					
Pendra ...	2,040	27·571	+·003	27·496	83·8	+ 2·0	89	30	72·5	+1·1	71	4 days	76·1	77·8	73·8	75·0	·804	+·027	·826	90	+
Raipur ...	970	28·620	−·010	28·544	87·2	+ 1·5	90	5 days	75·0	+0·2	72	23	78·8	82·2	76·6	79·0	·899	+·062	·948	90	+
Kanker ...	1,318	28·297		28·221	85·0		90	3, 19	74·5		72	23, 24	77·6	81·0	74·1	75·5	·791		·792	84	
Chanda ...	634	29·006	−·010	28·912	86·4	− 1·0	93	2	75·2	+0·1	73	7, 24	78·3	82·2	75·6	77·2	·862	+·052	·858	88	+
Jagdalpur ...	1,813	27·836	+·001	27·753	84·3	+ 1·4	90	3	72·4	+0·9	70	21	76·3	78·5	73·5	74·2	·770	−·007	·777	87	
Konkan																					
Bombay ...	37	29·668	−·027	29·609	85·5	+ 0·6	88	4 days	76·6	+0·7	73	26	80·2	81·7	77·1	77·4	·885	+·004	·865	86	
Alibag ...	23	29·698			84·3		88	5	76·6		74	8, 28	80·1		77·2		·885			88	
Ratnagiri ...	207	29·582	−·026	29·468	83·8	+ 0·2	86	5	75·2	−0·3	71	8	79·1	81·1	76·5	77·2	·892	+·026	·872	90	+
Marmagao ...	202	29·549	−·032	29·480	83·1		84	12 days	74·9		70	26	78·0	80·2	75·9	76·7	·869		·878	91	
Karwar ...	44	29·724	−·031	29·656	83·1	+ 0·6	85	5 days	74·1	−0·7	71	23	78·1	80·5	75·7	76·7	·862	+·019	·872	89	+
Bombay Deccan																					
Jalgaon ...	660	28·973			89·0		95	5	74·8		72	10	78·0		74·9		·826			86	
Malegaon ...	1,430	28·229	−·024	28·143	87·8	+ 0·7	93	6	72·3	+0·4	69	17	77·7	83·0	72·4	73·8	·711	−·014	·714	75	−
Ahmadnagar ...	2,154	27·551	−·027	27·471	85·0	+ 0·1	92	3	69·4	+0·5	66	2	74·8	80·8	70·7	71·7	·704	+·029	·662	82	+
Poona ...	1,834	27·880	−·015	27·812	82·3	+ 0·6	89	6	70·8	+0·3	69	9, 27, 29	74·6	77·6	71·4	71·9	·720	+·038	·714	85	+
Sholapur ...	1,570	28·140	−·016	28·031	87·5	+ 0·1	94	4	71·4	+0·5	69	10,11,12	75·6	82·5	71·6	73·3	·738	+·053	·695	82	+
Miraj ...	1,824	27·906		27·823	81·7		91	5	70·5		69	2, 8, 9	74·1	79·7	71·1	72·2	·717		·682	86	
Inchalkaranji ...	1,795	27·932			84·3		93	4	70·1		67	8	74·0		71·4		·726			88	
Bijapur ...	1,950	27·770	−·027	27·669	86·6	0	94	4	70·2	+0·4	68	10, 12	74·7	81·6	70·6	72·1	·704	+·023	·655	81	+
Belgaum ...	2,562	27·212	−·012	27·141	78·7	+ 2·4	87	3	67·7	+1·3	66	8, 10	70·5	72·9	69·5	70·6	·694	+·019	·724	94	+
Gadag ...	2,131	27·623		27·534	84·5		91	6	69·8		68	8	73·5	79·7	70·3	71·8	·692		·684	85	
Hyderabad, North																					
Aurangabad ...	1,905	27·798	−·021	27·700	85·3	+ 0·4	91	3	70·2	+0·8	68	10, 11	74·7	81·4	71·4	73·2	·710	+·007	·702	85	+
Nizamabad ...	1,250	28·408	−·024	28·309	86·4	0	94	4	73·8	+0·9	71	23, 24	76·8	83·1	73·3	76·2	·763	+·023	·801	84	+
Hyderabad, South																					
Gulbarga ...	1,503	28·194	−·027	28·081	87·3	− 1·2	95	4	71·9	+0·5	69	12, 23	75·3	83·6	71·5	73·7	·709	+·005	·713	83	+
Raichur ...	1,311	28·396	−·027	28·291	88·0	− 1·6	94	6	73·2	+0·7	70	5	77·0	85·3	72·3	74·1	·723	+·018	·689	80	+
Hyderabad(Begumpet)	1,778	27·915	−·006	27·821	85·7	+ 0·3	93	4	71·9	−0·1	69	23	75·5	81·3	72·2	74·5	·739	+·008	·776	85	+
Hanamkonda ...	877	28·768	−·030	28·682	87·5	+ 0·3	93	6, 16	75·6	+0·8	71	23	79·0	83·5	75·1	76·1	·812	+·057	·794	81	+
Mysore																					
Chitaldrug ...	2,405	27·370	−·015	27·273	82·8	+ 0·5	89	6	69·1	+0·9	66	23	72·3	79·9	68·9	71·6	·660	+·010	·669	84	+
Balehonnur ...	2,917	26·899			74·9		80	6	65·2		63	23	68·2		67·2		·656			95	
Hassan ...	3,149	26·675	−·028		80·4	+ 1·9	86	3	66·5	+1·7	64	23	69·6		67·1		·633	+·006		87	+
Bangalore ...	3,021	26·794	−·020	26·701	79·7	− 1·5	83	5	66·1	+0·7	63	1	69·0	77·6	66·7	69·4	·629	+·004	·607	89	+
Mysore ...	2,518	27·280	−·035	27·206	82·1	− 1·1	86	1,7	67·1	+0·4	64	12	72·1	77·4	68·7	70·4	·650	+·013	·633	84	+

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																STATION.
											8 hrs. L. M. T.									17 hrs. I. S. T.								
8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																													Central India, West
2	− 0·1	7·6	10·09	+ 1·26	3·44	16	9	− 0·9	8·0	− 0·1	1	0	1	0	0	8	19	2	0	0	1	0	0	0	10	18	2	0	Neemuch
4	+ 0·1	8·5	8·34	+ 0·33	2·75	9	7	− 4·1	5·8	+ 1·2	0	0	0	0	0	8	19	4	0	1	0	0	0	0	10	12	7	1	Indore
1		8·6	10·23		4·02	15	14		4·9		0	0	0	1	0	3	13	11	3	1	1	1	0	0	3	12	9	4	Bhopal
3		7·0	14·17		4·00	19	12		4·9		1	1	0	0	1	6	13	6	3	1	2	0	0	2	5	9	9	8	Guna
																													Central India, East
4	+ 0·3	7·6	9·58	− 3·89	2·00	7	12	− 1·7	3·3	+ 0·9	0	2	3	0	0	8	11	1	6	2	3	2	1	0	7	8	4	4	Nowgong
6	+ 0·4	8·8	11·30	− 1·48	1·93	26	16	+ 1·3	3·8	− 0·9	1	0	7	1	2	8	10	2	0	2	2	5	2	2	5	10	2	1	Sutna
5		9·6	9·88		1·57	30	16		3·6		0	0	2	2	2	3	15	6	1	0	0	0	3	1	4	12	7	4	Umaria
																													Berar
3	− 1·9	6·6	6·25	− 0·18	2·22	27	8	− 1·6	6·8	+ 0·4	1	1	0	0	0	2	13	9	5	2	0	1	0	0	1	9	9	9	Akola
4	− 0·3		11·55	+ 4·97	5·30	27	14	+ 4·2	7·4	+ 1·4	1	0	0	0	0	7	18	5	0										Amraoti
																													Central Provinces, West
0	+ 1·5	9·1	3·67	− 2·82	0·87	7	8	− 2·4	7·4		0	0	0	0	0	6	21	4	0	1	0	0	0	2	6	13	9	0	Khandwa
4	+ 0·8	8·9	15·52	+ 0·53	2·99	24	17	+ 1·5	3·5	+ 0·4	0	0	0	0	1	4	16	2	8	0	0	0	0	0	7	10	0	14	Hoshangabad
8	+ 0·7	8·1	9·82	− 3·83	3·30	15	15	− 0·4	9·8	+ 4·9	1	0	2	1	0	7	13	7	0	1	1	1	0	0	12	13	3	0	Saugor
9	+ 0·5	8·8	15·73	− 1·13	2·17	7	22	+ 4·6	2·6	− 0·4	0	0	1	1	1	9	7	0	12	1	1	0	0	1	7	5	2	14	Jubbulpore
7	+ 1·4	9·5	11·28	− 1·91	2·40	20	17	+ 0·4	4·1	+ 0·4	2	7	1	1	0	1	3	14	2	3	7	2	2	1	4	2	4	6	Seoni
8	+ 0·7	9·6	12·81	+ 1·17	1·80	27	16	+ 2·3	3·5	− 1·6	0	0	0	0	1	7	16	2	5	1	1	0	0	1	7	18	2	1	Nagpur
																													Central Provinces, East
0	+ 1·7	9·0	14·10	+ 0·89	2·11	19	24	+ 6·0	3·9	− 0·1	2	0	1	2	9	5	2	7	3	2	2	3	3	8	6	2	5	0	Pendra
9	+ 2·0	9·6	14·45	+ 0·72	1·91	14	21	+ 5·4	3·7	− 2·4	0	0	1	1	3	13	9	1	3	3	0	3	0	1	9	9	3	4	Raipur
6		9·4	9·26		1·98	20	17		5·0		0	0	1	0	1	18	4	2	5	0	0	0	2	3	8	5	12	1	Kanker
0	+ 1·8	9·1	16·42	+ 3·40	3·17	4	19	+ 4·0	4·8	+ 0·4	0	0	1	1	3	9	12	1	4	0	0	3	1	1	9	6	1	10	Chanda
1	+ 1·7	9·4	11·55	− 5·04	2·13	28	19	− 0·4	3·5		0	0	0	0	3	3	16	0	9	0	0	0	0	3	4	11	0	13	Jagdalpur
																													Konkan
2	− 0·6	8·3	16·77	+ 2·07	2·78	8	21	+ 1·8	7·8	− 6·1	1	1	0	2	1	4	10	11	1	3	0	0	0	0	2	12	14	0	Bombay
3			22·52		4·60	27	21		13·0		0	2	1	2	0	10	9	4	3										Alibag
5	− 1·7	6·1	21·59	+ 1·85	3·44	22	23	− 0·7	6·5	− 0·8	1	3	0	3	2	8	5	9	0	1	0	0	0	0	4	13	13	0	Ratnagiri
0	− 1·0	6·9	16·88		1·91	5	25		8·4		2	4	2	2	2	5	9	5	0	2	0	0	0	1	5	12	11	0	Marmagao
3	− 1·1	6·3	16·49	− 4·89	2·78	8	19	− 4·9	2·9	0	4	4	0	2	3	6	0	5	7	6	3	0	1	2	10	0	8	1	Karwár
																													Bombay Deccan
5			5·32		1·92	9	9				0	0	0	0	0	0	19	0	12										Jalgaon
6	+ 1·0	7·9	2·00	− 1·21	0·62	27	6	+ 0·1	6·2	− 3·0	2	0	1	1	2	4	21	0	0	2	1	2	0	0	1	20	5	0	Malegaon
3	+ 1·0	7·5	5·51	+ 3·02	2·84	4	7	+ 2·1	6·3	− 3·8	5	0	0	0	1	1	22	1	1	5	0	1	0	1	0	21	3	0	Ahmadnagar
8	+ 1·2	9·0	3·36	− 0·30	0·95	28	5	0	5·2		0	0	0	0	0	4	22	3	2	0	0	0	0	0	4	25	2	0	Poona
2	− 1·3	6·5	6·56	+ 1·69	1·90	19	12	+ 4·4	6·3	− 3·4	4	0	0	0	1	7	15	3	1	3	1	1	0	2	4	11	8	1	Sholapur
2		8·9	5·44		1·63	5	7		8·8		0	0	0	0	1	5	19	6	0	0	0	0	1	0	2	20	8	0	Miraj
4			5·42		1·74	5	9		8·2		2	0	0	0	0	8	18	3	0										Inchalkaranji
2	+ 2·3	9·1	8·54	+ 6·12	2·50	7	11	+ 6·5	7·0	− 2·0	3	0	0	0	0	5	19	4	0	0	0	0	0	0	2	14	14	1	Bijapur
8	− 1·2	7·7	6·15	− 3·52	1·85	5	18	+ 1·0	5·2	− 8·6	1	0	0	0	1	0	29	0	0	0	0	0	0	0	1	30	0	0	Belgaum
4		8·3	5 83		1·75	19	16		10·0		1	0	0	0	0	7	21	2	0	0	2	0	0	0	5	19	5	0	Gadag
																													Hyderabad, North
8	+ 0·5	9·3	4·05	− 0·78	1·10	8	11	+ 2·0	10·1	+ 0·3	0	0	0	0	0	7	20	2	2	3	0	0	0	0	3	13	9	3	Aurangabad
6	+ 0·7	8·0	9·26	− 0·93	1·23	24	17	+ 2·9	4·5	− 1·4	0	0	0	1	5	17	6	1	1	0	2	1	0	6	9	6	4	3	Nizamabad
																													Hyderabad, South
3	+ 1·4	7·9	13·18	+ 7·49	1·75	7	16	+ 7·7	8·3	− 0·7	0	0	0	0	2	5	16	8	0	4	3	0	0	0	2	14	7	1	Gulbarga
4	+ 0·6	6 5	6·62	+ 1·30	1·22	9	13	+ 4·4	9·0	− 0·8	1	0	0	0	0	9	16	5	0	7	0	0	2	2	1	11	8	0	Raichur
1	+ 1·6	9·2	7·63	+ 1·32	1·36	18	13	+ 2·6	4·9	− 3·9	0	0	0	0	1	1	20	9	0	1	0	1	1	0	3	18	6	1	Hyderabad(Begumpet)
0	+ 1·0	7·8	9·31	+ 2·76	1·68	26	10	− 0·6	5·8	− 0·5	2	0	0	4	3	2	5	13	2	5	3	1	3	1	1	3	14	0	Hanamkonda
																													Mysore
3	+ 1·0	8·7	9·02	+ 6·07	2·53	22	16	+ 9·1	7·4	+ 0·1	0	0	0	0	0	8	20	3	0	1	0	0	0	0	5	21	3	1	Chitaldrug
3			15·79		2·11	22	25		3·1		8	0	0	0	0	0	4	11	8										Balehonnur
0	− 0·2		9·05	+ 5·39	2·60	21	14	+ 5·4	6·1	+ 1·0	0	2	1	0	0	7	11	10	0										Hassan
0	+ 0·3	9·4	12·11	+ 6·73	1·77	18	13	+ 8·4	8·6	+ 2·0	0	0	0	0	0	0	25	6	0	0	0	0	0	0	5	19	5	2	Bangalore
3	+ 0·1	8·8	5·74	+ 2·47	1·35	18	11	+ 4·3	6·9	− 1·4	0	0	0	0	0	11	13	1	6	0	0	0	0	0	9	17	2	3	Mysore

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Relative humidity %	
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Malabar																					
Mangalore ...	72	29·708	−·045	29·636	83·0	− 0·7	86	15	74·7	+ 0·6	71	27, 30	77·9	80·1	76·1	76·9	·869	+·013	·885	92	+
Calicut ...	27	29·773	−·033	29·694	84·2	+ 1·7	88	29, 30	74·4	0	70	24	76·6	81·7	74·9	77·3	·843	−·002	·866	92	
Cochin ...	10	29·800	−·039	29·721	82·5	− 1·5	84	13 days	75·1	+ 0·6	71	24	78·4	80·1	75·6	76·3	·858	+·023	·844	88	+
Trivandrum ...	200	29·592	−·042	29·511	84·4	+ 1·9	87	9	75·8	+ 1·0	71	7	78·7	81·6	75·7	76·3	·855	+·050	·821	87	+
Madras, Southeast																					
Pamban ...	37	29·713	−·026	29·624	87·8	− 1·5	91	5	79·4	+ 0·9	76	2, 3	82·5	82·9	77·5	78·0	·858	−·008	·889	79	+
Madura ...	463	29·276	−·084	29·166	94·0	− 2·2	98	31	76·7	+ 0·7	74	22	81·8	89·7	73·3	74·9	·696	−·045	·664	65	−
Negapatam ...	31	29·714	−·019	29·610	91·5	− 2·5	96	14, 15	78·0	+ 0·5	74	2, 17	81·3	86·6	76·1	79·4	·825	+·012	·891	78	+
Trichinopoly ...	255	29·483	−·036	29·363	92·6	− 4·0	97	31	76·6	− 0·3	73	4	80·1	90·0	74·2	76·5	·757	+·028	·743	75	+
Coimbatore ...	1,341	28·410	−·038	28·314	87·5	− 0·6	91	21, 30	71·5	+ 0·6	69	23, 24	76·2	83·0	71·8	73·3	·723	−·017	·682	79	−
Salem ...	913	28·828	−·035	28·708	89·9	− 2·3	94	30, 31	73·8	+ 0·9	70	16	76·6	87·4	73·0	75·2	·763	−·011	·704	84	+
Cuddalore ...	39	29·689	−·026	29·580	91·8	− 2·2	97	14	77·2	+ 0·2	72	20	81·9	87·1	75·6	78·5	·808	−·039	·874	74	−
Vellore ...	703	29·014	−·032	28·906	91·0	− 2·3	95	1	75·8	− 0·6	72	3, 17	79·7	85·6	74·0	76·5	·764	+·013	·804	75	+
Madras ...	22	29·687	−·030	29·586	93·1	− 0·6	97	5 days	78·0	+ 0·8	73	21	82·8	87·1	76·1	77·9	·808	−·001	·835	73	−
Madras, Deccan																					
Cuddapah ...	428	29·296	−·022	29·168	90·7	− 3·9	96	1	75·7	− 1·4	71	16	80·4	88·0	75·6	77·5	·828	+·067	·784	79	+
Bellary ...	1,473	28·246	−·032	28·184	88·1	− 2·8	93	2	73·5	− 0·3	68	4	77·1	84·3	72·0	73·9	·716	+·069	·696	77	+1
Kurnool ...	923	28·782	−·027	28·659	87·9	− 2·5	93	4 days	71·2	+ 0·1	72	7, 12	77·4	85·3	73·1	75·4	·750	+·020	·731	91	+
Rentichintala ...	349	29·324		29·215	91·5		99	16	78·0		73	7	81·4	88·2	75·7	77·1	·821		·777	75	
Madras Coast, North																					
Nellore ...	66	29·627	−·021	29·520	93·2	− 2·6	99	16	78·7	− 0·3	73	20	82·7	90·5	76·2	78·5	·803	+·014	·826	74	+
Masulipatam ...	10	29·652	−·028	29·553	88·2	− 3·2	94	2, 15	78·0	+ 0·3	71	19	80·8	85·6	77·6	79·7	·916	+·025	·940	86	+
Cocanada ...	26	29·630	−·007	29·531	89·3	− 0·3	95	14,15,16	77·8	− 0·6	73	3, 29	82·1	85·8	77·9	79·1	·903	+·015	·901	82	−
Vizagapatam ...	126	29·493	−·012	29·408	89·2	+ 0·4	96	14, 21	79·0	+ 0·8	73	24	82·9	85·5	78·1	79·2	·869	+·030	·901	80	
Calingapatam ...	19	29·595	+·001	29·512	91·2	+ 1·3	96	14, 22	79·3	+ 0·8	76	6	83·0	85·1	78·9	80·3	·935	+·013	·954	83	−
Hill Stations, excluding Kashmir and Baluchistan																					
Maymyo ...	3,546	26·277	+·011	26·198	76·0	− 0·2	83	16	66·5	+ 0·6	64	8	69·7	72·4	68·4	70·1	·666	+·003	·703	93	+
Haka ...	6,100	23·974		23·920	69·8		75	18	60·0		58	26	63·4	64·7	61·2	63·0	·515		·559	39	
Kanpetlet ...	6,322	23·785		23·745	69·3		73	27, 31	60·0		58	3, 28	65·8	63·8	62·9	62·7	·543		·564	86	
Shillong ...	4,921	24·974	−·001	24·899	74·7	− 0·2	80	17	64·1	+ 0·4	61	4, 6, 27	68·5	70·5	66·2	67·8	·605	+·010	·647	88	+
Cherrapunji ...	4,309	25·485	−·042	25·445	72·7	+ 0·5	80	25, 28	65·5	+ 0·5	64	8 days	67·7	69·2	66·7	67·9	·649	+·010	·637	95	
Aijal ...	3,599	26·171		26·092	76·4		80	4, 27	65·8		61	13	69·0	70·9	68·2	70·0	·672		·721	97	
Darjiling ...	7,432	22·890	−·005		66·0	+ 0·8	75	17	57·9	+ 0·6	56	20, 27	61·2		60·6		·530	+·012		97	+
Kalimpong ...	3,913	25·873	+·001	25·792	75·3	+ 0·6	82	17	67·3	+ 0·4	65	20	70·6	71·7	69·6	70·4	·721	+·033	·716	96	+
Katmandu ...	4,388	25·462		25·391	83·4	− 0·9	89	17,29,30	67·8	− 0·1	65	13, 14	72·2	78·0	69·4	73·0	·672		·752	86	
Muktesar ...	7,592	22·719	+·003	22·669	68·2	− 0·6	73	30	56·8	− 0·4	52	2	61·3	64·1	60·3	62·5	·506	+·004	·559	95	+
Mussooree ...	6,940	23·235	+·033	23·198	68·9	− 0·1	72	16	60·2	+ 0·3	58	11	63·2	65·4	62·5	64·8	·570	+·016	·611	96	+
Simla ...	7,224	22·997	+·016	22·958	68·9	+ 0·2	74	23, 31	59·3	+ 0·1	55	20	63·5	65·8	60·7	63·0	·504	+·002	·543	84	−
Murree ...	7,082	23·108	+·028	23·080	73·2	+ 2·4	78	10	59·7	+ 2·8	55	3, 21	65·4	69·5	61·4	65·3	·494	−·032	·574	82	−
Cherat ...	4,272	25·504	+·003		83·1	+ 2·0	99	11	70·4	+ 0·5	63	12	74·3		70·4		·685	+·049		83	+
Parachinar ...	5,673	24·260	−·017	24·205	86·5	+ 1·5	94	11	66·5	+ 1·6	59	22	75·7	80·7	66·7	69·9	·565	+·037	·615	64	+
Drosh ...	4,728	25·090			96·0	+ 0·5	107	10	73·3	+ 1·1	59	30	78·3		66·1		·493	−·044		52	−
Mount Abu ...	3,915	25·821	+·006	25·768	72·8	+ 0·7	77	28	64·9	+ 0·5	63	7 days	66·8	70·4	66·3	68·0	·632	+·016	·654	97	+
Pachmarhi ...	3,528	26·216	+·001	26·147	76·3	+ 1·5	81	4, 5	67·4	+ 0·4	65	10, 24	70·2	72·7	68·9	70·1	·690	+·035	·701	94	+
Mahabaleshwar ...	4,534	25·366		25·317	66·5		74	6	61·4		60	7 days	63·8	64·5	63·6	64·3	·595		·595	100	
Mercara ...	3,781	26·085	−·029	26·021	70·9	+ 1·5	75	5 days	63·0	+ 1·2	60	22, 23	64·9	67·7	64·6	66·4	·610	+·030	·621	93	+
Ootacamund ...	7,364	22·985	−·008	22·935	64·0	+ 1·1	68	5, 10	52·0	+ 0·3	47	9	57·1	58·9	54·5	56·5	·406	+·012	·488	86	−
Coonoor ...	5,730	24·355			70·4		73	23, 26	57·1		52	12	65·1		59·7		·453			73	
Kodaikanal ...	7,388	22·723	−·002	22·674	68·3	+ 0·9	67	10	52·6	+ 0·8	51	9 days	57·2	57·4	53·5	55·9	·367	−·002	·430	80	+
Ceylon																					
Colombo ...	24	29·792	−·038	29·717	84·6	− 1·3	91	13	76·8	− 0·4	74	4 days	79·4	82·3	75·7	76·6	·846	−·012	·849	84	
Trincomalee ...	24	29·739	+·016	29·652	90·9	− 1·9	94	28, 31	77·3	+ 0·4	73	4	80·4	86·5	74·5	76·8	·786	−·035	·794	75	−
Hambantota ...	61	29·713	−·043	29·631	85·2	− 1·8	88	4, 30	76·1	− 0·1	71	23	79·1	81·4	76·0	76·7	·854	+·025	·862	87	−
Nuwara Eliya ...	6,170	24·016		23·959	66·6		71	11,21,31	54·2		47	10	59·8	61·9	57·3	59·0	·438		·469	88	
Arabia																					
*Aden ...	93	29·555	−·014		90·8	− 1·2	95	19	80·2	− 0·3	75	6	82·8		78·5		·931	+·063		82	+

* Records observations at 7 hrs. (L. M. T.).

oud amount nths of sky).		Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																	STATION.
										8 hrs. L. M. T.										17 hrs. I. S. T.									
Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																												Malabar
+0·1	8·8	16·94	− 5·60	2·45	27	25	+ 0·2	4·7	+ 2·1	2	2	4	7	2	2	2	6	4	2	0	0	1	4	4	5	15	0	Mangalore
+0·7	8·3	14·82	− 0·76	5·50	22	20	+ 1·3	6·3	+ 1·6	3	6	4	0	5	1	2	7	3	1	0	0	0	0	6	14	10	0	Calicut
+1·4	9·2	9·25	− 3·64	1·74	22	15	− 3·3	7·1	+ 2·4	4	7	4	2	1	1	3	5	4	2	0	0	1	0	1	12	15	0	Cochin
−0·1	7·8	6·24	+ 2·17	1·90	22	7	− 2·2	5·6	− 0·8	14	0	0	0	0	0	1	11	5	1	0	0	0	0	0	5	24	1	Trivandrum
																												Madras, Southeast
+2·3	5·7	0·68	− 0·05	0·59	2	1	− 0·1	13·4	+ 6·3	1	0	4	3	6	14	3	0	0	0	0	0	12	13	6	0	0	0	Pamban
+0·3	8·5	2·50	− 1·75	0·73	21	7	+ 1·0	4·6	+ 1·3	3	0	1	1	0	1	13	12	0	1	2	3	3	2	5	9	4	2	Madura
+0·8	6·4	5·99	+ 2·40	2·60	20	8	+ 2·7	6·1	+ 1·3	0	0	0	0	0	9	21	1	0	0	0	0	7	8	16	0	0	0	Negapatam
+1·6	7·9	5·99	+ 2·16	2·80	4	6	+ 1·0	6·0	+ 0·3	0	0	0	0	0	6	16	9	0	1	2	0	0	7	3	11	8	0	Trichinopoly
+1·3	7·7	2·08	+ 0·95	0·75	22	5	+ 2·3	7·5	+ 2·1	0	0	0	1	11	11	1	0	7	0	0	0	0	10	14	6	1	0	Coimbatore
+0·5	8·1	9·19	+ 2·35	4·40	18	10	− 0·5	4·4	+ 1·1	1	0	1	0	8	13	6	1	1	2	0	1	1	6	7	9	4	1	Salem
+0·7	6·1	3·98	− 0·99	1·27	17	7	− 0·5	6·0	+ 2·7	0	0	0	0	4	20	6	1	0	0	0	0	16	6	5	3	1	0	Cuddalore
+0·2	8·0	6·91	+ 0·63	1·80	17	13	+ 5·7	4·0	+ 0·7	2	1	0	0	0	6	10	11	1	1	0	0	0	6	12	6	4	2	Vellore
+0·2	8·4	4·24	− 0·40	2·27	21	4	− 3·9	10·9	+ 1·9	0	0	0	0	1	11	18	1	0	0	0	4	13	7	2	5	0	0	Madras
																												Madras, Deccan
+1·7	8·0	10·32	+ 4·51	2·34	18	15	+ 7·0	4·9		1	0	0	0	1	0	11	12	6	0	0	0	2	1	1	9	13	5	Cuddapah
+1·1	8·5	11·21	+ 8·89	3·46	22	13	+ 8·9	7·4	− 0·5	2	0	0	0	0	2	12	12	3	1	0	0	0	0	4	12	10	4	Bellary
+2·3	9·4	6·93	+ 1·89	1·26	18	12	+ 2·9	9·0	+ 0·2	0	0	0	0	0	12	17	2	0	4	2	1	2	0	2	6	14	0	Kurnool
	9·3	5·19		1·85	16	9		6·8		0	0	0	1	1	4	19	3	3	2	1	3	1	0	4	15	5	0	Rentichintala
																												Madras Coast, North
−0·2	7·3	5·91	+ 2·64	1·95	1	7	+ 1·3	5·0	− 0·9	0	0	0	0	2	9	14	6	0	0	0	3	5	2	3	13	4	1	Nellore
+1·5	8·7	7·63	+ 0·77	2·70	7	8	− 2·8	6·1	+ 0·2	0	0	0	0	0	16	0	15	0	0	2	0	7	0	10	1	11	0	Masulipatam
−0·3	6·5	5·95	+ 0·46	2·13	3	9	− 0·6	6·4	+ 1·3	0	0	0	0	0	16	12	0	3	0	0	0	2	0	24	4	0	1	Cocanada
+0·4	9·0	4·66	− 0·70	1·46	23	9	+ 0·6	5·2	+ 1·6	0	0	0	0	0	6	13	1	11	1	0	0	0	6	20	3	1	0	Vizagapatam
+2·0	7·8	3·53	− 4·39	0·91	25	12	+ 2·1	5·4	− 0·4	1	0	0	0	0	12	15	3	0	2	0	0	0	10	15	1	2	1	Calingapatam
																												Hill Stations, excluding Kashmir and Baluchistan
0	7·7	10·12	+ 0·81	1·57	5	18	+ 2·9	2·2	− 0·1	1	2	6	1	1	2	3	1	14	0	0	2	0	4	6	1	1	17	Maymyo
	9·1	13·60		1·93	13	19		6·5		0	7	10	0	3	3	1	0	7	1	4	10	1	3	6	2	1	3	Haka
	9·1	20·75		2·08	25	26		3·5		1	2	5	1	7	7	4	1	3	4	2	0	0	0	2	13	2	8	Kanpetlet
+1·3	9·1	19·12	+ 4·76	2·97	20	26	+ 6·7	1·8	+ 0·3	7	1	1	1	1	0	0	0	20	2	1	1	0	3	4	0	1	19	Shillong
+0·3	8·7	100·06	+ 20·22	15·13	20	24	− 2·7	6·6	+ 2·9	0	8	4	5	5	6	0	1	2	1	7	2	2	5	9	2	1	2	Cherrapunji
	7·4	9·64		2·18	28	20		6·1		0	0	9	5	7	9	0	1	0	0	0	4	2	4	16	4	1	0	Aijal
−0·5		27·77	− 0·09	3·21	6	23	− 1·1	4·7	+ 1·3	1	5	12	3	0	1	2	0	7										Darjiling
+1·2	8·5	21·87	+ 2·70	3·78	1	25	+ 3·9	6·4		0	0	0	8	1	0	0	17	5	0	0	0	25	1	0	0	1	4	Kalimpong
	8·0	16·40	+ 1·63	3·05	29	22	− 0·1	1·1		1	1	6	2	0	1	0	0	20	7	1	3	1	2	0	2	2	13	Katmandu
0	8·4	13·57	+ 1·72	3·05	12	17	0	7·2	+ 2·7	0	3	3	5	0	6	8	1	5	0	0	0	5	1	6	16	1	2	Muktesar
+0·8	9·3	13·32		3·93	11	17		4·2		4	3	1	0	5	5	2	2	9	2	1	2	0	9	6	0	0	11	Mussooree
−0·5	8·1	15·07	− 2·26	4·41	11	16	− 3·5	2·1	− 0·4	4	12	3	2	1	1	0	3	5	4	5	0	2	2	1	0	2	15	Simla
+1·2	6·8	13·14	− 1·74	2·26	27	14	− 0·6	5·8		1	0	3	4	3	2	13	3	2	0	0	1	6	2	9	9	4	0	Murree
+0·2		2·55	− 1·75	1·03	39	5	− 1·1	6·5	+ 1·6	4	1	7	9	2	1	1	1	5										Cherat
−0·7	6·0	1·73	− 1·90	0·63	14	5	− 2·7	4·9	+ 2·8	4	1	6	10	6	0	4	0	0	0	3	5	3	12	7	1	0		Parachinar
−0·9		0·54	− 0·16	0·41	30	2	− 0·3	7·5	+ 3·3	0	2	0	1	2	2	1	0	23										Drosh
+0·6	9·1	8·80	− 13·58	3·52	16	16	− 1·4	7·0	− 1·1	0	1	1	2	2	18	6	0	1	0	1	0	2	3	21	3	0	1	Mount Abu
+0·6	9·6	20·98	− 2·32	4·50	6	27	+ 5·5	4·4	− 2·5	2	1	1	0	1	2	13	9	2	0	0	0	0	0	1	19	10	1	Pachmarhi
	10·0	53·33	− 21·45	7·07	26	29	− 0·8	9·1		0	1	0	0	0	6	21	3	0	0	0	0	0	0	3	23	5	0	Mahabaleshwar
−1·7	6·9	19·64	− 5·81	1·81	22	26	− 0·3	8·2	+ 2·5	0	1	1	0	0	0	8	9	12	0	0	0	0	0	0	10	10	11	Mercara
−1·1	8·9	7·74	+ 2·15	2·15	4	15	+ 2·7	4·5	− 0·5	0	3	0	0	0	2	16	2	8	2	3	0	0	3	5	12	3	3	Ootacamund
		5·42		1·87	4	10		3·8		0	0	0	4	11	4	0	11	1										Coonoor
−1·0	9·2	8·96	+ 1·97	1·91	4	14	+ 1·9	5·9	− 3·6	0	1	0	0	2	0	3	15	10	0	1	0	3	6	1	3	12	5	Kodaikanal
																												Ceylon
+0·6	8·4	4·80	+ 1·53	0·63	7	16	+ 9·7			0	0	0	1	2	13	11	1	3	0	0	0	0	0	20	9	1	1	Colombo
+1·9	7·4	2·51	− 1·68	0·86	17	4	− 1·0			0	0	0	0	1	16	14	0	0	3	0	6	2	1	10	9	0	0	Trincomalee
+1·0	5·9	4·21	+ 3·08	2·28	23	3	− 0·1			0	0	0	0	0	1	28	2	0	0	0	0	0	0	16	15	0	0	Hambantota
	9·5	4·38	− 3·72	1·80	2	11																						Nuwara Eliya
																												Arabia
+0·2		0	− 0·11	0		0	− 0·3			8	6	3	2	3	2	4	2	1										*Aden

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Rel hun
		Mean 4 hrs. G. M. T.	Departure from normal.	Mean 12 hrs. G. M. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 4 hrs. G. M. T.	Mean 12 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Mean 12 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Departure from normal.	Mean 12 hrs. G. M. T.	Mean 4 hrs. G. M. T.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Iran																				
Charbar ...	25	29·542		29·488	86·8		91	2, 4					82·5	85·0	76·8	78·4	·851		·869	75
Jask ...	13	29·539		29·459	92·1	− 2·3	99	2, 27	83·1[a]	− 0·7	80	24	86·0	90·5	80·1	81·8	·940		·975	77
Bandar Abbas ...	29	29·504		29·407	97·5		106	2, 28	81·9[c]		68	24	91·1	95·2	85·3	86·6	1·120		1·164	79
Bushire ...	14	29·444		29·409	97·6	+ 1·0	102	8	86·5	+ 2·6	79	1	90·6	96·0	86·1	91·1	1·179		1·285	83
Ispahan ...	5,817	24·43*		24·36*	96·3	+ 0·6	103	4 days	63·1	− 0·6	55	22	74·4	94·9	57·6	62·2	·303		·213	33
Meshed ...	3,104	26·52*		26·45*	93·5	+ 3·1	101	8	56·9	− 1·8	48	21	74·0	90·1	59·3	65·0	·331		·326	40
Seistan ...		27·962		27·809	105·0	+ 4·9	109	15	78·1	+ 1·9	73	6	83·0	103·5	65·4	76·0	·398		·549	38
Arabia																				
Bahrein ...	8	29·485		29·447	101·8	+ 4·2	111	1	86·6	+ 1·0	81	16	92·4	98·7	84·2	87·1	1·054		1·124	70
Muscat ...	15	29·503		29·458	88·8	− 1·4	101	2, 13	80·6	− 3·4	74	4	83·8	85·1	79·5	80·7	·928		·995	84
Sharjah ...	18	29·498		29·427	102·2		116	3	82·5		78	7, 28	90·3	96·7	79·0	84·2	·833		·993	60

* Aneroid. *a*—Mean of 30 days. *c*—Mean of 28 days.

TABLE IV—ABSTRACT OF OBSERVATIONS RECORDED AT 8 HRS. (L. M. T.) AT 4TH CLASS STATIONS—AUGUST 19

STATION.	Maximum temperature °F.				Minimum temperature °F.				Mean dry bulb temperature 8 hrs. L. M. T. °F.	Mean wet bulb temperature 8 hrs. L. M. T. °F.	Vapour pressure, inches.		Relative Humidity %		Mean cloud amount 8 hrs. L. M. T.	Rainfall, inches.				Number of rainy days (0·10" or more).		W
	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.			Mean 8 hrs. L. M. T.	Departure from normal.	Mean 8 hrs. L. M. T.	Departure from normal.		Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Resultant direction
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Assam																						
Lumding ...	89·7	− 0·6	94	27	76·9	+ 0·4	75	5 days	80·0	77·3	·892		89			6·52	−1·54	2·07	27	9	− 2·4	
Bengal																						
Pabna ...	88·2	− 1·9	91	28,29,31	79·7	+ 3·4	76	2, 12	83·1	80·1	·981	+ ·006	87	0		18·47	+8·20	4·68	10	15	− 1·0	
Punjab, East and North																						
Gurdaspur ...									82·0	77·5	·865		81		6·0	10·91		3·34	27	9		S 54
Kashmir																						
Jammu ...	87·5	− 4·4	94	10	78·7	+ 1·2	69	21	81·3	76·8	·865	+ ·002	81	+ 2	5·9	7·17	−5·20	1·92	17	8	− 3·3	N 3
Kargil ...	85·0	− 3·0	96	10	63·3	+ 5·6	56	22	72·0	60·7	·434	+ ·123	56	+13	4·8	0·02	−0·29	0·02	29	0	− 1·1	N 23
N.W. F. Province																						
Bannu ...	103·1	+ 3·6	112	10	83·2	+ 3·3	74	20, 21	90·3	78·0	·788	− ·029	57	− 8	1·7	1·25	−1·12	0·64	20	4	+ 0·5	S 45
Wana ...	91·8		99	10	69·9		65	22, 23	81·2	68·7	·562		53		0·3	0·61		0·27	16	2		E 7
Hyderabad, North																						
Bidar ...	82·8	− 0·9	88	4	70·0	+ 2·1	66	23	73·8	71·3	·726	+ ·019	89	+ 4	8·1	9·08	+1·89	3·96	22	13	+ 1·6	S 89
Mysore																						
Nandi ...	70·7		75	1	60·7		57	23	62·9	62·7	·564		99			18·48		5·94	18	19		S 52
Tibet																						
Yatung (Chumbi) ...	66·2	+ 2·4	70	25, 29	50·5	− 0·5	45	13	56·3	55·2	·423	+ ·017	94	+ 4	7·0	6·34	−1·28	0·98	9	16	− 3·7	
Iran																						
Zahidan ...	96·3		103	14	69·9		54	23	83·6	56·5	·153		13		0	0		0		0		Cal

Cloud amount (tenths of sky)			Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																	STATION.
											4 hrs. G. M. T.									12 hrs. G. M. T.								
Mean 4 hrs. G. M. T.	Departure from normal.	Mean 12 hrs. G. M. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																													Iran
4·4		2·9[a]	0		0		0		6·8		2	4	6	6	6	0	0	0	7	0	0	0	18	8	4	0	0	0	Charbar
2·6		1·2	0	- 0·01	0		0	0	9·7	+ 0·2	0	3	26	1	0	1	0	0	0	0	0	1	14	8	5	3	0	0	Jask
4·6		0·5	0		0		0		6·1		0	6	9	8	1	0	0	1	6	0	0	2	13	11	4	1	0	0	Bandar Abbas
0·7		0·3	0	0	0		0	0	7·9	+ 2·6	5	2	5	10	2	0	2	2	2	1	0	0	0	4	10	10	6	0	Bushire
1·2		2·1	0	- 0·01	0		0	0	1·8	- 0·2	1	0	0	0	0	0	3	0	27	3	6	5	4	1	2	1	0	9	Ispahan
1·2		1·5	0	- 0·03	0		0	- 0·1	1·6	+ 0·2	0	0	2	1	0	0	0	0	28	0	0	11	10	0	0	0	0	10	Meshed
0·3		0·3	0	0	0		0	0	7·9	- 5·8	0	0	0	0	0	0	0	23	8	0	0	0	0	0	0	0	20	11	Seistan
																													Arabia
1·2		0·7	0	0	0		0	0	6·0		2	0	1	6	5	4	6	5	2	13	7	9	1	0	0	0	1	0	Bahrein
2·5		1·7	0	- 0·03	0		0	- 0·1	2·8	- 0·3	0	1	0	4	1	0	2	4	19	0	21	0	7	0	0	0	2	1	Muscat
1·5		1·1	0		0		0		6·8		0	1	5	11	9	1	0	1	3	12	0	1	0	0	0	6	12	0	Sharjah

a—Mean of 30 days.

TABLE V—ABSTRACT OF OBSERVATIONS RECORDED AT 8 HRS. (L. M. T.) AT 5TH CLASS STATIONS—AUGUST 1938

DIVISION.	STATION.	Rainfall, inches.				Number of rainy days (0·10" or more).		DIVISION.	STATION.	Rainfall, inches.				Number of rainy days (0·10" or more).	
		Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.			Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.
1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8
Bengal ...	Bankura ...	12·62	+1·15	3·32	18	12	-3·8	Baluchistan ...	Harnai ...	0·88	-1·95	0·31	18	3	- 1·5
	Rampur Boalia ...	13·56	+3·24	1·71	20	17	+2·4	Rajputana, East...	Udaipur ...	7·94	+1·02	2·50	16	9	+ 0·4
	Sirajganj ...	8·07	-3·43	1·55	3	11	-4·4								
	Rangpur ...	11·00	-2·63	1·92	9	10	-4·1	Bombay Deccan ...	Khandala ...	54·93		8·23	28	30	
	Cooch Behar ...	13·30	- 11·85	2·44	1	19	+0·8	Hyderabad, North.	Parbhani ...	5·97	+0·58	2·51	7	6	- 2·5
Bihar ...	Muzaffarpur ...	18·88	+5·46	3·20	4	16	+2·3	Madras Southeast	Palamcottah ...	0·97	+0·41	0·92	2	1	0
	Chapra ...	10·54	- 1·32	1·89	11	14	+0·5								
	Arrah ...	16·47	+4·82	5·25	7	16	+1·9	Madras Deccan ...	Anantapur ...	19·23	+ 17·08	3·24	6	18	+14·0
	Dehri ...	10·80	-2·40	2·05	7	15	+0·5	Sikkim ...	Lachung ...	9·92	+0·20	0·83	10	27	+ 2·2
United Provinces West.	Meerut ...	4·59	-4·10	0·79	24	12	+2·4								
Punjab, East and North.	Dharampore ...	20·07		6·90	12	12									
	Kyelang ...	0·31	-1·15	0·15	12	1	-2·9								
	Dalhousie ...	14·08	-8·83	2·18	27	17	-2·5								
Kashmir ...	Sonamarg ...	5·66	+2·06	2·05	27	8	-0·7								
	Gurez ...	2·95		1·05	29	8									

Y. P. P.—S 1572—325—12-11-38.

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MONTHLY FREQUENCY TABLES

of

Horizontal Visibility, Height of Base of Low Cloud and Surface and Upper Winds at Pilot Balloon Stations

August 1938

Supplement to the Monthly Weather Report, August 1938

Published by authority of the Government of India

Tables of Wind Frequency:—Data for tables 1, 4, 7 and 10 are obtained from routine pilot balloon ascents. They are classified under four sets of tables according to the times of their commencement. Ascents in day-light starting at hours before 0830 hrs. I. S. T. have been classified under "morning". Most of these ascents begin at about 10-15 minutes before sunrise; thus the times will be different at different stations. Ascents starting at hours varying from 0830 to 1200 hrs. are classified as "forenoon" and those from 1200 to 1700 hrs. as "afternoon". Night ascents with lanterns which start after 0300 hrs. are classified as "late night". The most frequent times of commencement of the ascents which have been classified as "forenoon", "afternoon", and "late night" are 0900, 1400 and 0330 hrs. I. S. T. respectively.

The symbols used in the tables of wind frequency have the following meaning: – ϕ = Latitude of the station; λ = Longitude of the station; H_s = Height of the anemometer head (i.e. to which the values of the surface wind relate) above mean sea level; C = the number of observations when the speed of wind is 5 km./hr. or less and n = number of observations.

Tables of Frequency of Heights of base of Low cloud:—Tables 2, 5, 8 and 11 are based on observations made at the routine hours of pilot balloon flights or within half an hour of the same. Heights which are either measured or estimated are given.

In the first row of these tables, for amounts of low cloud 1-10, the number under code figure 9 gives occasions when there was no low cloud, and in the second row, for amount of low cloud = 9 or 10, the number under this code figure gives all occasions when the total amount of cloud (whether low, medium or high) was 9 or 10.

Tables of Frequency of Horizontal Visibility:—Data for tables 3, 6, 9 and 12 are obtained from observations near the times of the routine pilot balloon ascents.

The Code figures used in the tables Nos. 2, 3, 5, 6, 8, 9, 11 and 12 have the following meaning:—

Code figure ...	0	1	2	3	4	5	6	7	8	9
Cloud height ...	Less than 50 m.	50 to 99 m.	100 to 199 m.	200 to 299 m.	300 to 599 m.	600 to 999 m.	1000 to 1499 m.	1500 to 1999 m.	2000 to 2500 m.	No Low cloud / Total amount of cloud = 9 or 10
Visibility ...	Less than 50 m.	50 to 200 m.	200 to 500 m.	500 to 1000 m.	1000 to 2000 m.	2000 to 4000 m.	4000 to 10000 m.	10000 to 20000 m.	20000 to 50000 m.	Greater thar 50000 m.

POONA:
The 11th August 1939.

S. K. BANERJI,
Offg. *Director-General of Observatories.*

[Price 6 annas.]

U85

STATION.	Speed limits (km./hr.).	Surface.										0·5 km. above Surface.										1·0 km. a. s. l.										2·0 km. a. s. l.					
		n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S
Agra ...	6-25	31		1	2	2	3	5	3	1	14	31			4	1		1	2	2		30			4			1	2	1		30	1	4	1		
ϕ = 27° 08′ N ...	26-50												1		2	3			7	3			1		1	2	1		6	7					3		1
λ = 78° 01′ E ...	51-75														1				4						2				2						2		
H_s = 181 metres ...	>75																																				
Ahmedabad ...	6-25	31					8	14	5		9	29							2	5		27							3	5		23					4
ϕ = 23° 02′ N ...	26-50																1		4	12	4								3	11	2						
λ = 72° 35′ E ...	51-75																		1											3							
H_s = 55 metres ...	>75																																				
Bangalore ...	6-25	31						4	19	6	1	19	1						1	4		31							2	19	7		9			2		
ϕ = 12° 58′ N ...	26-50								1				1							7	4									3							
λ = 77° 36′ E ...	51-75																			1																	
H_s = 936 metres ...	>75																																				
Bhuj ...	6-25	31					1	18	6		6	30						1	1			27					2	2	1			13	1	1	1	1	4
ϕ = 23° 15′ N ...	26-50												1						8	13				1					8	9							
λ = 69° 48′ E ...	51-75																		2	4										4							
H_s = 113 metres ...	>75																																				
Chittagong ...	6-25	31				11					20	27				3	4	1			1	24				2	4	2			2	19			1	3	4
ϕ = 22° 21′ N ...	26-50															1	14	2								3	6	5							2	3
λ = 91° 50′ E ...	51-75																1																				
H_s = 21 metres ...	>75																																				
Dacca ...	6-25	31			1	6	2	3			19	30			1	6	6	2	1			22		1		5	3	1	1	1		15			3	6	1
ϕ = 23° 43′ N ...	26-50														1	3	3	7							1	1	3	3							1	
λ = 90° 24′ E ...	51-75																									1											
H_s = 21 metres ...	>75																																				
Fort Sandeman ...	6-25	31		4	1	1					25	31	1	5	3	1	3	5	2	2	9											31	4	3	1	2	1
ϕ = 31° 21′ N ...	26-50																																				
λ = 69° 27′ E ...	51-75																																				
H_s = 1421 metres ...	>75																																				
Hyderabad (Dn.) ...	6-25	31						2	17	8	4	29	1					2	2	2		29	1					2	2	1		22	1	2		1	
ϕ = 17° 26′ N ...	26-50																		8	8									9	9							
λ = 78° 27′ E ...	51-75																		4	2									3	2							
H_s = 555 metres ...	>75																																				
Jubbulpore ...	6-25	31		1			1	3	7	1	18	26	2		1			3	2			22	2	1	1			1	1	2		13	2		1	1	
ϕ = 23° 10′ N ...	26-50													1	1			2	6	4					1				6	4				1		
λ = 79° 57′ E ...	51-75																		4										2	1						
H_s = 402 metres ...	>75																																				
Lahore ...	6-25	31		1	2	4					24	31			2	3	6	4	3	3		31			2	2	10	5	4	2		26	5	1	2		
ϕ = 31° 35′ N ...	26-50															1	5	2	1								1	1	3							
λ = 74° 20′ E ...	51-75													1										1													
H_s = 221 metres ...	>75																																				
Madho Sagar (Gwalior).	6-25	21	1		2			12	4	2		19	1		1					1		19	1		1					1		15	3	1		2	
ϕ = 26° 13′ N ...	26-50															1	1		8	3						2			6	7			3		1	
λ = 78° 08′ E ...	51-75																		2	1									1							
H_s = ...	>75																																				
Madras ...	6-25	31						7	3	1	21	30					1	4		1		30				1	1		2	2	1	30		2	2		1
ϕ = 13° 04′ N ...	26-50																	4	15	1							1		12	4						
λ = 80° 15′ E ...	51-75																		3	1									5	1						
H_s = 13 metres ...	>75																																				
Malegaon ...	6-25	31						1	12	5	13	30						1	10	4	1	30	2					2	7	2		20					1
ϕ = 20° 39′ N ...	26-50																		13										14	2							
λ = 74° 32′ E ...	51-75																		1										1								
H_s = 437 metres ...	>75																																				
Mangalore ...	6-25	30	1		5	2	1	3	2	2	14	29	3				1		6	8		28	1					1	3	5		15	1				1
ϕ = 12° 52′ N ...	26-50												1						7	3			1						7	10							
λ = 74° 51′ E ...	51-75																																				
H_s = 40 metres ...	>75																																				
Peshawar ...	6-25	31	1	2						8	20	31	8	3	1		3	2	5	3	5	31	5	2	2		3	4	3	6	4	30	1	1	1	1	4
ϕ = 34° 01′ N ...	26-50																			1			1								1						
λ = 71° 35′ E ...	51-75																																				
H_s = 363 metres ...	>75																																				
Poona ...	6-25	31						19	3	2	7	31	2						4	1		31	1					1	4	2		23	1		1		1
ϕ = 18° 32′ N ...	26-50																	3	19	1								2	19	1							
λ = 73° 51′ E ...	51-75																		1										1								
H_s = 589 metres ...	>75																																				
Port Blair ...	6-25	31						18	10		1	25						3				23						7	1			18					2
ϕ = 11° 40′ N ...	26-50								2									15	4									9	3							2
λ = 92° 43′ E ...	51-75																	1	2										3							
H_s = 87 metres ...	>75																																				
Raj Samand (Kankroli)	6-25																																				
ϕ = 25° 08′ N ...	26-50																																				
λ = 73° 53′ E ...	51-75																																				
H_s = 587 metres ...	>75																																				

8·0 km. a. s. l.										Amounts of low cloud.	No. of observations with Code figures.										No. of observations with Code figures.										STATION.
n	N	NE	E	SE	S	SW	W	NW	C		0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
1	5	1	3				1	5		1 — 10			2		1		4	2	10	12						1	17	9	4		Agra
	2		1	1				1																							
			1							9 or 10			1							17											
3		2	2			1	1	1		1 — 10				1	3	8	4	8	2	5						1	30				Ahmedabad
						1																									
										9 or 10						4	1	1	1	23											
3			1	1	1			2		1 — 10		4	9	3	9		4			2					1		19	10	1		Bangalore
							1																								
										9 or 10		4	9	2	7		1			29											
9			3	2					1	1 — 10			1	1	2	8	7	4		8						1	3	27			Bhuj
	1	1	1																												
										9 or 10			1		1	2	5	2		19											
3			1	2	5	2	2			1 — 10			2	3	10	5	8			3					2	9	15	5			Chittagong
				1																											
										9 or 10			2	3	7	2	1			27											
3			3	1	3					1 — 10				4	23				1	3						1	30				Dacca
						1																									
										9 or 10				1	1					22											
1	2		1	1		3	3	8	1	1 — 10									1	30				1	5	6	13	6			Fort Sandeman
							3	9																							
										9 or 10									1	2											
7			1		1	1	1	3		1 — 10					10	2	3	2	4	10							1	19	11		Hyderabad (Dn.)
							6	2																							
							1	1		9 or 10					6	1	1	2		22											
7	1						2			1 — 10				2	8	8	2	5	2	4					1	3	8	17	2		Jubbulpore
			1																												
										9 or 10				2	7	2				25											
4	4	1	1	1		1	2	5	2	1 — 10						1	1	5	6	18						1	5	24	1		Lahore
	4	1					1	1																							
										9 or 10										4											
3	5			1			1	2		1 — 10				3		5	1	5	4	3						1		14	16		Madho Sagar (Gwalior)
	3			1																											
										9 or 10				2				1		14											
3		1	2	1	1	3	2	2		1 — 10						1	2	2	4	22								7	24		Madras
						4	8	1																							
							1			9 or 10							1			21											
5		1	1		3	2	4	2	2	1 — 10						5	10	12	2	2						2	3	18	8		Malegaon
										9 or 10						2	6	3	1	25											
3			1					1	2	1 — 10					1	10	16	1	1	2					2	8	15	6			Mangalore
	1						2	1																							
										9 or 10					1	6	2			23											
5					1	1	8	11		1 — 10					1	2	1	2	6	19						2	7	9		13	Peshawar
							2	2																							
										9 or 10					1					5											
0	1	1						2	1	1 — 10						27	3	1								2	6	20	3		Poona
							3	2																							
										9 or 10						7				25											
1				1	1	4	2			1 — 10					18	12				1				1		5	12	13			Port Blair
					1	1	1																								
										9 or 10					4					31											
										1 — 10																1	8	22			Raj-Samand (Kankroli)
										9 or 10																					

STATION.	Speed limits (km./hr.).	Surface.										0·5 km. above Surface.										1·0 km. a. s. l.										2·0 km. a. s.						
		n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	S
Sambalpur ...	6-25	31		1				4	3		23	28		1		1	2	7	3	2	3	24		1		1	1	2	4	1	2	15	2	1				
ϕ =21° 28′ N ...	26-50														1			5	3						1			2	8	1				1			
λ =83° 58′ E ...	51-75																																					
H_s=153 metres ...	>75																																					
Tezpur ...	6-25	31		2			1	3	1		24	26		2	1	1	2	9	2	1	1	24	1		3		5	3	4	1		13		1	3			
ϕ =26° 37′ N ...	26-50																	1	6						1			1	4					2			
λ =92° 47′ E ...	51-75																												1									
H_s=76 metres ...	>75																																					
Trichinopoly ...	6-25	31							13	13	5	31						1	4			31						2	3	1		29		2				
ϕ =10° 49′ N ...	26-50																	1	10									1	13	4								
λ =78° 42′ E ...	51-75																		15										6									
H_s=88 metres ...	>75																												1									
Trivandrum ...	6-25	31	17							12	2	29							2	9		23							3	2		20						
ϕ = 8° 31′ N ...	26-50																		4	12									4	17								
λ =77° 00′ E ...	51-75																			2										2								
H_s=78 metres ...	>75																																					
Vizagapatam ...	6-25	31						8	8	6	9	31						5	4		1	31					1	4	4	7	1	27	1			1	1	
ϕ =17° 42′ N ...	26-50																	8	12									4	6								
λ =83° 18′ E ...	51-75																		1									1	3								
H_s=56 metres ...	>75																																					

TABLE

Allahabad *(Bamrauli)	6-25	31	1	2	6	1		8	6		7	26	1	1	3	2		5	4	1		22		1	2	1			3	5		15	1	2				
ϕ =25° 26′ N ...	26-50														2	1			5						2	1			3	2				1	2	1		
λ =81° 50′ E ...	51-75																								1					1								
H_s=111 metres ...	>75																																					
Bahrein ...	6-25	31			2	5		3	3	3	10	29	4	1	2	1	5	2	1	4		30	5	3	2	4	1	1	1	1	2	30	3	7	4	1	1	
ϕ =26° 14′ N ...	26-50												4	1		2	1			1			4	1				1		1			5	1					
λ =50° 35′ E ...	51-75												1										2															
H_s=14 metres ...	>75																																					
Bombay (Juhu) ...	6-25	31	1	1				14	2	6	6	28	2				1	3	4	2		20	1						5	1	1	6			1			
ϕ =19° 17′ N ...	26-50									1								2	9	3							1	2	5	2								
λ =72° 50′ E ...	51-75																		1	1									2									
H_s=5 metres ...	>75																																					
Calcutta (Dum Dum)	6-25	31			2	11	3	6		1	8	31	1	1	1	2	5	6	3	1		28		1		2	3	6	4	1	1	12			1	2	2	
ϕ =22° 38′ N ...	26-50													1		1	1	7		1						4	1	2	1	2								
λ =88° 27′ E ...	51-75																																					
H_s= ...	>75																																					
Gaya ...	6-25	31		1	7	3	1	9	3	1	6	28	1	1	2	3	3	3	7	2		23		1	4	1	2	2	4	2		16	1	1	3	3		
ϕ =24° 49′ N ...	26-50														2	1			3						2	1			2	1					1	1		
λ =85° 01′ E ...	51-75																									1												
H_s=117 metres ...	>75																																					
Gwador ...	6-25	31			3	7	5	5	3		8	31		1	1	6	5	14	2	1	1	11	3	2	1		1		2	2		9	1		1			
ϕ =25° 08′ N ...	26-50																																2	3	1			
λ =62° 19′ E ...	51-75																																					
H_s=10 metres ...	>75																																					
Jacobabad ...	6-25	31			4	7	1				19	31		1	4	3	10	8	1	1	1	31	3	2	4	5	7	4	1		2	30	8	8	3			
ϕ =28° 17′ N ...	26-50														2									1	1												
λ =68° 29′ E ...	51-75																								1												
H_s=66 metres ...	>75																																					
Jodhpur ...	6-25	31		1		1		17	5			31			1			5	3	2	1	28						1	2	1	1	16		4	4	1	3	
ϕ =26° 18′ N ...	26-50							6	1						1	1		13	3						2	1		16	2				1	1			
λ =73° 01′ E ...	51-75																	1											2								
H_s=232 metres ...	>75																																					
Karachi (Drigh Road)	6-25	31		1				5	7	2	2	30		1	2				4			15		1	1			1		2		6	2					
ϕ =24° 54′ N ...	26-50							5	8	1				1				1	13	1				2				1	6	1				1				
λ =67° 11′ E ...	51-75																		6										1					1				
H_s=30 metres ...	>75																		1																			
New Delhi ...	6-25	31			1	8			4	2	7	31			1	5	3		5	3		31	2		1	4	1	1	2	3		29	4	2	3	1	1	
ϕ =28° 39′ N ...	26-50							1	8						1	3			6	2					1	5			5	4			2		3	2		
λ =77° 15′ E ...	51-75																		2											2								
H_s=227 metres ...	>75																																					
Sharjah ...	6-25	31		1	2	10	4	6		1	7	31		2	1	7	9	8	2			31	2	2	4	4	4	1	5	4	1	31	7	5	4	2		
ϕ =25° 20′ N ...	26-50														1	1	2	3								1	2		1				1		1	2		
λ =55° 24′ E ...	51-75																																					
H_s=13 metres ...	>75																																					

*The pilot balloon observatory shifted to Bamrauli on 16-8-1938 from its old site at Chatham Lines (ϕ=25° 26′N, λ=81° 50′E)

3-0 km. a. s. l.										Amounts of low cloud.	No. of observations with Code figures.										No. of observations with Code figures.										STATION.
n	N	NE	E	SE	S	SW	W	NW	C		0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
10	1	1	1 1			2	2 1	1		1 — 10					11	13	2	2		3						1	5	7	18		Sambalpur
										9 or 10					5	1	2			23											
1			1							1 — 10			6	3	3	4	7	2	6								5	23	3		Tezpur
										9 or 10			5	2	1	2	3			26											
27		2	1			3 1	7 7	3 3		1 — 10							1	1	5	24								13	12	6	Trichinopoly
										9 or 10										17											
10						1	1 2 1	4 1		1 — 10						23			3	5						7	22	2			Trivandrum
										9 or 10						1			3	15											
17				1		2 1 1	4 1	6 1		1 — 10					1	1	8	2	2	17							5	26			Vizagapatam
										9 or 10									1	15											

5			1	1		1	1	1		1 — 10					14	9	1	3	1	3						4	12	15			Allahabad (Bamrauli)
										9 or 10					5					19											
21	4 3	4	3 1			1		1 2 1	1	1 — 10						1			1	29					1	3	22	5			Bahrein
										9 or 10																				
3					2			1		1 — 10					5	17	6	1		2						2	12	17			Bombay (Juhu)
										9 or 10					1	4	1			25											
2			1			1				1 — 10					12	17	1	1							2	3	26				Calcutta (Dum Dum)
										9 or 10										24											
11		2	1 1	1		1	1 1	2	1	1 — 10					8	12	4			7					1	1	2	27			Gaya
										9 or 10					3	2	1			22											
6	1	1 4								1 — 10					12	16				3						7	23	1			Gwador
										9 or 10					9	9				19											
28	3 5	5 3		2			2	5 1	2	1 — 10										31						1	9	21			Jacobabad
										9 or 10										2											
13		3 2	4 1	2		1				1 — 10					4	8	10		1	8						1		26	4		Jodhpur
										9 or 10					1	3	6			20											
4	2	1 1								1 — 10					10	19	1			1						1	13	13	4		Karachi (Drigh Road)
										9 or 10																				
22	1	2	1 2	1 2	1		4	6 2		1 — 10						3	3	9	1	15							31				New Delhi
										9 or 10										6											
24	3	4 2	4 3 1	2 1	1 1	1		1		1 — 10						2				29						1	7	23			Sharjah
										9 or 10																				

STATION.	Speed limits (km./hr.).	Surface.										0·5 km. above Surface.										1·0 km. a. s. l.										2·0 km. a. s. l.						
		n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW
Agra ...	6-25	31	4	1	2	4		3	5	3	9	31	2	1	4	3		3	8	4	1	31	2		4	2	1	4	6	4		29	1	2	2	1	1	3
	26-50												1		1			2	1				3			1		1	1				2		3	3		
	51-75																																						
	>75																																						
Ahmedabad ...	6-25	31					1	13	4	3	10	31					3	8	11	3		31					3	5	12	1		27			1		3	8
	26-50																1	4	1									7	3									5
	51-75																																						
	>75																																						
Allahabad ...	6-25	31		3	4	1		3	7	4	9	29			6		4	1	5	5	2	24		1	6	2	2		4	1	1	16		1		3	2	
	26-50												1		3				2						2				1							2		
	51-75																																						
	>75																																						
Bahrein ...	6-25	31	9	7	8					4	2	31	5	2		8	2	1		3	3	31	2	3	4	1	2		4	3		30	2	3	2	1		
	26-50		1										4							1			3	1					2				2	1	1			
	51-75												2										2										1						
	>75																						1																
Bangalore ...	6-25	31		1				9	9	5	3	31		1				4	9	4	1	30						4	13	4	3	21			2			
	26-50								3	1									12										6									
	51-75																																						
	>75																																						
Bhuj ...	6-25	31						18	8		2	30					1	5	3			28					2	6	5			10		1		1	1	2
	26-50							3									1	10	7	1								4	7								
	51-75																	1										1	2								
	>75																	1										1									
Bombay (Juhu) ...	6-25	31						12	9	10		29	2					1	5	1		24		1				1	5	1		12			1	1	1	2
	26-50																	2	13	4									13	3							
	51-75																		1																		
	>75																																						
Calcutta (Dum Dum)	6-25	31				13	8	8		1	1	31				7	5	5		1	1	28				7	3	4	3	1		22			1	2	4	7
	26-50															3	4	4		1					1	4	1	3		1					1	2		2
	51-75																																						
	>75																																						
Chittagong ...	6-25	31				5	3	19	1		3	31					4	12				29		1	1	3	7	3	1			24			1	2	3	6	4
	26-50																9	4								1	5	6								2	1	2
	51-75																2										1											
	>75																																						
Dacca ...	6-25	31			2	8	7	8			6	29			2	3	10	4			2	25			1	4	5	2	1		2	14				3	4	2
	26-50															2	4	2							1	2	4	3							1	2		2
	51-75																																						
	>75																																						
Fort Sandeman ...	6-25	31	2	1			1	1	2	2	22	31	3	3	2	1	2	4	3	8	5											31	3	4			4	3
	26-50																																						
	51-75																																						
	>75																																						
Gaya ...	6-25	31	2	6	4	3	1	1	3	3	7	29		2	5	4			3	8	3	27		1	2	4	2		4	5	2	18		1	1	2	1	
	26-50					1									2	2									1	4			1	1						5		
	51-75																																						
	>75																																						
Gwador ...	6-25	31				6	13	11			1	31			1	5	12	10	2			20	3	3	4	2		3	1	3	1	20	2	6	2			
	26-50																		1														3	3				
	51-75																																						
	>75																																						
Hyderabad (Dn.) ...	6-25	31					1	1	11	13	4	31	1				2	1	3	6		31	1				2	1	3	6		15				1	3	
	26-50								1									1	13	4								1	11	6								
	51-75																																						
	>75																																						
Jacobabad ...	6-25	31		2	3	7		1		1	17	31	1	1	2	5	19				1	31		2	2	6	10	6	1	2	2	30	5	4	5	1		
	26-50															1	1																1	1	2			
	51-75																																						
	>75																																						
Jodhpur ...	6-25	31				2	5	16		1		31			2	1		12	3			31	1	1	1	1	1	11		2		20		2	3	2	5	3
	26-50							7										12										12					1		2			
	51-75																	1										1										
	>75																																						
Jubbulpore ...	6-25	31	1			1		4	9	7	9	28	2		1		1		7	7	1	25	3		1			1	4	7	2	13		1	2	1		
	26-50															1				1							1			5	1					1		
	51-75																																						
	>75																																						
Karachi (Drigh Road) ...	6-25	31			1	1		3	1	1		31			1	1			1	1		23		4	1	1		1	8	1		10	3	1	1			1
	26-50							17	7					1			1	8	14					2				1	2	1				2	1			
	51-75																		8											1								
	>75																																						

3·0 km. a. s. l.										Amounts of low cloud.	No. of observations with Code figures.										No. of observations with Code figures.										STATION.
n	N	NE	E	SE	S	SW	W	NW	C		0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
18	2 3	3		2	1			1	3 1	2	1 — 10						4		3	11	10	3							12	19			Agra
											9 or 10										14										
12		1	1	1	2 1	2	2		1		1 — 10						4	12	12	1	2							10	21			Ahmedabad
	1										9 or 10						2	7	1		22										
7	1		1	1			2	2			1 — 10			1	1	8	6	9	4	1	1						5	6	20			Allahabad
											9 or 10			1	1	3	1				20										
17	4 1 1	3 1	1		1	1	1	2	1		1 — 10									1	30						1	6	22	2		Bahrein
											9 or 10																				
10			1		1		4 1	1 1			1 — 10						8	17	6									19	12			Bangalore
							1				9 or 10						4		1		20										
1				1							1 — 10					4	14	12	1								2	29			Bhuj
											9 or 10						3	1	1		14										
7			1		1	3	1	1			1 — 10					2	20	6			3							7	24			Bombay (Juhu)
											9 or 10					1	1	1			24										
3			1				1		1		1 — 10					4	23	4								1	30				Calcutta (Dum Dum)
											9 or 10					2	1				23										
19			3	6 2	1	3	3 1				1 — 10					13	18									1	7	17	6		Chittagong
											9 or 10					3					26										
7				4	1	1	1				1 — 10					12	14	8	2									31				Dacca
											9 or 10					1					16										
31	2 1	4		1	4	3 1	4	3	8		1 — 10								8	14	9						3	18	9	1		Fort Sandeman
											9 or 10										2										
6		1 1	1	1			1	1			1 — 10					5	17	8			1							9	28			Gaya
											9 or 10										20										
12	3 1	1 6							1		1 — 10					10	9				12						6	23	2			Gwador
											9 or 10					4	1				8										
11				1	2	2	2 1	1			1 — 10					1	6	5	7	12					1			3	3	18	6	Hyderabad (Dn.)
							1	1			9 or 10						3	1			24										
24	6 2	3 1	2 2			2	1	3 2			1 — 10							1		5	25						1	9	21			Jacobabad
											9 or 10										1										
17	1	6 2	3 1	1		3					1 — 10						1	15	8		7							23	8			Jodhpur
											9 or 10							3	1		12										
5		1	1 1				2				1 — 10					8	7	4	11	1						1	2	10	12	6		Jubbulpore
											9 or 10					5	1				18										
4		2	1 1								1 — 10					1	22	8										12	12	7		Karachi (Drigh Road)
											9 or 10					1	9	1			14										

STATION.	Speed limits (km./hr.).	Surface.										0·5 km. above Surface.										1·0 km. a. s. l.										2·0 km. a. s. l.							
		n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W
Lahore ...	6-25	31	2	2		5	3		1	3	15	31	2		1	12	3	4	3	2	4	31	1		4	6	8	4	5	2	1	31	3	1	1	2	2	8	7
	26-50																																			2		2		
	51-75																																							
	>75																																							
Madho Sagar (Gwalior).	6-25	31		1	5	1		4	13	3	3	31	1	1	4		1		9	7		30	3		4		1		6	7		20	3		2	1	1		5
	26-50				1								1		3				3	1			1		3					4					1				
	51-75																								1															
	>75																																							
Madras ...	6-25	31			6	9		5	3	4	4	31	2		5	1	3	3	6	2		31	2				3	4	9	3	1	28		2	1			4	4
	26-50																2	1	6									2	6	1								1	11
	51-75																																							
	>75																																							
Malegaon ...	6-25																																							
	26-50																																							
	51-75																																							
	>75																																							
Mangalore ...	6-25																																							
	26-50																																							
	51-75																																							
	>75																																							
New Delhi ...	6-25	31	2	4	4	5	1	4	2	2	4	31	3	2	3	2		3	4	2	4	31	1	1	5	2	1	3	5	5	3	28	5		1	3		3	5
	26-50								2	1				1	2	1			2	1					1	1			1	2					1	1			
	51-75														1																					1				
	>75																																							
Peshawar ...	6-25	31	1	22	1	2					5	31		1	16	7	1				5	31		1	11	8	2			8	31			1	1	4	11	10
	26-50												1										1														1		
	51-75																																							
	>75																																							
Poona ...	6-25	31						13	7	4	2	30		1				1	8	1		30		1				1	8	1		15		1			1	3	1
	26-50							4	1									1	15										18	1								7
	51-75																		3																				2
	>75																																							
Port Blair ...	6-25	31					1	10	9	2		25						6				21						7				9				1	2	2
	26-50							4	5								1	11	5									7	4								4	
	51-75																		1									1	2									
	>75																		1																				
Raj-Samand (Kankroli)	6-25	31	1	1		3		13	1	2	10	30	2		1	2	4	15		1	1	30	1		1	3	2	14	2	2	1	28	1	1	2	4	1	5	2
	26-50									1								3		1								3		1			1	1				2	3
	51-75																																							
	>75																																							
Sambalpur ...	6-25	31			1		8	9	3		10	29		2	2	2	2	12	3		2	29		1	3		2	5	6	1	1	18	1	3	2			3	
	26-50																	2	2					1	1	1		2	4						2				4
	51-75																																					1		
	>75																																							
Sharjah ...	6-25	31	5	2		1			2	19		31	1	2	1		1	4	7	10	1	31	2		3	4	5	1	3	3	5	29	2	5	9	3	2		1
	26-50		1							1					1	1			1	1					3		1	1						1	1	1	2		
	51-75																																							
	>75																																							
Tezpur ...	6-25	31		2	4		2	8	2		13	31	1	4	3		4	4	5		4	29		2	3	1	3	8	3		4	23		2	4	1	2	5	1
	26-50														2		1	3							3			1	1					1	2			2	2
	51-75																																							
	>75																																							
Trichinopoly ...	6-25	31	1				1	6	4	17	2	31					1	3	17			31				1		4	8		1	29		1			2	3	4
	26-50																		8										14									3	9
	51-75																		2										3										4
	>75																																							
Trivandrum ...	6-25																																							
	26-50																																							
	51-75																																							
	>75																																							
Visagapatam ...	6-25	31				1	7	20	2		1	31				1	1	6	8	1		31				1	2	5	9	2		29	1		1			3	5
	26-50							1	7								1	7	6									3	9								3	8
	51-75																																							
	>75																																							

TABLE 8—FREQUENCY OF LOW CLOUD HEIGHTS (AFTERNOON)

TABLE 9—FREQUENCY OF VISIBILITY (AFTERNOON)

eed its n./).	3·0 km. a. s. l. n	N	NE	E	SE	S	SW	W	NW	C	Amounts of low cloud.	No. of observations with Code figures. 0	1	2	3	4	5	6	7	8	9	No. of observations with Code figures. 0	1	2	3	4	5	6	7	8	9	STATION.
-25	21	1	1	1	1		2	5	8	1	1 — 10							1	13	7	10							3	24	4		Lahore
-50									1																							
-75											9 or 10								2		5											
>75																																
-25	11			1				2	4	1	1 — 10					3	4	17	6	1							1	9	21		Madho Sagar (Gwalior)
-50		1				1			1																							
-75											9 or 10					2	1	1			23											
>75																																
-25	17			4		1	4	1			1 — 10							2	8	12	9								1	30		Madras
-50							1	6																								
-75											9 or 10									2	21											
>75																																
-25											1 — 10															1	1	5	19	5		Malegaon
-50																																
-75											9 or 10																					
>75																																
-25											1 — 10																2	9	20			Mangalore
-50																																
-75											9 or 10																					
>75																																
-25	18	2	1		2		1	3	4		1 — 10							7	16	5	3						1	2	28			New Delhi
-50									5																							
-75											9 or 10							1			13											
>75																																
-25	29	1					2	11	8		1 — 10					1		4	8	7	11						2	7	9	1	12	Peshawar
-50								6	1																							
-75											9 or 10										3											
>75																																
-25	4		1		1	1				1	1 — 10						19	11		1						2	2	18	9		Poona
-50																																
-75											9 or 10						2				25											
>75																																
-25	1						1				1 — 10					22	9									4	5	11	11			Port Blair
-50																																
-75											9 or 10					7					30											
>75																																
-25	8	1	2	1	3	1					1 — 10					1	5	17	8									2	28	1		Raj Samand (Kankroli)
-50																																
-75											9 or 10						1		1		14											
>75																																
-25	8	1	1	1	1		2			2	1 — 10					3	8	16	4									5	4	22		Sambalpur
-50																																
-75											9 or 10					1	3	1			26											
>75																																
-25	24	1	7	4	2	1	1		2	3	1 — 10								3	10	18						1	10	20			Sharjah
-50				1		1		1																								
-75											9 or 10										1											
>75																																
-25	15			5	1	1	4			3	1 — 10						2	7	6	16									1	23	7	Tezpur
-50				1																												
-75											9 or 10						2	2			14											
>75																																
-25	20	1				1	2	7	2		1 — 10							6	20	2	3								1	26	4	Trichinopoly
-50							1	4	1																							
-75							1				9 or 10										15											
>75																																
-25																											2	8	18	1		Trivandrum
-50																																
-75																																
>75																																
-25	24				1		5	5	2	2	1 — 10					2	6	6	10	3	4							2	29			Vizagapatam
-50							2	6																								
-75								1			9 or 10										18											
>75																																

STATION.	Speed limits (km./hr.).	Surface.										0·5 km. above Surface.									
		n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C
Allahabad (Bamrauli)...	6-25	31	1	1	5		1	7	3		13	28			5	1	1	2	5	1	
	26-50													1		4			5		
	51-75													1					2		
	>75																				
Bahrein ...	6-25	31	1		2	3		2	6	2	15	30	6		2	6	1	1	1	3	4
	26-50												4							1	
	51-75												1								
	>75																				
Bombay (Juhu) ...	6-25	31		1				15	4	5	5	30	1					4	5	2	1
	26-50							1										3	12	1	
	51-75																		1		
	>75																				
Calcutta (Dum Dum) ...	6-25	31		1	2	4	3	13	1	2	5	29			2	1	6	6	2	2	
	26-50														1	2		7			
	51-75																				
	>75																				
Gaya ...	6-25	31		1	7	2		6	2	1	12	31			1	4	4	6	9		2
	26-50														2	1			2		
	51-75																				
	>75																				
Gwador ...	6-25	31			1	3		5	2		20	31	1		2	2	7	13	4		1
	26-50																		1		
	51-75																				
	>75																				
Jacobabad ...	6-25	31		1		14	4	1		1	10	31		2	3	1	6	14			
	26-50															1		4			
	51-75																				
	>75																				
Jodhpur ...	6-25	31	1		1		1	21	2		3	31		1	1			3			
	26-50							2								1		14	7		
	51-75																	4			
	>75																				
Karachi (Drigh Road)...	6-25	31						13	6	2	5	30	1	1	1			2	2	1	
	26-50							2	1	2				1				1	18		
	51-75																		2		
	>75																				
Madho Sagar (Gwalior).	6-25	10	1					4	1	2	2	10	2		1			1			
	26-50													1	1				3	1	
	51-75																				
	>75																				
New Delhi ...	6-25	31			3	9		4	5	1	6	30			1	7	1	2	3	1	
	26-50								3							4			7	3	
	51-75																		1		
	>75																				
Raj Samand (Kankroli).	6-25	31				2	1	13	2	2	11	30	3	1		1	1	5	8	3	
	26-50														1			3	4		
	51-75																				
	>75																				
Sharjah ...	6-25	31	1	2	6	11			1	1	8	31	2		5	6	1	1	1	9	6	1
	26-50				1									1	2	2	1	1			
	51-75																				
	>75																				

STATION.	Speed limits (km./hr.).	1·0 km. a. s. l.										2·0 km. a. s. l.									
		n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C
Allahabad (Bamrauli)...	6-25	26	1	1	4	1		3	3	2		16	1		1	1	1		1		
	26-50			2		3			6					2	1				3		
	51-75																				
	>75																				
Bahrein ...	6-25	30	7	3	2	1	3	1	2	2		22	3	3		1			1		
	26-50		6							2			4	1							
	51-75		1																		
	>75																				
Bombay (Juhu) ...	6-25	20		1				2	4	1		2									1
	26-50							3	6	1											1
	51-75								2												
	>75																				
Calcutta (Dum Dum) ...	6-25	28			1	2	2	3	4	2		9				3	1			1	
	26-50				1	2	2	4	4	1					1		1				2
	51-75																				
	>75																				
Gaya ...	6-25	30		1	2	5		3	10	1	2	17			2	3	1	4	1		
	26-50				1	3			2						1				1		
	51-75																				
	>75																				
Gwador ...	6-25	17	1	1	2	2	2	2	5		2	13	5	3	1						
	26-50												1	1	1						
	51-75																				
	>75																				
Jacobabad ...	6-25	31	1	2	2	1		10	4	1	7	31	3	4	3	2		4	7		
	26-50			1	2																
	51-75																				
	>75																				
Jodhpur ...	6-25	31		1		1	1	5	4			27		2	8	2	4	4	1		
	26-50				1	1		6	3					2	2			1			
	51-75							8													
	>75																				
Karachi (Drigh Road)...	6-25	14		1	1		1	2	3			6		1				1			
	26-50			3					2					2	2						
	51-75								1												
	>75																				
Madho Sagar (Gwalior).	6-25	9	1		1			1		1		2		1							
	26-50			1	1				3												
	51-75																				
	>75																				
New Delhi ...	6-25	30			2	7	1		6	2		27	6	1	4	1	1			1	
	26-50					3			5	4						4					
	51-75																				
	>75																				
Raj Samand (Kankroli).	6-25	30	1	1	1	1	1	5	8	5		21	1	2	5	2	3	1	2		
	26-50							5	2					1	1						
	51-75																				
	>75																				
Sharjah ...	6-25	31			4	3		5	6	1		29	2	2	4	5	2	2	2		
	26-50				1			1	1						1	1		2			
	51-75																				
	>75																				

Speed limits (km./hr.)	3·0 km. a. s. l. n	N	NE	E	SE	S	SW	W	NW	C	Amounts of low cloud.	No. of observations with Code figures. 0	1	2	3	4	5	6	7	8	9	No. of observations with Code figures. 0	1	2	3	4	5	6	7	8	9	STATION.
6-25	4	1		1			1				1 — 10					5	4	7	7	2	6						2	22	7			Allahabad (Bamrauli)
26-50					1																											
51-75											9 or 10					4					14											
>75																																
6-25	10		4				1		2		1 — 10										31					1	1	26	3			Bahrein
26-50		1	2																													
51-75											9 or 10																					
>75																																
6-25											1 — 10					4	26				1						11	17	3			Bombay (Juhu)
26-50																																
51-75											9 or 10					2	7				20											
>75																																
6-25	1										1 — 10					9	12	1	1		8					2	28	1			Calcutta (Dum Dum
26-50				1																												
51-75											9 or 10					2					16											
>75																																
6-25	14			2	3			3	1	2	1 — 10				1	5	9	3			13							9	22			Gaya
26-50					1			2																								
51-75											9 or 10										14											
>75																																
6-25	8		1								1 — 10				1	10	15				5						14	17				Gwador
26-50		1	5																													
51-75			1								9 or 10					5	7				13											
>75																																
6-25	28	6	5	2	1	1		3	3	1	1 — 10									2	29						1	11	19			Jacobabad
26-50		2	1						3																							
51-75											9 or 10										4											
>75																																
6-25	19	1	5	2	1	1	2				1 — 10					1		5			25								31			Jodhpur
26-50			4	1	1	1																										
51-75											9 or 10					1		1			8											
>75																																
6-25	2										1 — 10					16	8	3		1	3						1	19	11			Karachi (Drigh Road
26-50			1																													
51-75			1								9 or 10					13	3	1			20											
>75																																
6-25	1				1						1 — 10					1	3	2	1	2	1								5	5		Madho Sagar (Gwalior
26-50																																
51-75											9 or 10						1				5											
>75																																
6-25	18	1	2	4	3		1		4		1 — 10							1	3	1	26							6	25			New Delhi
26-50					1				2																							
51-75											9 or 10								2		6											
>75																																
6-25	11	1	2	3		2	1				1 — 10					2	10	13			6						23	3				Raj Samand (Kankroli
26-50			1	1																												
51-75											9 or 10					2	2				12											
>75																																
6-25	26	2	6	7	2	1	2	1	2	1	1 — 10						2				29					2		10	19			Sharjah
26-50				1	1																											
51-75											9 or 10																					
>75																																

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INDIA WEATHER REVIEW, 1938

Monthly Weather Report

September

Published by authority of the Government of India

Summary.—By the middle of the month the monsoon was retreating from the country and thunderstorms characteristic of the transition period were the main feature of the weather. A cyclonic storm developed in the Bay of Bengal during the last week and crossed coast near Masulipatam. Rainfall was in large defect in northwest India.

By about the beginning of the second week the monsoon had retreated from northwest India. Under the influence of two shallow lows which appeared in quick succession over Bengal, the monsoon remained fairly strong in northeast India and the east United Provinces during the first week. Then there was a general weakening of the monsoon, and thunderstorm activity was pronounced in the Peninsula and northeast India. During the last week a deep depression formed over the central Bay of Bengal, and moving in a westerly direction, intensified into a cyclonic storm, with centre about 250 miles east of Masulipatam on the morning of the 28th. Crossing the coast, the storm weakened into a depression, which was over the Deccan at the end of the month. The associated rainfall was fairly widespread over the Peninsula and the adjoining areas to the north.

Unusually warm weather was experienced over northwest India outside Kashmir, and in Central India and the United Provinces during the latter half of the month and in the east and north Punjab during the whole month. Low day temperatures prevailed over the Peninsula on the 23rd, 24th, 28th and the 29th.

The total rainfall of the month was in large excess in the east United Provinces, the Bombay Deccan and the north Madras coast, in slight to moderate excess in the Bay Islands, Assam, the Konkan, north Hyderabad, Malabar and the Madras Deccan, normal in Bengal, Bihar, the southwest Punjab, the east Central Provinces, south Hyderabad and Mysore, in slight to moderate defect in Orissa, Chota Nagpur, Kashmir, Berar and southeast Madras and in large defect elsewhere. Averaged over the plains of India the month's rainfall was in defect by 14 per cent.

The mean maximum temperature was above normal in the west United Provinces, the Punjab, the North-West Frontier Province, Rajputana and Central India and below normal in Kashmir and the Madras Deccan.

The mean relative humidity was in excess in the Madras Deccan and in defect in the west United Provinces, the east and north Punjab, the North-West Frontier Province, east Rajputana and west Central India.

The mean cloud amount was above normal in Orissa, the east Central Provinces, Hyderabad, southeast Madras and the Madras Deccan and below normal in the Punjab, the North-West Frontier Province and Rajputana.

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Table I contains the divisional and sub-divisional means of rainfall, temperature, humidity and cloud for the 16 chief political divisions and the 33 sub-divisions; these means are based on the observations at the stations whose monthly mean data are given in the subsequent tables.

POONA No. 5:
The 29th November 1938.

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

	RAINFALL.				DEPARTURE FROM NORMAL OF				
							8 hrs. L. M. T.		
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Vapour pressure.	Relative humidity.	Cloud.
1	2	3	4	5	6	7	8	9	10
Division	"	"	"		°	°	"	%	
1. Burma ...	16·01	15·77	+0·24	+ 2	−0·5	+ 0·5	−·011	0	+1·3
2. Assam ...	12·27	10·81	+1·46	+ 14	−0·1	+ 0·5	+·005	0	+1·1
3. Bengal ...	11·40	11·31	+0·09	+ 1	+0·7	+ 1·2	+·022	− 1	+1·0
4. Orissa ...	6·75	8·99	−2·24	− 25	+0·6	+ 0·5	0	− 1	+2·0
5. Bihar ...	8·37	8·52	−0·15	− 2	+1·6	+ 0·9	+·026	− 1	+0·5
6. United Provinces.	5·99	6·72	−0·73	− 11	+2·4	+ 0·1	−·020	− 5	+0·1
7. Punjab ...	0·72	2·38	−1·66	− 70	+4·0	+ 0·4	−·076	−11	−1·1
8. North-West Frontier Province.	0·05	0·66	−0·61	− 92	+2·0	− 0·3	−·100	−13	−0·9
Sub-division									
1. Bay Islands ...	21·53	17·18	+4·35	+ 25	−0·2	+ 0·1	+·008	− 2	+0·4
2. Lower Burma ...	21·56	20·63	+0·93	+ 5	−0·6	+ 0·4	−·005	+ 1	+1·6
3. Upper Burma ...	7·29	7·43	−0·14	− 2	−0·4	+ 0·7	−·017	− 1	+1·0
4. Assam ...	12·27	10·81	+1·46	+ 14	−0·1	+ 0·5	+·005	0	+1·1
5. Bengal ...	11·40	11·31	+0·09	+ 1	+0·7	+ 1·2	+·022	− 1	+1·0
6. Orissa ...	6·75	8·99	−2·24	− 25	+0·6	+ 0·5	0	− 1	+2·0
7. Chota Nagpur ...	7·20	8·27	−1·07	− 13	+1·4	+ 0·6	+·035	0	+0·6
8. Bihar ...	8·83	8·62	+0·21	+ 2	+1·8	+ 1·2	+·019	− 3	+0·3
9. United Provinces, East.	11·05	7·23	+3·82	+ 53	+0·6	+ 0·8	+·022	0	+0·5
10. Do. do. West.	1·65	6·27	−4·62	− 74	+4·1	− 0·5	−·061	−10	−0·3
11. Punjab, East and North.	0·56	3·69	−3·13	− 85	+5·1	+ 0·5	−·118	−16	−1·2
12. Do. Southwest.	0·91	0·86	+0·05	+ 6	+2·2	+ 0·4	−·013	− 3	−1·1
13. Kashmir ...	1·18	1·81	−0·63	− 35	−2·4	− 1·7	−·029	− 4	−0·4
14. North-West Frontier Province.	0·05	0·66	−0·61	− 92	+2·0	− 0·3	−·100	−13	−0·9
15. Baluchistan ...	0·07	0·23	−0·16	− 70	−0·9	+ 1·2	+·035	+ 4	−0·2
16. Sind ...	0	0·45	−0·45	−100	−0·3	+ 0·7	+·017	+ 2	+0·4
17. Rajputana, West.	0·19	2·46	−2·27	− 92	+4·1	+ 1·2	−·018	− 3	−0·7

	RAINFALL.				DEPARTURE FROM NORMAL OF				
							8 hrs. L. M. T.		
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Vapour pressure.	Relative humidity.	Cloud.
1	2	3	4	5	6	7	8	9	10
Division—*contd.*	"	"	"		°	°	"	%	
9. Sind ...	0	0·45	−0·45	−100	−0·3	+0·7	+·017	+ 2	+0·4
10. Rajputana ...	0·15	3·36	−3·21	− 96	+4·5	+1·2	−·052	−11	−1·0
11. Bombay ...	6·08	5·47	+0·61	+ 11	+0·1	−0·1	−·008	0	+0·4
12. Central India ...	1·63	6·03	−4·40	− 73	+3·3	+0·4	−·023	− 7	−0·5
13. Central Provinces and Berar.	5·79	7·65	−1·86	− 24	+0·8	+0·8	+·015	0	+1·0
14. Hyderabad ...	8·51	7·86	+0·65	+ 8	−1·3	+1·0	+·035	+ 5	+1·4
15. Mysore ...	5·05	5·17	−0·12	− 2	−1·1	+0·9	0	+ 1	+1·0
16. Madras ...	7·12	5·62	+1·50	+ 27	−1·6	+0·4	0	+ 1	+1·4
Mean of India (excluding Burma).	5·23	6·05	−0·82	− 14	+1·2	+0·6	+·011	− 8	+0·4
Sub-division—*contd.*									
18. Rajputana, East.	0·14	3·59	− 3·45	− 96	+4·7	+1·2	−·063	−18	−1·2
19. Gujarat ...	0·45	3·08	− 2·63	− 85	+0·9	−0·2	−·031	− 2	+0·3
20. Central India, West	1·03	5·69	− 4·66	− 82	+2·7	+0·7	−·043	− 8	−0·9
21. Do. do. East.	2·23	6·37	− 4·14	− 65	+3·9	+0·1	−·004	− 5	−0·1
22. Berar ...	4·31	5·95	− 1·64	− 28	−0·5	+0·9	+·001	+ 2	−0·7
23. Central Provinces, West.	4·17	7·71	− 3·54	− 46	+1·8	+1·1	+·017	− 2	+0·7
24. Do. do. East.	8·97	8·43	+ 0·54	+ 6	+0·1	+0·4	+·021	+ 4	+2·2
25. Konkan ...	16·07	11·54	+ 4·53	+ 39	−0·9	−0·4	+·012	+ 3	+0·1
26. Bombay Deccan...	9·52	6·01	+ 3·51	+ 58	−0·5	+0·3	+·015	+ 2	+0·7
27. Hyderabad, North	9·84	8·58	+ 1·26	+ 15	−0·8	+1·5	+·033	+ 5	+1·4
28. Do. South	7·17	7·15	+ 0·02	0	−1·7	+0·6	+·037	+ 5	+1·4
29. Mysore ...	5·05	5·17	− 0·12	− 2	−1·1	+0·9	0	+ 1	+1·0
30. Malabar ...	8·67	7·82	+ 0·85	+ 11	−0·7	+0·3	+·014	+ 2	+1·3
31. Madras, Southeast	3·61	4·26	− 0·65	− 15	−1·4	+0·8	−·024	− 1	+1·6
32. Do. Deccan...	7·81	6·20	+ 1·61	+ 26	−3·5	−0·1	+·031	+ 6	+1·8
33. Do. Coast, North	12·35	6·12	+ 6·23	+102	−1·5	0	+·014	+ 3	+0·9

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Relative humidity	
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Bay Islands																					
*Port Blair ...	59/261	29·712	−·035	29·454	84·7	− 0·2	87	5 days	76·7	+0·1	73	22	83·6	78·9	77·6	76·5	·916	+·008	·892	87	−
Lower Burma																					
Victoria Point ...	157	29·686	+·001	29·612	81·9	− 1·1	86	3	74·5	+0·3	72	27	77·3	78·7	75·5	75·9	·839	−·015	·855	92	+
Mergui ...	66	29·753	−·017	29·670	83·3	− 1·1	91	19	75·5	+2·5	74	6 days	76·7	78·3	75·6	75·7	·882	+·009	·862	95	+
Tavoy ...	19	29·786	−·029	29·708	83·7	− 0·5	89	20, 21	73·9	−0·3	72	2, 21, 22	76·8	78·9	75·4	76·3	·846	−·023	·862	94	+
Amherst ...	71	29·723	−·017	29·636	83·6		88	27	74·9		72	4, 21	78·4	79·6	76·3	76·8	·869		·885	90	
Rangoon ...	18	29·755	−·023	29·672	86·5	+ 0·6	92	11	76·6	+0·6	74	1, 2, 21	79·6	80·6	77·1	77·3	·892	−·019	·878	89	−
Tharrawaddy ...	49	29·719		29·629	87·6		92	11	76·1		73	21	79·8	80·1	78·0	77·9	·930		·923	92	
Bassein ...	20	29·750	−·010	29·669	86·1	+ 0·3	90	11, 21	76·1	0	74	4, 22, 30	79·9	80·7	78·0	77·9	·930	−·002	·916	91	−
Diamond Island ...	41	29·716	−·025	29·647	84·3	− 0·4	86	4 days	77·1	+0·6	73	24	80·3	80·5	78·7	77·6	·930	+·022	·916	90	+
Gwa ...	11	29·750		29·657	85·4		89	27	75·8		73	3, 22	79·4	81·6	76·8	77·7	·892		·903	89	
Sandoway ...	28	29·733		29·649	87·2		93	27	74·9		73	5 days	78·7	80·7	76·9	78·0	·899		·916	92	
†Toungoo ...	158																				
Kyaukpyu ...	18	29·725	−·013	29·639	84·2	− 1·8	90	26	76·6	−0·1	74	22	79·9	81·7	77·9	78·5	·930	+·012	·918	91	+
Akyab ...	29	29·713	−·013	29·635	85·3	− 1·1	90	28	76·9	−0·5	75	5 days	80·0	81·9	78·0	78·3	·930	−·023	·948	91	−
Upper Burma																					
Minbu ...	168	29·579	−·021	29·469	91·6	+ 1·3	98	11	76·6	−0·1	73	4 days	81·1	84·7	77·1	78·9	·872	−·007	·908	82	−
Yamethin ...	644	29·115	−·014	29·007	89·0	− 1·6	98	11, 12, 28	75·1	+0·4	71	22	78·0	81·7	75·5	77·1	·833	−·022	·865	89	+
Mandalay ...	252	29·502	−·019	29·377	90·6	− 0·7	95	4 days	77·0	+1·0	74	22, 30	80·3	85·8	76·2	78·5	·842	−·039	·837	82	−
Monywa ...	267	29·482	−·021	29·356	92·7	+ 0·6	98	4 days	77·5	−0·3	73	22, 24	80·5	87·2	77·5	79·5	·885	−·020	·887	87	+
Lashio ...	2,802	27·003	−·011	26·892	83·0	− 0·7	88	28	68·8	+0·8	64	26	72·4	76·6	70·0	72·4	·701	−·027	·733	88	−
Bhamo ...	386	29·341	−·036	29·227	83·5	− 1·2	98	28, 29	75·8	+1·7	73	11, 14	78·5	82·4	76·4	78·2	·869	−·011	·903	91	−
Myitkyina ...	476	29·245	−·031	29·133	88·1	− 0·5	94	27, 29	75·9	+1·2	74	6 days	78·5	83·0	76·4	78·7	·869	+·006	·928	90	−
Assam																					
Dibrugarh ...	348	29·365	−·033	29·252	87·1	+ 0·6	95	29, 30	74·8	+0·1	71	21	78·1	82·4	76·3	79·0	·869	−·004	·942	92	
Sibsagar ...	317	29·384	−·046	29·268	89·1	+ 1·5	96	15, 21, 22	76·5	+0·3	74	3 days	80·0	84·7	77·9	80·0	·930	+·014	·961	90	−
Tezpur ...	258	29·452	−·039	29·333	88·7	+ 0·1	94	29, 30	76·6	+0·1	73	30	79·5	83·9	77·5	79·6	·899	−·005	·968	91	
Gauhati ...	196	29·517	−·034	29·408	89·3	− 0·2	93	11, 12, 30	77·1	+0·7	74	30	80·7	84·4	78·3	79·9	·923	+·005	·961	89	+
Dhubri ...	115	29·598	−·026	29·491	85·9	+ 0·4	89	7 days	78·3	+1·1	75	4 days	80·9	83·2	78·7	79·5	·962	+·041	·942	90	−
Silchar ...	96	29·632	−·024	29·519	88·3	− 1·5	98	28	76·2	0	71	22	79·2	84·0	77·4	79·7	·899	−·025	·961	92	+
Srimangal ...	69	29·643	−·041	29·542	89·0	− 1·8	95	28, 29	76·1	+1·1	70	22	80·0	82·8	77·9	80·1	·930	+·009	·988	91	+
Bengal																					
Cox's Bazar ...	38	29·687	−·017	29·600	86·0	− 0·5	90	27	76·3	+0·5	72	27	80·4	82·4	78·1	78·6	·923	−·004	·942	90	+
Chittagong ...	87	29·644	−·012	29·550	87·2	+ 0·3	93	27, 28	76·6	+0·3	73	19, 20, 23	80·2	81·9	77·5	78·9	·892	−·031	·948	89	
Noakhali ...	22	29·686	−·028	29·539	86·2	− 0·4	94	29	78·4	+0·2	76	5 days	81·9	83·7	79·8	80·1	·995	+·047	·974	91	+
Comilla ...	37	29·663	−·036	29·568	89·6	+ 1·3	95	12, 28, 29	78·1	+1·4	74	23	82·3	84·1	79·3	80·1	·948	+·010	·968	87	−
Brahmanbaria ...	32	29·658		29·570	87·9	− 2·1	94	29	78·8	+2·3	72	23	82·7	85·0	79·1	80·2	·942	+·022	·954	85	+
Narayanganj ...	26	29·668	−·048	29·569	89·5	+ 1·1	95	29	79·5	+0·9	74	20	83·7	85·0	79·9	79·9	·968	+·007	·954	84	−
Mymensingh ...	62	29·641	−·031	29·549	88·5	+ 0·8	95	28	78·2	+0·4	74	19	81·9	84·2	79·6	80·0	·988	+·033	·968	90	
Faridpur ...	27	29·655	−·045	29·564	89·0	+ 1·5	95	29	80·1	+1·7	74	20	83·7	84·4	80·5	80·4	1·015	+·088	·968	87	−
Barisal ...	11	29·677	−·026	29·587	88·6	+ 0·6	95	29	79·3	+1·3	76	19	82·8	84·6	79·7	80·1	·981	+·015	·961	87	−
Khulna ...	16	29·674	−·019	29·582	88·8	+ 0·5	94	22	78·0	+0·3	74	3, 19	83·2	84·4	79·9	80·0	·974	+·023	·961	86	+
Jessore ...	26	29·644	−·041	29·560	89·8		95	23, 28	78·4		74	19	83·5	83·2	81·1	80·9	1·022	+·045	1·022	89	+
Satkhira ...	16	29·660	−·031	29·568	89·7	+ 0·8	96	29	78·7	+0·9	74	19	83·7	85·6	80·7	81·1	1·015	+·022	·995	87	
Calcutta ...	21	29·655	−·023	29·563	91·2	+ 1·8	97	24, 29	79·9	+2·1	78	4 days	83·7	85·9	80·5	80·7	1·015	+·060	·988	87	
Saugor Island ...	10	29·661	−·021	29·573	87·2	− 0·9	91	24, 29	80·5	+1·0	75	27, 28	84·0	84·8	80·1	80·4	·968	−·011	·961	84	−
Sandheads ...	28	29·647	−·022	29·567									84·4	85·2	80·3	80·4	·968	−·009	·954	83	−
Midnapore ...	149	29·526	−·018	29·428	91·5	+ 1·3	97	22	78·7	+0·3	74	12	83·1	85·6	79·8	80·3	·974	+·017	·947	86	
Burdwan ...	99	29·574	−·027	29·480	91·8	+ 2·1	96	24	79·5	+0·8	75	19	83·0	84·8	80·1	80·9	·981	+·087	1·001	87	
Krishnagar ...	48	29·627	−·027	29·538	91·4	+ 1·7	97	24, 29	79·0	+0·9	74	19	85·1	85·8	81·3	81·3	1·001	+·038	·995	85	−
Asansol ...	414	29·248	−·021	29·152	91·1	+ 1·7	95	22, 23, 24	78·1	+1·2	74	20	82·2	85·8	78·9	79·5	·942	+·004	·901	86	−
Berhampore ...	62	29·596	−·047	29·500	91·3	+ 2·3	96	28, 29	79·5	+0·9	74	19	84·2	85·7	80·3	79·9	·968	+·001	·940	83	−
Bogra ...	63	29·620	−·037	29·526	89·6	+ 1·0	94	11, 29, 30	79·5	+1·8	76	19	83·5	85·0	80·5	80·5	1·015	+·057	·995	87	−
Malda ...	108	29·570	−·014	29·477	90·1	+ 1·0	95	29, 30	79·9	+1·7	77	5 days	84·2	86·3	80·3	80·4	·968	−·002	·910	84	−
Dinajpur ...	123	29·545	−·045	29·449	89·9	+ 1·3	95	29, 30	79·3	+1·5	72	19	82·5	86·0	79·6	80·6	·961	+·034	·981	88	−
Jalpaiguri ...	271	29·417	−·041	29·319	87·9	0	93	29, 30	76·6	+0·9	73	24	79·7	84·0	77·2	79·6	·892	−·016	·961	89	−

*8 hrs. observations at surface observatory (old site), height 59 feet; 17 hrs. observations at combined observatory (new site), height 261 feet. † Register not received.

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																	STATION.
											8 hrs. L. M. T.									17 hrs. I. S. T									
8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																													Bay Islands
·1	+ 0·4	9·7	21·53	+ 3·46	3·68	12	22	+ 2·0	6·1	− 0·8	0	0	0	0	6	5	11	1	7	0	0	0	0	2	11	16	1	0	*Port Blair
																													Lower Burma
·8	+ 1·4	9·3	40·59	+14·37	6·92	11	19	− 3·2	4·3	− 0·8	0	0	4	5	5	6	6	1	3	0	0	0	0	0	10	12	2	6	Victoria Point
·4	+ 2·1	8·4	26·56	+ 0·13	2·82	26	26	+ 3·1	4·1	+ 2·3	1	1	4	15	4	2	0	0	3	0	0	0	5	3	9	7	3	3	Mergui
·7	+ 1·7	8·8	24·49	− 8·57	2·83	1	26	+ 3·4	2·4	+ 1·3	0	0	0	0	2	0	0	0	28	0	0	1	0	0	2	0	1	26	Tavoy
·3		9·1	26·93	− 2·07	3·25	14	23	+ 0·8	6·8		2	0	2	5	8	1	1	0	11	0	0	0	1	10	12	5	0	2	Amherst
·8	+ 0·2	8·8	16·04	+ 0·77	2·25	30	21	+ 1·3	2·1	− 0·5	0	1	2	2	7	5	3	1	9	1	0	0	3	10	5	3	0	8	Rangoon
·7		7·9	7·17	− 5·64	1·41	16	15	− 3·0	2·7		1	1	2	14	4	5	2	1	0	0	0	2	5	4	3	6	1	9	Tharrawaddy
·9	+ 2·0	8·9	17·31	+ 2·11	2·09	14	20	0	3·2	+ 0·4	0	1	2	5	6	3	3	1	9	0	0	2	1	0	2	11	0	14	Bassein
·3	+ 2·1	9·6	15·14	− 2·84	4·20	24	18	+ 0·3	7·1		1	0	3	4	4	7	8	2	1	0	1	1	1	4	10	10	3	0	Diamond Island
·1		9·2	17·64	− 0·82	3·63	21	21	+ 3·0	2·5		2	1	1	8	1	0	2	2	13	1	0	2	3	0	4	3	8	9	Gwa
·9		9·4	26·06		5·60	21	27		0·9		0	5	1	1	0	1	0	0	22	0	0	1	0	1	5	3	0	20	Sandoway
																													†Toungoo
·7	+ 1·7	8·8	19·15	+ 0·65	1·39	4	22	+ 2·3	3·8	+ 2·0	0	3	2	11	3	3	0	1	2	0	0	0	3	7	8	4	2	6	Kyaukpyu
·2	+ 1·9	8·8	26·17	+ 3·60	6·98	4	20	+ 0·9	8·9		4	11	4	4	4	2	1	0	0	0	0	2	3	11	10	4	0	0	Akyab
			12·14	+ 5·94			9	− 0·6																					**Upper Burma**
·5	+ 1·3	7·6	~~12·91~~	+ ~~6·14~~	4·44	13	~~10~~	+ ~~0·4~~	3·4	− 1·1	1	1	0	22	3	0	0	2	1	0	2	0	4	3	11	2	2	6	Minbu
·1	+ 2·0	7·4	8·67	+ 1·51	2·64	28	11	+ 0·4	2·6		1	0	0	0	18	0	0	0	11	1	0	0	0	12	0	0	0	17	Yamethin
·4	+ 0·9	7·7	5·42	+ 0·05	2·31	16	9	+ 0·4	4·7	+ 0·3	0	1	0	10	16	0	0	0	3	6	5	0	10	5	0	0	3	1	Mandalay
·9	− 0·7	5·6	6·38	+ 0·51	1·97	15	7	− 0·9	3·2	+ 1·3	4	1	0	4	14	0	2	1	4	2	0	0	5	7	1	0	2	13	Monywa
·7	+ 0·8	6·9	3·45	− 4·39	0·68	16	11	− 2·7	1·9	+ 0·3	0	1	1	0	4	3	1	0	20	0	0	0	0	3	10	5	0	12	Lashio
·8	+ 1·8	7·5	6·51	− 3·38	1·46	14	12	− 0·9	1·4	0	3	3	0	1	1	1	3	2	16	2	2	1	2	5	1	2	1	14	Bhamo
·1	+ 1·0	7·2	8·24	− 1·44	2·51	18	11	− 1·6	2·6	+ 1·1	3	2	1	7	8	6	1	1	1	1	0	1	4	7	7	1	1	8	Myitkyina
																													Assam
·7	+ 1·9	7·3	13·12	+ 0·94	2·25	18	18	+ 3·7	1·5	+ 1·0	7	2	5	1	3	0	0	1	11	2	0	5	0	1	0	0	0	22	Dibrugarh
·1	+ 1·1	7·9	10·00	− 1·70	2·33	5	16	+ 1·4	3·3	+ 1·6	5	7	3	3	5	3	1	1	2	2	6	4	2	2	2	3	2	7	Sibsagar
·8	0	6·1	7·77	− 0·41	1·31	2	17	+ 4·9	1·1	− 0·5	0	4	10	0	3	3	5	0	5	0	3	4	1	1	0	5	3	13	Tezpur
·9	+ 1·2	7·0	8·07	+ 1·25	1·45	19	11	+ 0·7	1·9	+ 0·7	7	3	3	4	2	3	1	2	5	0	1	0	3	3	3	4	2	14	Gauhati
·8	+ 0·1	6·7	16·03	+ 1·56	5·92	17	9	− 3·8	4·3	+ 1·0	0	11	5	4	4	3	1	0	2	0	7	4	1	10	7	1	0	0	Dhubri
·8	+ 0·7	7·1	23·78	+ 9·37	5·85	21	19	+ 3·7	0·8	− 0·5	4	3	3	4	0	0	1	0	15	0	1	1	2	1	2	1	1	21	Silchar
·8	+ 2·8	7·5	10·78	− 1·06	2·21	21	13	− 3·2	3·2		0	1	5	9	11	1	1	0	2	1	1	2	4	9	3	3	1	6	Srimangal
																													Bengal
·2	+ 2·5	8·7	17·60	+ 4·06	2·58	20	18	+ 3·9	4·9	+ 2·1	0	3	5	9	5	2	0	0	6	0	0	1	4	12	4	2	1	6	Cox's Bazar
·3	+ 1·4	7·8	21·14	+ 9·21	3·65	20	17	+ 4·2	4·2		1	3	5	12	8	1	0	0	0	2	1	0	5	10	8	3	1	0	Chittagong
·5	+ 3·4	8·2	17·21	+ 0·58	3·32	2	16	+ 0·1	5·8	+ 2·8	1	2	6	10	7	3	1	0	0	3	0	1	2	13	8	2	1	0	Noakhali
·9	+ 2·4	7·5	16·82	+ 5·89	3·78	20	13	− 0·5	3·8		2	0	2	13	11	4	0	0	1	0	1	0	5	10	6	0	1	7	Comilla
4		8·0	8·38	− 1·56	2·72	20	11	− 2·1	4·1		3	3	0	11	11	1	0	0	1	3	1	0	5	9	5	0	0	7	Brahmanbaria
2	+ 0·7	8·5	15·26	+ 5·63	4·40	20	13	+ 1·0	3·9	+ 0·6	0	1	2	7	9	5	1	3	2	0	0	0	6	11	6	2	0	5	Narayanganj
8	+ 0·6	7·8	28·04	+14·30	9·00	19	17	+ 2·0	2·7	+ 1·2	0	2	7	11	1	0	0	0	9	0	4	3	8	1	2	0	1	11	Mymensingh
7	+ 2·0	7·9	7·26	− 2·03	2·14	19	10	− 2·2	5·7		2	0	1	12	12	0	1	1	1	0	1	0	13	9	0	1	0	6	Faridpur
5	+ 1·0	7·2	10·08	− 1·07	4·86	1	9	− 5·7	4·0	+ 2·4	0	1	1	5	13	5	0	2	3	0	1	1	3	16	4	0	0	5	Barisal
1	+ 0·4	7·7	7·28	− 0·46	2·38	19	13	+ 0·8	4·0		1	1	3	7	11	4	3	0	0	1	2	3	8	10	3	1	0	2	Khulna
9	− 0·5	4·2	3·38	− 5·17	0·80	1	10	− 1·8	4·2	+ 2·1	1	1	1	5	15	6	0	1	0	0	0	0	5	12	4	0	3	9	Jessore
0	+ 1·7	7·3	5·33	− 3·58	1·32	2	8	− 5·8	2·2		0	2	3	5	6	7	0	2	5	0	1	2	4	8	6	0	0	9	Satkhira
8	− 0·1	7·9	2·21	− 7·66	0·82	17	5	− 8·2	2·5	− 0·4	0	0	1	7	6	7	1	0	8	0	0	1	3	9	11	0	0	6	Calcutta
9	+ 0·4	7·7	7·57	− 3·19	3·36	2	11	− 2·0	12·3	+ 4·4	0	4	3	3	8	9	2	1	0	0	2	2	5	15	6	0	0	0	Saugor Island
6	− 0·4	5·1	4·35	− 0·16	2·26	30	10	+ 2·0			0	1	2	1	5	15	2	0	4	0	0	3	2	7	14	1	0	3	Sandheads
4	+ 1·9	6·9	1·93	− 6·82	0·56	16	7	− 5·2	1·8	− 0·1	2	1	3	1	9	3	1	0	10	0	0	2	6	14	0	1	0	7	Midnapore
1	− 0·8	6·9	11·84	+ 3·24	4·92	19	10	− 1·3	1·8		1	1	3	10	5	2	4	0	4	2	0	0	6	2	3	1	0	16	Burdwan
2	+ 0·9	8·6	7·65	− 0·38	2·79	19	11	− 0·1	3·4		0	1	1	8	12	5	0	0	3	0	0	0	6	6	2	0	0	16	Krishnagar
3	+ 0·8	7·7	6·58	− 1·78	1·70	2	8	− 2·4	3·3		1	2	4	5	3	2	3	4	6	0	4	10	8	0	1	3	2	2	Asansol
3	− 0·1	7·3	9·91	− 0·21	2·35	19	9	− 3·0	2·8	+ 0·3	0	5	3	14	0	6	0	0	2	1	1	1	11	1	2	0	0	13	Berhampore
1	+ 1·1	7·3	5·70	− 5·97	1·84	18	11	− 1·8	2·0	+ 0·5	1	4	10	7	2	4	1	1	0	0	1	3	9	3	6	2	0	6	Bogra
1	+ 1·4	6·3	14·68	+ 3·89	3·00	2	14	+ 2·3	3·3		1	4	7	1	7	3	5	1	1	2	3	6	N	11	2	1	0	3	Malda
1	− 0·3	6·0	8·24	− 4·06	3·05	5	11	− 1·5	2·5	+ 0·3	0	10	9	7	1	3	0	0	0	0	10	3	8	1	7	0	0	1	Dinajpur
3	+ 1·9	6·0	30·58	+10·64	7·70	2	19	+ 3·3	2·5	+ 1·1	5	4	12	3	0	0	1	0	5	1	0	7	2	6	1	1	1	11	Jalpaiguri

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Relat humid %	
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Orissa																					
Balasore ...	65	29·610	−·016	29·516	89·4	+ 0·5	95	24	79·1	+1·3	74	25	82·7	84·8	79·5	80·4	·948	+·002	·961	86	− 1
Chandbali ...	20	29·657	−·019	29·570	89·6	+ 0·8	94	21, 24	78·9	+1·3	76	26	82·4	84·9	79·3	80·3	·942		·961	86	+ 3
Puri ...	20	29·660	−·011	29·574	88·8	− 0·1	95	24, 25	80·2	+0·5	77	28	83·8	84·9	79·2	79·6	·928	−·027	·964	81	− 2
Gopalpur ...	56	29·620	−·018	29·536	89·9	+ 1·5	93	5 days	79·0	+0·5	75	24, 27, 28	84·4	85·2	79·5	79·9	·921	−·008	·947	79	− 6
Cuttack ...	87	29·605	+·001	29·517	89·7	− 0·4	96	24, 25	77·3	−0·8	73	24	82·3	83·3	78·6	79·2	·938	+·032	·928	84	+ 1
Angul ...	455	29·218	−·018	29·120	90·0	+ 1·2	95	24	77·0	+0·7	75	6 days	81·1	84·8	77·2	78·4	·875	−·019	·882	83	− 2
Sambalpur ...	486	29·197	−·017	29·093	89·7	+ 0·9	94	24	77·0	0	75	5, 24, 29	81·0	84·3	77·6	79·0	·910	+·022	·914	85	+ 1
Chota Nagpur																					
Jamshedpur ...	423	29·258			91·2		95	24	78·3		75	24, 28	82·0		78·2		·903			84	
Chaibasa ...	742	28·922	−·017	28·825	90·8	+ 1·3	95	24	77·0	+1·0	72	28	81·5	84·5	77·5	77·8	·872	0	·869	83	− 2
Ranchi ...	2,152	27·552	−·006	27·471	86·2	+ 2·1	90	23	72·1	+0·1	69	22, 24	77·5	79·5	74·3	74·2	·800	+·045	·769	86	+ 2
Hazaribagh ...	2,006	27·699	+·006	27·614	86·8	+ 2·2	91	14	72·8	+0·4	69	24	78·7	79·5	74·7	75·0	·816	+·061	·810	83	0
Daltonganj ...	725	28·944	−·016	28·845	90·1	− 0·1	95	23	75·9	+0·8	73	5 days	80·3	84·4	76·9	77·8	·878	+·032	·869	85	+ 1
Bihar																					
Purnea ...	124	29·545	−·041	29·447	90·7	+ 1·8	96	29, 30	78·6	+1·1	75	17, 18	83·4	86·0	80·0	80·8	·974	+·018	·988	86	− 4
Darbhanga ...	161	29·509	−·029	29·404	91·2		96	29	79·5		76	10	84·6	87·4	80·1	80·9	·961		·968	82	
Motihari ...	220	29·445	−·034	29·344	90·4	+ 0·8	96	23, 30	78·3	+1·4	75	17	83·0	87·2	79·2	80·2	·935	−·002	·927	83	− 4
Patna ...	173	29·492	−·027	29·386	91·0	+ 1·5	95	28, 29, 30	79·7	+0·9	75	16	84·5	87·8	80·1	80·5	·961	+·022	·954	82	− 1
Gaya ...	372	29·282	−·032	29·181	93·0	+ 2·2	97	14	79·4	+1·6	76	17	85·0	87·6	79·3	79·8	·914	+·022	·948	77	− 4
Naya Dumka ...	489	29·169	−·036	29·074	91·5	+ 2·5	93	13	77·6	+1·1	74	22	82·4	85·5	78·8	79·1	·942	+·037	·901	84	− 1
Sabour ...	122	29·544		29·446	90·4		95	30	79·1		76	21	83·9	86·1	80·6	81·3	1·008		·988	86	
United Provinces, East																					
Gonda ...	360	29·312		29·210	91·2		97	30	77·5		73	23	82·3	87·8	78·1	79·9	·903		·913	82	
Gorakhpur ...	257	29·411	−·022	29·312	91·2	+ 0·9	97	28, 29, 30	78·3	+1·1	76	4 days	82·7	87·7	78·8	79·9	·935	+·023	·913	84	0
Benares ...	250	29·404	−·025	29·308	91·0	+ 0·1	96	4 days	77·6	+0·5	74	23, 24	83·0	87·7	78·9	79·7	·935	+·028	·913	83	0
Allahabad ...	309	29·346	−·028	29·245	91·6	+ 0·1	97	28, 29, 30	77·0	+0·1	72	22, 24	82·4	88·6	78·9	79·7	·942	+·065	·900	85	+ 5
Fatehpur ...	375	29·276		29·173	92·8		98	21, 30	76·9		72	24, 27	83·8	87·5	79·1	81·7	·928		1·009	81	
Cawnpore ...	416	29·242	−·024	29·147	94·5	+ 2·4	102	22	78·0	+1·3	73	26, 27	82·3	90·0	77·1	78·8	·853	−·001	·840	78	− 2
Lucknow ...	371	29·231	−·030	29·183	92·1	+ 0·3	98	25	75·7	+0·3	71	27	83·5	88·1	77·9	80·5	·882	+·001	·954	77	− 4
Bahraich ...	407	29·245	−·029	29·148	91·0	− 0·1	98	30	77·9	+1·4	75	6 days	82·5	88·8	78·3	80·1	·903	+·015	·906	82	+ 1
United Provinces, West																					
Jhansi ...	824	28·857	−·021	28·759	95·0	+ 3·2	100	22	76·5	+0·5	70	28	83·5	92·1	75·0	76·3	·752	−·046	·679	66	− 9
Agra ...	554	29·109	−·024	29·007	98·6	+ 6·1	104	16	73·7	−1·4	64	28	83·8	95·0	74·1	76·1	·710	−·127	·639	62	− 18
Mainpuri ...	516	29·138	−·025	29·037	97·7	+ 4·9	103	20, 30	75·8	−0·2	63	27	83·5	93·8	75·5	77·9	·758	−·073	·740	68	− 10
Aligarh ...	615	29·033		28·933	98·2		104	16	76·0		69	28	83·2	95·6	73·5	75·1	·682		·589	61	
Bareilly ...	568	29·074	−·037	28·975	93·9	+ 3·1	98	15	75·7	0	69	26	81·9	89·9	76·3	77·8	·821	−·030	·794	77	− 5
Roorkee ...	899	28·755	−·036	28·652	94·1	+ 3·5	99	30	72·3	−0·8	65	25, 26	80·9	91·8	74·2	76·6	·750	−·036	·736	71	− 10
Dehra Dun ...	2,239	27·467	−·021	27·383	88·4	+ 3·8	94	30	68·9	−1·0	59	25	76·4	85·6	70·1	74·4	·650	−·055	·699	73	− 10
Punjab, East and North																					
New Delhi ...	714	28·939	−·031	28·831	99·8		105	16	75·8		67	25	83·7	97·1	71·2	73·3	·589		·487	52	
Hansi ...	711	28·935			101·5		106	17	75·7		67	4 days	85·4		70·9		·562			46	
Hissar ...	725	28·940	−·021	28·835	102·2	+ 5·4	108	16	75·4	+0·8	67	25, 27	85·3	98·0	72·3	76·9	·608	−·104	·642	51	− 16
Ambala ...	892	28·768	−·022	28·654	99·7	+ 6·2	103	15, 16, 21	74·7	+1·0	66	27, 29	81·6	96·8	73·2	73·6	·696	−·087	·548	65	− 14
Ludhiana ...	812	28·841	−·030	28·761	102·3	+ 8·0	106	14, 15, 16	75·4	+0·2	67	26, 28	84·7	99·7	72·7	73·5	·648	−·107	·460	55	− 19
Lahore ...	702	28·935	−·035	28·852	101·2	+ 3·7	107	16	74·7	+2·0	67	28	83·7	99·5	72·4	74·7	·628	−·115	·529	56	− 9
Sialkot ...	830	28·813	−·036	28·719	98·5	+ 3·6	103	16	74·2	+0·4	65	27	81·0	95·6	71·6	74·8	·655	−·108	·583	62	− 14
Rawalpindi ...	1,674	27·998	−·034	27·916	97·4	+ 4·0	102	15	67·4	−1·7	60	27, 28	81·2	95·1	66·8	71·6	·479	−·185	·483	46	− 23
Punjab, Southwest																					
Khushab ...	612	29·020	−·044	28·930	101·2	+ 2·4	107	14, 15	76·0	− 0·1	68	22	84·6	99·5	73·4	75·4	·662	−·030	·542	58	− 3
Lyallpur ...	605	29·026	−·035	28·946	101·0	+ 3·6	107	14, 15, 16	76·0	+ 1·6	68	25	85·0	98·5	72·1	73·7	·608	−·098	·500	52	− 13
Montgomery ...	558	29·087	−·020	29·002	100·1	+ 0·2	108	17	75·8	0	63	25	82·8	98·7	77·0	88·1	·845	+·132	1·178	76	+ 13
Multan ...	413	29·210	−·029	29·133	101·0	+ 2·7	109	17, 13	77·7	+ 0·1	70	30	84·2	99·1	75·5	79·3	·752	−·055	·718	66	− 8
Fort Abbas ...	475	29·180		29·078	102·9		110	4 days	78·0		69	29, 30	86·9	101·0	73·9	75·9	·662		·558	53	
Bahawalpur ...	384	29·256		29·162	101·1		108	15, 16	75·7		69	29	85·5	99·3	74·8	77·5	·724		·628	59	
Khanpur ...	297	29·346		29·250	102·4		109	16	77·0		72	30	84·1	101·4	73·9	75·7	·703		·551	60	

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																STATION.
											8 hrs. L. M. T.									17 hrs. I. S. T.								
Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
21	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																													Orissa
7·9	+ 2·5	7·9	9·19	− 2·53	2·24	5	9	− 4·1	4·1	+ 1·9	0	3	3	2	6	7	3	2	4	1	1	1	6	12	5	0	0	4	Balasore
7·5		7·3	5·61	− 5·07	1·11	26	13	+ 0·9	5·0		3	1	1	3	4	11	6	1	0	1	3	1	9	10	2	1	0	3	Chandbali
8·7	+ 1·0	6·7	5·24	− 3·59	1·07	16	12	+ 0·5	11·2	+ 3·9	5	3	1	2	5	7	4	2	1	0	2	1	5	13	7	2	0	0	Puri
7·0	+ 2·6	7·4	9·06	+ 1·55	3·30	28	7	− 2·6	8·8	+ 2·2	7	0	2	1	8	0	2	9	1	3	4	2	3	15	0	1	2	0	Gopalpur
7·9	+ 1·8	7·9	5·57	− 4·00	1·32	5	13	+ 0·7	3·2	+ 1·5	0	3	2	0	0	5	5	1	14	0	1	2	2	3	11	3	0	8	Cuttack
8·0	+ 2·3	8·4	5·87	− 0·21	1·70	9	9	− 1·5	4·7	+ 0·9	3	5	1	1	2	1	8	6	3	3	2	4	6	3	3	5	3	1	Angul
8·0	+ 1·9	8·3	6·72	− 1·79	1·77	1	13	+ 1·7	3·3	+ 0·4	3	4	1	3	0	10	3	0	6	2	1	4	1	3	6	3	1	9	Sambalpur
																													Chota Nagpur
6·9			6·65		1·61	4	10		3·5		0	1	3	2	0	7	9	3	5										Jamshedpur
8·2	+ 2·4	8·9[c]	2·97	− 5·08	0·99	3	9	− 2·4	2·1	+ 0·8	0	3	1	0	0	7	3	0	16	0	1	1	1	1	3	2	0	19	Chaibasa
8·7	+ 0·6	8·3	9·83	+ 0·69	2·64	9	12	+ 0·1	3·4	− 1·3	5	1	1	2	4	7	3	2	5	5	5	4	4	3	1	1	1	6	Ranchi
8·0	− 2·3	6·8	8·84	− 0·34	1·79	5	12	+ 0·2	3·7[d]	− 1·7	0	2	3	0	7	5	5	7	1	3	4	2	4	3	3	4	4	3	Hazaribagh
7·9	+ 1·8	7·2	7·17	+ 0·48	1·54	18	12	+ 3·1	2·6	0	0	0	6	3	3	2	5	0	11	3	1	3	4	1	2	6	1	4	Daltonganj
																													Bihar
8·4	+ 0·6	5·8	12·87	− 0·07	4·21	17	10	− 1·2	2·1	+ 0·1	1	6	6	2	1	3	1	1	9	0	1	4	2	1	4	1	0	17	Purnea
8·0	+ 0·6	5·5	3·36		1·21	8	7		1·9	− 0·8	1	1	3	2	1	0	2	0	20	0	0	2	1	0	0	2	0	25	Darbhanga
8·5	+ 1·1	5·6	6·75	− 2·53	1·66	15	12	+ 2·9	2·1		1	1	13	8	1	2	1	1	2	0	0	7	7	2	1	5	1	7	Motihari
6·9	0	6·6	14·67	+ 6·34	3·43	16	11	+ 1·8	3·3	+ 0·2	0	6	5	3	1	1	6	1	7	1	5	5	2	0	3	3	1	10	Patna
8·6	− 0·1	5·8	3·06	− 4·88	0·59	10	8	− 1·3	3·7	+ 1·2	1	2	6	6	3	7	3	2	0	3	6	2	5	4	1	6	3	0	Gaya
8·2	− 0·1	5·9	4·03	− 5·53	1·31	19	7	− 5·5	1·5	− 0·4	0	4	0	7	0	3	0	4	12	0	1	0	11	0	2	0	0	16	Naya Dumka
7·4		7·3	5·95	− 2·88	1·45	16	9	− 0·2	4·1		0	1	10	8	4	3	2	0	2	1	1	8	3	2	2	3	0	10	Sahour
																													United Provinces, East
8·4		5·1	12·72		2·74	2	10		2·3		5	3	7	5	1	1	2	1	5	2	1	3	3	0	0	7	10	4	Gonda
8·7	+ 1·6	5·5	15·98	+ 7·91	7·04	1	11	+ 2·1	1·8		0	4	10	1	0	1	3	0	11	0	0	3	1	0	0	4	1	21	Gorakhpur
8·0	+ 0·9	6·5	7·23	+ 0·11	2·31	5	13	+ 4·3	4·5	+ 2·0	0	4	3	4	1	9	6	3	0	3	6	2	1	2	4	5	4	3	Benares
8·7	− 0·8	5·0	15·93	+10·26	10·48	4	8	+ 0·3	3·4	− 0·1	1	1	1	2	1	1	7	3	13	2	1	3	2	1	0	4	9	8	Allahabad
9·0		4·2	4·22		2·27	3	6		2·3		0	2	5	4	1	4	5	2	9	1	3	3	0	0	0	3	4	16	Fatehpur
8·1	− 0·2	3·3	4·98	− 1·76	3·36	3	5	− 1·9	2·5	+ 0·2	1	2	4	2	0	3	6	1	11	5	5	2	0	0	1	2	3	12	Cawnpore
9·4	0	4·5	5·28	− 1·79	1·87	2	9	+ 1·2	0·1	− 1·7	0	0	0	0	0	1	1	0	28	0	0	0	0	0	0	0	0	30	Lucknow
9·6	+ 1·3	5·9	16·88	+ 8·16	7·50	7	7	+ 0·1			1	2	6	9	0	2	2	1	7	1	0	0	1	0	0	3	2	21	Bahraich
																													United Provinces, West
8·5	+ 0·4	4·3	0·55	− 5·37	0·38	13	2	− 5·1	3·8	+ 0·8	2	4	2	0	0	5	13	3	1	1	3	5	0	1	1	6	7	6	Jhansi
8·3	− 0·3	3·8	0·11	− 3·94	0·09	1	0	− 5·4	2·7	− 0·7	1	0	3	4	0	1	11	6	4	2	4	8	1	1	0	2	10	2	Agra
8·3	− 0·8	3·7	0·57	− 3·84	0·33	14	2	− 3·9	2·1	+ 0·7	2	1	3	2	0	2	5	4	11	1	1	1	1	0	3	8	7	8	Mainpuri
9·4		1·6	0·99		0·55	13	3		3·6		3	1	1	4	2	0	6	7	6	7	4	2	0	2	1	5	5	4	Aligarh
9·0	+ 0·2	3·5	0·60	− 6·87	0·31	6	3	− 3·6	2·8	+ 1·4	4	3	6	3	1	3	2	2	6	4	2	0	3	1	2	6	5	7	Bareilly
8·9	− 0·4	2·3	3·83	− 2·44	3·57	10	2	− 3·7	2·8	+ 1·3	0	0	0	17	1	0	0	3	9	0	2	0	7	1	6	0	8	6	Roorkee
8·6	− 1·1	3·6	5·29	− 4·43	2·90	3	10	− 0·7	2·5	+ 1·8	4	1	1	8	0	1	9	2	4	2	2	0	2	0	1	13	4	6	Dehra Dun
																													Punjab, East and North
8·8	− 0·2	2·0[b]	1·56	− 3·22	0·82	18	3	− 1·5	3·9	+ 6·1	1	1	2	4	0	6	11	5	0	9	2	3	0	1	0	1	11	3	New Delhi
9·0			0·43		0·43	25	1				2	1	2	0	1	0	14	2	8										Hansi
8·6	− 1·6	1·1	0·72	− 2·29	0·39	25	3	− 0·2	4·5	+ 0·4	1	1	4	2	1	2	9	7	3	7	0	0	0	0	4	5	9	5	Hissar
9·2	− 0·9	2·5	0·75	− 3·85	0·38	18	3	− 1·6	3·8	+ 1·9	2	1	9	8	1	1	0	1	7	9	0	1	1	1	1	1	11	5	Ambala
8·7	− 1·7	0·7	0·29	− 3·95	0·11	17	2	− 1·9	2·2	+ 1·2	2	4	0	5	5	3	3	3	5	3	1	1	1	0	0	2	21	1	Ludhiana
8·6	− 1·1	0·8	0	− 2·36	0		0	− 2·6	2·0	+ 0·5	1	2	2	5	1	4	6	6	3	1	3	1	0	1	3	5	9	7	Lahore
8·9	− 1·2	0·4	0·25	− 3·12	0·11	22	1	− 2·6	2·4	+ 1·1	1	14	1	3	0	1	0	2	8	0	0	1	0	0	7	3	14	5	Sialkot
8·6	− 1·6	1·3	0·36	− 3·10	0·13	22	1	− 3·4	2·5	+ 1·3	0	15	0	0	0	1	1	1	12	1	2	0	5	0	7	2	7	6	Rawalpindi
																													Punjab, Southwest
8·5	− 1·0	1·9	3·38	+ 2·07	1·84	22	5	+ 3·0	5·5	+ 1·5	1	6	6	5	3	3	2	0	4	1	1	8	10	5	2	2	0	1	Khushab
8·6	− 1·7	0·6	1·37	− 0·32	1·37	25	1	− 0·8	2·7	+ 0·6	0	1	3	5	3	9	4	1	4	0	0	1	1	2	14	3	0	9	Lyallpur
9·1	− 0·9	0·2	0·68	− 0·85	0·36	26	2	+ 0·2	1·8	− 3·0	0	1	2	2	2	1	5	0	17	0	0	0	1	0	5	4	0	20	Montgomery
9·1	− 0·7	0·4	0	− 0·41	0		0	− 0·7	3·6	+ 2·0	3	1	1	2	12	10	0	1	0	0	3	1	1	13	11	1	0	0	Multan
8·7		2·0	0		0		0		8·0		1	0	2	3	0	31	3	0	0	5	2	1	0	6	8	2	2	4	Fort Abbas
9·4		0·7	0	− 0·10	0		0	0	3·6		1	0	2	1	4	18	3	1	0	0	2	1	0	3	5	12	0	7	Bahawalpur
9·3		0·8	0	− 0·12	0		0	− 0·5	5·7		1	0	0	2	4	20	2	0	1	3	0	1	1	4	10	5	6	0	Khanpur

b—Mean of 29 days. *c*—Mean of 28 days. *d*—Mean of 27 days.

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature. °F.				Dry bulb temperature °F.		Wet bulb tempera-ture °F.		Vapour pressure, inches.			Rel hun	
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	2
Kashmir																					
Srinagar ...	5,205	24·807	- ·004	24·704	82·0	- 1·3	89	5, 30	49·8	- 3·9	42	29	62·2	77·5	55·6	61·0	·380	- ·080	·362	66	-
Gulmarg ...	8,569	21·858	+ ·017		64·3	+ 0·6	75	30	40·2	- 2·7	35	23, 26	56·6		49·8		·298	- ·033		64	-
Muzaffarabad ...	2,343	27·345	- ·023		91·9	+ 2·3	98	15	65·7	+ 0·1	60	24, 25	70·5		64·8		·548	- ·026		73	+
Dras ...	10,059	20·855	+ ·074		65·7	- 3·5	75	1	39·3	- 0·8	32	29, 30	48·3		42·3		·214	- ·026		64	+
Leh ...	11,503	19·730	+ ·024		63·5	- 6·6	78	2	39·5	- 2·2	32	25, 27	50·5		38·6		·133	- ·061		36	-
Skardu ...	7,505				76·8	- 1·4	87	5	51·8	- 2·0	43	23	58·4		53·5		·350	+ ·051		74	+
Gilgit ...	4,890				80·6	- 6·7	90	4, 8	63·4	- 0·2	53	23	67·7		58·0		·372	- ·028		55	+
N.-W. F. Province																					
Peshawar ...	1,164	28·507	- ·032	28·411	95·8	+ 1·0	101	16	70·2	- 1·2	63	22, 24	80·2	93·2	67·2	70·5	·498	- ·117	·475	48	-
Miranshah ...	3,026				92·9		98	14	70·4		65	29	78·8		64·4		·427			43	
Dera Ismail Khan...	570	29·064	- ·021	28·972	101·4	+ 1·8	109	15	74·4	- 0·9	69	29, 30	85·0	99·3	73·3	78·4	·655	- ·094	·672	55	-
Baluchistan																					
Fort Sandeman ...	4,614	25·314	- ·007	25·222	92·5	- 0·3	97	4	66·6	+ 1·1	62	19, 29	72·8	91 4	62·0	72·3	·427	+ ·010	·561	54	+
Sibi ...	441	29·195			105·4		110	16	79·6		73	30	88·3		72·1		·568			43	
Quetta ...	5,540	24·521	- ·009	24·441	85·8		90	29, 30	46·5		40	12	68·1	84·1	54·2	60·7	·271		·289	38	
Chaman ...	4,311	25·584	+ ·002	25·531	90·4	- 0·3	100	1	62·6	- 0·6	58	5, 8, 12	75·7	88·9	56·7	62·5	·245	- ·008	·267	28	+
Kalat ...	6,616	23·624	+ ·029		84·2	- 0·3	90	30	48·0	+ 6·3	42	11	67·3		55·8		·328	+ ·086		49	+
Dalbandin ...	2,780	26·984	0	26·892	98·3	- 1·3	104	23	61·2	- 0·5	53	12	77·2	97·0	60·3	71·7	·306	+ ·085	·463	34	+
Nokkundi ...	2,229	27·465		27·375	99·2		106	5 days	70·8		65	7	84·2	98·7	60·6	65·5	·243		·204	20	
Las Bela ...	292	29·397		29·268	99·9		110	16, 30	73·4		68	30	81·3	96·6	76·0	79·2	·821		·752	77	
Ormara ...	15	29·697		29·600	86·2		97	7	75·6		72	12, 13	78·1	83·5	75·1	76·0	·826		·794	87	
Pasni ...	10	29·706	- ·022	29·606	88·5	- 1·3	97	6, 7	73·7	+ 1·6	68	12	78·9	84·2	74·7	77·9	·812	+ ·011	·869	83	+
Panjgur ...	3,177	26·629	+ ·012	26·536	93·6	- 1·6	100	30	64·1	- 0·9	55	12	74·9	92·3	62·6	71·8	·430	+ ·025	·544	49	+
Gwador ...	39	29·695		29·599	88·1		97	13, 17	75·6		71	12, 13, 13	79·4	84·9	76·5	79·6	·885		·947	87	
Sind																					
Jacobabad ...	186	29·420	- ·053	29·332	103·5	- 0·1	113	16	78·4	+ 1·9	75	20, 21	83·0	102·0	76·9	79·6	·845	+ ·040	·716	75	+
Sukkur ...	221	29·417			100·3		106	16	78·4		74	20, 21, 22	81·3		75·2		·785			75	
Naushahro ...	140	29·467		29·363	105·3		112	30	76·0		73	6 days	82·1	103·0	74·8	76·3	·765		·537	70	
Chhor ...	19	29·669		29·575	95·5		111	30	75·1		71	30	80·7	93·5	75·7	79·7	·828		·832	79	
Hyderabad ...	96	29·574	- ·015	29·493	98·1	+ 0·9	108	15, 30	76·6	+ 0·4	74	17	82·4	95·1	74·3	77·6	·780	- ·005	·720	67	-
Karachi (Drigh Road)	77	29·628		29·550	88·6		105	30	76·5		73	29	80·3	85·7	76·0	76·6	·835		·804	81	
Karachi (Manora)...	13	29·686	- ·032	29·617	84·1	- 1·7	87	1	76·4	- 0·2	74	12	78·8	82·5	75·6	77·2	·855	+ ·015	·851	86	+
Badin ...	37	29·668		29·575	93·3		101	15, 29, 30	75·6		74	7, 20, 30	80·8	91·5	75·3	78·2	·792		·774	76	
Rajputana, West																					
Sri Ganganagar ...	580	29·067		28·977	100·7		109	17	72·5		65	26, 28, 29	83·7	93·2	71·2	73·7	·589		·507	51	
Bikaner ...	734	28·938	- ·009	28·832	100·1		107	16	78·4		73	22	84·5	98·9	72·5	74·4	·648		·507	55	
Jodhpur ...	780	28·927	- ·015	28·816	96·9	+ 4·1	108	15	76·7	+ 1·2	72	20, 23	82·0	97·1	73·1	74·1	·689	- ·018	·527	65	-
Barmer ...	638	29·059		28·955	95·8		106	16	75·6		70	22	80·8	96·0	73·5	75·4	·709		·589	70	
Rajputana, East																					
Jaipur ...	1,431	28·272	- ·023	28·166	98·2	+ 4·6	104	17, 19	74·0	+ 1·5	67	25	83·5	95·4	72·8	78·9	·678	- ·028	·567	58	-
Ajmer ...	1,593	28·110	- ·032	28·012	94·9	+ 4·6	102	15, 16	76·1	+ 1·6	68	25, 28	82·2	93·3	70·9	71·3	·613	- ·111	·481	57	-
Kotah ...	843	28·845	- ·029	28·742	97·5	+ 4·9	103	16, 17	77·5	+ 0·5	72	29	84·9	94·5	73·8	75·3	·689	- ·051	·610	57	-
Brijnagar ...	1,063	28·639		28·534	94·1		99	22	73·4		66	28	81·0	91·6	74·1	75·9	·750		·700	71	
Gujarat																					
Deesa ..	466	29·268	- ·015	29·159	92·4	- 1·0	103	30	72·5	- 1·6	68	20, 29	79·7	92·0	73·7	75·0	·757	- ·032	·637	75	-
Bhuj ...	343	29·387	- ·015	29·293	93·0	+ 1·0	104	30	74·8	+ 0·1	72	20	79·7	90·7	73·7	74·0	·757	- ·044	·615	74	-
Dwarka ...	37	29·726	- ·005	29·619	84·1	- 1·4	85	12 days	76·4	- 1·3	74	26	79·4	81·7	75·1	76·5	·806	- ·057	·858	81	-
Jamnagar ...	60	29·698	- ·007		88·3	- 1·1	91	12, 14	75·0	+ 0·8	72	4 days	81·3		76·3		·828	- ·004		79	+
Rajkot ...	432	29·327	- ·002	29·211	94·5	+ 2·8	102	30	72·5	+ 0·2	69	8	79·4	91·6	74·4	74·7	·770	- ·028	·637	78	-
Veraval ...	19	29·755	- ·008	29·668	84·1	+ 0·6	86	27, 30	75·2	- 1·3	73	4 days	79·6	81·9	76·4	78·2	·855	- ·007	·910	86	
Surat ...	39	29·724	- ·020	29·625	90·9	+ 2·2	102	30	77·1	+ 1·4	73	15	81·3	83·4	76·6	77·9	·862	- ·002	·815	80	-
Bhavnagar ...	55	29·713	- ·008	29·590	95·2	+ 2·2	103	30	75·0	- 0·1	72	19	80·5	91·3	74·1	76·5	·750	- ·073	·723	73	-
Ahmadabad ...	163	29·593	- ·011	29·465	95·3	+ 2·4	104	28, 30	76·1	0	74	4 days	81·8	93·3	75·3	76·6	·779	- ·032	·716	73	-
Dohad ...	1,093	28·641			90·3		99	28, 29, 30	72·7		67	28	78·0		73·8		·784			82	
Baroda ...	115	29·637		29·515	94·0		102	30	74·7		66	29	81·3	92·5	75·0	77·8	·779		·760	74	

b—Mean of 22 days. *g*—Mean of 24 days.

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																	STATION.
											8 hrs. L. M. T.									17 hrs. I. S. T.									
8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																													Kashmir
3	− 0·9	4·1	0·24	− 1·36	0·20	22	1	− 2·8	2·8	+ 0·6	1	1	4	10	10	0	2	1	1	3	0	0	1	1	1	2	10	12	Srinagar
3	− 0·8		2·33	− 0·44	0·90	23	4	− 1·6	4·3	+ 1·3	2	6	3	2	1	0	3	0	13										Gulmarg
6	− 1·9		2·33	− 2·09	1·02	5	5	− 1·6	1·8	+ 0·7	5	0	0	0	1	2	0	0	22										Muzaffarabad
6	− 0·2		0·17	− 0·74	0·08	25	0	− 1·6	7·1	+ 2·2	0	0	0	0	0	0	0	0	30										Dras
9	− 0·7		0	− 0·26	0		0	− 0·7	3·9	+ 2·3	0	1	0	1	10	3	0	0	15										Leh
7	+ 0·4		0·07	− 0·65	0·07	23	0	− 1·2	2·9	− 1·4	0	0	0	0	0	2	2	0	26										Skardu
2	+ 1·1		0·23	− 0·14	0·11	22	2	+ 0·8																					Gilgit
																													N.-W. F. Province
4	− 1·6	2·7	0·08	− 0·73	0·04	5, 22	0	− 1·6	2·2	+ 0·6	3	1	0	2	0	2	1	1	20	6	8	4	3	0	3	1	1	4	Peshawar
0			0·22		0·22	21	1		5·3		0	1	3	6	1	3	1	1	14										Miranshah
3	− 0·7	0·2	0	− 0·55	0		0	− 0·9	2·0	+ 0·8	5	7	0	0	1	0	2	0	15	1	2	2	4	3	1	0	0	17	Dera Ismail Khan
																													Baluchistan
3	− 0·5	0·9	0	− 0·43	0		0	− 1·0	3·2	+ 1·4	2	0	0	0	2	1	10	0	15	5	0	3	0	1	0	20	0	1	Fort Sandeman
2			0		0		0		4·0		0	0	0	3	5	8	3	1	11										Sibi
0	− 0·4	0·3	0		0		0		4·2		7	2	2	7	4	2	0	3	3	7	1	0	0	4	0	6	12	0	Quetta
1	− 0·3	0·1	0	0	0		0	0	6·6	+ 1·7	0	3	7	2	2	8	2	1	5	0	0	0	2	3	13	8	4	0	Chaman
2	− 0·5		0	− 0·05	0		0	− 0·1	4·6	+ 0·3	0	0	0	9	3	2	0	0	16										Kalat
3	− 0·3	0·5	0	0	0		0	0	4·7	+ 1·0	0	3	3	3	3	4	3	1	10	0	1	2	7	7	5	5	2	1	Dalbandin
6		0·8	0		0		0		12·1		8	0	3	1	2	2	2	10	2	10	0	1	0	0	1	4	12	2	Nokkundi
2		0·6	0		0		0		3·0		1	3	1	1	4	2	0	0	18	0	0	0	3	19	6	0	0	2	Las Bela
8		0·4	0		0		0		14·8		0	2	2	1	0	11	13	1	0	0	0	0	1	0	14	14	1	0	Ormara
9	+ 1·0	0·1	0	− 0·01	0		0	0	9·8	+ 3·3	0	2	3	2	0	5	11	5	2	0	0	1	1	1	14	13	0	0	Pasni
2	− 0·6	1·1	0	− 0·06	0		0	− 0·3	4·9	+ 1·2	6	11	4	0	0	1	1	6	1	13	3	0	0	1	3	2	8	0	Panjgur
8		0·7	0		0		0		5·9		1	1	3	0	2	8	10	0	5	0	0	1	0	8	16	5	0	0	Gwador
																													Sind
0	− 0·6	0·2	0	− 0·21	0		0	− 0·4	3·8	+ 1·5	0	1	12	6	8	2	0	0	1	0	1	0	20	1	7	0	0	1	Jacobabad
2			0		0		0		3·1		1	1	2	15	5	3	1	0	2										Sukkur
0		0	0	− 0·56	0		0	− 0·4	1·8		1	0	4	0	4	16	5	0	0	2	7	2	1	2	11	1	4	0	Naushahro
6		2·1	0		0		0		9·3		0	0	1	0	18	8	2	0	1	0	0	1	0	12	16	1	0	0	Chhor
9	+ 0·5	1·2	0	− 0·60	0		0	− 0·8	10·0	+ 1·4	1	0	0	0	9	16	3	0	1	0	1	1	1	13	13	1	0	0	Hyderabad
2		4·1	0		0		0		14·5		0	0	0	0	0	8	20	1	1	0	0	0	0	0	22	7	1	0	Karachi (Drigh Road)
2	+ 1·4	3·1	0·01	− 0·41	0·01	1	0	− 0·6	10·4	+ 0·3	1	0	0	0	1	9	16	3	0	0	0	0	0	0	18	12	0	0	Karachi (Manora)
8		1·1	0		0		0		10·5 [d]		0	0	0	0	0	0	30	0	0	1	0	0	0	0	0	28	1	0	Badin
																													Rajputana, West
6		0·7	0·15		0·12	26	1		5·1		1	2	3	2	1	12	5	3	1	5	3	0	0	0	8	8	4	2	Sri Ganganagar
6	− 0·4	1·9	0		0		0		5·4	+ 0·2	0	0	1	2	0	13	9	3	2	2	3	0	1	0	13	5	4	2	Bikaner
1	− 1·0	3·9	0·19	− 2·27	0·14	13	1	− 1·8	5·8	+ 2·6	3	2	0	0	1	19	4	0	1	4	1	1	1	5	11	5	1	1	Jodhpur
1		2·3	0		0		0		6·7		1	0	1	0	7	10	4	3	4	1	1	2	2	10	10	2	2	0	Barmer
																													Rajputana, East
0	− 2·7	2·3 [b]	0·01	− 3·37	0·02	3, 6	0	− 4·9	3·5	− 0·7	1	0	1	1	0	0	5	18	4	6	3	1	0	0	3	7	7	3	Jaipur
2	− 1·3	2·9	0	− 2·67	0		0	− 3·9	2·7	− 1·5	0	0	0	0	0	5	15	1	9	1	0	0	1	0	4	10	2	12	Ajmer
6	+ 0·3	4·8	0·48	− 3·93	0·48	14	1	− 4·5	3·2	+ 0·4	0	0	0	0	0	4	16	5	5	0	4	2	0	0	5	6	6	7	Kotah
7		4·3	0·56		0·56	3	1		2·4		1	0	2	0	0	8	10	5	4	3	2	2	1	0	1	10	6	5	Brijnagar
																													Gujarat
2	+ 0·3	2·8	0·18	− 3·36	0·08	2	0	− 3·7	5·9	+ 0·2	3	1	1	0	2	9	7	4	3	4	1	0	0	1	14	5	3	2	Deesa
3	− 0·9	3·8	0	− 1·88	0		0	− 2·2	6·7	− 1·4	0	0	0	0	0	9	19	2	0	1	0	0	0	0	10	15	3	1	Bhuj
3	− 0·8	3·7	0·05	− 1·01	0·02	1, 2	0	− 1·9	8·5	+ 0·3	0	0	0	0	1	11	13	5	0	0	0	0	0	0	9	17	4	0	Dwarka
5	+ 1·9		0	− 2·17	0		0	− 2·5	4·7	− 4·4	0	0	0	0	0	13	14	1	2										Jamnagar
4	+ 1·3	6·4	0·16	− 3·62	0·12	1	1	− 4·0	9·3	+ 2·6	1	0	0	0	0	6	15	8	0	1	2	0	0	0	4	9	14	0	Rajkot
1	− 1·2	3·0	0·23	− 2·08	0·11	2	1	− 2·9	5·0	− 1·3	1	0	0	1	0	5	13	8	2	0	0	0	0	0	2	18	10	0	Veraval
5	+ 0·7	3·9	2·89	− 3·00	1·21	15, 23	3	− 4·1	4·8	+ 0·8	2	1	1	1	0	5	11	8	1	1	1	0	0	7	15	4	2	0	Surat
2	+ 0·9	6·2	0·30	− 3·03	0·16	23	2	− 3·6	4·7	− 0·9	0	0	0	0	0	1	15	14	0	0	2	4	4	6	7	7	0	0	Bhavnagar
3	+ 0·1	3·5	0·24	− 3·49	0·11	3	1	− 3·5	3·8	+ 0·6	2	1	1	0	0	4	11	11	0	3	1	1	1	2	7	9	6	0	Ahmadabad
5			0·84		0·34	15	4				0	0	4	0	0	3	22	0	1										Dohad
7		3·4	0		0		0		3·5		3	0	0	0	0	4	7	11	5	0	1	0	0	0	4	9	7	9	Baroda

b—Mean of 29 days. *d*—Mean of 27 days.

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Re hu
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Central India, West																				
Neemuch ...	1,626	28·093	−·026	28·017	91·3	+ 3·2	97	7 days	71·5	+0·5	67	28, 29	79·5	88·6	71·9	73·0	·689	−·047	·616	69
Indore ...	1,823	27·919	−·015	27·815	87·6	+ 2·2	92	20,26,30	70·9	+0·8	65	28	76·1	84·3	71·4	72·3	·701	−·038	·633	79
Bhopal ...	1,643	28·082		27·976	89·8		94	19	72·7		68	28	78·4	86·0	72·6	73·7	·735		·680	75
Guna ...	1,571	28·132		28·038	91·9		96	22	71·6		63	28	79·8	88·7	73·6	74·4	·757		·642	74
Central India, East																				
Nowgong ...	750	28·931	−·012	28·827	94·3	+ 4·4	99	21,22,24	74·6	−0·3	68	26	82·1	91·1	75·7	78·0	·808	−·015	·781	73
Sutna ...	1,041	28·619	−·022	28·531	91·2	+ 3·4	96	22,24,25	75·3	+0·6	71	23	80·9	86·0	76·4	76·9	·835	+·007	·804	81
Umaria ...	1,506	28·189		28·094	87·4		92	14	73·3		69	25, 26	78·8	82·9	74·8	76·0	·812		·801	83
Berar																				
Akola ...	925	28·796	−·023	28·675	90·1	+ 0·6	95	5 days	73·5	+0·7	69	19	77·8	86·6	73·5	76·1	·750	+·001	·754	81
Amraoti ...	1,213	28·498	−·023		86·6	− 1·7	96	27	73·2	+1·0	68	19	77·1		72·9		·756	+·001		82
Central Provinces, West																				
Khandwa ...	1,044	28·679	−·021	28·565	92·0	+ 3·7	98	30	73·3	+0·2	69	28	79·9	87·8	73·6	74·8	·750	−·001	·691	73
Hoshangabad ...	992	28·722	−·016	28·604	89·8	+ 1·6	94	30	74·2	+2·0	71	4 days	73·6	86·9	74·3	76·8	·777	+·011	·790	81
Saugor ...	1,808	27·895	−·015	27·806	88·6	+ 2·1	92	9 days	72·7	+1·2	70	24, 25	79·1	85·3	72·5	73·3	·722	−·014	·643	73
Jubbulpore ...	1,289	28·409	−·004	28·306	89·3	+ 2·1	94	24	73·9	+1·8	70	25	78·8	86·5	74·7	77·1	·812	+·039	·797	82
Seoni ...	2,027	27·698	−·003	27·611	86·3	+ 1·2	90	4 days	71·2	+0·9	67	11	76·8	80·2	72·6	72·6	·756	+·025	·709	82
Nagpur ...	1,017	28·682	−·017	28·581	89·2	+ 0·1	99	27	74·0	+0·2	72	5 days	78·6	84·5	75·0	76·5	·819	+·042	·818	84
Central Provinces, East																				
Pendra ...	2,040	27·668	−·010	27·581	85·7	+ 2·4	91	21	72·1	+2·1	68	10	76·8	78·9	73·7	74·5	·800	+·062	·810	86
Raipur ...	970	28·718	−·015	28·625	87·4	− 0·6	93	24, 25	73·2	−1·7	67	25			76·7	77·6				
Kanker ...	1,318	28·381		28·285	85·5		90	15	73·4		70	24, 25	77·0	80·8	74·4	75·0	·801		·785	86
Chanda ...	634	29·074	−·021	28·972	87·9	− 1·1	93	14, 15	75·0	+0·6	71	10	77·7	83·1	75·5	77·7	·839	+·017	·862	90
Jagdalpur ...	1,813	27·893	−·026	27·802	84·8	− 0·4	89	13,25,26	71·9	+0·5	68	25	75·9	79·0	73·0	74·2	·772	−·015	·775	87
Konkan																				
Bombay ...	37	29·747	−·022	29·655	85·3	0	87	5 days	75·9	+0·4	73	26	79·2	81·7	76·6	77·2	·892	+·010	·865	89
Alibag ...	23	29·772			84·5		88	27	75·7		73	11,20,21	79·0		76·3		·862			88
Ratnagiri ...	207	29·587	−·020	29·507	82·1	− 2·0	85	8	74·1	−0·6	71	20	77·9	79·0	75·6	76·1	·869	+·018	·855	90
Marmagao ...	202	29·594	−·031	29·507	81·0		83	12 days	73·8		70	25, 30	76·7	78·6	75·2	75·9	·846		·862	93
Karwar ...	44	29·770	−·019	29·686	82·2	− 0·6	85	4 days	73·0	−1·1	70	20	76·8	79·2	75·1	75·5	·846	+·009	·819	92
Bombay Deccan																				
Jalgaon ...	660	29·061			90·8		96	30	73·9		69	18	77·3		73·8		·791			84
Malegaon ...	1,430	28·313	−·027	28·207	89·0	+ 0·3	94	15	70·4	+0·2	66	12	78·1	84·5	71·9	71·0	·703	−·004	·576	73
Ahmadnagar ...	2,154	27·620	−·027	27·513	85·1	− 1·1	91	13	67·8	−0·1	62	7	74·1	81·5	69·8	71·2	·676	+·010	·626	80
Poona ...	1,834	27·843	−·024	27·819	84·5	− 0·1	92	28	69·2	+0·1	65	7, 8, 10	74·5	78·3	70·8	72·3	·713	+·031	·708	83
Sholapur ...	1,570	28·184	−·030	28·075	86·6	− 0·6	91	4 days	71·2	+0·4	68	5	74·8	81·6	71·4	73·3	·714	+·036	·706	84
Miraj ...	1,824	27·955		27·848	82·4		89	13, 28	69·3		64	6	73·5	80·1	70·6	72·1	·720		·683	87
Inchalkaranji ...	1,795	27·981			85·5		94	13	68·9		65	10	73·6		70·6		·720			86
Bijapur ...	1,950	27·813	−·038	27·700	85·1	− 1·9	92	13	70·2	+0·4	66	24	74·7	81·6	70·1	71·7	·676	−·007	·658	79
Belgaum ...	2,562	27·254	−·016	27·165	79·4	+ 0·1	86	9	66·1	+0·6	63	8, 10	70·0	73·4	68·7	70·5	·689	+·025	·720	93
Gadag ...	2,131	27·661		27·548	83·8		90	10, 13	69·1		67	10,11,26	72·7	80·7	69·5	71·6	·670		·670	85
Hyderabad, North																				
Aurangabad ...	1,905	27·869	−·022	27·762	85·2	− 1·4	89	27,28,30	69·7	+0·7	65	18	75·2	80·9	70·9	72·4	·697	+·018	·669	81
Nizamabad ...	1,250	28·463	−·029	28·357	87·4	− 0·2	91	22,26,27	74·0	+1·4	70	9, 10	77·4	82·5	74·0	75·9	·791	+·036	·808	85
Hyderabad, South																				
Gulbarga ...	1,503	28·231	−·043	28·125	85·8	− 2·7	91	9, 27, 28	72·4	+1·0	69	25	75·5	81·3	71·8	73·2	·737	+·034	·709	83
Raichur ...	1,311	28·438	−·035	28·328	87·1	− 1·8	92	8, 13	72·7	+0·2	70	24, 25	76·1	83·9	72·4	74·3	·736	+·021	·710	83
Hyderabad(Begumpet)	1,778	27·962	−·017	27·853	85·1	− 0·9	90	22	71·6	+0·1	68	9, 22	75·6	80·1	72·7	74·4	·772	+·034	·769	87
Hanamkonda ...	877	28·815	−·044	28·719	87·3	− 1·3	95	27	75·3	+1·1	73	10,11,22	79·0	83·1	75·6	77·0	·848	+·057	·845	85
Mysore																				
Chitaldrug ...	2,405	27·396	−·030	27·287	82·3	− 1·6	88	13	68·3	+0·7	66	26	71·4	80·4	68·5	70·8	·667	+·021	·629	85
Balehonnur ...	2,917	26·925			76·1		80	27	64·2		61	24	68·0		66·7		·639			94
Hassan ...	3,149	26·703	−·029		81·2	+ 0·5	85	1, 9, 10	65·6	+1·1	63	11, 24	69·6		66·5		·612	−·006		84
Bangalore ...	3,021	26·821	−·028	26·718	80·0	− 1·7	85	9	66·6	+1·5	64	4 days	69·5	77·4	66·7	68·5	·626	−·004	·602	86
Mysore ...	2,518	27·308	−·035	27·215	82·8	− 1·4	87	4 days	66·9	+0·4	63	11, 24	72·0	78·5	68·2	69·9	·630	−·011	·618	82

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																STATION.
											8 hrs. L.' M. T.									17 hrs. I. S. T.								
Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																													Central India, West
2·9	− 1·2	4·3	0·03	− 4·82	0·03	2	0	− 6·4	6·0	− 0·2	0	0	0	0	0	27	2	0	1	4	3	1	0	0	10	12	0	0	Neemuch
5·6	− 0·7	6·4	2·03	− 4·50	0·72	24	5	− 3·4	4·1	+ 0·9	3	1	1	0	0	4	14	6	1	3	5	1	1	1	3	10	3	3	Indore
4·4		6·1	2·61		1·17	15	4		3·8		0	0	1	1	0	1	12	9	6	0	4	3	1	1	1	7	9	4	Bhopal
2·4		3·1	0·17		0·14	13	1		3·5		2	2	2	0	0	3	12	6	3	2	5	1	0	0	1	10	7	4	Guna
																													Central India, East
4·5	− 0·6	5·1	2·04	− 3·89	1·85	1	2	− 5·1	2·1	+ 0·4	0	1	3	0	1	12	7	1	5	3	8	2	0	0	1	3	1	12	Nowgong
5·6	+ 0·4	6·1	2·41	− 4·40	0·76	11	6	− 2·8	3·0	− 0·5	1	0	4	1	0	8	10	1	5	4	1	4	1	2	2	7	9	0	Sutna
6·4		7·4	9·33		2·47	1	10		3·0		1	0	1	2	1	2	9	6	8	1	1	4	1	1	1	9	5	7	Umaria
																													Berar
4·8	− 1·5	5·7	4·97	− 0·72	1·82	16	5	− 2·9	5·5	+ 0·7	2	1	1	0	0	0	7	14	5	3	3	1	1	1	0	3	9	9	Akola
5·9	+ 0·1		3·64	− 2·57	1·14	23	6	− 2·2	5·0	+ 1·1	2	3	0	1	1	5	16	4	0										Amraoti
																													Central Provinces, West
5·4	+ 0·1	6·6	0·73	− 5·19	0·40	25	3	− 4·3	5·8		1	1	1	0	0	3	18	6	0	6	4	2	0	0	2	8	7	1	Khandwa
6·1	+ 0·2	7·0	2·45	− 5·93	1·25	16	5	− 4·4	2·5	+ 0·5	0	1	2	1	3	8	6	2	7	1	2	1	0	2	6	4	0	14	Hoshangabad
4·2	− 0·8	4·9	2·82	− 4·12	0·99	1	5	− 4·2	7·8	+ 4·0	1	4	2	1	0	5	11	6	0	0	2	0	0	0	8	14	6	0	Saugor
6·6	+ 1·3	6·9	7·04	− 0·63	1·38	1, 11	9	− 0·7	2·0	− 0·1	0	0	0	0	1	12	3	0	14	2	4	0	0	0	5	2	1	16	Jubbulpore
7·4	+ 2·4	7·8	6·23	− 2·81	1·63	11	8	− 3·3	3·8	+ 0·9	5	6	3	1	0	0	1	4	10	4	7	2	5	3	1	2	2	4	Seoni
6·5	+ 0·8	7·6	5·71	− 2·54	1·16	15	10	− 0·8	2·5	− 1·2	1	2	2	1	0	1	11	4	8	1	3	5	0	0	7	6	1	7	Nagpur
																													Central Provinces, East
6·3	+ 1·6	7·5	8·95	+ 2·79	2·14	2	8	− 1·9	2·7	− 0·7	7	2	2	1	3	3	1	8	3	5	4	3	2	5	4	0	5	2	Pendra
6·8	+ 3·1	9·5	9·09	+ 1·66	2·20	10	12	+ 1·6	3·5	− 0·7	1	5	1	2	0	8	5	7	1	0	11	2	1	0	5	4	4	3	Raipur
7·9		8·7	9·54		2·37	2	14		3·7		0	3	1	0	0	5	4	1	16	0	1	1	2	1	14	3	6	2	Kanker
7·8	+ 2·0	8·1	7·86	− 1·32	3·57	10	12	+ 1·4	3·0	0	4	1	2	0	0	2	13	1	7	5	1	1	0	0	4	4	2	13	Chanda
8·0	+ 2·2	8·5	9·97	− 0·97	2·30	8	16	+ 2·2	3·0		0	3	0	0	1	2	7	2	15	2	3	0	0	1	2	5	1	16	Jagdalpur
																													Konkan
7·0	− 0·2	7·1	10·35	− 0·15	7·13	15	13	+ 0·3	5·2	− 1·4	3	2	3	8	1	4	3	6	0	8	0	0	0	0	0	2	20	0	Bombay
8·2			6·96		3·48	15	12		6·2		4	4	3	5	1	5	3	2	3										Alibag
5·7	− 0·7	6·0	19·83	+ 7·75	9·32	15	18	+ 3·1	5·4	+ 0·2	3	4	1	4	1	1	4	11	1	2	0	0	0	0	3	3	22	0	Ratnagiri
8·0	+ 1·1	8·0	14·88		6·91	13	16		6·6		3	5	1	1	10	0	3	7	0	1	0	0	0	1	2	11	15	0	Marmagao
6·4	+ 0·4	6·1	13·04	+ 6·01	7·68	30	17	+ 1·5	2·2	+ 0·2	2	2	0	0	1	3	1	2	19	5	5	0	0	2	8	0	7	3	Karwar
																													Bombay Deccan
5·3			6·62		2·47	16	7				0	0	0	0	0	0	27	0	3										Jalgaon
5·2	+ 0·6	6·7	11·82	+ 5·33	4·92	16	9	+ 1·4	4·8	− 1·5	3	1	1	0	0	3	15	3	4	6	4	2	0	0	1	9	6	2	Malegaon
6·0	+ 1·0	7·2	8·04	+ 1·68	1·70	15	12	+ 3·5	5·1	− 2·0	16	0	0	0	0	1	8	4	1	19	2	0	0	0	0	8	1	0	Ahmadnagar
5·3	+ 0·9	8·5	10·54	+ 5·70	5·21	21	9	+ 1·5	3·6		0	0	0	0	3	1	15	5	6	0	0	0	0	2	2	19	6	1	Poona
6·3	− 0·6	7·2	11·08	+ 3·10	2·10	24	12	+ 3·0	5·7	− 0·9	11	1	1	0	0	2	7	8	0	6	4	3	1	1	0	5	7	3	Sholapur
7·9		8·2	10·76		1·69	30	10		7·2		3	0	0	0	0	4	14	9	0	2	1	1	0	0	2	16	6	2	Miraj
8·5			7·85		2·29	21	9		6·7		3	1	0	0	0	5	13	5	0										Inchalkaranji
8·8	+ 2·8	9·0	9·75	+ 3·61	2·83	24	12	+ 3·1	5·3	− 0·8	6	2	0	0	0	2	11	9	0	3	6	0	0	1	1	10	9	0	Bijapur
7·1	− 0·5	7·0	5·89	+ 1·01	1·68	30	8	− 1·1	4·3	− 5·7	2	1	1	0	0	1	23	2	0	1	0	1	0	0	3	25	0	0	Belgaum
8·3		8·2	8·97		2·58	30	12		8·3		0	0	0	0	0	8	14	8	0	1	1	0	2	0	4	14	7	1	Gadag
																													Hyderabad, North
6·7	+ 0·7	7·6	14·42	+ 7·89	5·25	21	10	+ 1·4	6·2	− 0·5	6	1	1	0	0	2	14	4	2	5	4	1	0	1	1	8	9	1	Aurangabad
7·2	+ 1·1	8·0	9·40	+ 0·28	1·72	14	11	+ 1·2	3·6	− 0·1	2	4	0	1	3	5	5	7	3	4	7	0	1	0	1	6	5	6	Nizamabad
																													Hyderabad, South
7·8	+ 1·9	8·2	5·89	− 1·59	1·14	25	12	+ 1·3	6·8	+ 0·1	3	2	1	0	1	4	9	10	0	5	5	1	0	1	4	7	7	0	Gulbarga
6·5	+ 1·1	6·7	8·35	+ 1·16	2·06	29	14	+ 3·7	7·1	− 0·1	4	1	0	0	1	8	10	6	0	12	0	1	1	2	5	4	5	0	Raichur
6·0	+ 1·6	9·1	6·79	− 0·29	2·11	8	13	+ 3·7	3·5	− 2·7	1	1	1	0	0	1	8	12	6	3	5	0	0	1	3	8	7	3	Hyderabad(Begumpet)
7·1	+ 1·1	7·9	7·67	+ 0·84	1·25	22	15	+ 6·3	5·1	+ 0·7	12	2	0	3	2	0	2	8	1	8	6	2	2	4	1	1	2	4	Hanamkonda
																													Mysore
7·5	+ 1·2	8·6	5·66	+ 1·19	2·26	30	7	− 0·7	6·7	+ 0·9	1	0	0	0	0	6	19	4	0	1	0	0	0	0	2	18	8	1	Chitaldrug
7·8			6·58		1·55	29	14		2·7		3	0	0	2	1	1	5	12	6										Balehonnur
7·9	+ 0·4		2·17	− 2·10	0·55	18	8	− 0·5	6·3	+ 2·2	0	0	0	0	0	11	8	11	0										Hassan
6·3	+ 1·3	9·2	6·82	− 0·16	1·78	30	9	− 0·4	8·2	+ 2·9	0	0	0	0	0	2	24	4	0	1	0	0	0	0	7	14	8	0	Bangalore
6·6	+ 1·1	8·0	5·55	+ 0·57	1·96	4	9	+ 0·3	6·5	− 0·2	1	0	0	0	1	13	11	2	2	0	0	0	0	0	9	15	1	5	Mysore

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Relati humid %	
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Malabar																					
Mangalore ...	72	29·745	−·033	29·656	82·2	− 2·3	86	2, 10, 11	74·0	− 0·1	70	24	77·1	79·1	75·1	75·9	·839	−·002	·855	91	+ 4
Calicut ...	27	29·804	−·020	29·712	84·7	+ 0·9	88	1, 12	74·3	− 0·2	70	24	77·0	81·2	74·7	76·7	·835	−·009	·865	90	0
Cochin ...	10	29·826	−·026	29·736	82·0	− 3·0	84	4 days	75·2	+ 0·6	72	26	78·6	79·8	75·6	76·1	·855	+·018	·846	87	+ 2
Trivandrum ...	200	29·618	−·034	29·525	84·9	+ 1·8	91	5	75·8	+ 0·8	74	20,24,25	79·2	81·5	75·6	76·1	·848	+·048	·821	84	+ 1
Madras, Southeast																					
Pamban ...	37	29·728	−·038	29·633	88·3	− 1·0	91	11, 12	79·4	+ 1·0	73	24	83·1	83·3	77·7	77·9	·884	+·017	·882	77	− 1
Madura ...	463	29·301	−·037	29·187	94·3	− 0·6	97	9 days	76·8	+ 1·3	73	8	82·5	88·7	73·1	75·0	·632	−·069	·684	62	− 7
Négapatam ...	31	29·735	−·026	29·622	91·7	− 0·9	95	2, 8	78·9	+ 2·1	74	8	82·2	87·3	75·5	78·4	·776	−·054	·836	72	− 4
Trichinopoly ...	255	29·505	−·041	29·379	92·7	− 2·5	97	2, 17	76·5	+ 0·7	73	4	80·6	89·2	73·9	76·2	·750	−·007	·720	72	+ 1
Coimbatore ...	1,341	28·438	−·036	28·329	87·8	− 1·3	92	4, 8, 9	71·4	+ 0·6	69	11,24,25	77·0	81·9	71·7	73·0	·709	−·033	·689	77	− 6
Salem ...	913	28·857	−·034	28·728	89·6	− 1·9	93	6 days	73·8	+ 1·3	69	21	76·7	86·0	72·7	74·7	·756	−·022	·711	82	+ 2
Cuddalore ...	39	29·709	−·036	29·594	91·7	− 0·5	96	17	76·9	+ 0·5	73	5	81·4	87·8	75·6	78·6	·815	−·038	·867	76	− 3
Vellore ...	703	29·038	−·041	28·914	89·5	− 2·5	94	2	74·7	− 0·6	71	9, 23, 24	79·6	86·3	74·4	76·2	·770	−·003	·760	79	+ 3
Madras ...	22	29·710	−·041	29·601	91·0	− 1·7	95	4 days	76·7	+ 0·1	73	9	81·2	86·4	76·4	79·5	·843	−·005	·911	80	+ 2
Madras, Deccan																					
Cuddapah ...	428	29·326	−·030	29·192	89·2	− 4·3	96	8	75·1	− 1·0	72	14,15,24	79·7	86·7	75·4	77·6	·806	+·025	·835	80	+ 6
Bellary ...	1,473	28·275	−·044	28·157	87·1	− 3·6	92	8, 9	73·3	+ 0·4	70	4 days	76·6	83·9	72·0	74·6	·723	+·062	·738	80	+10
Kurnool ...	923	28·809	−·042	28·686	87·2	− 2·7	91	7, 27	74·0	+ 0·2	72	6 days	77·4	84·6	72·9	75·2	·750	+·007	·738	80	+ 2
Rentichintala ...	349	29·356		29·247	90·4		95	27	76·9		73	25	81·1	86·1	76·6	76·9	·865		·804	91	
Madras Coast, North																					
Nellore ...	66	29·653	−·036	29·537	92·0	− 2·6	100	8	77·2	− 0·5	72	8	81·4	88·4	76·4	79·0	·828	−·002	·860	79	+ 5
Masulipatam ...	10	29·683	−·048	29·574	88·5	− 2·3	93	8	78·5	+ 1·0	75	9, 29	81·9	85·8	78·5	79·9	·942	+·029	·940	85	+ 2
Cocanada ...	26	29·664	−·035	29·567	89·1	− 0·8	97	26	77·8	− 0·6	73	26	81·9	85·5	78·4	79·1	·910	+·004	·901	85	+ 2
Vizagapatam ...	126	29·544	−·037	29·462	87·3	− 1·1	91	7	78·1	0	75	23, 29	82·2	83·3	78·1	79·1	·903	+·027	·935	83	+ 4
Calingapatam ...	19	29·652	−·032	29·571	89·2	− 0·6	94	5	78·6	+ 0·3	75	22	81·9	83·6	78·9	79·5	·948	+·013	·935	87	+ 1
Hill Stations, excluding Kashmir and Baluchistan																					
Maymyo ...	3,546	26·327	−·006	26·253	78·8	+ 1·4	85	29	66·6	+ 1·9	61	28	71·3	74·1	68·9	70·7	·678	+·007	·716	88	− 3
Haka ...	6,100	24·029		23·968	68·8		74	3, 9	59·3		56	22, 23	62·5	64·5	60·5	63·4	·515		·534	39	
Kanpetlet ...	6,922	23·848		23·785	69·8		74	4 days	59·0		55	29	64·3	63·6	61·1	61·2	·504		·509	85	
Shillong ...	4,921	25·033	−·013	24·960	75·0	+ 0·6	81	29	62·4	+ 0·7	56	23, 24	68·3	69·2	65·0	66·2	·576	+·010	·603	84	0
Cherrapunji ...	4,309	25·557	−·049	25·513	73·6	+ 0·2	82	29	65·4	+ 1·1	63	19, 22	68·8	69·9	66·2	67·0	·609	−·006	·626	87	− 3
Aijal ...	3,599	26·227		26·151	76·6		83	28, 29	66·2		61	22	70·4	70·9	68·4	69·3	·660		·690	91	
Darjiling ...	7,432	22·892	−·026		65·5	+ 1·2	72	29, 30	56·9	+ 1·2	54	4 days	60·7		59·1		·433	+·003		93	− 1
Kalimpong ...	3,913	25·932	−·032	25·853	75·3	+ 1·0	81	29	66·1	+ 0·7	61	21	69·0	71·8	67·7	69·4	·666	+·015	·678	94	+ 2
Katmandu ...	4,388	25·524		25·460	84·8	+ 0·9	92	30	65·1	− 0·4	60	22,24,30	70·5	78·3	67·2	72·5	·620		·740	83	
Muktesar ...	7,592	22·786	−·010	22·733	69·4	+ 1·0	75	30	54·9	+ 0·1	50	25	61·1	64·2	55·7	58·6	·391	−·032	·441	74	− 9
Mussooree ...	6,940	23·310	+·021	23·279	70·3	+ 2·0	79	30	57·9	+ 0·7	47	24, 25	62·0	65·5	57·6	60·9	·434	−·032	·488	79	− 6
Simla ...	7,224	23·066	+·002	23·028	71·5	+ 2·8	75	14, 30	58·5	+ 2·2	51	25	65·0	65·6	55·0	57·5	·328	−·069	·381	54	−18
Murree ...	7,082	23·181	+·016	23·158	73·8	+ 3·9	78	15, 16	55·9	+ 1·3	47	24	65·4	70·4	53·2	57·8	·277	−·112	·350	45	−22
Cherat ...	4,272	25·604	−·011		87·0	+ 2·7	92	14, 15	67·2	+ 1·6	61	24	72·6		60·0		·372	−·093		47	−12
Parachinar ...	5,673	24·393	+·020	24·352	82·9	+ 1·8	88	15, 30	58·9	+ 0·2	52	25	70·8	77·6	57·8	61·7	·345	−·036	·387	45	− 8
Drosh ...	4,723	25·260			87·2	− 1·4	97	11, 30	62·0	− 2·7	55	22	65·8		54·4		·284	−·093		47	− 5
Mount Abu ...	3,945	25·928	−·002	25·870	77·2	+ 2·0	86	30	65·9	+ 1·1	61	10	72·1	75·5	63·7	67·0	·496	−·053	·562	66	−13
Pachmarhi ...	3,523	26·316	+·005	26·228	79·9	+ 2·4	84	20, 30	66·5	+ 0·3	60	28	72·8	75·2	68·7	69·8	·661	+·032	·668	81	− 3
Mahabaleshwar ...	4,534	25·421		25·353	69·9		77	27,28,30	60·3		57	12	64·7	66·0	63·6	65·2	·584		·605	95	
Mercara ...	3,781	26·112	−·025	26·036	71·2	− 0·7	74	5 days	62·2	+ 0·6	57	24	64·7	67·7	64·1	66·1	·589	+·011	·621	97	+ 3
Ootacamund ...	7,364	23·007	−·005	22·941	63·7	− 0·7	67	2, 9, 18	51·2	+ 0·1	47	12	56·3	58·7	54·4	56·3	·396	+·004	·422	89	+ 6
Coonoor ...	5,730	24·379			70·5		74	28	56·8		51	11	65·1		59·6		·453			73	
Kodaikanal ...	7,688	22·743	−·004	22·682	62·3	+ 0·2	66	3	52·7	+ 0·7	50	11	56·8	57·3	54·3	55·8	·396	+·027	·429	86	+ 8
Ceylon																					
Colombo ...	24	29·818	−·010	29·728	84·6	− 1·6	87	9, 11, 12	76·9	+ 0·2	73	15, 20	80·1	82·6	76·3	77·2	·844	−·011	·852	83	− 1
Trincomalee ...	24	29·756	+·008	29·659	91·6	− 0·1	95	10	77·2	+ 0·7	74	20, 21	80·9	86·4	74·8	76·7	·764	−·040	·794	75	− 6
Hambantota ...	61	29·726	−·015	29·635	87·5	+ 0·6	94	16	76·8	+ 0·9	74	23	79·8	82·3	76·0	76·2	·844	+·017	·814	83	− 6
Nuwara Eliya ...	6,170	24·032		23·968	65·7		72	2, 3, 5	54·4		50	2, 3, 4	58·8	60·3	57·1	58·0	·447		·457	91	
Arabia																					
*Aden ...	98	29·642	−·008		94·1	+ 0·8	99	9, 13	81·7	− 0·9	74	28	84·2		80·7		1·008	+·082		85	+ 7

* Records observations at 7 hrs. (L. M. T.).

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																STATION.
											8 hrs. L. M. T.										17 hrs. I. S. T.								
8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																													Malabar
5	+1·2	8·3	12·69	+ 2·27	2·50	24	19	+ 3·7	4·4	+ 2·0	2	9	8	2	1	0	1	6	1	1	0	0	2	1	3	5	18	0	Mangalore
5	+1·9	8·3	8·03	+ 0·30	3·16	29	9	− 2·4	6·5	+ 2·0	1	7	4	2	1	0	5	9	1	1	0	0	0	0	4	12	13	0	Calicut
4	+2·2	8·8	7·05	− 1·93	0·98	17	14	0	6·6	+ 2·3	5	7	3	1	1	1	3	5	4	1	0	0	0	0	2	11	16	0	Cochin
0	−0·1	8·4	6·92	+ 2·78	3·56	28	9	+ 1·3	6·5	+ 1·0	19	0	0	0	0	0	1	20	0	0	0	0	0	0	0	8	20	2	Trivandrum
																													Madras, Southeast
8	+1·4	5·7	2·67	+ 1·47	2·01	20	2	− 0·1	9·3	+ 2·0	0	3	1	4	3	11	6	1	1	0	0	0	7	13	9	1	0	0	Pamban
6	+1·0	8·7	2·49	− 2·62	1·18	8	2	− 4·7	4·9	+ 3·0	1	1	1	0	0	1	14	12	0	0	2	4	4	1	6	9	4	0	Madura
1	+1·0	6·0	1·71	− 2·06	1·53	8	2	− 4·2	5·7	+ 1·3	0	0	0	0	0	8	21	1	0	0	0	1	6	8	6	9	0	0	Negapatam
5	+2·2	8·4	2·08	− 2·75	0·63	20	4	− 2·4	5·6	+ 1·2	0	0	0	0	0	2	24	4	0	1	1	0	0	2	6	11	8	1	Trichinopoly
3	+1·6	7·4	1·49	− 0·02	0·68	24	4	+ 0·6	6·7	+ 2·2	0	0	0	1	11	12	2	0	4	0	0	0	1	10	13	4	0	2	Coimbatore
6	+1·5	7·9	3·87	− 2·72	0·91	21	8	− 1·0	4·3	+ 1·6	1	0	0	0	4	11	10	1	3	0	3	1	1	2	9	10	2	2	Salem
6	+1·3	6·0	4·44	− 1·62	2·13	5	6	− 1·0	5·3	+ 2·4	0	0	0	0	6	13	8	1	2	0	0	0	11	5	8	6	0	0	Cuddalore
1	+3·3	8·0	10·18	+ 2·91	2·80	14	13	+ 3·2	3·6	+ 1·3	0	0	0	0	0	5	6	13	6	1	2	1	2	4	12	5	2	1	Vellore
5	+1·3	7·6	5·81	+ 0·82	1·38	9	7	− 0·1	9·3	+ 0·7	1	0	0	0	2	11	13	3	0	2	0	2	11	7	3	4	1	0	Madras
																													Madras, Deccan
7	+1·9	8·5	11·28	+ 5·01	2·80	14	13	+ 4·3	2·6		1	1	0	1	0	0	12	11	4	4	0	0	1	0	1	8	9	7	Cuddapah
0	+1·2	8·6	7·96	+ 2·88	2·10	29	7	− 0·7	5·1	− 1·2	0	0	0	0	0	1	12	12	5	4	0	0	0	0	1	10	11	4	Bellary
7	+2·2	9·2	6·27	+ 0·10	1·98	29	12	+ 2·4	6·1	+ 0·2	0	1	0	0	0	8	13	8	0	2	1	0	1	1	5	6	12	2	Kurnool
2		8·7	8·48		2·74	29	9		5·6		2	0	0	0	4	6	12	6	0	8	2	0	1	2	3	8	6	0	Rentichintala
																													Madras Coast, North
5	+0·2	7·6	12·88	+ 3·13	3·52	15	11	+ 4·6	4·2	− 0·3	0	0	0	0	4	3	18	5	0	2	0	2	7	2	1	11	4	1	Nellore
6	+1·8	9·0	7·11	+ 0·91	1·90	22	10	+ 0·6	5·4	+ 1·0	0	1	0	3	0	13	0	13	0	0	1	0	12	0	7	0	10	0	Masulipatam
5	+0·1	7·2	15·02	+ 9·27	5·05	29	18	+ 4·6	5·6	+ 1·5	0	0	2	2	1	10	2	3	10	0	1	0	7	2	10	2	5	3	Cocanada
5	+0·4	9·0	12·32	+ 5·80	4·31	29	13	+ 4·5	4·2	+ 1·4	4	2	1	0	0	1	9	4	9	1	3	1	6	6	6	4	1	2	Vizagapatam
3	+2·2	7·9	14·40	+ 7·02	3·54	28	15	+ 5·8	5·1	+ 0·7	3	1	1	0	0	1	11	12	1	0	2	5	4	4	9	5	1	0	Calingapatam
																													Hill Stations, excluding Kashmir and Baluchistan
1	−0·6	6·6	4·62	− 5·55	0·88	23	11	− 4·3	2·4	+ 1·0	0	0	2	0	4	5	0	0	19	0	1	3	0	7	2	0	1	16	Maymyo
3		8·5	6·50		0·82	14	17		6·2		3	5	5	2	3	5	1	1	5	1	4	6	2	3	4	1	2	7	Haka
8		7·3	12·15		2·37	17	20		4·3		6	7	4	2	1	3	5	1	1	2	3	1	0	0	2	8	5	9	Kanpetlet
3	+1·6	8·7	15·67	+ 4·94	4·19	18	17	− 0·6	2·3	+ 1·0	0	1	3	1	1	3	1	1	19	1	0	0	0	3	5	1	1	19	Shillong
0	+0·5	7·6	94·76	+56·78	24·66	19	16	− 2·9	7·2	+ 4·0	1	10	2	3	3	10	1	0	0	0	9	1	2	3	9	2	0	4	Cherrapunji
9		7·8	20·93		5·36	20	17		6·2		0	2	14	4	6	4	0	0	0	1	0	4	0	3	8	6	7	1	Aijal
5	−0·6		14·59	− 5·41	3·85	4	15	− 2·2	3·6	+ 0·4	1	4	13	2	1	2	3	0	4										Darjiling
7	+1·2	6·5	8·95	− 1·98	2·92	2	11	− 1·6	6·8		1	0	0	3	0	0	0	22	4	0	0	0	25	5	0	0	0	0	Kalimpong
1		6·0	5·30	− 1·62	1·05	5	8	− 4·4	0·9		2	3	4	2	0	0	0	0	19	2	3	1	2	0	0	1	3	18	Katmandu
5	−1·9	5·4	2·99	− 4·57	0·99	7	6	− 3·4	8·0	+ 3·4	2	4	1	2	0	2	12	4	3	0	1	1	2	0	6	20	0	0	Muktesar
4	−0·4	5·4	2·51		0·75	7	6		4·8		7	1	2	3	3	2	0	5	7	2	0	2	0	7	7	3	0	9	Mussooree
4	−1·9	3·2	1·60	− 4·60	1·37	6	2	− 6·9	2·3	− 0·5	1	11	6	4	1	0	0	1	5	2	6	0	1	3	5	0	9	4	Simla
5	−1·4	2·5	1·17	− 4·44	0·40	24	4	− 3·1	6·1		3	5	3	3	1	3	6	2	4	0	2	1	5	1	5	13	3	0	Murree
5	−1·7		1·56	− 0·60	1·43	3	1	− 2·0	5·8	+ 1·2	6	4	2	6	3	0	1	2	6										Cherat
6	−1·8	3·6	1·45	− 0·75	0·60	26	6	+ 1·3	4·6	+ 2·4	18	2	7	1	2	0	0	0	0	1	3	13	7	5	1	0	0	0	Parachinar
4	−1·4		0·20	− 0·43	0·09	21	0	− 1·7	5·0	+ 1·7	0	0	5	1	0	1	0	0	23										Drosh
4	−1·7	4·0	3·17	− 5·79	1·66	2	5	− 2·8	4·9	− 0·8	3	2	1	0	3	10	5	2	4	3	2	1	1	3	7	9	2	2	Mount Abu
9	+0·9	7·9	4·45	− 9·36	1·42	11	11	− 2·0	3·7	− 0·9	2	2	3	1	0	0	11	11	0	5	4	2	0	1	1	7	9	1	Pachmarhi
8		9·9	23·38	− 4·97	5·25	20	25	+ 2·2	7·6		10	6	0	0	0	2	6	6	0	3	3	0	0	0	2	10	12	0	Mahabaleshwar
4	−0·9	6·6	13·99	+ 3·17	1·07	30	13	+ 0·9	7·7	+ 3·1	1	0	0	0	0	0	7	9	13	1	0	0	0	0	0	9	10	10	Mercara
1	−0·2	8·9	6·35	+ 2·18	2·00	4	12	− 0·5	4·2	+ 0·8	1	0	0	0	0	2	10	4	13	2	3	0	0	0	4	8	3	10	Ootacamund
2			5·55		2·76	4	9		3·5		1	1	1	2	8	1	1	10	5										Coonoor
2	+0·5	9·3	8·34	+ 1·09	2·19	4	10	− 3·7	5·2	− 3·1	1	1	0	0	0	0	3	13	12	5	1	0	3	3	0	1	11	6	Kodaikanal
																													Ceylon
5	+0·5	8·2	5·73	+ 0·85	0·99	19	13	+ 4·6			0	0	0	1	1	17	10	1	0	0	0	0	0	0	14	14	2	0	Colombo
4	+1·3	7·1	2·18	− 2·44	0·74	22	7	+ 0·9			0	0	0	0	2	15	13	0	0	2	0	5	3	0	7	12	1	0	Trincomalee
9	+0·2	6·4	2·29	− 0·75	0·59	23	7	+ 1·7			0	0	0	0	0	0	28	2	0	0	0	0	0	0	10	17	3	0	Hambantota
5		9·6	11·70	+ 3·23	2·25	26	17																						Nuwara Eliya
																													Arabia
5	+0·8		1·69	+ 1·44	1·20	28	2	+ 1·8			8	1	9	3	6	2	0	0	1										*Aden

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Rel hun
		Mean 4 hrs. G. M. T.	Departure from normal.	Mean 12 hrs. G. M. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 4 hrs. G. M. T.	Mean 12 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Mean 12 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Departure from normal.	Mean 12 hrs. G. M. T.	Mean 4 hrs. G. M. T.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Iran																				
Charbar ...	25	29·676		29·620									82·2	85·6	77·7	79·4	·896		·908	81
Jask ...	13	29·688		29·609	94·0	+ 0·8	103	5	81·6	+ 0·7	77	8	86·4	91·3	76·5	81·3	·790		·920	65
Bandar Abbas ...	29	29·666		29·569	99·8		108	4	81·5		77	27	92·6	95·5	83·7	87·8	1·041		1·219	69
Bushire ...	14	29·652		29·599	96·7	+ 2·9	109	7	83·3	+ 4·1	78	21,25,28	87·0	94·7	82·6	87·9	1·065		1·226	82
Ispahan ...	5,817	24·50*		24·46*	88·5	- 1·1	95	4	57·3	+ 0·6	49	13, 25	65·4	86·0	54·5	63·4	·317		·338	49
Meshed ...	3,104	26·62*		26·55*	87·7	+ 4·7	95	30	47·6	- 3·3	41	12	65·5	83·5	52·3	60·1	·238		·245	39
Seistan ...		28·212		28·113	98·6	+ 5·8	106	21	69·3	+ 3·0	64	13	76·7	96·6	61·3	72·4	·343		·482	39
Arabia																				
Bahrain ...	8	29·672		29·633	99·9	+ 5·8	112	13	84·9	+ 2·9	80	6 days	90·3	96·2	82·5	85·5	1·018		1·058	71
Muscat ...	15	29·674		29·622	92·8	+ 2·2	101	30	82·8	- 0·1	77	9	86·8	88·2	78·7	81·2	·880		·961	70
Sharjah ...	18	29·683		29·614	99·3		111	7	76·8		73	4 days	84·0	94·5	74·8	83·4	·745		·977	65

*Aneroid.

TABLE IV—ABSTRACT OF OBSERVATIONS RECORDED AT 8 HRS. (L. M. T.) AT 4TH CLASS STATIONS—SEPTEMBER 19

STATION.	Maximum temperature °F.				Minimum temperature °F.				Mean dry bulb temperature 8 hrs. L. M. T. °F.	Mean wet bulb temperature 8 hrs. L. M. T. °F.	Vapour pressure, inches.		Relative Humidity %		Mean cloud amount 8 hrs. L. M. T.	Rainfall, inches.				Number of rainy days (0·10" or more).		W
	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.			Mean 8 hrs. L. M. T.	Departure from normal.	Mean 8 hrs. L. M. T.	Departure from normal.		Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Resultant direction
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Assam																						
Lumding ...	88·9	0	94	5	75·7	+ 0·8	70	22	79·6	76·9	·892		89			8·62	+1·75	1·98	19	9	- 1·9	
Bengal																						
Pabna ...	90·6	- 1·0	97	29	79·7	+ 3·3	76	19, 20	85·1	81·4	1·009	+ ·044	85	+ 1		11·57	+3·31	3·35	19	12	+ 0·7	
Punjab, East and North																						
Gurdaspur ...									80·3	71·9	·669		66		1·0	0		0		0		S 83
Kashmir																						
Jammu ...	89·1	- 2·9	95	9, 20	77·1	+ 2·3	69	25, 26	81·0	69·9	·584	- ·110	55	- 12	0·8	0·17	-3·27	0·09	26	0	- 3·8	N 51
Kargil ...	74·3	- 5·1	83	2, 5	50·7	+ 1·5	43	25, 27	59·5	54·4	·373	+ ·147	74	+32	4·0	0	-0·15	0		0	- 0·6	N 26
N.W. F. Province																						
Bannu ...	100·5	+ 3·1	106	15	74·6	+ 1·3	70	22,28,29	85·2	70·8	·562	- ·089	47	- 13	0·6	0·07	-0·54	0·07	1	0	- 1·2	Calm
Wana ...	89·3		94	14	59·2		52	28	74·2	57·8	·291		35		0	0		0		0		S 26
Hyderabad, North																						
Bidar ...	83·4	- 0·8	87	27	70·4	+ 2·4	67	25	74·3	71·6	·752	+ ·044	88	+ 5	7·9	5·36	-4·53	1·09	23	13	+ 1·6	N 65
Mysore																						
Nandi ...	71·1		75	9	62·0		60	14, 16	63·2	62·7	·563		97			10·12		2·98	24	12		N 72
Tibet																						
Yatung (Chumbi) ...	65·0	+ 2·6	70	11	46·1	- 1·3	37	24	52·0	51·0	·365	- ·001	94	+ 4	6·4	3·15	-1·92	0·61	17	8	- 3·9	
Iran																						
Zahidan ...	89·0		95	23, 27	53·1		47	7	71·6	51·1	·138		18		0·2	0		0		0		N 18

Cloud amount (tenths of sky)			Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																STATION.
											4 hrs. G. M. T.									12 hrs. G. M. T.								
4 hrs. G. M. T. Departure from normal.	Mean 12 hrs. G. M. T.		Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
25	26		27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																													Iran
8	0·8	b	0		0		0		4·3		0	6	1	8	0	3	1	0	11	0	0	0	12	9	8	0	0	0	Charbar
7	0·3		0	0	0		0	0	8·0	- 0·1	2	6	16	0	0	0	1	3	2	0	0	0	5	6	9	10	0	0	Jask
3	0·2		0		0		0		6·5		6	9	3	2	0	0	0	3	7	0	0	0	7	18	5	0	0	0	Bandar Abbas
0	0·3		0	0	0		0	0	7·5	+ 2·5	8	5	7	7	0	0	0	1	1	0	0	0	0	2	9	9	10	0	Bushire
5	3·4		0·81	+ 0·78	0·78	13	1	+ 0·9	1·8	0	1	0	0	0	0	1	2	2	24	2	2	2	2	1	4	3	3	11	Ispahan
8	1·2		0	- 0·02	0		0	- 0·1	1·3	+ 0·2	0	0	0	0	0	0	0	0	30	0	0	11	5	0	0	0	0	14	Meshed
5	0·5		0	0	0		0	0	13·4	+ 1·5	0	0	0	0	0	0	0	20	10	0	0	0	0	0	0	0	18	12	Seistan
																													Arabia
7	0·3		0	0	0		0	0	6·0		3	1	1	3	4	2	4	7	5	15	4	5	3	0	0	0	3	0	Bahrain
1	0·2		0	0	0		0	0	2·4	- 0·4	0	2	0	1	0	0	1	7	19	2	9	0	11	0	0	1	5	2	Muscat
5	0·2		0		0		0		5·9		0	0	0	12	11	2	0	0	5	4	1	0	0	0	0	8	17	0	Sharjah

b—Mean of 29 days. *f*—Mean of 25 days.

TABLE V—ABSTRACT OF OBSERVATIONS RECORDED AT 8 HRS. (L. M. T.) AT 5TH CLASS STATIONS—SEPTEMBER 1938

DIVISION.	STATION.	Rainfall, inches.				Number of rainy days (0·10" or more).		DIVISION.	STATION.	Rainfall, inches.				Number of rainy days (0·10" or more).	
		Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.			Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.
1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8
engal ...	Bankura ...	3·34	- 5·40	1·42	5	8	- 3·5	Baluchistan ...	Harnai ...	0·48	- 0·58	0·48	26	1	- 0·7
	Rampur Boalia ...	11·09	+ 1·05	5·52	19	7	- 5·2								
	Sirajganj ...	14·91	+ 5·20	7·20	19	12	+ 0·4	Rajputana, East...	Udaipur ...	0·03	- 3·88	0·03	18	0	- 5·2
	Rangpur ...	7·30	- 6·44	1·12	9	14	+ 0·9	Bombay Deccan ...	Khandala ...	22·95		6·09	25	23	
	Cooch Behar ...	17·61	- 8·79	4·80	8	15	- 0·8	Hyderabad, North.	Parbhani ...	10·18	+ 1·41	5·36	18	9	- 1·5
ihar ...	Muzaffarpur ...	12·02	+ 4·48	2·90	10	12	+ 3·1								
	Chapra ...	9·79	+ 2·36	3·96	16	11	+ 2·2	Madras Southeast.	Palamcottah ...	1·40	+ 0·10	0·55	21	5	+ 3·1
	Arrah ...	9·49	+ 1·52	1·85	18	14	+ 4·6	Madras Deccan ...	Anantapur ...	5·73	- 1·55	1·50	23	13	+ 5·1
	Dehri ...	10·20	+ 3·32	2·65	17	11	+ 2·2	Sikkim ...	Lachung ...	9·20	+ 1·66	1·22	5	22	+ 2·1
nited Provinces Vest.	Meerut ...	0·60	- 5·47	0·60	18	1	- 4·0								
unjab, East and North.	Dharampore ...	0·75		0·75	24	1									
	Kyelang ...	0·24	- 1·62	0·18	20	1	- 1·7								
	Dalhousie ...	2·50	- 2·99	2·12	3	2	- 5·0								
ashmir ...	Sonamarg ...	4·10	+ 0·63	2·10	22	5	- 2·5								
	Gurez ...	0·75		0·25	23	5									

Y. P. P.—S 2066—325—23-12-38.

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MONTHLY FREQUENCY TABLES

of

Horizontal Visibility, Height of Base of Low Cloud and Surface and Upper Winds at Pilot Balloon Stations

September 1938

Supplement to the Monthly Weather Report, September 1938

Published by authority of the Government of India

Tables of Wind Frequency:—Data for tables 1, 4, 7 and 10 are obtained from routine pilot balloon ascents. They are classified under four sets of tables according to the times of their commencement. Ascents in day-light starting at hours before 0830 hrs. I. S. T. have been classified under "morning". Most of these ascents begin at about 10-15 minutes before sunrise; thus the times will be different at different stations. Ascents starting at hours varying from 0830 to 1200 hrs. are classified as "forenoon" and those from 1200 to 1700 hrs. as "afternoon". Night ascents with lanterns which start after 0300 hrs. are classified as "late night". The most frequent times of commencement of the ascents which have been classified as "forenoon", "afternoon", and "late night" are 0900, 1400 and 0330 hrs. I. S. T. respectively.

The symbols used in the tables of wind frequency have the following meaning:— ϕ = Latitude of the station; λ = Longitude of the station; H_s = Height of the anemometer head (i.e. to which the values of the surface wind relate) above mean sea level; C = the number of observations when the speed of wind is 5 km./hr. or less and n = number of observations.

Tables of Frequency of Heights of base of Low cloud:—Tables 2, 5, 8 and 11 are based on observations made at the routine hours of pilot balloon flights or within half an hour of the same. Heights which are either measured or estimated are given.

In the first row of these tables, for amounts of low cloud 1-10, the number under code figure 9 gives occasions when there was no low cloud, and in the second row, for amount of low cloud = 9 or 10, the number under this code figure gives all occasions when the total amount of cloud (whether low, medium or high) was 9 or 10.

Tables of Frequency of Horizontal Visibility:—Data for tables 3, 6, 9 and 12 are obtained from observations near the times of the routine pilot balloon ascents.

The Code figures used in the tables Nos. 2, 3, 5, 6, 8, 9, 11 and 12 have the following meaning:—

Code figure ...	0	1	2	3	4	5	6	7	8	9
Cloud height ...	Less than 50 m.	50 to 99 m.	100 to 199 m.	200 to 299 m.	300 to 599 m.	600 to 999 m.	1000 to 1499 m.	1500 to 1999 m.	2000 to 2500 m.	No Low cloud Total amount of cloud = 9 or 10
Visibility ...	Less than 50 m.	50 to 200 m.	200 to 500 m.	500 to 1000 m.	1000 to 2000 m.	2000 to 4000 m.	4000 to 10000 m.	10000 to 20000 m.	20000 to 50000 m.	Greater than 50000 m.

POONA:
The 5th September 1939.

S. K. BANERJI,
Offg. *Director-General of Observatories.*

[Price 6 annas.]

U97

STATION.	Speed limits (km./hr.).	Surface, n	N	NE	E	SE	S	SW	W	NW	C	0·5 km. above Surface. n	N	NE	E	SE	S	SW	W	NW	C	1·0 km. a. s. l. n	N	NE	E	SE	S	SW	W	NW	C	2·0 km. a. s. l. n	N	NE	E	SE	S	SW
Agra	6–25	30			2			2	4	1	21	30	3				1	4	2	1	2	1	30	2	1	1	1	3	3	1	2	1	30	6	4				
ϕ = 27° 08′ N	26–50																1		1	3	9									1	12			5	2				
λ = 78° 01′ E	51–75																				2										2							
H_s = 181 metres	>75																																					
Ahmedabad	6–25	30						9	1	1	19	30		1					3	6	1	29	3	1	1			2	9	5	1	28	1	6	2	2	5	6
ϕ = 23° 02′ N	26–50												2	1				1	4	11			1	1					4	1			1				2
λ = 72° 35′ E	51–75																																					
H_s = 55 metres	>75																																					
Bangalore	6–25	30						6	17	6		18						1	1	3		29						2	21	4		13						
ϕ = 12° 58′ N	26–50							1					1						5	6									2				1				
λ = 77° 36′ E	51–75																		1																		
H_s = 936 metres	>75																																					
Bhuj	6–25	30						12	6		12	30	1						5	2		30	2	1	1		1	8	2			27	1	3		2	4	3
ϕ = 23° 15′ N	26–50												1					3	15	2								6	8	1			1	1			1
λ = 69° 48′ E	51–75																		1																		
H_s = 113 metres	>75																																					
Chittagong	6–25	30			1	8	1				20	29	2	1			5	5	1	1	1	2	24	2	1	2	2	8	1	2	1	2	22		2	4	4	4	5
ϕ = 22° 21′ N	26–50																	4	1		1							1	1							1	
λ = 91° 50′ E	51–75																	4										1									
H_s = 21 metres	>75																		1																		
Dacca	6–25	30				3	2	2			23	27	2	2	2	3	4	6	1		2	25	2	2	3	3	3	5	1		2	20		1	5	3	5	3
ϕ = 23° 43′ N	26–50																	3	1									2	1						1		1
λ = 90° 24′ E	51–75																		1																		
H_s = 21 metres	>75																																					
Fort Sandeman	6–25	30		2	2						26	30	6	4					5	7	7	1											30	4	3	1			2
ϕ = 31° 21′ N	26–50																																					
λ = 69° 27′ E	51–75																																					
H_s = 1421 metres	>75																																					
Hyderabad (Begumpet)	6–25	30		1				2	11	9	7	29	1	1					2	3	6	1	29	1	1				2	2	5	1	28	3	2			1	3
ϕ = 17° 26′ N	26–50												5	1					1	1	6			5	1					1	2	7			3	2		1		
λ = 78° 27′ E	51–75													1											1									1					
H_s = 555 metres	>75																																					
Jubbulpore	6–25	30					1	2	7		20	30	2	2			2		1	1	3	2	30	3	2	1	1			1	1	2	1	28	5	3	3			
ϕ = 23° 10′ N	26–50														3				1	6	7				2	2				1	6	7			4	2	1			
λ = 79° 57′ E	51–75																																					
H_s = 402 metres	>75																																					
Lahore	6–25	30							1	1	28	30	1				1	1	2	4	7	1	30	2	1		2	1	2	4	6	2	30	7		2	2	1	1
ϕ = 31° 35′ N	26–50													1	1					11						1				8	1							
λ = 74° 20′ E	51–75																																					
H_s = 221 metres	>75																																					
Madho Sagar (Gwalior)	6–25	17						5	7		5	17	1		1	2	1	1			1	17	1		2	1	1	1	1			17	8	2				
ϕ = 26° 13′ N	26–50																		2	7			1						3	6			2				
λ = 78° 08′ E	51–75																		1																		
H_s =	>75																																					
Madras	6–25	30					2	4	1		23	30						1	2	3	1		28	1					6	8	3		28	1	1				3
ϕ = 13° 04′ N	26–50																		7	10	6			1					1	5	2			1				
λ = 80° 15′ E	51–75																													1								
H_s = 13 metres	>75																																					
Malegaon	6–25	30						1	5	6	18	30	7	2	1	1			2	10		90	8	5	1				2	8		29	2	5	4		1	3
ϕ = 20° 33′ N	26–50												1						5	1			1						5				1	5				1
λ = 74° 32′ E	51–75																																		1			
H_s = 437 metres	>75																																					
Mangalore	6–25	30	4	3	5		1		1	2	14	26	3						1	3	15	1	22							2	9	1	18	11	11			1	2
ϕ = 12° 52′ N	26–50												1							1	1									1	9							3
λ = 74° 51′ E	51–75																																					
H_s = 40 metres	>75																																					
Peshawar	6–25	30		1				1			28	30	8	7	2	1	1				6	4	30	8	6	2	1	1			8	2	30	5	1	3	1		8	1
ϕ = 34° 01′ N	26–50													1									1	1														
λ = 71° 35′ E	51–75																																					
H_s = 363 metres	>75																																					
Poona	6–25	30						22			8	30	2	2					3	12			30	3	1					6	11		26	2	5	2	1	2		2
ϕ = 18° 32′ N	26–50												1	1					1	6	2				1					5	2				7				3
λ = 73° 51′ E	51–75																												1						1			
H_s = 589 metres	>75																																					
Port Blair	6–25	30					1	15	6		4	28						2	1	1			26					2	1	2			18				1	6	4
ϕ = 11° 40′ N	26–50							6		1								1	10	8								1	8	1						2	1	3
λ = 92° 43′ E	51–75																		5										3									
H_s = 87 metres	>75																																					
Raj Samand (Kankroli)	6–25																																					
ϕ = 25° 08′ N	26–50																																					
λ = 73° 58′ E	51–75																																					
H_s = 587 metres	>75																																					

3·0 km. a. s. l.										Amounts of low cloud.	No. of observations with Code figures.										No. of observations with Code figures.										STATION.
n	N	NE	E	SE	S	SW	W	NW	C		0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
30	8			1	1		2	6		1 — 10									1	29						1	11	18			Agra
	5	1	1				1	3																							
	1									9 or 10										8											
23	1	4	4	2	1	1	1	2		1 — 10					1	2	1	6	2	18							16	14			Ahmedabad
	1	3	2	1																											
										9 or 10								2		8											
8	2						4	1		1 — 10		1	8	3	10	3	1			4						2	20	7	1		Bangalore
	1																														
										9 or 10		1	8	3	3					23											
25	4	2	1		2		1	1		1 — 10					1	5		2	2	20							2	28			Bhuj
	4	5	2		1	1		1																							
										9 or 10						1				7											
15			1	1	4	4				1 — 10			2	2	10	3	10	1		2						3	18	8	1		Chittagong
			1	3				1																							
										9 or 10			2	2	7					26											
14		1	2	1	5	1				1 — 10				9	10	2	3	1		5						1	29				Dacca
			1	1	1				1																						
										9 or 10				1	1					13											
29	3	2	1			1	4	10	1	1 — 10						1				29				1	2	10	9	7	1		Fort Sandeman
	2						1	4																							
										9 or 10						1				1											
17	2	2	1		2	1	4	1		1 — 10					13	2	2	3	4	6				1		1	4	13	9	2	Hyderabad (Begampet)
	1	3																													
										9 or 10					4	2	1	1		23											
24	5	4	1					5	2	1 — 10					2	2	1	3	8	14							1	29			Jubbulpore
	3	2	2																												
										9 or 10					1					12											
29	7	1				2	3	9	2	1 — 10							1	2		27						1	7	22			Lahore
		1					2	2																							
										9 or 10							1	1		2											
17	4	2	1				2	3		1 — 10							1	3	1	12							1	14	15		Madho Sagar (Gwalior)
	4	1																													
										9 or 10										6											
26	1			1		3	8	2	2	1 — 10					1		1	2	1	25								10	20		Madras
							4	3																							
						1	1			9 or 10										21											
28		4	3	1	2	4	3	2		1 — 10						1	3	5	3	18						1	6	14	9		Malegaon
	1	6	2																												
										9 or 10						1	1	1		15											
12	1	1			1		6			1 — 10					8	10	3	3		6				1	8	4	10	7			Mangalore
		1					1	1																							
										9 or 10					7	5				22											
30	3				2	8	4	8	1	1 — 10									2	28						1		8	14	7	Peshawar
	1					1	1	1																							
										9 or 10																					
20	2		1		3	2		2	2	1 — 10					2	12	4	1	1	10							1	15	14		Poona
	1	3	3																												
		1								9 or 10					1	3				20											
7					2	1	3			1 — 10				1	20	8				1				1		5	10	14			Port Blair
				1																											
										9 or 10				1	1					29											
										1 — 10																	4	26			Raj-Samand (Kankroli)
										9 or 10																					

TABLE 1—

STATION.	Speed limits (km./hr.).	Surface.										0·5 km. above Surface.										1·0 km. a. s. l.										2·0 km. a. s. l.							
		n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W
Sambalpur ...	6–25	30		2			1	4	1		22	29	3	3		4	1		8	1	1	25	2	4		4		2	1	2		20	3	2	4			2	1
ϕ =21° 28′ N ...	26–50													1	2		1	2	2						2			1	4	2		1		1	2	1		1	
λ =83° 58′ E ...	51–75																								1														
H_s=153 metres ...	>75																																						
Tezpur ...	6–25	30			1						29	28			7	2	4	6	4		3	26		3	7	1	2	1	5		1	13	1	3	6			2	
ϕ =26° 37′ N ...	26–50														1			1							2				3										
λ =92° 47′ E ...	51–75																											1											
H_s=76 metres ...	>75																																						
Trichinopoly ...	6–25	30						2	11	10	7	30							16	2		30						2	5	3		30	3				1	3	4
ϕ =10° 49′ N ...	26–50																		12									2	7	3									4
λ =78° 42′ E ...	51–75																												8										2
H_s=88 metres ...	>75																																						
Trivandrum ...	6–25	30	13	1						16		28								1		27								1		24	1						1
ϕ = 8° 31′ N ...	26–50												3						4	18			1						1	19								6
λ =77° 00′ E ...	51–75																		2										3	2									2
H_s=73 metres ...	>75																																						
Vizagapatam ...	6–25	30	1	2				1	2	6	18	29	1	2	1	1	1	5	7	3		28	2	3	2	1		4	7	1	2	26	1	1	1			4	3
ϕ =17° 42′ N ...	26–50													1			1	4	2					1		1		4				1	3			1	2	3
λ =83° 18′ E ...	51–75																																						
H_s=56 metres ...	>75																																						

TABLE 4—

Allahabad (Bamrauli)	6–25	30		2	3	2		2	5	2	14	27	1	3	6			1	1	2	2	1	25	1	3	7	1	1			3		19	1	3	2	1	1		
ϕ =25° 26′ N ...	26–50														1					5	3					1			6	1			1		1				3
λ =81° 44′ E ...	51–75																			1									1										
H_s=99 metres ...	>75																																						
Bahrein ...	6–25	30	3		1	5		4	1	12	4	30	1	2	2	2	3	1	3		1	30	6	2	4			1		2	1	28	5	1	3	1	1	1	1
ϕ =26° 14′ N ...	26–50												8	1		1		2	1	1				6				1		1			5	3			1		
λ =50° 35′ E ...	51–75												1								1			3									2						
H_s=14 metres ...	>75																																						
Bombay (Juhu) ...	6–25	30	1	2		1		4		4	18	29	6	2				1	6	8		24	5	3					5	5		13	1		1			1	1
ϕ =19° 17′ N ...	26–50												1	1				2	1	1			1	1				1	2	1				5	1				1
λ =72° 50′ E ...	51–75																																						
H_s=5 metres ...	>75																																						
Calcutta (Dum Dum)	6–25	30		1	1	9	3	3	1		12	30		2	3	4	5	6		2	3	27		3	3	4	5	4		2		21	1	2	3	3	5	1	
ϕ =22° 38′ N ...	26–50																1	1	2						1		1	1		1					2				2
λ =88° 27′ E ...	51–75																	1										1											1
H_s= ...	>75																																						
Gaya ...	6–25	30	1	2	1	2	2	8	1	1	12	30	1	2	6	4	4	3	5	1		25	2	1	7	2	1	2	3	1		22		2	7	2	2		1
ϕ =24° 49′ N ...	26–50																		3	1					1				4	1			1		2			1
λ =85° 01′ E ...	51–75																																						1
H_s=117 metres ...	>75																																						
Gwador ...	6–25	30		1	1		2	6	11		9	29	6	3	1	1	5	5	3	2	2	21	8	4				2	1	1	1	15	3	2	1				
ϕ =25° 08′ N ...	26–50																		1				1	3									3	1	2				
λ =62° 19′ E ...	51–75																																						
H_s=10 metres ...	>75																																						
Jacobabad ...	6–25	30		2	1	1					26	30	1	2	3	2	5	7	2	2	4	30	6	2	3	2	4	7	2		4	29	11	4	3	2	1		3
ϕ =28° 17′ N ...	26–50												1		1																								
λ =68° 29′ E ...	51–75																																						
H_s=66 metres ...	>75																																						
Jodhpur ...	6–25	30		3	1			24		1	1	30	1	3				5	2	1		30	1	3				5	2	1		28	4	2		3	2	3	1
ϕ =26° 18′ N ...	26–50												1				1	18	2	1			2				1	12	3						2	2	1	4	
λ =73° 01′ E ...	51–75																																						
H_s=232 metres ...	>75																																						
Karachi (Drigh Road)	6–25	30						8	13	3	1	30						2	10			15	5		1				3	1		10	5	2	1				
ϕ =24° 54′ N ...	26–50							2	3				1					1	13	3			1						4							1			
λ =67° 11′ E ...	51–75																																						
H_s=30 metres ...	>75																																						
New Delhi ...	6–25	30	1		1	3			5	2	6	30	1		1	1	2	1	2	4	3	30	2	1	2			2		7	1	30	5	3	1		1		1
ϕ =28° 39′ N ...	26–50							1	7	4									6	9			1							13			5					3
λ =77° 15′ E ...	51–75																													1									
H_s=227 metres ...	>75																																						
Sharjah ...	6–25	30				8	6	8	1		7	29	2			7	5	8				30	2	1	6	4	3	5	3	2	1	30	7	2	5	2	1	1	4
ϕ =25° 20′ N ...	26–50															3	2	2								3											2	1
λ =55° 24′ E ...	51–75																																						
H_s=13 metres ...	>75																																						

NCY (MORNING)

TABLE 2—FREQUENCY OF LOW CLOUD HEIGHTS (MORNING)

TABLE 3—FREQUENCY OF VISIBILITY (MORNING)

3·0 km. a. s. l.										Amounts of low cloud.	No. of observations with Code figures.										No. of observations with Code figures.										STATION.
n	N	NE	E	SE	S	SW	W	NW	C		0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
5	1	1	2		1	2		1		1 — 10					8	7		4	1	10								10	20		Sambalpur
	2		3	1						9 or 10					2	1				18											
			1																												
3					2	1				1 — 10			2	1	2	6	9	4	5	1						1	9	17	2	1	Tezpur
										9 or 10			1	1	1	3	4	1		21											
16	2				1	4	4	5	2	1 — 10								3	7	20								6	15	9	Trichinopoly
							2	5																							
							1			9 or 10										16											
9	1						1			1 — 10					1	23			2	4						3	2	21	4			Trivandrum
							1	4																							
							2			9 or 10					1	2			2	13											
21	1	2	1	1	1	3	3	2	2	1 — 10					3	4	3	2	2	16						1	3	25	1		Vizagapatam
		3					1																								
								1		9 or 10					1	1				14											

NCY (FORENOON)

TABLE 5—FREQUENCY OF LOW CLOUD HEIGHTS (FORENOON)

TABLE 6—FREQUENCY OF VISIBILITY (FORENOON)

9		5	2	1						1 — 10			1	1	6	3	4	5		10					2		15	13			Allahabad (Bamrauli)
			1							9 or 10			1	1	1	1				9											
22	6	2	2				1	1	2	1 — 10						1	1			28							18	11	1		Bahrein
	4	1			1																										
	1							1		9 or 10																					
5			2						1	1 — 10					6	16	5			3						1	15	14			Bombay (Juhu)
		2																													
										9 or 10					1	2	1			14											
2	1		1							1 — 10					10	13	3		1	3						4	26				Calcutta (Dum Dum)
										9 or 10					1	2				18											
16	1	2	3	2					2	1 — 10					7	13	1			9							1	29			Gaya
			3				1																								
								2		9 or 10										8											
11	2	2						3		1 — 10	1				12	8	1			8				3	3	6	14	4			Gwador
	2	2																													
										9 or 10	1				3	1				5											
29	9	2	1	4		2	2	5	1	1 — 10										30							2	28			Jacobabad
		2	1																												
										9 or 10																					
28		3	2	1	1		2	2		1 — 10					1	4	3	1		21							7	19	4		Jodhpur
	1	3	3	5		3																									
				2						9 or 10							1			5											
8	2	2								1 — 10					11	14	1			4						4	12	14			Karachi (Drigh Road)
		3		1																											
										9 or 10					4	9	1			14											
30	7	2	1						1	1 — 10										30							9	21			New Delhi
	4				1	1	4	3																							
							1	5		9 or 10																					
29	6	9	1		2		3	1	2	1 — 10				1	2	1		1		25					2		5	20	3		Sharjah
					1	3																									
										9 or 10				1						1											

STATION.	Speed limits (km./hr.).	Surface.										0·5 km. above Surface.										1·0 km. a. s. l.										2·0 km. a. s. l.							
		n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W
Agra ...	6-25	30	3		4	1		1	5	8	8	30	5	1	4	1			5	9	1	30	9	1	1	1	1		1	11	2	30	9	1	2			1	2
	26-50												1							3									1	2								1
	51-75																																							
	>75																																							
Ahmedabad ...	6-25	30	2		2		2	11	4	2	7	30	3	2	1			9	10	4		30	4	2	1			10	9	3		30	5	3	1	1	5	4	4
	26-50																		1										1									3	1
	51-75																																							
	>75																																							
Allahabad (Bamrauli)	6-25	30	3	4		1		2	4	7	9	26	5	5	2				1	7	1	26	5	6	1	1			1	5		21	1	5	2	1			
	26-50													1					2	2									4	3				1					1
	51-75																																							
	>75																																							
Bahrein ...	6-25	30	10	5	8					6	1	30	7		1	4		1	4	4	1	30	6	1	1	3	2		2	6		30	4	2	2	1		3	2
	26-50												4	1						1			4						1	2			8				1		
	51-75												2										2										1						
	>75																																							
Bangalore ...	6-25	30	2					8	7	10		30						4	8	11		30	1					2	15	6		22	2				1	1	5
	26-50							2		1									7									2	4								1	3
	51-75																																							
	>75																																							
Bhuj ...	6-25	30						11	8	3	8	30	1	1	1			4	9	1		30	1	1	1			7	10	1		22	1	2	1		1	5	6
	26-50																	6	6	1								3	6									
	51-75																																							
	>75																																							
Bombay (Juhu) ...	6-25	30						3	7	20		28	2					1	6	9		21	4	3					2	7		13	2	1	2		1	2	4
	26-50												2						3	5									4	1				1				
	51-75																																							
	>75																																							
Calcutta (Dum Dum)	6-25	30		1	1	5	10	5			8	30	1	2	2	3	9	2	1	1	2	28		1	3	5	7	2	2	2	1	21			2	2	6	2	
	26-50															1	3	1								1	2	1	1						2	1	1	
	51-75																	2										1										
	>75																																							
Chittagong ...	6-25	30		1		2		17	1	3	6	30	4	1			2	10	1	1	1	26	3		1		5	5	1	1	2	21	2		2	6	5	2	
	26-50																8	2									4	2	1								1	
	51-75																																							
	>75																																							
Dacca ...	6-25	30			1	6	3	3			17	30	2	1		2	12	1			3	25		3	3	2	3	3	2		2	18			4	3	4		
	26-50																6	1								1	4	2	1							1	2	1	
	51-75																	2																					
	>75																																							
Fort Sandeman ...	6-25	30			1			6	3	2	18	30	2	3		3		9	4	5	4											30	2	3		1	1	9	2
	26-50																	1	1																		1	1
	51-75																																							
	>75																																							
Gaya ...	6-25	30	5	6	2			3	3	5	6	29	2	9	4	1	1		2	4	3	29		5	4	3	1		1	3	7	21			3	6	2	1	
	26-50																		3										4	1								2
	51-75																																							1
	>75																																							
Gwador ...	6-25	30				2	6	20			2	30	1	3	1	1	3	3	7	4	6	28	8	5	1		1	1	4	5		27	4	6					1
	26-50																	1						1					2				7	2				
	51-75																																	1						
	>75																																							
Hyderabad (Begumpet).	6-25	30	5	2			2	1	4	10	6	30	5	1			2	1	5	9	2	30	6	1			2	1	6	8	2	18	2	1	1		2		4
	26-50													2					3					2					1	1			1	2					2
	51-75																																							
	>75																																							
Jacobabad ...	6-25	30				10					20	30	2		1	6	9	4		1	7	30	1	3	3	1	4	6	2	3	7	30	7	7	1	1	2	1	3
	26-50																																				1			
	51-75																																							
	>75																																							
Jodhpur ...	6-25	30		6	1		3	14	3		2	30	3	3			2	10	5			30	1	3			3	7	6		2	27	7	2	1	2	3	2	2
	26-50							1							1			6							1				7								1	6	
	51-75																																							
	>75																																							
Jubbulpore ...	6-25	30	3	4				1	7	8	7	30	4	3	2			3	10	6		30	3	3	2			2	10	5		25	4	3	4	1			1
	26-50													1					1				1	1					1	2			5	2					1
	51-75																																							
	>75																																							
Karachi (Drigh Road) ...	6-25	30						11				30						1	7	1	1	23	3	1	2	1		1	2	5		20	5	3	1				2
	26-50							14	5									1	18	1			1						7					1				
	51-75																																							
	>75																																							

TABLE 8—FREQUENCY OF LOW CLOUD HEIGHTS (AFTERNOON)

TABLE 9—FREQUENCY OF VISIBILITY (AFTERNOON)

3·0 km. a. s. l.										Amounts of low cloud.	No. of observations with Code figures.										No. of observations with Code figures.										STATION.
n	N	NE	E	SE	S	SW	W	NW	C		0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
28	3 4	1	1	1 1	1		3 3	5 4	1	1 — 10							1	8	5	16							12	18			Agra
										9 or 10										8											
16		6		2	2		2	1		1 — 10							5	11	2	12							2	28			Ahmedabad
	1		2							9 or 10							1	1		4											
9		2	1 1	1			2	2		1 — 10			1		2	2	8	10	1	6						2	4	24			Allahabad (Bamrauli)
										9 or 10					1					7											
15	1 2	2 2		1	1	2	1	2	1	1 — 10						2		1	1	26							21	9			Bahrein
										9 or 10																					
5	2 1	1						1		1 — 10					1	8	15	4	1	1						2	8	18	7		Bangalore
										9 or 10					1	5	5	1		26											
17		3 1	2	1	2 3	2		1	1	1 — 10						6	7	3		14							1	29			Bhuj
	1									9 or 10						1				3											
9	1	1	1 1	1	1	1	2			1 — 10					6	21	2			1						1	1	28			Bombay (Juhu)
										9 or 10					2					13											
8			2 1	2	2			1		1 — 10					6	16	7			1							30				Calcutta (Dum Dum)
										9 or 10										18											
18			4	5 3	4 1			1		1 — 10					11	12	5	2							1	1	8	15	5		Chittagong
										9 or 10					2	1				18											
15			4 1	3	2 2		1	1	1	1 — 10					11	6	7	4		2						2	28				Dacca
										9 or 10					1					13											
30	2		3	1	3 1	6 1 1	7 1	4		1 — 10								2	8	20					1	2	10	13	4		Fort Sandeman
										9 or 10																					
9			3	2	1			1	2	1 — 10					5	19	2			4							2	28			Gaya
										9 or 10						1				16											
23	5 6	4 2	2					3	1	1 — 10					7	4				19					1	7	15	7			Gwador
										9 or 10																					
8	1	1 1	1	1		1	1	1		1 — 10					1	2	10	10	7					1			2	5	19	3	Hyderabad (Begumpet)
										9 or 10					1	2	4	1	1	19											
29	6	4 2	1	1 1		4	1	6	3	1 — 10										30								30			Jacobabad
										9 or 10																					
24	2 1	2	2 1	2 4	3		1	2	2	1 — 10							3	12	4	11							1	16	13		Jodhpur
						2				9 or 10								2		5											
19	3 1	5	2 2 1				2	3		1 — 10						4	1	7	17	1							4	21	5		Jubbulpore
										9 or 10										8											
13	3	2 3		1	1	1	1	1		1 — 10						18	1			11						4	9	17			Karachi (Drigh Road)
										9 or 10						4				4											

STATION.	Speed limits (km./hr.).	Surface.										0·5 km. above Surface.										1·0 km. a. s. l.										2·0 km. a. s. l.								
		n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	N
Lahore ...	6-25	30		2	1	1		3	7	4	12	30	1	1	2	3	1	2	10	9	1	30	1		1	5	1	2	9	10	1	29	3			2	1	5	7	
	26-50																																				1		1	
	51-75																																							
	>75																																							
Madho Sagar (Gwalior).	6-25	30		4	3	2		2	9	8	2	29	3	5	2	2			5	10		29	1	5	2	1			5	10	1	28	10	1	4				2	
	26-50																		1	1									1	3			1							
	51-75																																							
	>75																																							
Madras ...	6-25	30			1	8		7	2	3	9	30	1		2		2	11	5	3	1	30	1					5	12	3		24		1			1		5	
	26-50																1	1	2	1								3	1	5			1					1	7	
	51-75																																						1	
	>75																																							
Malegaon ...	6-25																																							
	26-50																																							
	51-75																																							
	>75																																							
Mangalore ...	6-25																																							
	26-50																																							
	51-75																																							
	>75																																							
New Delhi ...	6-25	30	4	5	1				3	9	4	30	7	3	1	1			1	11		30	7	3			1		2	11	1	28	4		1				3	11
	26-50									4			1						1	4			2						1	2			1						2	4
	51-75																																							
	>75																																							
Peshawar ...	6-25	30		17	1	1					11	30	3	1	13	3	2				8	30	2	1	8	8	3	2			6	30	1			3	8	6	4	3
	26-50																																							1
	51-75																																							
	>75																																							
Poona ...	6-25	30	5		1			7	4	8	4	29	2	4	1				9	5		29	2	5	1				9	4		19	2	3	2			2	2	1
	26-50								1				1	1					5	1			1						6	1			2	2					3	
	51-75																																							
	>75																																							
Port Blair ...	6-25	30				2	1	11	6	1	1	27					2	2	1			19					1	1	3			8						3		
	26-50							4	3									7	7									4	7								1	2		
	51-75							1										5	3									2	1									2		
	>75																																							
Raj-Samand (Kankroli)	6-25	30	1	2	3		2	7	2	2	11	26	2	5			2	15	1	2	1	28	2	4	1		3	14	1	2	1	26	2	5	2	3	7	4	1	2
	26-50																																							
	51-75																																							
	>75																																							
Sambalpur ...	6-25	30	3	1	3	1	3	5	6		6	30	4	2	2		1	6	6	3	3	27	3	4	2	1	1	2	5	3	2	21	1	3	2	2	2	1		2
	26-50															1		1	1					1	2			1					2			2			1	1
	51-75																																			2					
	>75																																							
Sharjah ...	6-25	30	1	2				2	25		30	2	1	1			3	13	6	2	30	1	1	3	3	3	6	2	5	3	30	2	4	7	4	1	3	1	2
	26-50														1				1				1		1			1							1			2	1	1
	51-75																																							
	>75																																							
Tezpur ...	6-25	30		1	2		1	6	2		18	29	2	4	3	1	3	9	1		3	28			7	3	3	3	7	1	2	26			5	4	3	6	1	
	26-50														1			2							1			1										5	1	
	51-75																																							
	>75																																							
Trichinopoly ...	6-25	30				1		4	10	10	5	30						2	13	1	1	30						2	10	1	1	29					3	12	3
	26-50																	1	10	1								2	11	1								6	2
	51-75																		2										2									3	
	>75																																							
Trivandrum ...	6-25																																							
	26-50																																							
	51-75																																							
	>75																																							
Visagapatam ...	6-25	30		2	2	4	4	13	1	1	2	30		4	2	4	2	5	8			29	3	3	1	2	5	5	1		2	26	1	2		1	1	4	8	3
	26-50							1						2				7						1		1	4	1					1	2	1					1	
	51-75													1										1																
	>75																																							

3·0 km. a. s. l.										Amounts of low cloud.	No. of observations with Code figures.										No. of observations with Code figures.										STATION.
n	N	NE	E	SE	S	SW	W	NW	C		0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
24	6					2	4	7	1	1 — 10								3	6	21							2	28			Lahore
	1			1		1		1		9 or 10																					
24	5	3	1	1		1	3	5	1	1 — 10						1	12	8	3	6							1	8	21		Madho Sagar (Gwalior)
	3		1							9 or 10										9											
19					1		5	3		1 — 10							6	13	4	7									30		Madras
						1	5	3		9 or 10										17											
							1																								
										1 — 10															2		5	14	9		Malegaon
										9 or 10																					
										1 — 10															1	1	6	22			Mangalore
										9 or 10																					
21	1		1				3	9	1	1 — 10								6	11	13							10	20			New Delhi
	2						2	1																							
								1		9 or 10										1											
30	1	2				12	9	3		1 — 10								3	10	17								11	14	5	Peshawar
					1	2				9 or 10										1											
9			2				1			1 — 10						6	16	8								1	1		9	19		Poona
	1	5								9 or 10						1	3	1		15											
										1 — 10					22	8									1	7	11	10	1		Port Blair
										9 or 10					6					27											
20	4	4	1		5	1				1 — 10						1	13	12		4							6	24			Raj Samand (Kankroli)
	1	1	1	1	1					9 or 10										1											
13	4		2		2			1		1 — 10						7	9	7	7							1	3	3	23		Sambalpur
	1	1																													
			1			1				9 or 10						2				17											
27	5	10	1	1	4	1	2	1		1 — 10								9	4	17							3	26	1		Sharjah
						1																									
						1				9 or 10																					
24		2	2	3	4	5	2		1	1 — 10					2	1	3	16	7	1								3	19	8	Tezpur
						2	3																								
										9 or 10					2		1	1		12											
25	1					3	8	4		1 — 10							2	19	2	7								3	15	12	Trichinopoly
							4	4																							
							1			9 or 10										19											
																										4	8	18			Trivandrum
22		1	2	1		2	5	1	3	1 — 10					2	4	9	8	2	5							3	27			Vizagapatam
	1	2				1	3			9 or 10										19											

STATION.	Speed limits (km./hr.).	Surface.										0·5 km. above Surface.										1·0 km. a. s. l.										2·0 km. a. s. l.							
		n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W
Allahabad (Bamrauli)...	6-25	30		2	1	2		4	5	3	13	28	2	1	7	2		3	2	1	1	28	4	3	5	2			1	1	1	21	3	5	2				
	26-50														1				3	3			1		1				3	5			2						
	51-75																		2										1										
	>75																																						
Bahrein ...	6-25	30	3	1	2	1	2	4	3	1	13	30	7	1	2	2	2	2	1	3	1	30	6	2	1	1	1	2	1	4		25	4	5	1	1	1	1	
	26-50												6					2					7				1	1		1			2	1					
	51-75												1										2																
	>75																																						
Bombay (Juhu) ...	6-25	30			1			3		4	22	28	5					2	5	16		22	6	1					5	6		9		1	2		1		1
	26-50																						3	1										3					1
	51-75																																						
	>75																																						
Calcutta (Dum Dum) ...	6-25	30		2	1	1	6	6	1		13	29	1	2	2	2	2	8	5			28		2	4	3	2	7	3	1		16	2		5	2	2	1	
	26-50																2	3	2								2	2	2						1				
	51-75																																					1	
	>75																																						
Gaya ...	6-25	30		2	1	1		6			20	29	2	2	5	4	2	2	2	3	3	29	1	1	5	4	1	3	2	2	5	21	1	3	3	3	2	2	
	26-50																		4										2	3					1				1
	51-75																																						
	>75																																						
Gwador ...	6-25	30			3			8	5		14	30	1	1	1	1		7	8	5	1	23	4	1	1		1	1	4	5		14	7	3	1				
	26-50												1						3	1			2						3	1				1					
	51-75																																						
	>75																																						
Jacobabad ...	6-25	30		1	3	8	3				15	30	1		2	4	8	11			1	30			2	3	1	13	6	3	2	30	3	2	5	1	2	2	5
	26-50																	3																					
	51-75																																						
	>75																																						
Jodhpur ...	6-25	30		2	1		2	19	5	1		30	1	1	2			4			1	30	3	1	2			8	2			30	3		3	4	3	5	3
	26-50																	14	5	1								10	3					1				4	
	51-75																	1										1											
	>75																																						
Karachi (Drigh Road) ...	6-25	30						16	9	3	1	30						1	8	2	1	22			2			1	5	5	2	9	2	1	4			1	
	26-50								1										18										6										
	51-75																												1										1
	>75																																						
Madho Sagar (Gwalior).	6-25	13	1					8	1		3	13		1	2	2			1		1	13		2	2	1			1	1	2	13	3	1					2
	26-50																		3	3									1	3			4	1					1
	51-75																																						
	>75																																						
New Delhi ...	6-25	30				2		4	7	6	10	30	5	1		2		1	2	4		30	5		2		2		2	7		30	6	3				1	2
	26-50									1			2				2		3	6			2						3	5			5						1
	51-75																		1	1										2									
	>75																																						
Raj Samand (Kankroli).	6-25	30				1		7	6	4	12	28	2	1	1	1		4	11	5	1	28	2	1		2		5	14	2		26	2	3	5		9	5	1
	26-50													1				1					1					1											
	51-75																																						
	>75																																						
Sharjah ...	6-25	30		3	6	16					5	30	5	6	2	1	2	1	5	4	1	30	4	3	3	1		4	6	7	1	27	3	3	3	3	2	2	3
	26-50													1	1	1													1						1			3	1
	51-75																																						
	>75																																						

3·0 km. a. s. l.										Amounts of low cloud.	No. of observations with Code figures.										No. of observations with Code figures.										STATION.
n	N	NE	E	SE	S	SW	W	NW	C		0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
8	1		3	1		1		1 1		1 — 10					5	2	3	2	2	16					1	2	22	5			Allahabad (Bamrauli)
										9 or 10					3					5											
21	8 1	3 1	2	1	2	1 1		1		1 — 10										30							27	3			Bahrein
										9 or 10																					
7		1 2	1 1			2				1 — 10					4	19	1			6						8	22				Bombay (Juhu)
										9 or 10					2	5				11											
5			2	1	1		1			1 — 10					10	10		1		9					1	28	1				Calcutta (Dum Dum)
										9 or 10										9											
12			5	3	1	1	2			1 — 10				1	1	6	4			18						1	2	27			Gaya
										9 or 10						1				10											
6	1	2 1						2		1 — 10	1				10	6				13			1			13	16				Gwador
										9 or 10	1				1	1				3											
23	6	7	2				1	3 3	1	1 — 10										30							1	29			Jacobabad
										9 or 10																					
28	3 3	4	3 1	2 3 1		2 2	2	2		1 — 10								1		29							2	28			Jodhpur
										9 or 10										1											
1	1									1 — 10				1	7	13	1			8						1	18	11			Karachi (Drigh Road)
										9 or 10				1	4	1				6											
7	1 1		1		1		2		1	1 — 10									1	12							1	9	3		Madho Sagar (Gwalior).
										9 or 10										4											
21	3 2	2	1	1			4	5 2	1	1 — 10							2	1	1	26							16	14			New Delhi
										9 or 10																					
21	3	4 1	1	1 2	3	3	2	1		1 — 10					1	1	4			24						20	10				Raj Samand (Kankroli).
										9 or 10																					
22	2	7	2 1	1	1	2 2	2	2		1 — 10										30			1				5	24			Sharjah
										9 or 10																					

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Registered No. B-3097

INDIA WEATHER REVIEW, 1938

Monthly Weather Report

October

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Summary.—The Masulipatam storm of the preceding month travelled northwestwards as a depression into the Arabian Sea and, intensifying again into a storm, recurved and crossed the Konkan coast. Another storm developed in the Bay of Bengal and crossed the coast south of Puri. These two disturbances caused a large excess in rainfall in the Bombay Presidency, Central India, the Central Provinces and Berar. The northeast monsoon was late, setting in over the south of the Peninsula in the fourth week of the month; rainfall was in large defect in Mysore. Four western disturbances affected the weather over northwest India.

The storm which crossed coast near Masulipatam last month and weakened into a depression travelled northwestwards through the Deccan and then passing out into the Arabian Sea, intensified again into a cyclonic storm with centre on the 5th near Lat. 19½°N., Long. 71°E. Moving in a northeasterly direction it crossed coast near Damao by the morning of the 6th. It became unimportant by the morning of the 7th. This storm was responsible for widespread and locally heavy rainfall over the north and west of the Peninsula. Extensive damages to crops, cattle and buildings were reported particularly from places adjoining Kanara and the Konkan coasts. Railway services as well as telegraphic and telephonic communications were affected in the Konkan.

Meanwhile, a depression formed in the east central Bay on the 6th. Rapidly intensifying into a cyclone, it moved in a westnorthwesterly direction and crossed the coast south of Puri on the 9th. Weakening into a depression it moved in a nearly northwesterly direction and filled up over west Central India on the 13th. It caused widespread and locally heavy rain along and near its track.

Besides the rainfall associated with the above storms local thundershowers occurred in Assam, Bengal and in the south of the Peninsula during the second half of the month. Four western disturbances affected the weather over northwest India as set out below:—

Western disturbance.			Precipitation.			Remarks.
No.	Period.	Course.	Region.	Nature of precipitation.	Period.	
1	16th-17th.	Northwest frontier, extreme north.	...	No precipitation ...	...	A feeble disturbance.
2	21st-24th.	Extreme north ...	(1) Extreme north ...	(1) A few falls of rain.	21st.	
			(2) Along and near western Himalayas.	(1) Local rain ...	22nd.	
				(2) A few light showers.	23rd-24th.	
3	28th-29th.	Northwest India, western Himalayas.	Along and near the western Himalayas.	Scattered thundershowers.	28th.	
4	29th-31st.	Northwest frontier, extreme north.	(1) Baluchistan ...	A few falls of light rain.	29th.	
			(2) Extreme north ...	Scattered showers ...	30th.	

Unusually warm weather was experienced over northwest India and in the United Provinces during the first week of the month. During this period day temperatures alone were above normal over Bihar and Assam. Low day temperatures, however, prevailed in the Peninsula during the period. During the second week of the month day temperatures were lower than usual over the

central parts of the country. Low night temperatures prevailed over northeast India and Kashmir during the last week of the month.

The total rainfall of the month was in large excess in west Central India, Berar, the Central Provinces, the Konkan and north Hyderabad, in slight to moderate excess in Assam, Orissa, Gujarat and the Bombay Deccan, normal in the Bay Islands, the east United Provinces, the east and north Punjab, Kashmir and east Central India, in slight to moderate defect in Bengal, Chota Nagpur, east Rajputana, Malabar, southeast Madras and the north Madras coast and in large defect elsewhere. Averaged over the plains of India, the month's rainfall was in excess by 6 per cent.

The mean maximum temperature was above normal in Bihar, the west United Provinces, the east and north Punjab, west Rajputana and east Central India and below normal in Berar, the Konkan, the Bombay Deccan, Hyderabad and the Madras Deccan. The mean minimum temperature was above normal in the east United Provinces, Baluchistan, Rajputana and west Central India and normal elsewhere.

The mean relative humidity was above normal in Berar and the west Central Provinces, and in defect in Bihar, the west United Provinces, the east and north Punjab, east Rajputana and southeast Madras.

The mean cloud amount was above normal in Orissa, the United Provinces, Gujarat, Central India, the Central Provinces and the north Madras coast and below normal in the southwest Punjab, the North-West Frontier Province, Baluchistan and Rajputana.

Table I contains the divisional and sub-divisional means of rainfall, temperature, humidity and cloud for the 16 chief political divisions and the 33 sub-divisions; these means are based on the observations at the stations whose monthly mean data are given in the subsequent tables.

POONA No. 5:
The 4th January 1939.

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

	RAINFALL.				DEPARTURE FROM NORMAL OF						RAINFALL.				DEPARTURE FROM NORMAL OF				
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	8 hrs. L. M. T. Vapour pressure.	8 hrs. L. M. T. Relative humidity.	8 hrs. L. M. T. Cloud.		Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	8 hrs. L. M. T. Vapour pressure.	8 hrs. L. M. T. Relative humidity.	8 hrs. L. M. T. Cloud.
1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
Division	"	"	"		°	°	"	%		**Division**—*contd.*	"	"	"		°	°	"	%	
urma ...	13·22	8·05	+5·17	+ 64	−1·8	+ 0·2	−·020	0	+1·6	9. Sind ...	0	0·02	−0·02	−100	+0·8	+1·0	+·026	+ 3	+0·1
ssam ...	6·32	4·93	+1·39	+ 28	+1·1	+ 0·8	+·010	− 2	+0·1	10. Rajputana ...	0·23	0·42	−0·19	− 45	+1·4	+3·7	+·001	− 7	−0·8
engal ...	4·22	5·20	−0·98	− 19	+1·2	+ 0·9	−·005	− 2	+0·5	11. Bombay ...	3·94	1·96	+1·98	+101	−1·8	−0·5	−·006	+ 3	+0·7
rissa ...	7·37	5·43	+1·94	+ 36	−0·2	− 0·4	−·013	0	+1·5	12. Central India ...	3·03	1·21	+1·82	+150	+0·7	+1·7	+·031	+ 3	+0·9
ihar ...	1·15	2·60	−1·45	− 56	+1·7	+ 0·9	+·002	− 4	0	13. Central Provinces and Berar.	5·27	2·00	+3·27	+163	−1·5	+1·1	+·041	+ 7	+1·1
nited Provinces.	1·14	1·42	−0·28	− 20	+1·8	+ 2·3	+·014	− 3	+1·1	14. Hyderabad ...	2·72	2·36	+0·36	+ 15	−2·4	−0·8	−·052	− 1	+0·4
unjab ...	0·24	0·31	−0·07	− 23	+1·6	+ 0·2	−·040	− 7	−0·2	15. Mysore ...	1·05	5·84	−4·79	− 82	−1·1	−1·0	−·061	− 3	−0·5
orth-West Frontier Province.	0	0·12	−0·12	−100	+1·4	+ 0·4	−·012	− 4	−0·3	16. Madras ...	4·33	7·84	−3·51	− 45	+0·2	+0·5	−·063	− 6	+0·8
										Mean of India (excluding Burma).	2·83	2·67	+0·16	+ 6	+0·2	+0·9	−·008	− 2	+0·4
ub-division										**Sub-division**—*contd.*									
ay Islands ...	12·53	12·52	+0·01	0	−0·6	+ 0·1	−·040	− 4	+1·0	18. Rajputana, East.	0·31	0·44	− 0·13	− 30	+0·7	+3·3	+·009	− 9	−1·0
ower Burma ...	16·40	9·51	+6·89	+ 72	−1·6	+ 0·1	−·026	− 1	+2·0	19. Gujarat ...	0·80	0·67	+ 0·13	+ 19	−1·0	+0·5	+·025	+ 4	+1·5
pper Burma ...	6·86	5·13	+1·73	+ 34	−2·1	+ 0·2	−·012	+ 1	+1·1	20. Central India, West	4·38	0·85	+ 3·53	+415	−0·5	+2·1	+·023	+ 4	+0·9
ssam ...	6·32	4·93	+1·39	+ 28	+1·1	+ 0·8	+·010	− 2	+0·1	21. Do. do. East.	1·67	1·57	+ 0·10	+ 6	+2·0	+1·3	+·039	+ 1	+1·0
engal ...	4·22	5·20	−0·98	− 19	+1·2	+ 0·9	−·005	− 2	+0·5	22. Berar ...	3·09	1·89	+ 1·20	+ 63	−4·1	+0·3	+·056	+11	+0·2
rissa ...	7·37	5·43	+1·94	+ 36	−0·2	− 0·4	−·013	0	+1·5	23. Central Provinces, West.	4·86	1·56	+ 3·30	+212	−1·1	+1·7	+·059	+ 8	+1·5
hota Nagpur ...	1·42	2·72	−1·30	− 48	+0·1	+ 0·3	+·009	− 1	+0·4	24. Do. do. East.	6·97	2·72	+ 4·25	+156	−0·8	+0·4	+·006	+ 3	+0·9
Bihar ...	1·05	2·55	−1·50	− 59	+2·9	+ 1·3	−·004	− 6	−0·2	25. Konkan ...	13·41	3·84	+ 9·57	+249	−2·6	−1·4	−·053	+ 1	+0·1
United Provinces, East.	2·01	2·02	−0·01	0	+1·2	+ 3·3	+·041	+ 1	+1·1	26. Bombay Deccan...	3·91	3·11	+ 0·80	+ 26	−2·5	−1·5	−·030	+ 2	+0·1
Do. do. West.	0·40	0·90	−0·50	− 56	+2·4	+ 1·3	−·013	− 7	+1·1	27. Hyderabad, North	4·25	1·89	+ 2·36	+125	−2·7	−0·4	−·035	+ 2	+0·6
Punjab, East and North.	0·45	0·49	−0·04	− 8	+2·1	− 0·1	−·050	− 9	0	28. Do. South	1·18	2·82	− 1·64	− 58	−2·1	−1·1	−·064	− 3	+0·3
Do. Southwest.	0·01	0·09	−0·08	− 89	+0·9	+ 0·6	−·025	− 5	−0·4	29. Mysore ...	1·05	5·84	− 4·79	− 82	−1·1	−1·0	−·061	− 3	−0·5
Kashmir ...	0·87	0·80	+0·07	+ 9	−1·9	+ 1·2	+·006	+ 2	0	30. Malabar ...	5·16	10·37	− 5·21	− 50	−0·5	0	−·017	− 1	+0·6
North-West Frontier Province.	0	0·12	−0·12	−100	+1·4	+ 0·4	−·012	− 4	−0·3	31. Madras, Southeast	4·71	8·33	− 3·62	− 43	+1·4	+1·3	−·093	−10	+0·7
Baluchistan ...	0·01	0·12	−0·11	− 92	+0·3	+ 2·4	+·009	+ 2	−0·4	32. Do. Deccan...	0·48	4·03	− 3·55	− 88	−2·0	−0·6	−·045	− 3	+0·9
Sind ...	0	0·02	−0·02	−100	+0·8	+ 1·0	+·026	+ 3	+0·1	33. Do. Coast, North	5·98	7·87	− 1·89	− 24	−0·1	+0·1	−·055	− 5	+1·1
Rajputana, West.	0	0·36	−0·36	−100	+2·8	+ 4·5	−·014	− 4	−0·6										

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Rela hum	
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	2
Bay Islands																					
*Port Blair ...	59/261	29·770	−·020	29·505	85·8	− 0·6	89	26	77·0	+0·1	74	3	80·7	79·2	76·9	75·8	·872	−·010	·848	84	−
Lower Burma																					
Victoria Point ...	157	29·723	+·004	29·652	82·5	− 1·2	86	26, 27	74·5	0	70	8	77·9	78·3	75·5	75·2	·833	−·012	·826	89	+
Mergui ...	66	29·795	−·010	29·716	83·8	− 2·8	90	27	75·1	+2·2	71	26	77·1	78·0	75·0	75·3	·839	−·027	·833	90	
Tavoy ...	19	29·831	−·025	29·759	85·8	− 1·8	93	28,29,30	73·4	−0·5	69	23	77·5	79·1	75·0	75·8	·833	−·031	·848	89	
Amherst ...	71	29·767	−·039	29·687	85·6		93	30	74·8		72	16, 23	79·0	80·5	75·7	76·8	·848		·872	85	
Rangoon ...	18	29·804	−·048	29·729	87·5	− 0·1	93	29,30,31	76·7	+0·9	75	7 days	79·8	81·5	76·6	76·3	·885	−·012	·865	86	−
Tharrawaddy ...	49	29·782		29·698	88·9		92	27	74·5		72	22,24,26	80·0	80·5	77·2	77·7	·885		·916	88	
Bassein ...	20	~~29·796~~	~~−·044~~	~~29·716~~	86·1	− 1·3	91	29	75·2	−0·4	73	24	79·9	81·0	77·2	77·2	·892	−·029	·872	88	−
Diamond Island ...	41	29·772	−·041	29·703	84·0	− 2·2	86	5 days	77·5	+0·3	73	17	80·6	80·4	77·5	77·0	·885	−·031	·878	87	+
Gwa ...	11	29·807		29·721	86·2		89	3	74·5		70	26	79·4	81·6	75·8	76·9	·848		·868	84	
Sandoway ...	28	29·791		29·716	89·2		93	31	73·3		71	5 days	79·2	80·4	76·1	77·7	·855		·923	86	
Toungoo ...	158	29·681	−·031	29·587	89·6	− 0·2	94	15	74·4	0	72	4 days	79·1	80·7	75·6	76·8	·848	−·034	·872	85	−
Kyaukpyu ...	18	29·788	−·049	29·709	83·9	− 2·6	90	6	76·1	−0·3	72	24	79·4	80·6	76·7	77·2	·892	−·012	·878	88	+
Akyab ...	29	29·793	−·034	29·711	85·0	− 2·3	90	6	74·9	−1·3	67	29	78·5	79·9	75·9	76·3	·862	−·045	·848	38	−
Upper Burma																					
†Minbu ...	168	see Nov.																			
Yamethin ...	644	29·191	−·030	29·092	87·6	− 3·0	91	15, 22	73·6	−0·2	70	10, 31	77·3	78·5	74·7	74·8	·833	−·008	·819	88	+
Mandalay ...	252	29·594	−·025	29·481	87·4	− 1·9	93	15	73·2	−0·2	67	31	77·6	82·0	75·1	77·1	·833	−·005	·858	89	+
Monywa ...	267	29·586	−·029	29·467	88·9	− 1·4	95	16	74·8	−0·4	68	31	77·3	83·2	75·5	78·1	·839	−·025	·889	92	+
Lashio ...	2,802	27·086	−·027	26·98[illegible]	80·1	− 2·1	88	6	64·8	+0·9	58	3	68·7	72·6	66·7	69·0	·636	−·014	·664	90	−
Bhamo ...	386	29·455	−·037	29·338	84·4	− 3·3	93	5, 6	70·4	+0·8	[illegible]	29, 30	74·5	79·2	72·0	75·6	·750	−·027	·848	88	−
Myitkyina ...	476	29·368	−·034	29·247	85·0	− 0·7	93	6	70·5	+0·5	[illegible]	30	74·3	79·2	71·9	75·2	·750	+·005	·812	89	+
Assam																					
Dibrugarh ...	348	29·494	−·044	29·375	86·5	+ 2·4	96	10	70·1	+0·3	60	31	75·2	78·8	71·9	74·4	·736	−·001	·777	85	−
Sibsagar ...	317	29·514	−·054	29·390	87·0	+ 2·9	96	10	71·6	+1·0	59	31	76·3	80·6	73·8	76·3	·804	+·015	·842	89	−
Tezpur ...	258	29·576	−·059	29·463	88·1	+ 2·3	94	3, 9, 10	72·1	+1·0	61	30, 31	75·9	81·2	73·1	76·4	·770	+·009	·828	87	−
Gauhati ...	182	29·647	−·053	29·542	88·8	+ 1·9	94	8, 9, 11	72·0	+1·2	62	30, 31	77·6	81·4	74·6	75·9	·826	+·035	·821	86	−
Dhubri ...	115	29·720	−·044	29·614	85·4	+ 0·9	90	10, 11	73·8	+1·1	66	28, 29	77·3	81·2	74·8	75·6	·833	+·033	·821	88	
Silchar ...	96	29·743	−·037	29·630	87·8	− 0·8	98	9	72·5	+0·2	62	29	76·3	81·2	73·7	76·5	·804	−·024	·865	89	
Srimangal ...	69	29·755	−·052	29·654	88·1	− 1·5	95	3	71·2	+1·1	59	30	78·4	79·9	75·4	76·8	·826	+·001	·885	87	−
Bengal																					
Cox's Bazar ...	38	29·774	−·043	29·692	85·7	− 1·2	91	6, 7, 8	73·3	−0·1	64	29,30,31	78·6	80·6	75·5	75·9	·819	−·052	·835	85	−
Chittagong ...	87	29·736	−·037	29·649	87·4	+ 0·7	94	7	73·8	+0·5	62	30	78·6	80·7	75·2	76·1	·819	−·043	·835	85	−
Noakhali ...	22	29·789	−·049	29·693	86·7	+ 0·4	93	4, 6, 7	76·2	+1·3	67	30	80 1	83·2	77·1	77·2	·885	+·011	·845	87	−
Comilla ...	37	29·772	−·054	29·677	89·8	+ 1·9	97	17	74·2	+1·1	63	29, 30	80·1	82·3	76·1	77·3	·842	−·020	·858	83	−
Brahmanbaria ...	32	29·782		29·692	87·6	− 1·1	94	8	76·0	+2·7	66	29, 30	81·6	83·2	76·6	76·9	·858	+·009	·839	79	−
Narayanganj ...	26	29·777	−·058	29·683	90·0	+ 2·1	95	4, 7, 8	76·7	+1·4	67	30, 31	82·3	84·4	77·0	76·7	·851	−·017	·824	78	−
Mymensingh ...	62	29·768	−·037	29·670	88·6	+ 1·7	94	7	74·3	+0·4	64	29	79·3	83·5	76·1	76·6	·855	0	·831	85	−
Faridpur ...	27	29·786	−·055	29·689	88·6	+ 2·1	93	4 days	75·5	+1·5	65	29	81·0	82·2	77·1	76·8	·872	−·001	·851	83	−
Barisal ...	11	29·796	−·041	29·704	88·8	+ 1·4	95	4, 7, 8	76·4	+1·3	67	29, 30	81·6	83·6	77·3	77·2	·865	−·021	·838	82	−
Khulna ...	16	29·797	−·038	29·702	88·7	+ 1·2	94	4	76·0	+1·9	65	28	82·2	83·2	77·4	76·3	·858	−·004	·801	79	−
Jessore ...	26	29·775	−·056	29·677	89·9		95	4, 8	72·6		60	28	80·5	80·5	77·4	76·8	·895	+·016	·878	86	+
Satkhira ...	16	29·785	−·061	29·688	89·8	+ 0·5	96	7	73·7	+0·2	62	28	81·4	84·2	77·2	77·5	·872	−·031	·838	82	−
Calcutta ...	21	29·783	−·049	29·691	91·1	+ 2·2	96	7	75·0	+1·2	65	27, 28	79·9	83·3	76·5	76·6	·895	+·035	·838	86	
Saugor Island ...	10	29·783	−·053	29·698	86·6	− 0·5	90	6, 7	76·6	+0·3	68	28	81·5	82·3	77·5	77·1	·872	−·022	·858	83	−
Sandheads ...	28	29·768	−·064	29·685									83·3	84·6	77·5	77·6	·845	−·057	·862	76	−
Midnapore ...	149	29·655	−·045	29·556	90·2	+ 0·8	94	7	72·8	−0·6	60	29	78·6	83·1	74·7	76·1	·812	+·019	·801	82	+
Burdwan ...	99	29·711	−·047	29·610	90·9	+ 2·0	94	4, 5	74·4	−0·1	63	27	80·1	83·8	75·3	76·9	·799	−·016	·831	79	−
Krishnagar ...	48	29·759	−·052	29·668	92·0	+ 3·0	97	4	73·3	+0·2	61	27, 28	82·1	83·6	76·9	76·9	·853	+·023	·838	78	−
Asansol ...	414	29·887	−·042	29·280	90·3	+ 1·6	95	8	71·4	+0·4	59	29	77·1	85·9	72·6	74·2	·750	−·031	·683	79	−
Berhampore ...	62	29·737	−·060	29·635	91·0	+ 3·2	95	4, 5	74·0	−0·4	62	27	80·1	84·4	75·7	76·2	·835	+·003	·788	80	−
Bogra ...	63	29·753	−·047	29·656	88·9	+ 1·6	94	5	73·9	+1·0	63	29	79·7	82·5	76·0	76·3	·848	+·011	·815	84	−
Malda ...	108	29·709	−·034	29·611	89·7	+ 1·7	94	8	74·8	+2·5	64	27,28,31	81·0	84·7	75·7	76·3	·821	−·003	·781	78	−
Dinajpur ...	123	29·682	−·057	29·582	89·3	+ 1·9	95	3	72·8	+0·9	61	28	78·7	84·3	74·8	77·9	·812	−·001	·869	83	−
Jalpaiguri ...	271	29·553	−·048	29·446	87·3	+ 0·7	93	4 days	70·9	+0·5	62	4 days	76·1	82·1	72·3	75·3	·730	−·037	·772	82	−
Addenda for Sept.																					
Toungoo ...	158	29·616	−·013	29·517	88·5	− 0·5	92	11, 28	75·7	+0·5	73	1, 29	79·2	80·8	76·7	77·8	·892	−·016	·916	89	−

*8 hrs. observations at surface observatory (old site), height 59 feet; 17 hrs. observations at combined observatory (new site), height 261 feet. † Register not received.

d amount hs of sky).		Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																	STATION.
										8 hrs. I. M. T.									17 hrs. I. S. T									
Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																												Bay Islands
+ 1·0	9·2	12·53	+ 1·46	4·24	2	10	− 5·7	6·2	+ 1·4	0	5	1	0	3	5	9	1	7	0	3	3	2	1	6	12	3	1	*Port Blair
																												Lower Burma
+ 2·0	9·0	21·10	+ 3·31	5·37	8	19	+ 1·1	3·7	− 0·7	1	8	3	4	2	5	2	1	5	0	7	2	0	1	7	5	1	8	Victoria Point
+ 2·4	8·5	20·24	+ 8·15	3·95	7	20	+ 3·8	4·0	+ 2·6	1	6	4	10	2	3	1	0	4	2	2	3	9	2	4	2	5	2	Mergui
+ 3·1	7·6	21·23	+10·57	3·40	7	15	+ 2·6	2·2	+ 1·2	0	1	0	1	0	0	0	0	29	0	0	0	1	1	0	0	0	29	Tavoy
	7·3	54·98	+24·16	7·61	14	14	+ 2·0	5·5		0	2	7	2	3	2	0	2	13	0	2	2	1	4	9	2	6	5	Amherst
− 0·9	5·9	11·01	+ 4·10	2·34	16	17	+ 7·0	2·1	− 0·1	3	5	3	4	4	2	1	1	8	0	1	0	5	9	3	1	1	11	Rangoon
	7·7	4·41	− 1·16	1·45	3	9	− 0·5	2·6		5	1	3	16	1	1	0	0	4	0	0	1	8	1	1	2	1	17	Tharrawaddy
+ 2·1	7·7	11·60	+ 3·42	1·88	4	17	+ 4·6	4·1	+ 1·7	3	4	4	8	3	2	2	4	1	0	0	0	4	6	4	2	1	14	Bassein
+ 3·0	9·6	14·02	+ 5·48	4·59	6	15	+ 4·0	8·7		3	3	4	6	5	2	4	3	1	1	1	1	5	5	3	4	10	1	Diamond Island
	6·8	6·05	− 0·40	1·75	5	12	+ 4·3	3·5		2	0	1	18	1	0	0	1	18	0	0	1	12	0	0	1	18	4	Gwa
	6·6	14·02		3·17	17	15		1·0		0	4	4	0	0	0	0	0	23	0	1	0	0	2	1	2	0	25	Sandoway
+ 1·0	7·5	14·18	+ 6·75	3·48	10	12	+ 1·8	2·3	+ 0·8	4	1	1	8	7	1	2	6	1	1	2	1	5	6	2	2	1	11	Toungoo
+ 3·4	8·5	16·55	+ 7·77	4·43	24	19	+ 8·6	4·3	+ 2·7	1	6	2	14	0	1	0	4	3	0	0	0	5	5	5	4	8	4	Kyaukpyu
+ 2·2	6·2	21·44	+10·53	3·46	24	15	+ 5·7	9·6		6	9	6	4	1	0	4	1	0	0	1	3	4	6	6	10	1	0	Akyab
																												Upper Burma
+ 1·6	5·6	4·37	− 1·18	1·13	4	9	+ 1·1	1·0		2	0	0	3	9	0	0	0	17	1	0	0	2	7	0	0	0	21	†Minbu
+ 3·1	5·5	5·33	+ 1·05	1·36	23	12	+ 5·4	2·2	− 1·2	3	1	0	10	5	3	0	1	9	6	0	1	4	3	1	0	2	14	Yamethin
+ 0·3	4·3	3·79	− 0·37	0·80	20	10	+ 4·0	2·1	+ 0·7	6	0	2	4	5	2	2	4	6	1	0	1	1	4	0	0	0	24	Mandalay
− 0·1	5·8	7·51	+ 1·80	2·74	24	10	+ 0·3	1·2	0	0	0	1	1	3	1	1	0	24	0	0	0	0	1	9	7	2	12	Monywa
+ 1·4	4·4	13·34	+ 9·08	2·91	20	13	+ 6·3	1·5	+ 0·3	10	7	0	1	1	0	1	4	7	1	5	0	0	2	1	2	0	20	Lashio
	0	4·3	6·31	− 0·02	1·34	20	12	+ 3·9	2·4	+ 1·0	5	5	4	3	6	5	2	0	1	3	2	0	0	5	4	3	1	13	Bhamo
																												Myitkyina
+ 0·6	4·6	9·75	+ 3·95	2·87	12	9	+ 0·8	1·5	+ 1·0	6	5	11	0	0	2	0	0	7	1	1	2	0	0	1	0	0	26	**Assam**
+ 0·2	5·3	3·59	− 1·51	0·81	11	9	+ 1·3	3·0	+ 1·7	5	9	3	4	4	3	0	0	3	5	10	3	1	1	3	2	0	6	Dibrugarh
− 0·4	2·6	2·83	− 1·38	0·85	29	6	− 0·2	1·3	− 0·4	2	10	12	0	0	0	3	0	4	1	1	3	0	0	0	2	1	23	Sibsagar
− 0·8	3·9	2·98	+ 0·19	2·28	12	4	− 0·1	1·8	+ 0·7	4	6	7	2	2	3	2	1	4	2	0	1	1	1	3	1	0	22	Tezpur
+ 0·3	2·9	6·98	+ 2·35	2·08	14	7	+ 2·3	3·4	+ 0·3	3	11	7	2	4	2	0	1	1	0	1	2	0	7	8	1	0	12	Gauhati
	0	3·5	13·07	+ 6·52	4·12	23	11	+ 3·4	1·1	+ 0·1	3	4	4	12	1	0	1	0	6	4	0	1	3	1	1	1	1	19	Dhubri
																												Silchar
+ 1·1	3·7	8·75	+ 1·93	2·07	9	9	+ 0·6	1·9		2	5	3	6	7	2	1	3	2	2	3	3	3	2	3	3	2	10	Srimangal
																												Bengal
+ 2·4	6·1	14·38	+ 5·65	6·00	22	12	+ 3·7	3·3	+ 1·6	2	3	2	9	4	3	0	0	11	3	0	1	6	6	0	4	2	9	Cox's Bazar
+ 1·0	4·8	7·88	+ 1·00	3·78	17	9	+ 2·1	3·9		3	11	6	6	3	1	0	1	0	4	0	1	6	7	5	3	5	0	Chittagong
+ 2·6	5·0	8·27	− 0·09	1·86	23	10	+ 2·4	4·7	+ 3·0	2	8	3	7	5	2	0	4	0	6	1	2	6	7	1	2	6	0	Noakhali
+ 1·8	5·1	6·65	+ 0·15	1·62	23	9	+ 2·9	1·9		3	3	3	5	11	1	0	0	5	2	1	2	1	3	2	0	0	20	Comilla
	3·7	7·28	+ 1·02	3·29	22	4	− 2·9	2·4		1	3	0	15	6	5	0	0	1	4	3	0	3	6	4	0	1	10	Brahmanbaria
− 0·5	3·6	4·64	− 0·46	0·99	13	7	+ 1·2	2·2	+ 0·4	0	2	4	4	3	6	3	6	3	0	1	5	4	3	3	3	4	8	Narayanganj
− 0·3	3·1	1·61	− 4·19	1·01	18	2	− 3·7	2·0	+ 1·1	0	2	8	5	0	1	0	0	15	0	3	1	4	0	0	1	0	22	Mymensingh
+ 1·1	3·3	4·00	− 0·74	2·88	19	4	− 1·4	2·6		0	3	2	11	6	0	1	2	6	2	2	0	6	3	0	0	2	16	Faridpur
+ 1·3	4·1	5·75	− 0·51	1·23	11	7	+ 0·3	2·6	+ 1·5	6	3	1	3	3	4	0	2	9	1	1	2	6	4	0	0	1	16	Barisal
+ 0·5	4·3	2·30	− 0·82	0·73	12	7	+ 1·4	2·9		3	4	5	4	3	3	4	2	3	3	4	2	8	2	1	1	1	9	Khulna
− 0·3	2·1	3·15	− 1·74	0·87	11	6	+ 0·2	2·3	+ 1·0	0	2	3	3	6	2	2	1	12	0	0	1	2	5	0	0	3	23	Jessore
+ 1·7	3·6	1·83	− 1·40	0·50	4	6	+ 1·0	1·9		2	4	3	1	5	5	3	5	3	0	1	4	1	1	2	0	1	21	Satkhira
+ 0·4	4·6	3·77	− 0·42	1·35	23	6	0	1·9	− 0·2	1	1	3	3	1	5	0	0	17	3	0	2	2	2	3	1	0	18	Calcutta
+ 0·3	5·4	3·61	− 4·58	0·85	23	8	+ 0·5	8·5	+ 3·0	4	11	5	1	4	2	2	2	0	2	5	5	5	10	4	0	0	0	Saugor Island
	0	5·1	5·68	+ 1·61	2·92	23	8	+ 2·9		5	10	4	2	2	4	0	1	3	4	2	6	2	3	4	0	2	8	Sandheads
+ 1·0	3·8	3·31	− 0·33	1·39	17	6	+ 0·6	1·7	+ 0·3	7	3	3	2	3	3	1	1	8	0	1	2	5	4	0	0	0	19	Midnapore
− 0·7	3·2	3·59	+ 0·16	1·45	3	4	− 0·3	1·5		3	1	2	7	2	3	2	5	6	2	1	0	3	1	2	0	0	22	Burdwan
− 0·4	3·8	0·78	− 3·60	0·41	10	3	− 1·9	2·2		2	4	3	4	5	4	2	2	5	0	1	2	3	1	1	0	0	23	Krishnagar
− 0·1	3·2	1·96	− 2·60	0·66	17	5	− 0·6	3·4		3	3	2	1	0	1	9	9	3	2	5	3	6	1	2	4	6	2	Asansol
− 0·6	3·7	2·48	− 1·72	0·75	9	5	+ 0·3	2·0	+ 0·6	3	4	1	9	2	4	0	2	6	0	1	3	1	1	1	0	0	24	Berhampore
+ 0·4	3·1	3·99	− 0·97	2·79	17	3	− 2·3	1·9	+ 0·9	2	3	7	5	5	5	2	0	2	1	3	2	4	2	1	3	1	14	Bogra
	0	1·7	0·48	− 3·86	0·21	17	3	− 1·1	2·8		2	4	8	1	6	4	2	0	4	3	3	2	2	1	2	0	2	16	Malda
− 0·1	1·9	4·98	+ 0·73	3·97	16	5	+ 0·8	1·6	+ 0·1	1	9	9	1	7	0	1	0	3	0	4	6	3	1	3	0	0	14	Dinajpur
	2·1	5·52	+ 0·72	2·03	16	5	+ 0·2	1·5	+ 0·4	8	6	7	3	0	0	1	1	5	0	0	2	2	4	0	1	1	21	Jalpaiguri
																												Addenda for Sept.
+ 1·0	9·3	16·38	+ 4·25	2·57	14	18	+ 0·4	2·8	+ 0·3	2	0	0	10	10	3	0	2	3	0	0	2	8	7	0	2	1	10	Toungoo

a—Mean of 30 days.

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Relati humid %	
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Orissa																					
Balasore ...	65	29·731	−·052	29·641	88·1	− 0·5	92	15, 21	73·6	+0·3	63	29	78·7	82·3	74·5	77·1	·812	−·006	·858	82	− 2
Chandbali ...	20	29·777	−·056	29·695	88·1	0	93	17	74·7	+0·1	65	27,29,30	78·5	82·4	75·7	76·8	·855		·851	87	+ 4
Puri ...	20	29·764	−·059	29·677	88·4	− 0·8	91	6 days	76·6	−0·5	70	30	80·6	83·7	75·8	76·9	·828	−·032	·831	79	− 3
Gopalpur ...	56	29·717	−·071	29·636	88·6	+ 0·6	92	19,20,21	74·7	0	66	30	80·7	84·1	74·6	77·1	·785	−·034	·831	75	− 7
Cuttack ...	87	29·717	−·044	29·626	89·6	− 0·3	92	8 days	75·0	−1·7	64	29, 30	78·7	83·7	74·8	76·0	·812	+·009	·794	82	+ 1
Angul ...	455	29·232	−·058	29·235	88·1	− 0·9	91	7, 15	71·4	0	62	27,28,29	76·1	83·8	72·4	73·7	·736	−·023	·703	82	+ 2
Sambalpur ...	486	29·314	−·059	29·210	89·0	+ 0·2	92	21	70·6	−0·9	59	27	77·0	83·4	72·9	74·9	·756	+·007	·752	81	+ 3
Chota Nagpur																					
Jamshedpur ...	423	29·388			90·2		95	8	70·7		57	29	76·6		71·7		·716			77	
Chaibasa ...	742	29·050	−·050	28·949	89·3	+ 0·6	92	7, 8, 21	69·8	−0·2	58	29	76·0	83·1	71·4	74·0	·697	−·028	·716	78	− 3
Ranchi ...	2,152	27·670	−·035	27·588	83·0	− 0·4	86	6, 7, 8	66·1	−0·5	57	27, 29	74·5	78·1	67·8	67·8	·602	+·003	·552	70	− 1
Hazaribagh ...	2,006	27·821	−·025	27·737	84·3	+ 0·7	88	1, 2, 3	66·3	−0·6	55	27	75·7	77·5	68·8	68·6	·620	+·047	·595	70	+ 2
Daltonganj ...	725	29·082	−·046	28·973	89·3	− 0·3	98	3	68·5	+2·5	56	29	75·0	85·0	69·8	71·6	·665	+·016	·602	76	− 4
Bihar																					
Purnea ...	124	29·687	−·056	29·585	90·2	+ 3·3	96	4	72·1	+0·9	60	27, 28	79·2	83·9	75·0	77·3	·812	+·008	·838	81	− 8
Darbhanga ...	161	29·653	−·047	29·546	91·2		97	5	72·7		60	27	81·4	86·0	75·7	76·9	·821		·804	76	
Motihari ...	220	29·589	−·055	29·485	90·6	+ 2·8	97	3	71·2	+2·1	59	4 days	79·0	85·6	74·2	75·9	·770	−·011	·767	79	− 7
Patna ...	173	29·637	−·048	29·534	90·8	+ 2·4	95	5, 10	74·4	+1·6	63	26, 27	80·7	86·3	74·2	74·6	·750	0	·711	72	− 2
Gaya ...	372	29·432	−·053	29·327	93·1	+ 3·1	97	7	73·2	+2·0	63	27,28,31	81·3	87·3	72·5	74·0	·636	+·006	·662	64	− 9
Naya Dumka ..	489	29·309	−·056	29·189	90·8	+ 2·8	94	5 days	70·7	−0·1	58	29	78·3	83·3	72·9	73·6	·736	−·015	·710	76	− 2
Sabour ...	122	29·688		29·586	89·8		95	4	72·0		58	27	79·8	82·9	74·9	76·0	·799		·801	79	
United Provinces, East																					
Gonda ...	360	29·455		29·355	91·0		97	3, 4, 10	70·1		58	31	75·8	84·1	72·3	74·7	·736		·738	84	
Gorakhpur ...	257	29·557	−·039	29·449	91·8	+ 3·0	98	3, 10	72·1	+2·6	60	26, 31	79·5	86·1	73·3	74·5	·729	+·004	·711	73	− 5
Benares ...	250	29·548	−·057	29·448	91·8	+ 1·3	95	5	70·7	+2·8	59	28	79·1	87·3	72·1	72·5	·689	+·011	·608	69	− 4
Allahabad ...	309	29·485	−·061	29·380	91·8	+ 0·7	97	1	70·3	+2·8	60	25	77·9	86·0	72·6	74·4	·736	+·109	·683	76	+ 9
Fatehpur ...	375	29·415		29·311	92·8		97	5 days	69·6		58	31	79·9	84·6	73·5	76·3	·722		·781	72	
Cawnpore ...	416	29·377	−·061	29·289	93·5	+ 1·8	100	2	71·4	+4·8	61	31	76·0	86·9	69·6	73·4	·645	+·064	·628	71	+ 6
Lucknow ...	371	29·421	−·061	29·325	91·5	+ 0·1	98	2, 10	69·7	+3·6	57	31	78·0	84·4	71·4	75·3	·670	+·036	·745	71	+ 1
Bahraich ...	407	29·388	−·051	29·292	91·0	+ 0·4	99	3, 4	71·2	+3·0	59	29	77·7	86·9	72·4	74·6	·709	+·024	·698	76	+ 1
United Provinces, West																					
Jhansi ...	824	28·981	−·064	28·881	94·0	+ 0·7	99	11	68·6	−0·8	59	25	78·4	88·8	68·0	70·1	·543	+·015	·483	57	+ 2
Agra ...	554	29·247	−·057	29·153	95·7	+ 3·4	101	1, 2, 3	64·8	+3·3	55	25, 31	77·7	91·7	65·2	68·3	·449	−·043	·368	48	− 12
Mainpuri ...	516	29·279	−·053	29·181	95·7	+ 2·8	101	6 days	67·5	+2·1	56	31	78·5	89·5	67·8	70·7	·543	−·005	·502	55	− 10
Aligarh ...	615	29·178		29·083	94·8		100	1, 2	68·6		57	31	77·1	90·5	64·9	68·1	·456		·382	48	
Bareilly ...	568	29·220	−·058	29·119	92·7	+ 3·0	99	4, 9, 10	67·6	+2·3	53	31	75·3	86·9	69·0	72·2	·620	+·003	·588	71	− 4
Roorkee ...	899	28·904	−·050	28·800	90·7	+ 2·1	97	2, 5	62·5	+1·3	48	31	73·7	86·9	65·3	68·4	·502	−·034	·435	61	− 13
Dehra Dun ...	2,239	27·593	−·039	27·512	85·3	+ 2·6	91	11	60·5	−0·1	49	27,30,31	67·9	81·9	60·8	67·7	·449	−·017	·503	65	− 3
Punjab, East and North																					
New Delhi ..	714	29·084	−·052	28·983	95·0		101	1, 2	66·9		54	31	76·5	91·4	62·6	66·8	·388		·332	43	
Hansi ..	711	29·085			96·2		104	1, 2, 3	64·9		55	27, 30	77·0		63·6		·415			44	
Hissar ...	725	29·086	−·042	28·989	96·7	+ 2·5	105	3	63·1	−0·6	52	29	76·2	89·5	64·5	69·8	·462	+·020	·470	50	− 6
Ambala ...	892	28·912	−·042	28·820	94·9	+ 2·8	102	23,24	63·0	+1·6	58	23,24,26	73·2	89·8	63·0	66·5	·441	−·065	·345	55	− 13
Ludhiana ..	812	28·991	−·047	28·916	96·2	+ 4·4	104	5	62·3	−0·8	52	30	74·9	90·2	62·9	65·8	·414	−·056	·310	48	− 13
Lahore ..	702	29·088	−·054	29·015	94·5	− 0·1	105	5	60·6	+1·4	52	4 days	73·0	89·5	63·3	68·9	·448	−·015	·432	56	+ 4
Sialkot ...	880	28·966	−·054	28·878	93·3	+ 1·4	102	5	62·5	+0·4	54	25, 30	72·0	87·1	61·2	67·6	·389	−·097	·422	50	− 16
Rawalpindi ...	1,674	28·141	−·053	28·065	90·2	+ 1·4	100	2, 3, 4	54·1	−2·5	44	25	67·4	85·8	56·1	62·9	·306	−·087	·288	47	− 12
Punjab, Southwest																					
Khushab ...	612	29·188	−·053	29·098	94·8	+ 0·8	102	5, 12	64·3	+ 1·0	56	24, 25	73·2	92·0	60·9	67·3	·369	−·017	·332	46	0
Lyallpur ...	605	29·184	−·057	29·113	94·5	+ 1·8	103	5	62·5	+ 0·6	54	30	74·8	89·0	62·5	68·3	·408	−·050	·403	47	− 12
Montgomery ...	558	29·239	−·049	29·159	94·5	− 1·3	105	5	63·7	+0·3	55	25	73·3	90·8	64·7	75·4	·502	+·040	·657	61	+ 6
Multan ..	413	29·381	−·047	29·294	96·7	+ 2·5	106	2					74·9	93·5	64·1	71·3	·448	−·072	·461	53	− 12
Fort Abbas ...	475	29·324		29·230	99·0		108	3, 4	65·1		56	27	79·5	95·1	63·7	69·0	·381		·358	38	
Bahawalpur ...	384	29·413		29·320	96·4		105	4	63·8		57	22	76·5	91·2	64·7	71·5	·434		·405	49	
Khanpur ...	297	29·496		29·408	97·9		109	5	65·0		57	25, 26	76·0	94·7	64·3	69·6	·441		·396	50	

(d amount hs of sky).		Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																		STATION.
										8 hrs. L. M. T.										17 hrs. I. S. T.								
Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																												Orissa
+ 1·6	5·1	9·52	+ 3·47	3·28	10	9	+ 3·1	3·3	+ 1·7	7	8	2	1	3	3	0	5	2	1	3	4	4	7	0	0	0	12	Balasore
	4·9	5·81	− 0·42	2·19	8	7	+ 0·2	4·5		6	2	1	3	2	2	6	8	1	3	6	9	3	5	0	0	1	4	Chandbali
+ 1·2	4·6	10·32	+ 3·48	2·80	4	9	+ 1·9	10·1	+ 4·1	17	7	0	0	3	3	1	0	0	5	4	6	5	6	4	0	0	1	Puri
+ 2·0	5·6	11·48	+ 3·46	8·24	10	6	− 0·7			5	1	0	0	4	1	1	19	0	1	13	5	0	5	2	3	2	0	Gopalpur
+ 1·5	5·1	6·79	+ 1·59	1·82	10	8	+ 1·8	3·1	+ 1·8	2	5	3	0	1	3	3	6	8	0	1	2	3	8	2	1	0	19	Cuttack
+ 1·6	5·4	5·14	+ 1·48	1·80	10	7	+ 1·7	4·6	+ 1·6	3	4	1	3	0	0	8	11	1	8	2	5	3	1	0	1	7	4	Angul
+ 1·0	4·5	2·56	+ 0·56	0·50	15	7	+ 3·6	2·6	+ 0·1	4	3	4	1	1	3	1	2	12	1	1	3	1	2	1	0	2	20	Sambalpur
																												Chota Nagpur
		1·09		0·47	17	2		3·5		0	2	5	1	0	0	8	8	7										Jamshedpur
+ 0·8	5·0	1·44	− 1·50	0·50	10	5	+ 1·0	2·3	+ 1·2	1	5	0	0	4	5	3	4	9	1	3	1	1	0	0	1	0	24	Chaibasa
+ 0·6	3·9	1·08	− 1·76	0·40	10	3	− 1·4	3·6	+ 0·2	2	3	4	0	4	4	4	6	4	9	2	6	2	2	1	0	5	4	Ranchi
− 0·3	2·9	1·85	− 1·27	0·62	10	4	− 0·3	5·2	+ 1·4	1	2	3	5	3	3	7	7	0	3	2	4	4	3	2	2	10	1	Hazaribagh
+ 0·5	3·4	1·32	− 0·67	0·94	10	2	− 1·2	2·5	+ 0·8	1	1	8	1	2	0	3	0	15	4	1	7	0	2	0	9	4	4	Daltonganj
																												Bihar
− 0·5	1·5	1·55	− 1·30	0·90	12	4	+ 0·6	1·4	+ 0·1	1	3	8	1	0	3	0	0	15	0	1	1	1	0	0	0	1	27	Purnea
+ 0·3	2·1	1·01		0·88	11	2		1·3	− 0·1	0	4	2	0	0	0	0	0	25	0	0	1	0	0	0	0	0	30	Darbhanga
+ 0·6	1·1	0·34	− 2·06	0·23	12	2	− 0·5	1·5		0	4	8	11	1	0	1	1	5	0	0	2	4	2	3	6	1	13	Motihari
− 0·3	1·8	0·10	− 2·44	0·06	11	0	− 3·1	2·7	+ 0·9	1	4	4	3	1	10	4	0	4	3	6	0	2	0	5	4	0	11	Patna
− 0·9	1·7	0·76	− 1·81	0·59	11	1	− 1·9	3·3	+ 1·4	1	1	4	11	4	6	3	1	0	2	5	8	2	0	0	5	9	0	Gaya
− 0·5	2·1	2·24	− 1·54	0·81	12	4	− 0·5	1·4	+ 0·3	0	3	1	4	0	2	0	5	16	0	4	0	3	0	1	0	2	21	Naya Dumka
	1·5	1·73	− 0·72	0·61	12	4	+ 1·9	2·6		0	2	3	6	2	5	2	0	11	0	1	3	0	1	0	1	2	23	Sahour
																												United Provinces, East
	2·1	1·71		1·09	6	4		2·1		4	3	9	5	0	0	3	5	2	3	0	4	0	0	0	4	6	14	Gonda
+ 0·9	2·5	1·00	− 2·45	0·42	12	3	+ 0·6	1·3		1	3	7	0	0	1	1	1	17	0	0	2	0	0	0	3	1	25	Gorakhpur
+ 0·7	2·8	0·91	− 1·47	0·32	14	4	+ 1·7	4·4	+ 2·7	1	7	0	2	2	15	3	1	0	2	5	4	0	1	3	7	7	2	Benares
+ 0·6	2·4	1·94	− 0·38	0·85	12	5	+ 3·1	3·2	+ 1·2	0	2	2	4	2	3	6	1	11	1	3	5	0	0	0	1	5	16	Allahabad
	3·0	1·60		0·59	12, 14	5		2·3		0	3	1	6	1	0	3	5	12	0	2	3	1	0	0	1	3	21	Fatehpur
+ 1·1	1·6	1·65	+ 0·38	0·81	13	4	+ 2·5	2·3	+ 0·8	1	2	2	2	2	1	4	4	13	2	4	2	1	0	0	2	5	15	Cawnpore
+ 1·3	2·3	4·41	+ 3·23	4·15	13	2	+ 0·3	0·2	− 0·9	0	1	1	1	0	0	0	0	28	0	1	0	0	0	0	0	0	30	Lucknow
+ 1·7	3·1	2·16	+ 0·62	1·13	13	3	+ 1·4			5	1	11	5	1	1	0	1	6	0	1	1	1	2	0	0	0	26	Bahraich
																												United Provinces, West
+ 2·0	2·3	1·12	+ 0·25	0·89	13	3	+ 2·0	3·3	+ 1·2	1	4	3	1	1	12	4	4	1	2	7	3	0	0	0	2	6	11	Jhansi
+ 0·2	1·3	0·15	− 0·61	0·13	13	1	+ 0·2	2·9	+ 0·6	0	2	5	4	0	0	7	5	8	8	4	5	1	0	1	1	8	3	Agra
+ 1·2	2·0	0·78	− 0·35	0·43	13	2	+ 1·0	1·6	+ 0·7	1	1	5	4	1	1	5	3	10	0	1	3	3	0	0	4	4	16	Mainpuri
	0·9	0		0		0		3·3		2	2	3	4	1	0	6	6	7	11	2	3	1	2	0	1	5	6	Aligarh
+ 1·5	1·9	0·47	− 0·72	0·26	13	2	+ 1·2	2·3	+ 1·5	5	3	6	1	1	1	3	0	11	5	1	2	1	1	3	3	7	8	Bareilly
+ 0·9	0·6	0	− 0·70	0		0	− 0·8	2·1	+ 1·1	0	2	0	13	0	3	1	1	11	0	0	0	5	0	1	1	17	7	Roorkee
+ 0·8	1·0	0·18	− 0·89	0·17	14	1	− 0·4	2·5	+ 1·6	4	3	0	1	3	3	4	1	12	2	0	0	1	1	2	6	6	13	Dehra Dun
																												Punjab, East and North
+ 1·0	1·3	0·11	− 0·21	0·09	29	0	− 0·5	6·1	+ 4·3	1	2	4	2	1	4	10	1	6	8	6	2	1	0	0	2	12	0	New Delhi
		0·26		0·16	6	2				5	3	3	0	0	0	3	1	16										Hansi
− 0·4	0·7	0·30	− 0·54	0·20	6	1	+ 0·1	3·7	+ 0·6	1	1	2	5	4	5	2	1	10	9	3	2	2	1	2	4	7	1	Hissar
+ 0·4	1·5	1·24	+ 0·49	1·18	6	1	+ 0·3	3·2	+ 1·6	3	1	11	12	0	0	0	2	2	11	0	2	1	0	0	0	12	5	Ambala
− 0·2	0·8	0·36	− 0·12	0·33	6	1	+ 0·3	1·8	+ 1·1	1	0	4	4	3	2	2	2	13	1	4	0	1	0	1	2	17	5	Ludhiana
− 0·1	0·6	0·57	+ 0·32	0·55	6	1	+ 0·4	1·6	+ 0·5	1	1	4	3	2	1	0	2	17	1	2	0	0	1	1	1	3	22	Lahore
− 0·3	0·7	0·10	− 0·20	0·07	23	0	− 0·7	2·3	+ 1·3	2	19	1	4	0	3	0	1	1	1	1	1	0	0	5	0	7	16	Sialkot
− 0·6	1·1	0·44	− 0·07	0·21	22	2	+ 0·9	2·7	+ 1·5	1	10	0	0	0	2	1	0	17	1	0	2	1	0	14	2	4	7	Rawalpindi
																												Punjab, Southwest
− 0·1	0·7	0	− 0·17	0		0	− 0·4	4·1	+ 1·0	0	10	4	1	2	2	2	1	9	1	3	7	8	4	5	3	0	0	Khushab
− 1·2	0·4	0	− 0·24	0		0	− 0·5	1·5	0	2	4	3	1	1	2	0	1	17	0	1	0	1	1	2	*a*	4	22	Lyallpur
− 0·1	0·3	0·03	− 0·03	0·03	6	0	− 0·2	1·5	− 1·7	0	2	0	1	0	2	2	0	24	1	3	0	0	1	0	5	1	20	Montgomery
− 0·2	0·5	0	− 0·05	0		0	− 0·2	2·6	+ 1·6	6	4	0	2	7	6	0	4	0	6	1	3	1	8	4	2	3	3	Multan
	0·8	0		0		0		5·7		0	5	5	9	1	8	0	0	2	7	5	1	0	0	8	5	4	0	Fort Abbas
	0·2	0	0	0		0	0	2·4		0	5	9	1	4	6	2	0	4	2	6	2	0	0	2	5	3	14	Bahawalpur
	0·2	0	0	0		0	0	4·1		7	5	0	1	1	10	1	2	4	10	2	1	0	0	3	5	10	0	Khanpur

a—Mean of 29 days. *b*—Mean of 29 days.

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature. °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Relative humidity %	
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Kashmir																					
Srinagar ...	5,205	24·907	- ·040	24·813	72·0	- 2·2	88	2	40·3	+ 0·1	31	30	51·1	64·9	46·7	53·1	·275	- ·010	·277	72	- 18
Gulmarg ...								Closed during winter months.													
Muzaffarabad ...	2,343	27·472	- ·062		85·5	+ 1·1	96	2, 3, 4	57·0	+ 1·5	49	24	62·2		56·2		·374	+ ·015		67	+ 4
Dras ...	10,059	20·885	+ ·035		54·8	- 1·6	72	2	29·3	+ 1·9	20	27, 28	35·9		31·1		·184	- ·023		64	- 6
Leh ...	11,503	19·756	- ·002		55·7	- 3·2	64	3	30·2	- 0·3	20	25, 29	33·2		29·9		·100	- ·014		44	- 2
Skardu ...	7,505				66·8	+ 0·5	84	2	41·1	- 0·2	31	29	46·7		43·0		·240	+ ·040		75	+ 15
Gilgit ...	4,890				71·1	- 4·2	86	3	53·7	+ 1·1	44	30	57·4		49·2		·261	+ ·011		55	+ 5
N.-W. F. Province																					
Peshawar ...	1,164	28·673	- ·049	28·575	88·5	+ 0·6	97	4 days	59·5	- 0·8	51	24	70·4	85·7	57·9	63·7	·315	- ·047	·321	43	- 5
Miranshah ...	3,026				85·0		95	1	59·4		49	31	66·5		51·6		·202			31	
Dera Ismail Khan...	570	29·247	- ·026	29·151	95·2	+ 1·7	103	4 days	61·4	- 0·1	53	31	74·5	91·2	65·5	76·6	·496	+ ·048	·780	61	+ 1
Baluchistan																					
Fort Sandeman ...	4,614	25·427	- ·021	25·334	82·6	- 0·7	94	1, 2	54·6	+ 2·1	44	31	62·3	80·3	48·1	54·7	·174	- ·029	·138	32	- 1
Sibi ...	441	29·361			93·7		110	5	66·5		57	23	76·8		57·5		·205			25	
Quetta ...	5,540	24·618	- ·035	24·556	76·6		90	2	38·6		30	7, 22	57·8	72·7	46·3	53·1	·178		·198	38	
Chaman ...	4,311	25·706	- ·023	25·655	80·7	+ 0·8	95	1, 2	54·5	+ 1·2	46	22	67·4	78·3	51·4	55·5	·190	- ·006	·167	30	0
Kalat ...	6,616	23·703	+ ·006		74·7	+ 0·8	89	1	38·9	+ 6·5	32	23	55·4		45·8		·212	+ ·043		48	0
Dalbandin ...	2,780	27·128	- ·028	27·033	89·3	0	103	1	51·6	+ 0·5	42	24	66·8	86·8	53·5	69·0	·235	+ ·055	·482	37	+ 9
Nokkundi ...	2,229	27·617		27·525	91·4		106	1	60·7		50	23	74·5	90·3	55·3	63·9	·197		·265	24	
Las Bela ...	292	29·536		29·409	101·3		113	5	62·5		50	23	79·1	97·9	69·8	76·6	·604		·635	63	
Ormara ...	15	29·832		29·731	88·5		107	5	71·3		59	31	77·8	84·9	71·0	72·9	·663		·646	75	
Pasni ...	10	29·838	- ·052	29·745	91·2	+ 0·6	104	5	69·3	+ 2·5	59	24	76·1	85·7	69·5	75·3	·620	- ·030	·724	73	+ 2
Panjgur ...	3,177	26·745	- ·029	26·668	87·2	+ 0·3	99	1	56·9	+ 1·7	48	23	67·4	84·5	55·1	65·9	·278	+ ·020	·423	43	0
Gwador ...	39	29·818		29·732	89·9		104	5	70·8		67	19	77·0	86·7	74·9	80·6	·839		·974	90	
Sind																					
Jacobabad ...	186	29·579	- ·086	29·492	101·1	+ 2·0	111	5	65·9	+ 2·2	57	22	76·1	99·3	65·6	72·9	·497	+ ·009	·453	53	- 2
Sukkur ...	221	29·573			97·3		106	5	70·5		63	25	75·6		65·4		·482			56	
Naushahro ...	140	29·628		29·539	101·8		110	2, 5	63·4		46	28	75·0	96·8	65·4	69·9	·489		·369	60	
*Chhor ...	19																				
Hyderabad ...	96	29·721	- ·041	29·631	100·3	+ 2·5	106	2, 3	71·9	+ 1·7	65	24, 27, 29	79·8	97·5	70·9	76·8	·636	+ ·087	·648	64	+ 6
Karachi (Drigh Road)	77	29·752		29·667	95·1		110	4, 5	69·3		58	23	78·4	90·0	70·7	71·3	·656		·503	70	
Karachi (Manora)...	13	29·808	- ·062	29·735	85·1	- 2·1	100	4	72·6	- 1·0	66	23	77·0	82·2	72·4	74·8	·723	- ·019	·765	80	+ 4
Badin ...	37	29·790		29·688	97·3		106	3	70·7		64	29, 30	79·7	94·3	72·4	73·7	·682		·561	70	
Rajputana, West																					
Sri Ganganagar ...	580	29·216		29·131	96·3		105	3, 4, 5	61·6		53	25	75·3	91·6	61·8	66·4	·375		·303	42	
Bikaner ...	734	29·062	- ·047	28·963	97·1		105	4 days	68·2		59	27, 30, 31	78·5	95·1	63·3	69·0	·374		·358	39	
Jodhpur ...	780	29·041	- ·051	28·930	99·2	+ 2·8	107	2	72·3	+ 4·5	64	22	79·9	96·9	64·2	67·2	·388	- ·014	·265	39	- 4
Barmer ...	638	29·170		29·066	97·1		105	1, 2	73·1		65	23, 25, 26	81·5	96·3	69·5	72·4	·546		·460	53	
Rajputana, East																					
Jaipur ...	1,431	28·388	- ·062	28·292	94·2	- 0·3	101	2	67·9	+ 4·1	61	27, 28	79·9	90·7	66·8	69·0	·498	+ ·068	·438	48	+ 2
Ajmer ...	1,593	28·222	- ·071	28·124	93·3	+ 1·6	100	2	67·2	+ 2·4	59	11, 22, 27	80·5	90·1	65·2	65·8	·423	- ·051	·332	41	- 19
*Kotah ...	843																				
Brijnagar ...	1,053	28·746		28·644	93·9		98	2, 3	66·5		58	24, 28	77·4	89·3	67·3	69·9	·526		·487	58	
Gujarat																					
Deesa ..	466	29·359	- ·056	29·250	97·0	- 0·5	103	1	65·8	- 1·1	59	22, 24	78·5	94·9	68·4	68·9	·549	+ ·026	·358	57	+ 4
Bhuj ...	343	29·488	- ·045	29·382	97·5	+ 1·5	107	6	71·9	+ 1·3	64	24	79·8	94·4	70·2	68·9	·604	- ·037	·365	62	- 1
Dwarka ...	37	29·816	- ·034	29·733	84·5	- 2·7	88	5	74·6	- 1·4	67	23	79·3	81·6	74·2	75·8	·770	- ·038	·815	78	0
Jamnagar ...	60	29·789	- ·038		91·5	- 2·2	99	8	71·7	+ 1·1	66	25, 26	80·9		74·4		·750	+ ·023		73	+ 5
Rajkot ...	482	29·405	- ·039	29·294	96·9	+ 1·3	105	7	69·7	+ 1·4	63	24, 26	78·9	98·7	71·8	70·1	·689	+ ·049	·416	70	+ 5
Veraval ...	19	29·828	- ·028	29·745	85·8	- 2·9	93	28, 29, 30	72·5	- 0·3	66	25	79·7	81·6	74·4	77·8	·764	+ ·076	·903	78	+ 9
Surat ...	39	29·802	- ·038	29·715	91·6	- 2·1	99	1	72·8	+ 1·3	67	24, 26, 31	79·5	87·6	73·3	74·4	·729	+ ·011	·662	74	+ 3
Bhavnagar ...	55	29·793	- ·038	29·682	94·7	- 1·5	103	1	71·4	+ 1·0	64	25	78·5	91·2	71·0	72·5	·656	+ ·025	·561	68	+ 6
Ahmadabad ...	163	29·682	- ·039	29·560	97·0	- 0·3	108	1	73·2	+ 0·8	69	23, 25, 29	80·3	93·6	71·6	71·8	·669	+ ·090	·500	64	+ 8
Dohad ...	1,098	28·732			93·1		99	1, 2	69·0		62	25	77·0		69·9		·638			69	
Baroda ...	115	29·725		29·616	93·5		101	1	68·6		60	30, 31	77·6	83·3	72·6	76·0	·708		·729	75	

*Register not received.

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																STATION.
											8 hrs. L. M. T.									17 hrs. I. S. T.								
	Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																													Kashmir
9	− 0·2	2·6	1·24	+ 0·15	0·53	6	4	+ 1·1	2·6	+ 0·6	2	0	6	5	9	2	0	1	6	3	2	0	4	1	1	2	11	7	Srinagar
																													Gulmarg
5	− 0·9		1·34	− 0·28	1·02	6	2	− 0·7	1·9	+ 1·0	4	0	0	0	1	1	0	0	25									Muzaffarabad
3	− 0·8		0·84	+ 0·12	0·54	5	2	+ 0·4	4·3	+ 0·9	0	0	0	0	0	0	0	0	31									Dras
1	+ 0·8		0·06	− 0·11	0·05	25	0	− 0·2	3·9	+ 2·2	3	3	6	0	6	1	5	0	7									Leh
3	+ 1·0		0·10	− 0·07	0·10	5	1	+ 0·6	2·3	− 1·2	0	0	0	0	0	0	1	0	30									Skardu
0	0		0·25	− 0·03	0·08	6	0	− 0·7	1·1	+ 0·1	0	1	0	1	0	3	1	0	25									Gilgit
																													N.-W. F. Province
7	− 0·5	1·5	0	− 0·16	0		0	− 0·4	2·0	+ 0·8	0	0	0	1	4	4	0	2	20	1	12	8	3	0	0	1	0	6	Peshawar
6			0		0		0		4·8		1	8	2	3	0	2	1	0	14									Miranshah
0	− 0·5	0	0	− 0·09	0		0	− 0·2	1·1	+ 0·3	2	6	1	1	0	0	1	0	20	1	3	1	1	0	1	0	0	24	Dera Ismail Khan
																													Baluchistan
2	− 0·6	0·8	0·05	− 0·17	0·05	31	0	− 0·4	2·6	+ 1·3	1	0	0	0	1	4	8	2	15	2	2	2	3	3	3	7	2	7	Fort Sandeman
1			0		0		0		2·7		5	4	1	2	1	0	1	2	15									Sibi
2	− 0·4	0·3	0		0		0		4·0		3	4	2	4	6	1	0	1	10	10	1	0	0	1	3	4	12	0	Quetta
5	− 0·2	0·3	0	− 0·11	0		0	− 0·3	5·8	+ 1·2	0	4	4	6	4	4	1	2	6	0	1	0	0	3	14	9	4	0	Chaman
3	− 0·4		0	− 0·12	0		0	− 0·3	4·6	+ 0·3	1	0	0	11	7	0	0	0	12									Kalat
3	− 0·5	0·5	0	− 0·03	0		0	− 0·1	3·9	+ 0·8	1	12	12	2	1	0	0	0	8	0	5	7	4	5	5	4	0	1	Dalbandin
2		0·6	0		0		0		6·2		5	5	6	3	3	1	1	6	1	5	0	2	3	0	4	3	10	4	Nokkundi
5		0·3	0		0		0		2·2		5	0	1	0	2	1	0	10	12	0	0	1	4	13	5	0	2	6	Las Bela
0		0·1	0		0		0		11·2		1	3	5	2	0	7	6	1	6	0	0	1	0	0	14	15	1	0	Ormara
5	− 0·5	0·3	0	0	0		0	0	7·8	+ 2·4	4	1	1	1	0	1	7	8	8	1	0	0	1	1	14	14	0	0	Pasni
1	− 0·4	0·3	0	− 0·01	0		0	− 0·1	5·0	+ 1·1	5	19	4	0	0	1	1	1	0	10	7	0	0	0	3	4	7	0	Panjgur
1		0·3	0		0		0		6·0		0	0	0	0	0	0	10	2	7	0	0	0	0	2	11	5	0	0	Gwador
																													Sind
2	− 0·2	0·2	0	− 0·04	0		0	− 0·1	2·9	+ 1·3	2	3	5	0	3	1	1	4	7	1	2	1	8	1	4	1	7	6	Jacobabad
2			0		0		0		2·9		1	6	3	11	3	1	0	0	6									Sukkur
0		0·2	0	0	0		0	0	1·2		6	4	2	0	0	12	2	5	0	3	7	1	1	1	8	2	3	0	Naushahro
																													*Ohbor
8	+ 0·3	1·0	0	− 0·02	0		0	0	4·6	− 0·7	4	1	0	1	8	11	0	4	3	4	2	0	2	8	9	2	1	3	Hyderabad
7		1·1	0		0		0		8·5		2	0	0	1	0	1	13	3	11	0	0	0	0	3	16	11	1	0	Karachi (Drigh Road)
8	+ 0·2	1·1	0	− 0·01	0		0	0	6·7	+ 0·1	2	3	1	0	0	3	13	8	1	0	0	0	0	0	19	12	0	0	Karachi (Manora)
7		0·6	0		0		0		7·3		5	1	1	0	2	2	19	1	0	3	0	0	0	2	4	13	9	0	Badin
																													Rajputana, West
3		0·9	0·27		0·23	6	1		4·8		3	4	6	4	5	3	1	4	1	10	3	1	0	0	3	5	8	1	Sri Ganganagar
6	− 0·2	0·9	0		0		0		3·4	− 0·2	0	3	1	6	5	6	4	2	4	5	2	0	2	1	6	6	8	1	Bikaner
3	− 1·0	1·9	0	− 0·36	0		0	− 0·4	3·9	+ 1·9	0	5	1	1	4	6	3	1	10	4	6	2	0	0	9	6	2	2	Jodhpur
2		1·7	0·14		0·14	6	1		6·0		2	1	0	3	3	5	3	5	9	3	2	3	1	5	6	5	5	1	Barmer
																													Rajputana, East
2	− 1·1	0·8	0·76	+ 0·44	0·76	7	1	+ 0·4	3·0	− 0·3	5	7	3	3	1	0	0	6	6	5	3	2	3	0	3	7	4	4	Jaipur
3	− 0·9	1·4	0·18	− 0·15	0·10	13	1	+ 0·3	1·8	− 0·3	0	0	0	2	0	4	6	0	19	3	2	0	2	0	2	7	5	10	Ajmer
																													*Kotah
7		3·5	1·53		1·25	13	2		2·4		2	1	6	1	3	3	3	3	9	5	6	3	2	1	3	1	0	10	Brijnagar
																													Gujarat
1	+ 0·7	2·5	0	− 0·41	0		0	− 0·5	5·6	+ 1·0	1	6	3	6	4	4	2	1	4	3	2	1	0	4	8	5	7	1	Deesa
2	+ 0·6	1·5	0	− 0·44	0		0	− 0·4	5·1	+ 0·4	2	1	0	0	0	3	8	4	13	4	2	1	1	2	9	10	2	0	Bhuj
2	+ 1·9	2·3	0·16	− 0·20	0·16	4	1	+ 0·7	8·1	+ 1·4	3	2	0	1	2	4	10	8	1	1	0	0	0	0	3	19	8	0	Dwarka
8	+ 2·7		0·51	+ 0·05	0·38	3	2	+ 1·5	3·5	− 2·6	0	0	0	0	0	8	8	1	14									Jamnagar
1	+ 2·0	4·5	0·35	− 0·30	0·35	3	1	− 0·2	7·3	+ 3·2	4	4	2	0	1	2	12	6	0	4	5	2	2	1	3	3	11	0	Rajkot
3	+ 1·1	3·5	2·33	+ 1·68	1·78	2	2	+ 1·3	5·4	+ 0·6	10	2	1	1	1	0	2	14	0	2	0	0	3	1	1	10	14	0	Veraval
7	+ 1·5	3·5	1·99	+ 0·24	1·07	2	4	+ 1·9	4·5	+ 1·9	3	7	7	2	2	4	2	1	3	3	2	1	2	6	9	4	3	1	Surat
6	+ 1·2	4·3	1·58	+ 0·83	1·10	2	2	+ 1·2	3·7	+ 0·1	2	3	0	1	0	1	11	10	3	2	1	5	14	2	2	2	0	3	Bhavnagar
1	+ 1·5	3·9	0·27	− 0·32	0·21	3	1	+ 0·1	3·1	+ 0·5	2	3	2	0	3	2	6	9	4	2	2	2	3	2	5	6	5	4	Ahmadabad
6			1·73		1·36	6	2				0	0	9	2	3	2	10	1	4										Dohad
4		2·9	2·28		1·10	2	3		2·4		1	3	1	2	2	2	3	1	16	0	1	0	3	1	3	1	1	21	Baroda

a—Mean of 30 days. *b*—Mean of 29 days. *c*—Total for 26 days. *l*—Mean of 19 days. *m*—Mean of 18 days.

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Relative humidity %	
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Central India, West																					
Neemuch ...	1,626	28·192	−·071	28·118	92·0	+ 0·9	97	2	67·0	+2·5	59	31	77·6	89·0	65·7	66·5	·488	+·019	·379	52	0
Indore ...	1,823	28·005	−·058	27·916	86·9	− 1·9	92	1	65·3	+1·7	59	29, 31	74·2	83·3	67·3	67·7	·573	+·027	·490	69	+ 8
Bhopal ...	1,648	28·174		28·084	87·5		93	1	68·2		59	25	74·9	83·9	67·2	69·1	·567		·519	67	
Guna ...	1,571	28·237		28·152	90·9		96	2	64·8		57	4 days	74·9	86·9	66·7	68·9	·553		·466	64	
Central India, East																					
Nowgong ...	750	29·055	−·053	28·960	91·8	+ 1·7	97	1, 2, 3	66·6	+1·4	55	25	76·0	85·9	68·8	72·0	·613	+·046	·595	68	− 1
Sutna ...	1,041	28·741	−·068	28·654	90·4	+ 2·3	94	1, 2, 3	67·2	+1·2	57	31	75·6	83·5	69·5	71·0	·627	+·033	·589	72	+ 3
Umaria ...	1,506	28·299		28·218	86·6		90	1, 2, 3	65·5		55	26	74·8	80·9	68·7	71·2	·627		·629	72	
Berar																					
Akola ...	925	28·892	−·053	28·786	89·9	− 2·5	94	21	67·0	+0·4	57	30, 31	74·7	86·4	69·1	70·7	·634	+·075	·549	74	+14
Amraoti ...	1,213	28·599	−·055		85·5	− 5·6	90	17,20,21	68·8	+0·2	60	30	75·5		67·9		·583	+·037		67	+ 9
Central Provinces, West																					
Khandwa ...	1,044	28·769	−·059	28·670	92·1	0	98	1	67·6	+1·2	58	28	77·2	87·6	69·0	68·9	·600	+·056	·459	64	+ 2
Hoshangabad ...	992	28·827	−·060	28·719	89·2	− 0·6	95	1, 3	67·9	+3·7	60	24,25,29	74·5	85·2	69·0	72·9	·634	+·079	·642	75	+10
Saugor ...	1,808	27·996	−·067	27·916	86·3	− 2·0	92	1, 2	67·8	+1·4	60	24, 26	74·7	81·3	66·5	67·5	·560	+·077	·485	65	+10
Jubbulpore ...	1,289	28·514	−·055	28·422	88·1	+ 0·4	92	1, 2	66·6	+3·3	58	26, 29	73·2	83·6	68·9	72·8	·647	+·049	·662	80	+ 7
Seoni ...	2,027	27·790	−·058	27·711	84·2	− 2·5	89	3	64·9	+0·7	59	26,27,30	73·1	79·2	66·8	67·6	·579	+·046	·540	72	+10
Nagpur ...	1,017	28·781	−·063	28·698	88·4	− 2·2	93	18	68·3	0	61	4 days	74·6	84·4	69·3	71·4	·634	+·049	·582	75	+11
Central Provinces, East																					
Pendra ...	2,040	27·769	−·056	27·691	84·0	+ 1·0	88	20	65·5	+1·7	55	30	72·9	77·2	67·5	69·1	·592	+·049	·607	76	+ 7
Raipur ...	970	28·822	−·059	28·726	87·9	− 0·5	93	22	69·8	+0·1	61	27	76·8	82·8	71·0	73·6	·676	+·015	·716	75	+ 2
Kanker ...	1,318	28·481		28·395	84·9		89	2	66·8		56	27,28,29	72·2	81·5	68·2	71·2	·630		·616	80	
Chanda ...	634	29·184	−·042	29·081	87·6	− 2·5	91	6, 17	68·1	−0·1	57	29	74·1	83·3	70·0	73·8	·678	−·012	·710	81	+ 7
Jagdalpur ...	1,813	27·989	−·059	27·904	83·9	− 1·3	88	17, 19	66·7	0	57	30	72·9	78·0	68·5	69·2	·651	−·027	·595	79	− 3
Konkan																					
Bombay ...	37	29·811	−·022	29·722	84·9	− 3·8	93	30, 31	74·2	−1·2	71	23,25,26	78·0	81·0	74·2	75·6	·784	−·058	·821	83	+ 1
Alibag ...	23	29·834			84·1		92	29	73·0		69	25, 27	78·3		73·9		·777			81	
Ratnagiri ...	207	29·653	−·001	29·565	84·6	− 3·5	95	29	73·4	−0·9	69	28	79·3	79·1	73·3	74·4	·729	−·061	·777	76	− 1
Marmagao ...	202	29·659	0	29·564	84·4		93	24,27,30	72·9		69	26	77·6	80·9	73·9	75·7	·791		·828	84	
Karwar ...	44	29·836	+·015	29·741	84·9	− 0·6	95	26	71·7	−2·0	67	26, 28	75·3	81·6	73·4	77·5	·783	−·039	·372	91	+ 2
Bombay Deccan																					
Jalgaon ...	660	29·153			91·6		96	1, 21	68·0		56	30	74·7		69·0		·632			74	
Malegaon ...	1,490	28·396	−·053	28·276	89·0	− 2·8	93	19	64·8	−1·3	54	31	74·9	84·3	67·2	68·7	·557	+·003	·496	65	+ 5
Ahmadnagar ...	2,154	27·697	−·044	27·599	85·4	− 3·6	89	4 days	63·5	−2·0	56	31	73·1	82·3	65·7	66·7	·544	−·003	·467	67	+ 6
Poona ...	1,834	28·012	−·036	27·914	85·5	− 3·9	91	5 days	64·8	−1·7	54	28	72·5	81·7	67·4	69·6	·598	−·010	·582	76	+ 3
Sholapur ...	1,570	28·276	−·018	28·162	88·5	− 0·7	93	16	67·4	−1·3	62	28	75·1	85·0	66·4	67·5	·532	−·038	·442	63	+ 2
Miraj ...	1,824	28·030		27·926	84·0		90	16, 17	66·3		60	24, 25	73·7	82·7	67·2	68·2	·579		·502	72	
Inchalkaranji ...	1,795	28·059			86·8		93	20	65·2		59	23,26,28	73·3		67·5		·586			74	
Bijapur ...	1,950	27·896	−·025	27·791	86·4	− 2·4	92	16	66·9	−1·6	61	27, 28	74·8	83·8	66·3	67·7	·532	−·094	·483	64	− 6
Belgaum ...	2,562	27·324	0	27·239	81·4	− 1·9	87	16	64·2	−1·1	60	13,24,25	70·5	76·8	66·3	67·8	·588	−·036	·571	81	+ 2
Gadag ...	2,131	27·742		27·635	83·3		91	17	67·5		64	24	74·2	81·9	67·3	68·1	·573		·510	70	
Hyderabad, North																					
Aurangabad ...	1,905	27·952	−·042	27·850	86·8	− 3·5	91	17	65·6	−1·2	57	31	75·8	83·2	66·4	67·5	·511	−·017	·453	61	+ 6
Nizamabad ...	1,250	28·562	−·044	28·466	87·3	− 2·2	91	4 days	68·0	−0·2	60	27, 30	75·1	83·2	68·7	70·2	·620	−·047	·557	71	0
Hyderabad, South																					
Gulbarga ...	1,503	28·327	−·033	28·219	88·5	− 2·5	93	15,16,18	67·3	−1·9	61	27	75·6	85·0	66·8	67·8	·540	−·081	·455	63	− 4
Raichur ...	1,311	28·526	−·016	28·433	88·5	− 1·7	93	16	70·8	−1·5	65	27	77·1	87·0	68·8	69·5	·593	−·070	·472	66	− 2
Hyderabad(Begumpet)	1,778	28·048	−·025	27·959	86·4	− 2·2	90	14,15,16	66·5	−1·2	59	27	75·5	82·1	68·4	69·3	·596	−·060	·544	69	− 5
Hanamkonda ...	877	28·921	−·053	28·830	87·9	− 2·1	92	15	70·8	+0·4	64	24, 27	77·4	83·8	71·1	71·6	·670	−·046	·622	72	− 2
Mysore																					
Chitaldrug ...	2,405	27·461	−·008	27·369	82·9	− 2·0	87	14,16,21	66·5	−1·4	63	24,27,31	71·7	81·0	65·9	67·7	·558	−·076	·502	73	− 3
Balehonnur ...	2,917	26·981			77·6		83	17	63·1		59	16, 25	66·6		64·6		·583			90	
Hassan ...	3,149	26·779	+·011		82·5	+ 0·8	88	17	63·6	−0·7	60	11	69·7		64·9		·570	−·055		79	− 3
Bangalore ...	3,021	26·887	+·003	26·794	80·3	− 1·2	84	5 days	64·5	−0·2	62	11, 12	69·3	77·2	64·9	66·0	·564	−·060	·510	80	− 3
Mysore ...	2,518	27·369	−·006	27·284	82·5	− 1·8	87	17, 19	65·2	−1·6	61	12	71·1	80·1	66·5	67·7	·600	−·051	·516	78	− 4

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																	STATION.
											8 hrs. L. M. T.									17 hrs. I. S. T.									
8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																													Central India, West
·4	− 0·1	3·8	1·91	+ 1·37	1·90	13	1	+ 0·1	4·3	+ 0·2	0	15	0	0	0	8	2	1	5	3	10	2	0	0	2	4	5	5	Neemuch
·6	+ 1·8	4·7	6·85	+ 5·70	3·09	13	6	+ 4·0	2·9	+ 1·3	3	1	2	2	1	3	7	5	7	4	2	1	3	2	0	3	2	14	Indore
·1		4·2	5·05		2·34	12	7		3·3		1	2	2	2	0	5	8	6	5	1	3	2	2	2	2	6	8	5	Bhopal
·9		3·3	1·50		0·57	14	3		2·2		2	3	0	1	2	5	6	3	9	3	4	0	0	0	2	9	5	8	Guna
																													Central India, East
·2	+ 1·1	3·5	1·70	+ 0·66	0·91	12	3	+ 1·5	1·9	+ 0·8	1	1	3	1	5	9	1	3	7	3	7	2	0	0	0	1	1	17	Nowgong
·1	+ 0·9	3·0	1·64	− 0·46	0·60	4	4	+ 1·8	2·8	+ 0·6	1	1	7	2	2	6	6	1	5	4	2	3	1	1	1	5	6	8	Sutna
·5		3·8	2·72		0·94	11	5	~~2·4~~	2·4		1	1	1	3	3	3	2	1	16	1	2	4	0	2	1	2	2	17	Umaria
																													Berar
·8	− 0·3	2·9	2·23	+ 0·36	0·82	3	6	+ 3·5	4·1	+ 1·4	0	0	2	2	1	1	3	10	12	2	2	3	0	0	0	0	3	21	Akola
·6	+ 0·7		3·94	+ 2·02	1·99	12	3	+ 0·4	4·9	+ 2·1	2	9	1	2	3	8	5	1	0										Amraoti
																													Central Provinces, West
·3	+ 1·1	3·8	1·30	+ 0·07	0·54	4	4	+ 2·0	4·7		0	2	1	7	6	1	11	3	0	3	3	7	0	2	1	2	3	0	Khandwa
·8	+ 1·6	4·9	4·49	+ 3·17	2·55	12	4	+ 1·9	2·1	+ 0·9	0	2	5	1	2	8	3	0	10	1	4	5	1	0	2	4	0	14	Hoshangabad
·3	+ 1·3	3·5	7·23	+ 6·21	3·04	14	7	+ 5·2	6·5	+ 3·8	1	4	3	2	2	10	6	3	0	2	2	0	2	1	11	8	5	0	Saugor
·9	+ 1·9	4·4	4·83	+ 3·02	2·57	8	5	+ 2·8	1·3[a]	− 0·1	0	0	2	3	5	1	3	0	17	1	2	1	0	1	1	1	0	24	Jubbulpore
·2	+ 1·8	4·8	6·44	+ 4·55	1·59	7	8	+ 5·1	3·9	+ 1·8	0	3	2	3	1	1	1	7	13	1	10	7	4	3	3	1	0	2	Seoni
·2	+ 1·4	3·9	4·87	+ 2·77	2·42	12	6	+ 3·0	2·4	− 0·3	3	1	3	1	1	1	8	1	12	0	2	10	1	0	1	3	1	13	Nagpur
																													Central Provinces, East
·5	+ 1·8	5·0	4·40	+ 1·54	1·55	6	8	+ 4·5	3·3	+ 1·0	4	3	2	3	4	4	3	5	3	4	3	2	2	4	4	1	5	6	Pendra
·5	+ 0·5	3·5	1·68	− 0·43	0·92	11	4	+ 0·7	3·6	+ 1·0	6	5	1	3	3	5	2	1	5	4	4	7	1	1	3	1	1	9	Raipur
·2		4·3	9·87		4·44	11	8		3·2		0	1	2	1	2	2	1	2	20	1	3	0	7	0	8	4	7	1	Kanker
·8	+ 0·8	3·4	9·50	+ 7·77	3·42	2	10	+ 7·3	2·7	+ 1·1	2	0	0	0	5	2	11	1	10	2	1	0	0	1	2	1	3	21	Chanda
·4	+ 0·6	4·4	12·28	+ 8·09	5·39	11	7	+ 1·4	3·0		1	0	0	1	1	2	3	1	22	3	10	0	2	0	2	3	0	11	Jagdalpur
																													Konkan
·6	+ 0·7	4·0	15·17	+13·01	3·82	7	7	+ 4·2	7·4	− 0·8	4	7	6	5	2	3	0	4	0	9	0	0	1	2	1	5	13	0	Bombay
·9			17·43		4·56	1	7		8·0		4	11	1	4	5	1	1	1	3										Alibag
5·5	− 0·3	3·1	17·27	+13·55	3·70	1	7	+ 2·0	6·7	+ 1·6	5	6	1	4	3	4	2	6	0	3	0	0	0	1	6	3	18	0	Ratnagiri
5·9	+ 0·8	4·7	6·33		1·80	4	8		7·2		1	5	9	2	3	4	4	2	1	0	0	0	0	1	4	15	11	0	Marmagao
3·5	− 0·8	3·2	7·78	+ 2·15	3·18	1	7	− 0·1	2·4	+ 0·5	4	3	0	1	2	5	0	1	15	2	3	0	3	1	11	0	6	5	Karwar
																													Bombay Deccan
3·3			2·77		1·48	5	3				0	0	19	0	0	0	3	0	9										Jalgaon
3·0	+ 0·3	4·4	2·39	+ 0·48	0·72	4	7	+ 4·3	4·1	0	1	1	2	1	1	1	8	2	9	3	7	6	0	0	2	4	2	3	Malegaon
1·0	+ 1·4	5·1	5·27	+ 3·24	1·51	1	5	+ 1·7	5·0	− 0·2	9	1	2	3	7	0	9	0	0	3	0	11	0	2	1	8	1	0	Ahmadnagar
3·9	+ 0·3	4·3	8·32	+ 4·48	4·39	1	7	+ 1·8	3·0		0	1	2	1	1	7	5	0	14	0	1	1	3	0	3	13	2	8	Poona
3·2	− 1·1	3·6	1·85	− 1·38	1·05	8	3	− 1·3	6·6	+ 0·5	4	2	4	2	1	4	5	5	4	8	3	4	3	0	6	3	4	0	Sholapur
3·8		4·6	1·72		0·67	8	3		7·1		2	1	7	1	1	3	10	5	1	4	4	5	0	0	4	9	3	2	Miraj
5·0			2·29		1·47	1	4		6·4		2	3	3	2	0	4	8	3	2										Inchalkaranji
5·0	+ 1·5	6·3	1·56	− 1·51	0·65	1	3	− 1·6	4·8	+ 1·6	2	3	5	2	0	5	8	6	0	5	5	6	1	0	1	5	8	0	Bijapur
3·0	− 1·8	3·5	4·17	− 0·50	2·15	1	10	+ 2·4	5·2	− 1·2	1	6	5	0	0	5	14	0	0	0	6	5	0	0	3	17	0	0	Belgaum
5·0		5·9	1·38		0·54	1	3		7·9		0	7	4	0	1	6	9	4	0	1	9	2	0	3	7	7	2	0	Gadag
																													Hyderabad, North
3·4	+ 0·1	4·2	3·20	+ 1·64	1·17	2	5	+ 2·5	6·3	+ 1·6	3	4	8	2	1	0	6	2	5	3	6	7	0	0	1	1	7	1	Aurangabad
3·8	+ 0·6	4·2	4·18	+ 2·50	2·50	3	6	+ 3·4	3·6	+ 0·9	0	1	0	0	2	7	3	3	15	4	12	0	0	1	4	2	1	7	Nizamabad
																													Hyderabad, South
3·2	+ 0·1	5·1	1·20	− 1·81	0·54	1	3	− 0·9	8·3	+ 2·9	1	7	5	0	0	6	9	2	1	3	9	6	0	0	5	5	3	0	Gulbarga
3·9	+ 0·4	5·3	0·85	− 2·59	0·43	17	3	− 1·1	8·3	+ 2·7	2	5	3	1	4	8	5	3	0	4	9	3	2	3	5	3	2	0	Raichur
4·4	+ 0·4	5·1	1·04	− 1·76	0·65	9	2	− 2·5	3·9	0	1	5	1	3	0	2	11	4	4	5	6	4	1	0	2	8	3	2	Hyderabad(Begumpet)
4·2	+ 0·3	4·8	1·64	− 0·38	0·54	9	4	+ 0·4	4·3	+ 1·2	7	5	0	2	2	0	2	7	6	6	10	1	2	2	1	3	4	2	Hanamkonda
																													Mysore
5·9	− 0·5	5·7	0·62	− 3·71	0·25	9	3	− 3·6	6·0	+ 2·3	0	2	7	1	0	4	15	2	0	3	4	5	1	0	2	9	6	1	Chitaldrug
7·6			2·32		0·48	5	7		3·6		0	0	1	7	1	4	4	2	12										Balehonnur
5·0	− 1·2		0·98	− 5·69	0·35	5	3	− 6·4	5·7	+ 2·9	0	1	6	4	0	8	4	8	0										Hassan
6·8	+ 0·6	7·8	1·15	− 4·75	0·58	29	4	− 4·9	7·7	+ 3·9	1	5	4	0	1	5	13	1	1	2	4	5	0	1	6	8	5	0	Bangalore
6·1	− 0·8	6·4	1·47	− 4·99	0·58	29	4	− 4·9	6·9	+ 1·9	1	4	3	1	1	11	4	0	5	5	6	2	0	0	6	5	0	7	Mysore

a—Mean of 30 days.

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Relative humidity %		
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Malabar																						
Mangalore ...	72	29·801	+·006	29·709	84·9	− 1·2	91	28	74·8	+ 0·3	72	4 days	78·4	82·1	75·0	76·7	·819	−·019	·851	85	+ 2	77
Calicut ...	27	29·861	+·025	29·764	86·8	+ 1·1	90	26, 27	73·9	− 0·9	71	5 days	77·9	83·6	74·3	77·0	·791	−·059	·838	84	− 4	73
Cochin ...	10	29·881	+·021	29·782	88·4	− 3·1	88	27	75·3	+ 0·5	73	12, 13	79·6	81·5	75·3	76·2	·806	−·034	·821	81	− 2	77
Trivandrum ...	200	29·671	+·006	29·572	84·2	+ 1·2	88	25	75·1	+ 0·2	73	4, 12	79·1	81·3	75·9	76·2	·855	+·013	·828	86	+ 1	79
Madras, Southeast																						
Pamban ...	37	29·808	+·002	29·699	86·1	− 1·8	88	4 days	78·1	+ 0·6	72	31	80·9	81·8	76·1	76·9	·828	−·047	·858	79	− 3	79
Madura ...	463	29·381	−·003	29·255	93·8	+ 2·7	98	10	76·5	+ 2·3	72	30	81·6	88·8	72·6	72·8	·689	−·097	·594	63	−13	46
Negapatam ...	31	29·819	+·008	29·706	91·1	+ 2·3	95	3, 4, 12	77·1	+ 0·9	71	27	81·3	85·5	74·6	77·1	·779	−·080	·811	73	− 8	68
Trichinopoly ...	255	29·588	−·006	29·458	93·3	+ 2·1	98	17	76·0	+ 1·6	72	12, 31	80·3	89·3	73·1	74·1	·716	−·068	·635	70	− 9	48
Coimbatore ...	1,341	28·509	−·005	28·397	88·0	0	92	22, 23	70·8	+ 0·2	64	12	77·2	83·1	70·3	71·4	·638	−·122	·602	70	−14	55
Salem ...	913	28·933	0	28·800	91·8	+ 2·0	96	17, 20	73·6	+ 2·0	70	11, 12	77·6	88·0	71·2	72·4	·670	−·102	·575	72	− 9	46
Cuddalore ...	39	29·795	−·008	29·685	91·2	+ 2·6	97	12, 18	76·2	+ 1·3	72	18	81·4	85·3	74·7	76·5	·779	−·094	·804	72	−12	67
Vellore ...	703	29·121	−·019	29·008	89·9	+ 0·6	96	16	73·4	+ 0·6	68	22	77·7	86·5	71·6	73·3	·703	−·084	·628	73	− 9	52
Madras ...	22	29·803	−·016	29·701	91·8	+ 2·2	97	17	76·4	+ 1·8	71	22	82·2	85·7	74·4	76·1	·730	−·127	·767	68	−15	64
Madras, Deccan																						
Cuddapah ...	423	29·417	−·001	29·296	90·9	− 1·5	95	16	73·9	− 0·4	69	31	80·9	87·8	73·1	74·0	·702	−·064	·619	68	− 5	51
Bellary ...	1,473	28·364	−·016	28·254	87·9	− 2·5	92	15,17,18	71·3	+ 0·1	64	31	77·4	84·9	70·0	71·6	·632	−·005	·604	68	0	51
Kurnool ...	923	28·903	−·020	28·787	88·8	− 2·1	93	16,17,18	69·9	− 1·5	61	31	76·8	86·8	69·8	70·9	·638	−·065	·542	69	− 5	44
Rentichintala ...	349	29·468		29·354	92·0		97	18	72·8		65	26, 31	79·4	88·3	71·3	71·8	·650		·561	66		42
Madras Coast, North																						
Nellore ...	66	29·754	−·017	29·649	91·9	+ 0·7	98	16	76·5	+ 0·8	72	28	82·3	86·5	74·9	76·5	·766	−·094	·790	70	−11	64
Masulipatam ...	10	29·796	−·041	29·695	88·5	− 0·5	93	17	76·8	+ 0·9	71	31	80·9	85·3	75·4	76·5	·792	−·089	·804	76	− 7	66
Cocanada ...	26	29·772	−·045	29·678	87·9	− 0·2	94	17, 18	75·6	− 0·5	70	30, 31	81·0	84·6	75·3	75·9	·792	−·043	·761	75	− 4	66
Vizagapatam ...	126	29·651	−·062	29·567	87·7	− 0·3	92	22, 25	75·9	− 0·5	71	31	81·1	83·6	74·7	76·3	·779	−·014	·794	74	0	71
Calingapatam ...	19	29·756	−·073	29·675	87·8	− 0·4	92	19, 20	75·5	0	69	29,30,31	79·0	83·3	75·2	77·6	·814	−·043	·879	83	− 2	70
Hill Stations, excluding Kashmir and Baluchistan																						
Maymyo ...	3,546	26·389	−·027	26·317	76·9	+ 0·2	85	4, 6	62·9	+ 2·4	55	29,30,31	68·9	70·7	67·0	68·2	·637	+·004	·654	91	0	88
Haka ...	6,100	24·085		24·028	66·6		75	15	54·9		45	30	59·5	61·5	55·8	59·2	·412		·478	92		90
Kanpetlet ...	6,322	23·902		23·844	66·8		71	4 days	55·7		49	30	61·9	60·4	59·2	59·0	·473		·483	87		93
Shillong ...	4,921	25·118	−·024	25·040	72 6	+ 1·2	81	3	55·8	+ 1·0	44	28	65·1	65·4	60·3	62·9	·459	−·003	·546	76	− 2	87
Cherrapunji ...	4,309	25·649	−·044	25·580	72·6	+ 0·7	85	4	61·2	+ 0·9	52	28	67·5	67·1	61·8	63·6	·491	−·027	·554	75	− 6	83
Aijal ...	3,599	26·290		26·234	76·0		82	4, 6, 9	63·6		54	29	68·6	68·7	64·8	66·4	·570		·609	82		89
Darjiling ...	7,432	22·940	−·045		63·7	+ 2·3	74	3	51·8	+ 1·8	41	28, 29	57·4		53·3		·360	−·023		79	− 7	
Kalimpong ...	3,913	26·037	−·035	25·947	73·6	+ 2·0	89	3, 10	60·5	+ 0·2	52	29	65·3	67·5	60·8	63·6	·434	−·031	·549	78	− 6	81
Katmandu ...	4,388	25·621		25·540	84·7	+ 3·9	92	4	56·5	+ 0·9	43	25,29,30	61·2	73·5	59·0	66·1	·476		·551	89		67
Muktesar ...	7,592	22·850	−·022	22·797	65·7	− 0·4	75	2	49·7	+ 0·1	40	24, 27	56·6	59·1	48·1	51·6	·246	−·011	·309	53	− 4	60
Mussooree ...	6,940	23·382	+·018	23·349	67·8	+ 2·9	75	1, 9, 11	52·2	+ 0·8	41	25	56·7	61·0	49·4	53·5	·263	−·016	·324	60	0	61
Simla ...	7,224	23·125	−·019	23·068	66·5	+ 2·1	75	1	52·5	+ 1·1	40	23	59·5	59·8	47·2	48·8	·192	−·020	·232	40	− 3	45
Murree ...	7,082	23·237	−·001	23·210	68·7	+ 3·2	78	1, 3	48·7	− 0·7	38	31	57·8	61·7	44·9	48·7	·164	−·046	·212	36	− 8	39
Cherat ...	4,272	25·705	−·025		78·5	+ 1·3	90	1, 2	58·5	+ 0·5	47	25	64·1		51·9		·250	+·001		43	+ 2	
Parachinar ...	5,673	24·492	+·019	24·435	75·3	+ 0·8	88	3	49·7	+ 0·9	40	24	60·9	70·6	49·4	55·0	·227	+·011	·270	43	+ 2	34
Drosh ...	4,723	25·366			77·8	+ 0·8	95	1	53·7	+ 0·6	43	23	55·6		46·5		·219	−·017		51	− 1	
Mount Abu ...	8,945	26·018	−·040	25·956	80·1	+ 1·1	87	2, 3	65·2	+ 0·6	57	25	73·9	77·1	60·1	61·7	·355	+·011	·375	43	− 1	40
Pachmarhi ...	3,528	26·394	−·046	26·342	78·5	− 0·5	83	1	60·2	+ 0·7	52	4 days	72·0	73·2	62·9	64·9	·470	+·017	·518	61	+ 1	66
Mahabaleshwar ...	4,534	25·481		25·423	72·8		79	4 days	58·9		56	12, 13	66·0	68·5	59·6	63·4	·442		·517	71		77
Mercara ...	3,781	26·167	+·002	26·091	72·4	− 3·1	77	28	60·8	− 1·3	56	13	65·6	70·3	62·2	65·7	·514	−·060	·586	84	− 5	81
Ootacamund ...	7,364	23·051	+·011	22·993	63·3	− 1·3	67	6 days	49·1	− 0·4	42	13, 17	56·0	57·8	52·2	54·4	·346	−·031	·380	79	0	82
Coonoor ...	5,730	24·431			70·9		76	10	55·3		49	12	63·9		57·2		·390			68		
Kodaikanal ...	7,638	22·788	+·016	22·730	61·7	− 0·1	66	16, 17	51·4	+ 0·8	49	12	55·4	56·5	52·2	54·0	·358	−·010	·391	83	+ 2	86
Ceylon																						
Colombo ...	24	29·873	+·024	29·767	85·3	− 0·6	89	28	74·1	− 1·1	69	24	78·6	82·8	75·3	76·2	·822	−·034	·807	85	− 1	73
Trincomalee ...	24	29·834	+·017	29·724	90·0	+ 0·6	96	12, 13	76·4	+ 1·0	73	23, 30	80·4	85·2	74·3	76·0	·756	−·089	·771	76	−10	66
Hambantota ...	61	29·780	−·019	29·682	86·6	+ 0·2	92	9	75·8	+ 0·1	72	23, 24	79·3	82·1	75·2	75·9	·811	−·005	·812	81	− 9	74
Nuwara Eliya ...	6,170	24·075		24·000	67·1		73	13, 14	49·8		40	24	58·7	62·5	56·1	58·6	·421		·458	87		81
Arabia																						
*Aden ...	98	29·709	−·087		91·9	+ 2·2	99	2	79·1	+ 1·1	72	28	80·9		75·7		·825	+·041		78	− 1	

* Records observations at 7 hrs. (L. M. T.).

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0·10 or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																	STATION.
											8 hrs. L. M. T.									17 hrs. I. S. T.									
8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																													Malabar
4·4	+0·8	5·9	2·94	− 4·59	0·90	4	6	− 4·2	4·5	+ 2·0	2	7	14	2	1	1	1	2	1	0	1	0	0	2	4	11	13	0	Mangalore
4·4	+0·4	6·1	8·64	− 1·58	3·53	7	8	− 3·3	5·4	+ 0·9	2	12	11	2	1	0	0	2	1	0	0	0	0	0	4	13	14	0	Calicut
4·7	+1·1	6·9	5·43	− 7·79	1·84	4	7	− 7·2	6·0	+ 2·3	1	15	6	1	0	1	3	2	2	0	1	0	0	0	4	12	12	2	Cochin
4·9	0	7·4	3·62	− 6·96	0·90	9	11	− 1·2	3·7	+ 0·3	8	0	0	0	0	0	1	7	15	0	1	0	0	1	2	8	15	4	Trivandrum
																													Madras, Southeast
5·8	+0·6	5·1	3·54	− 5·50	1·49	30	5	− 4·4	9·5	+ 2·8	2	4	1	0	8	11	3	0	2	1	3	2	2	11	12	0	0	0	Pamban
5·6	+0·9	8·0	1·90	− 5·92	0·88	29	3	− 7·2	5·7	+ 3·2	4	5	5	1	0	1	7	8	0	1	5	9	2	1	4	6	3	0	Madura
5·1	0	5·6	10·88	+ 0·40	3·94	31	7	− 3·1	6·8	+ 2·9	0	2	1	0	0	10	14	3	1	0	6	1	8	3	10	3	0	0	Negapatam
5·6	+1·2	7·4	3·23	− 3·67	1·39	31	5	− 4·4	5·6	+ 3·1	2	5	0	0	3	1	13	6	1	2	10	7	0	0	2	8	2	0	Trichinopoly
5·8	+0·5	6·7	2·49	− 3·92	1·13	25	3	− 6·7	6·0	+ 3·6	1	3	1	1	5	6	2	0	12	0	4	2	0	7	11	4	1	2	Coimbatore
5·4	−0·2	7·3	0·67	− 6·07	0·34	5	3	− 6·9	4·7	+ 2·6	0	4	4	0	4	9	6	0	4	0	5	7	1	0	7	7	4	0	Salem
6·2	+0·9	6·7	9·48	− 1·52	4·57	31	7	− 3·6	5·7	+ 3·4	2	1	0	1	4	13	6	4	0	3	3	3	12	1	4	3	0	2	Cuddalore
6·0	+1·8	6·5	2·01	− 4·33	0·90	30	5	− 3·2	3·9	+ 2·4	2	0	0	1	1	6	6	3	12	1	3	4	2	1	6	6	1	7	Vellore
5·7	+0·5	6·8	7·90	− 3·82	2·71	30	7	− 3·5	10·8	+ 3·2	2	3	1	0	0	6	17	2	0	3	4	8	5	5	0	5	1	0	Madras
																													Madras, Deccan
6·0	+1·3	6·3	0·69	− 4·35	0·39	17	2	− 4·5	3·3		4	0	0	1	0	0	12	7	7	5	4	1	2	0	0	7	6	6	Cuddapah
6·2	+0·1	6·3	0·19	− 3·71	0·10	29	1	− 5·1	4·8	+ 1·7	2	1	2	2	0	2	7	7	8	3	3	4	2	0	1	9	8	1	Bellary
5·6	+1·4	6·1	0·83	− 2·64	0·77	9	1	− 3·9	6·8	+ 3·8	0	3	3	0	0	5	10	8	2	4	7	4	2	0	3	6	4	1	Kurnool
6·5		6·5	1·38		0·69	28	4		5·2		5	0	1	0	0	5	12	4	4	4	5	5	1	0	3	8	5	0	Rentichintala
																													Madras Coast, North
5·2	−1·1	6·2	5·74	− 2·62	3·38	29	2	− 6·0	3·4	+ 0·5	1	1	1	2	1	2	11	9	3	0	4	12	2	0	0	10	1	2	Nellore
5·0	+4·2	9·0	4·61	− 3·49	4·40	28	1	− 7·3	5·4	+ 1·8	0	6	0	0	0	7	0	18	0	0	7	0	6	0	9	0	9	0	Masulipatam
6·1	+0·7	5·4	5·85	− 2·00	3·55	6	5	− 3·2	6·1	+ 1·2	3	6	0	1	0	3	6	2	10	0	6	2	5	3	8	5	0	2	Cocanada
6·0	−0·1	7·2	6·68	− 0·39	1·91	2	10	+ 3·7	3·7	+ 1·0	4	2	0	0	0	2	9	5	9	0	9	4	1	3	5	3	2	4	Vizagapatam
5·7	+2·0	6·2	7·02	− 0·93	2·02	10	10	+ 2·8	5·1	+ 0·7	8	0	0	0	0	5	7	11	0	0	6	8	4	6	6	0	1	0	Calingapatam
																													Hill Stations, excluding Kashmir and Baluchistan
5·9	+0·6	5·6	12·60	+ 4·98	3·85	24	13	+ 1·4	2·1	+ 1·0	0	1	1	1	2	1	0	0	25	0	1	3	1	2	1	1	2	20	Maymyo
5·7		7·4	11·50		2·47	20	16		4·5		2	3	2	1	1	7	3	1	11	1	2	7	1	2	5	1	1	11	Haka
7·0		8·7	19·11		2·80	21	20		4·3		2	3	8	0	9	3	3	0	3	2	5	1	0	1	3	9	1	9	Kanpetlet
4·8	+0·8	8·1	2·22	− 4·58	1·00	11	4	− 6·0	1·6	+ 0·6	0	1	5	0	0	2	0	1	22	0	0	0	0	0	2	0	0	29	Shillong
4·8	+0·1	5·6	8·60	−12·66	1·90	18	13	+ 3·9	4·0	+ 1·5	1	13	4	2	0	6	3	1	1	1	3	1	5	1	14	3	1	2	Cherrapunji
4·0		4·3	5·41		1·44	22	8		4·6		1	2	15	0	2	7	0	3	1	1	0	2	1	1	8	7	10	1	Aijal
3·8	−1·7		1·35	− 3·54	0·59	11	3	− 1·6	4·3	+ 1·8	0	8	10	2	0	0	2	0	9										Darjiling
2·6	−0·7	3·3	1·06	− 1·49	0·48	11	3	− 0·4	7·5		1	0	1	0	0	0	2	26	1	0	0	0	26	4	0	0	1	0	Kalimpong
4·1		3·3	0·65	− 1·98	0·55	11	2	− 1·1	1·0		1	2	1	3	1	1	0	0	22	3	0	1	1	0	0	0	3	23	Katmandu
1·6	−0·7	3·2	0·65	− 0·72	0·29	13	3	+ 1·2	6·3	+ 2·3	1	5	0	1	0	1	11	7	5	1	0	1	0	0	8	19	0	2	Muktesar
1·9	+0·8	1·6	0·47		0·41	6	1		4·5		4	3	4	5	4	2	1	2	6	1	0	2	3	7	4	0	2	12	Mussooree
1·0	0	0·9	0·91	− 0·17	0·52	23	2	+ 0·4	2·7	− 0·4	3	4	1	5	8	4	0	1	5	2	3	0	2	8	6	1	4	5	Simla
1·2	−0·2	1·7	1·59	+ 0·09	0·96	6	4	+ 1·6	5·6		0	4	5	7	2	0	7	5	1	1	1	4	3	2	6	11	3	0	Murree
0·5	−0·6		0·31	− 0·12	0·18	31	2	+ 0·6	6·0	+ 0·1	9	3	1	1	2	1	3	4	7										Cherat
0·7	−0·3	3·0	0·44	− 0·43	0·42	7	1	− 1·2	4·4	+ 2·2	20	5	2	0	1	0	1	2	0	0	0	9	14	3	5	0	0	0	Parachinar
1·0	−0·9		1·09	− 0·13	0·40	4	3	+ 0·4	4·3	+ 2·6	0	0	1	6	0	0	0	0	24										Drosh
1·2	−0·1	2·3	0·16	− 0·32	0·16	7	1	− 0·1	3·9	+ 0·3	2	7	1	2	1	6	2	6	4	2	4	1	0	1	9	7	7	0	Mount Abu
4·8	+2·5	5·6	6·67	+ 4·50	3·65	12	7	+ 3·9	3·7	+ 1·3	5	4	2	2	2	2	5	8	1	4	4	1	2	1	2	7	7	3	Pachmarhi
4·2		5·1	37·63	+31·63	7·54	1	9	+ 1·0	8·3		0	14	3	0	0	5	3	5	1	4	3	3	0	0	5	4	12	0	Mahabaleshwar
5·1	−1·5	5·8	7·93	− 0·79	2·86	7	9	− 4·4	7·5	+ 4·5	0	3	4	0	0	0	6	5	13	0	2	3	0	0	1	7	5	13	Mercara
6·0	−0·3	7·6	1·97	− 6·20	0·46	26, 29	7	− 6·9	5·1	+ 2·4	0	5	2	0	2	3	6	2	11	1	9	2	0	2	2	6	2	7	Ootacamund
6·6			9·86		5·51	29	9		4·2		1	2	2	12	6	1	1	6	0										Coonoor
6·1	+0·6	8·2	5·90	− 3·78	1·51	29	8	− 7·1	6·9	− 0·9	4	7	0	5	2	0	4	7	2	6	5	1	4	1	0	2	10	2	Kodaikanal
																													Ceylon
6·5	−0·4	6·4	4·72	− 9·43	2·73	30	8	− 8·0			0	2	4	6	0	7	4	0	8	0	1	0	1	0	14	12	3	0	Colombo
5·1	+0·6	6·6	12·83	+ 5·24	4·81	30	8	− 2·7			1	0	1	0	1	15	13	0	0	5	1	9	2	0	6	6	2	0	Trincomalee
4·3	−0·5	4·9	0·96	− 3·28	0·30	28	4	− 3·8			2	3	1	0	0	2	18	3	2	0	1	1	2	0	16	9	2	0	Hambantota
7·9		8·9	2·53	− 8·40	0·75	1	8																						Nuwara Eliya
																													Arabia
2·5	0		0	− 0·12	0		0	− 0·2			9	4	9	2	1	0	4	0	3										*Aden

*—Mean of ·b days.

STATION.	Height of bar cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Relative humidity %		
		Mean 4 hrs. G. M. T.	Departure from normal.	Mean 12 hrs. G. M. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 4 hrs. G. M. T.	Mean 12 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Mean 12 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Departure from normal.	Mean 12 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Departure from normal.	Mean
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Iran																						
Charbar ...	25	29·810		29·752									79·6	85·6	75·0	80·7	·806		·988	81		80
Jask ...	13	29·839		29·762	89·9	− 0·9	96	5	75·6	+10·2	70	25, 31	81·8	87·4	73·1	78·5	·696		·867	66		65
Bandar Abbas ...	29	29·840		29·740	94·6		101	5	74·6[a]		68	25, 26	85·3	90·3	79·9	84·5	·947		1·120	79		78
Bushire ...	14	29·828		29·774	85·3	− 2·3	93	12	69·1	− 2·2	62	23	73·4	84·0	67·6	76·8	·603		·831	73		71
Ispahan ...	5,817	24·54*		24·50*	76·2	− 1·1	87	1	43·9	− 2·7	36	30	51·9	74·6	44·5	59·4	·221		·342	54		39
Meshed ...	3,104	26·73*		26·66*	76·4	+ 4·8	90	12	37·9	− 4·0	32	4 days	51·4	69·7	42·7	52·7	·180		·206	47		29
Seistan ...		28·334		28·275	66·8	+ 2·7	101	1	55·7	+ 1·6	45	28, 31	65·9	84·7	52·3	61·9	·221		·269	37		22
Arabia																						
Bahrain ...	8	29·871		29·830	88·5	0	97	24	74·5	− 1·5	68	17	73·5	85·8	73·3	76·4	·729		·767	73		68
Muscat ...	15	29·824		29·767	89·6	− 0·8	97	5	80·0	− 0·4	75	4 days	84·1	85·6	75·7	77·9	·781		·855	67		70
Sharjah ...	18	29·846		29·781	90·4[a]		94	1	70·9		66	19,20,30	77·0	89·1	71·8	76·2	·716		·720	76		58

*Aneroid. a—Mean of 30 days.

TABLE IV—ABSTRACT OF OBSERVATIONS RECORDED AT 8 HRS. (L. M. T.) AT 4TH CLASS STATIONS—OCTOBER 1938

STATION.	Maximum temperature °F.				Minimum temperature °F.				Mean dry bulb temperature 8 hrs. L. M. T. °F.	Mean wet bulb temperature 8 hrs. L. M. T. °F.	Vapour pressure, inches.		Relative Humidity %		Mean cloud amount 8 hrs. L. M. T.	Rainfall, inches.				Number of rainy days (0·10" or more).		Wind.	
	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.			Mean 8 hrs. L. M. T.	Departure from normal.	Mean 8 hrs. L. M. T.	Departure from normal.		Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Resultant direction 8 hrs. L. M. T.	Velocity in miles per hour.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Assam																							
Lumding ...	86·1	+ 1·0	92	9	70·2	+ 0·6	60	30, 31	75·3	73·0	·776		88			2·63	−0·90	1·64	23	4	− 2·1		
Bengal																							
Pabna ...	89·9	− 1·2	94	4, 7, 9	74·4	+ 1·5	63	28, 29	81·9	77·7	·903	+ ·050	83	+ 3		2·63	−2·80	1·47	17	4	− 1·4		
Punjab, East and North																							
Gurdaspur ...									69·7	64·0	·522		73		0·6	1·29		1·21	6	1		N 83 E	1·3
Kashmir																							
Jammu ...	84·0	− 4·2	95	2, 5	68·3	+ 1·6	61	27, 30	73·9	60·9	·362	− ·060	43	− 8	0·6	0·70	+0·02	0·25	5	3	+ 2·0	N 4 E	
Kargil ...	65·2	− 1·5	82	2, 3	40·4	+ 3·7	31	29	47·9	43·4	·287	+ ·091	73	+28	2·1	0·03	−0·25	0·03	5	0	− 0·5	N 24 E	
N.W. F. Province																							
Bannu ...	92·3	+ 2·0	102	1, 3	63·5	+ 2·2	55	31	75·8	61·2	·342	− ·037	40	− 9	0·4	0	−0·12	0		0	− 0·3	Calm	
Wana ...	79·9		90	2	44·7		36	31	62·7	47·6	·162		29		0	0		0		0		S 3 W	
Hyderabad, North																							
Bidar ...	84·1	− 2·4	88	15, 18, 21	67·7	+ 0·1	64	28, 30	75·3	67·9	·590	− ·042	68	− 1	4·4	2·31	−0·39	1·03	1	4	+ 0·3	N 41 W	7·0
Mysore																							
Nandi ...	71·2		75	6 days	59·8		56	30	64·0	62·5	·552		92			1·47		0·45	30	5		S 45 W	
Tibet																							
Yatung (Chumbi) ...	62·8	+ 4·9	70	3	32·7	− 4·6	20	26	41·1	40·0	·238	− ·020	93	+ 5	2·4	1·30	−0·63	0·49	12	4	+ 0·2		
Iran																							
Zahidan ...	81·1		95	1	46·6		38	31	64·0	48·7	·169		28		0·3	0		0		0		N 45 E	5·9

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																STATION.
											4 hrs. G. M. T.									12 hrs. G. M. T.								
4 hrs. G. M. T.	Departure from normal.	Mean 12 hrs. G. M. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																													Iran
·9		0·3	0		0		0		3·0		2	9	1	1	0	1	0	2	15	1	2	0	3	8	16	0	0	1	Charbar
·3		0·8	0	− 0·05	0		0	− 0·2	7·4	+ 0·6	7	11	8	1	0	0	0	3	1	0	0	1	4	5	10	11	0	0	Jask
·1		0·3	0		0		0		6·7		4	18	1	0	1	0	1	3	3	0	0	0	5	19	7	0	0	0	Bandar Abbas
·3		0·4	0	− 0·08	0		0	− 0·3	7·8	+ 3·3	4	4	8	6	0	0	0	4	5	1	0	0	0	0	0	8	22	0	Bushire
·0		2·0	0	− 0·14	0		0	− 0·4	1·3	− 0·4	1	0	0	0	0	2	1	4	23	3	7	5	2	0	1	0	1	12	Ispahan
·6		2·3	0·10	− 0·28	0·05	20	0	− 1·1	1·4	+ 0·4	1	0	1	2	0	0	0	1	26	0	0	5	2	0	0	0	0	24	Meshed
·0		1·0	0	− 0·09	0		0	− 0·4	2·8	− 4·1	0	0	0	0	0	0	0	19	12	0	0	0	0	0	0	0	17	14	Seistan
																													Arabia
·5		0·4	0	− 0·01	0		0	− 0·1	6·0		3	0	0	0	0	5	4	14	5	15	4	3	0	0	0	0	9	0	Bahrain
·9		0·5	0·40	+ 0·31	0·40	28	1	+ 0·8	4·1	+ 1·3	2	1	0	0	0	2	4	15	7	0	10	0	6	0	0	1	11	3	Muscat
·3		0·7	0		0		0		5·3		0	0	0	16	10	0	0	0	5	1	0	0	0	0	0	12	18	0	Sharjah

TABLE V—ABSTRACT OF OBSERVATIONS RECORDED AT 8 HRS. (L. M. T.) AT 5TH CLASS STATIONS—OCTOBER 1938

DIVISION.	STATION.	Rainfall, inches.				Number of rainy days (0·10" or more).		DIVISION.	STATION.	Rainfall, inches.				Number of rainy days (0·10" or more).	
		Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.			Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.
1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8
Bengal ...	Bankura ...	2·43	−0·48	1·30	10	6	+1·8	Baluchistan ...	Harnai ...	0	−0·34	0		0	− 0·7
	Rampur Boalia ...	1·40	−2·38	0·72	24	4	−0·4								
	Sirajganj ...	3·51	−1·43	1·15	18	5	+0·1	Rajputana, East...	Udaipur ...	0	−0·66	0		0	− 1·0
	Rangpur ...	3·14	−2·22	1·20	12	4	−0·3	Bombay Deccan ...	Khandala ...	29·22		10·30	7	7	
	Cooch Behar ...	6·86	−0·82	2·25	12	6	+0·5								
								Hyderabad, North.	Parbhani ...	3·72	+1·99	0·91	2, 8	5	+ 2·6
Bihar ...	Muzaffarpur ...	0·80	−1·77	0·50	16	3	+0·5								
	Chapra ...	1·31	−0·87	0·68	14	2	−0·5	Madras Southeast.	Palamcottah ...	5·00	−1·82	1·52	30	6	− 3·0
	Arrah ...	0·60	−1·94	0·30	14, 16	2	−1·1	Madras Deccan ...	Anantapur ...	0·20	− 3·51	0·20	9	1	− 4·8
	Dehri ...	1·05	−1·10	0·55	11	2	−0·9								
								Sikkim ...	*Lachung ...	4.38	+039	0.53	11	13	+3.2
United Provinces West.	Meerut ...	0·10	−0·46	0·10	13	1	+0·4								
Punjab, East and North.	Dharampore ...	0·65		0·50	23	2									
	Kyelang ...	0·20	−0·51	0·12	9	1	−0·2								
	Dalhousie ...	1·56	+0·64	1·44	6	2	+0·6								
Kashmir ...	Sonamarg ...	3·29	+1·08	2·02	5	3	−2·0								
	Gurez ...	2·87		0·92	6	5									

*Return not received.

Y. P. P.—S 9940—325—21-1-39.

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MONTHLY FREQUENCY TABLES

of

Horizontal Visibility, Height of Base of Low Cloud and Surface and Upper Winds at Pilot Balloon Stations

October 1938

Supplement to the Monthly Weather Report, October 1938

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Tables of Wind Frequency:—Data for tables 1, 4, 7 and 10 are obtained from routine pilot balloon ascents. They are classified under four sets of tables according to the times of their commencement. Ascents in day-light starting at hours before 0830 hrs. I. S. T. have been classified under "morning". Most of these ascents begin at about 10-15 minutes before sunrise; thus the times will be different at different stations. Ascents starting at hours varying from 0830 to 1200 hrs. are classified as "forenoon" and those from 1200 to 1700 hrs. as "afternoon". Night ascents with lanterns which start after 0300 hrs. are classified as "late night". The most frequent times of commencement of the ascents which have been classified as "forenoon", "afternoon", and "late night" are 0900, 1400 and 0330 hrs. I. S. T. respectively.

The symbols used in the tables of wind frequency have the following meaning:— ϕ = Latitude of the station; λ = Longitude of the station; H_s = Height of the anemometer head (i.e. to which the values of the surface wind relate) above mean sea level; C = the number of observations when the speed of wind is 5 km./hr. or less and n = number of observations.

Tables of Frequency of Heights of base of Low cloud:—Tables 2, 5, 8 and 11 are based on observations made at the routine hours of pilot balloon flights or within half an hour of the same. Heights which are either measured or estimated are given.

In the first row of these tables, for amounts of low cloud 1-10, the number under code figure 9 gives occasions when there was no low cloud, and in the second row, for amount of low cloud = 9 or 10, the number under this code figure gives all occasions when the total amount of cloud (whether low, medium or high) was 9 or 10.

Tables of Frequency of Horizontal Visibility:—Data for tables 3, 6, 9 and 12 are obtained from observations near the times of the routine pilot balloon ascents.

The Code figures used in the tables Nos. 2, 3, 5, 6, 8, 9, 11 and 12 have the following meaning:—

Code figure ...	0	1	2	3	4	5	6	7	8	9
Cloud height ...	Less than 50 m.	50 to 99 m.	100 to 199 m.	200 to 299 m.	300 to 599 m.	600 to 999 m.	1000 to 1499 m.	1500 to 1999 m.	2000 to 2500 m.	No Low cloud Total amount of cloud = 9 or 10
Visibility ...	Less than 50 m.	50 to 200 m.	200 to 500 m.	500 to 1000 m.	1000 to 2000 m.	2000 to 4000 m.	4000 to 10000 m.	10000 to 20000 m.	20000 to 50000 m.	Greater than 50000 m.

POONA:
The 16th October 1939.

S. K. BANERJI,
Offg. *Director-General of Observatories.*

[Price 6 annas.]

U109

STATION.	Speed limits (km./hr.).	Surface.										0·5 km. above Surface.										1·0 km. a. s. l.										2·0 km. a. s. l.							
		n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W
Agra ...	6–25	31	1	3				1	4	1	21	31	3	6	2	7		1		3	2	31	1	7	4	5	1		2	4	1	31	2	1	3			2	4
ϕ =27° 08′ N ...	26–50														1	1			2	3			1							1	3		2	3	2			1	1
λ =78° 01′ E ...	51–75																								1														
H_s =181 metres ...	>75																																						
Ahmedabad ...	6–25	31		1	1				1	1	27	31	3	1	1	·	1	2	3	7	1	31	6	4	1	1	1	3	2	4	1	30	4	3	3	3	1	3	3	
ϕ =23° 02′ N ...	26–50												3	1	1	1			1	5					2	1			1	4			2	2	2			1	
λ =72° 35′ E ...	51–75																																		1				
H_s =55 metres ...	>75																																						
Bangalore ...	6–25	31	2	2	6	1		7	8	2	1	24	2	2	2	1	1	1		1	1	31	1	2	6	2		5	8	1		20	2	5	4	1			
ϕ =12° 58′ N ...	26–50							2					1	1	5				1					1				1	4				1	1					
λ =77° 36′ E ...	51–75														1				3	1																-			1
H_s =936 metres ...	>75																																						
Bhuj ...	6–25	31						8	4		19	30	4	1	1		4	3	2	3		31	3	5	2		2	3	2	3	1	31	2	6	2	4	3	1	4
ϕ =23° 15′ N ...	26–50												1	2				1	6	5			2	1			1		5	1			1	4	2			1	
λ =69° 48′ E ...	51–75																																						
H_s =113 metres ...	>75																																						
Chittagong ...	6–25	31	1			2					28	30	5	3	1	4	3	2	1		1	30	6	3	3	3	2	2	1	1	1	28	1	4	3		6	1	5
ϕ =22° 21′ N ...	26–50												3	1		4	2						4				3								2	3		
λ =91° 50′ E ...	51–75																									1												
H_s =21 metres ...	>75																																						
Dacca ...	6–25	31			1	1		1			28	31	4	2	6		1	3	2	2	2	31	4	4	2		4	3	3	4	1	30		2	2	1	2	6	2
ϕ =23° 43′ N ...	26–50												1			3							1		1	2				1				1	2	2			
λ =90° 24′ E ...	51–75																																						
H_s =21 metres ...	>75																																						
Fort Sandeman ...	6–25	31					1	4			26	31	4	1		1	2	3	12	7												31	3			1	5	11
ϕ =31° 21′ N ...	26–50																			1																			
λ =69° 27′ E ...	51–75																																						
H_s =1421 metres ...	>75																																						
Hyderabad (Begumpet).	6–25	31	1				1		11	2	16	29	8	4	2				2	1		29	8	5	2				2	1		28	6	2	3			1	4
ϕ =17° 26′ N ...	26–50												1	3	4				2				1	3	3				2					4	2				2
λ =78° 27′ E ...	51–75																		4	3									4	3			1						1
H_s =555 metres ...	>75																																						
Jubbulpore ...	6–25	31		1	1	3	2		1		23	29	1	1	1	3	3	5	2	6		28		1	3	1	3	5	1	7		26	4		1	1	1	1	
ϕ =23° 10′ N ...	26–50												1		1	1	1		2	1			2			2			2	1			6		3				
λ =79° 57′ E ...	51–75																																						
H_s =402 metres ...	>75																																						
Lahore ...	6–25	31	1	1	1						28	30	6	1	2	3	1		1	3	4	31	7	1	2	4	1	2	3	8	1	31	3	1	1		4	1	3
ϕ =31° 35′ N ...	26–50															1	1			7							1			1			2					1	
λ =74° 20′ E ...	51–75																																						
H_s =221 metres ...	>75																																						
Madho Sagar (Gwalior).	6–25	31	1	2		1	2	10	1		14	30	3	2	2	4	1	1	1	4	1	29	6	1	3	3	1		2	2	3	27	2	2	3			1	3
ϕ =26° 13′ N ...	26–50												3		1	2			1	2			3			1		1	2	1			1	1	2				2
λ =78° 08′ E ...	51–75																																						
H_s = ...	>75																																						
Madras ...	6–25	31		3				4	5		19	31		3		1			2	2	1	31	7	8			2	2	1			30	6	2	2		1		5
ϕ =13° 04′ N ...	26–50													3	1		3	1	6					3	2	1			2				2		3				4
λ =80° 15′ E ...	51–75																		6										5	2									
H_s =13 metres ...	>75																												1										
Malegaon ...	6–25	29				1			4	10	14	29	4	2	2	2	3			5		28	8	2	3	1	3			1	·	28	2	7	2	2	3	1	1
ϕ =20° 33′ N ...	26–50												2		1	2		1		4			2		1	1				4			5	1	2				
λ =74° 32′ E ...	51–75																			1										1									
H_s =437 metres ...	>75																																						
Mangalore ...	6–25	29	1	1	10		1		2	1	13	29	5	1	3	1		1	1	7	1	28	2	1	4		2	2	3	2	2	27		3	2	6			1
ϕ =12° 52′ N ...	26–50														2				6	1					3				4	3			1	5	1				3
λ =74° 51′ E ...	51–75																																		1				
H_s =40 metres ...	>75																																						
Peshawar ...	6–25	31					3	8	1		19	31	12	1	3	1		1	2	5	5	31	10	1	3	1			2	6	7	31	6	2	1	2	5	1	2
ϕ =34° 01′ N ...	26–50																			1										1									
λ =71° 35′ E ...	51–75																																						
H_s =363 metres ...	>75																																						
Poona ...	6–25	31			3			17	1	1	9	30	3	7	1	2		1	1	1		31	2	7	1	2		1	1	8		27		6	6				
ϕ =18° 32′ N ...	26–50														2	2		2	5	2					3	1			7			5			4			1	
λ =73° 51′ E ...	51–75														1										1										1				
H_s =589 metres ...	>75																																						
Port Blair ...	6–25	31		4		1		6	4	1	9	28		3	1	1	3	3	3	1	-	25		4	1	1	3	2	3	1		18			3	1	1	3	3
ϕ =11° 40′ N ...	26–50							5	1						1			3	5									2	6						1			1
λ =92° 43′ E ...	51–75																	3	1									1								1		1
H_s =87 metres ...	>75																											1										
Raj Samand (Kankroli)	6–25	19	1	1				3	2	8	4	19	1	3	2		1	2	2	3		19	2	2	2		1	2	2	2		19	5			1	1	2	1
ϕ =25° 03′ N ...	26–50																	1	2	2								1	2	3			3				2	
λ =73° 53′ E ...	51–75																																						
H_s =587 metres ...	>75																																						

3·0 km. a. s. l.										Amounts of low cloud.	No. of observations with Code figures.										No. of observations with Code figures.										STATION.
n	N	NE	E	SE	S	SW	W	NW	C		0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
28	3	2	4	2	2		2 3	4 6		1 — 10						1		2		28						1	21	9			Agra
										9 or 10						1		1		2											
28	3 1	3 6 1	2 1	4			1	4 1	1	1 — 10					1	1			1	28						1	6	24			Ahmedabad
										9 or 10					1					5											
16	1		1 2	2		3	1	5 1		1 — 10	3	3	6	1	2	2		1		13						3	21	7			Bangalore
										9 or 10	3	3	4	1						19											
30	6 1	7 6 2	2	2			1	3		1 — 10					3		1	1		26						1	4	26			Bhuj
										9 or 10										1											
19		1	1 1	1 3	2	1 2	4 3			1 — 10	1	1	1	2	2	3	11	2		8						2	18	11			Chittagong
										9 or 10	1	1	1	2	1	1	2			18											
22			1 3	1 1 1	2	6 2	2	3		1 — 10				2	4	1	5	1	1	17						1	30				Dacca
										9 or 10										1											
31	6 1		1			3	3 3	6 7 1		1 — 10										31						3	10	15	3		Fort Sandeman
										9 or 10																					
24	3 2	2	3		1	2	4	2 3	2	1 — 10					4		1	1	2	23							3	21	7		Hyderabad (Begumpet)
										9 or 10					2		1			7											
22	6 7 1	1	3		1	1		1 1		1 — 10				1	2	2	1		3	22								31			Jubbulpore
										9 or 10					2	2				8											
28	3 2	1	2		1	2 1	3 2	5 6		1 — 10										31					2	8	20	1			Lahore
										9 or 10																					
27	1	1 2	3 3	1	2	1	1 2	5 5		1 — 10					4			2	4	21							1	20	10		Madho Sagar (Gwalior)
										9 or 10					2					3											
28			3 3	1		3 1	3 6 1	4 3		1 — 10					2	1	2	2	2	22								10	21		Madras
										9 or 10										15											
27	6 3	1 2	3 9		1	1	3	4		1 — 10					1	4			7	19						1	4	3	23		Malegaon
										9 or 10										7											
16	1	1 1	4	1 1	2	4	1			1 — 10	2		1		1	8	9	1	1	8		1		1		5	7	17			Mangalore
										9 or 10	2		1		1	4	1			12											
31	4 1		2	2	1 1	6	4 1	7 1	1	1 — 10									2	29						1		3	7	20	Peshawar
										9 or 10																					
25	2 2	9 1	3	2	8			1	1	1 — 10					4	2	2	2		21						1	5	4	21		Poona
								1		9 or 10					1	2		1		13											
8			1	2	1	1 1	1	1		1 — 10					14	15	1			1						3	7	15	6		Port Blair
										9 or 10					4					23											
16	3 1	3		1	1	3		3 1		1 — 10							1			16							4	27			Raj-Samand (Kankroli)
										9 or 10																					

STATION.	Speed limits (km./hr.).	Surface. n	N	NE	E	SE	S	SW	W	NW	C	0·5 km. above Surface. n	N	NE	E	SE	S	SW	W	NW	C	1·0 km. a. s. l. n	N	NE	E	SE	S	SW	W	NW	C	2·0 km. a. s. l. n	N	NE	E	SE	S	SW
Sambalpur ...	6-25	31	1	1	1						28	30	6	3	3	1		1	3	4	2	30	8	4		1	1		2	3	2	24	8	4	1	3		
ϕ = 21° 28′ N ...	26-50													1		1	2		1				2	1		1	1	1					1	1				1
λ = 83° 58′ E ...	51-75													2										2		1											
H_s = 153 metres ...	>75																																				
Tezpur ...	6-25	31		4	2			1			24	28		2	13	3	2	1			2	26		3	10	2		2	1		3	17		2	8			
ϕ = 26° 37′ N ...	26-50														2			1	1						2				2						1			
λ = 92° 47′ E ...	51-75																	1											1									
H_s = 76 metres ...	>75																																					
Trichinopoly ...	6-25	31		4	1			1	8	4	13	31		1	1	1	4		4	1		31			3	3	1	2	2		2	27	6	3	1			
ϕ = 10° 49′ N ...	26-50												1	3					6				1	2					5					1				1
λ = 78° 42′ E ...	51-75																		8										9									
H_s = 88 metres ...	>75																		1						1													
Trivandrum ...	6-25	31	9	3					2	10	7	26	2	1	1				2	8	1	24	2	4	2	1				7		17	1	2	4	1		
ϕ = 8° 31′ N ...	26-50																		3	8									5	1					1		
λ = 77° 00′ E ...	51-75																												1	1							
H_s = 73 metres ...	>75																																				
Vizagapatam ...	6-25	31		1	1			1	2	8	18	31	8	4				1	5			31	4	4				2	4	1	1	30	5	2	1			1
ϕ = 17° 42′ N ...	26-50													6				4	1				2	5	2			1	1	2				3	2			1
λ = 83° 18′ E ...	51-75																	1	1									1		1								1
H_s = 56 metres ...	>75																																					

TABLE

STATION.	Speed limits (km./hr.).	Surface. n	N	NE	E	SE	S	SW	W	NW	C	0·5 km. above Surface. n	N	NE	E	SE	S	SW	W	NW	C	1·0 km. a. s. l. n	N	NE	E	SE	S	SW	W	NW	C	2·0 km. a. s. l. n	N	NE	E	SE	S	SW
Allahabad (Bamraull)	6-25	31	1	4	3	2	3	2	7	1	8	31	2	1	4	5		3	4	4	2	29	3		3	3			5	6	1	24		2	3	1		
ϕ = 25° 26′ N ...	26-50														1	1	1	1	1	1					2	1			2	2				1	3	1		
λ = 81° 44′ E ...	51-75																																					
H_s = 99 metres ...	>75																																					
Bahrein ...	6-25	31	3	2				3	5	15	3	31	7			2	1	3		5	1	31	4	2			3	1	4	4		26	6			1	1	1
ϕ = 26° 14′ N ...	26-50												7					1		2			5	1	1				2	3			6		2	1		
λ = 50° 35′ E ...	51-75												1							1			1															
H_s = 14 metres ...	>75																																					
Bombay (Juhu) ...	6-25	31	3	2	3	2	1	3	1	3	12	28	5	3	3	1			6	2		23	2	3	6	1		1	2	3		20	3	3	2	4	3	
ϕ = 19° 17′ N ...	26-50									1			1	1	2				1					1	3					1			3	2				
λ = 72° 50′ E ...	51-75														1		1	1																				
H_s = 5 metres ...	>75																																					
Calcutta (Dum Dum)	6-25	31		5	4	4	1	5		4	8	31	2	6	4	1		4		3	6	29	7	4	4	1		4		2		26	2		1	5	1	2
ϕ = 22° 38′ N ...	26-50														2	1	1	1					1	2	1			1		1			3		3		1	
λ = 88° 27′ E ...	51-75																																		1			
H_s = ...	>75																																					
Gaya ...	6-25	31	1	2	2	3	2	4	4		13	30	1	1	3	4	1	1	5	10	2	30	1	4	3	1		2	1	10	2	30		3	1	3	2		3
ϕ = 24° 49′ N ...	26-50														1	1									2	1				2			1	1	2		1	
λ = 85° 01′ E ...	51-75																																		1			
H_s = 117 metres ...	>75																																					
Gwador* ...	6-25	26				1		3	10		12	24	2	5	2		1	2	10	2		24	5	6	1				1	5	5	24	5	7		1	2	
ϕ = 25° 08′ N ...	26-50																								1								1	1				
λ = 62° 19′ E ...	51 75																																					
H_s = 10 metres ...	>75																																					
Jacobabad ...	6-25	31	2		6			1		2	20	31	4	1	6	3	2	3	1	2	2	31	4	3	5		1	3	4	6	2	30	7	2	2		2	4
ϕ = 28° 17′ N ...	26-50												2		3					1			1		1					1			2					
λ = 68° 29′ E ...	51-75																			1										1								
H_s = 66 metres ...	>75																																					
Jodhpur ...	6-25	31		7	1	2		10		1	10	31	4	2		2	4	2	8			31	3	2		4	3	2	6	2		31	2	5	2		2	2
ϕ = 26° 18′ N ...	26-50													1		3		1	2	2				1		2	1	2	3					2	2		1	2
λ = 73° 01′ E ...	51-75																																				1	
H_s = 232 metres ...	>75																																					
Karachi (Drigh Road)	6-25	31	1					2	9	3	14	31	2	1	2			1	9	5		30		4	2	1	1	2	5	6	1	29	8	2	3	1	2	1
ϕ = 24° 54′ N ...	26-50								2				2	3					2	3			4	2					2					2	1			
λ = 67° 11′ E ...	51-75																		1																			
H_s = 30 metres ...	>75																																					
New Delhi ...	6-25	31		5			3	2	6	3	10	31	1	2	3	2	3	2	4	4	1	31	2	1	4	2	2	1	4	6	1	31	2	2	4	1		1
ϕ = 28° 39′ N ...	26-50							1	1				1		1				1	5			1		1					5			3		1			
λ = 77° 15′ E ...	51-75																		1											1								
H_s = 227 metres ...	>75																																					
Sharjah ...	6-25	31		1	1	3	1	4		1	20	31	5	1	6	1	3		3	6	6	31	4	4	5	2	2	3	1	7	2	31	5	1	5	5	4	1
ϕ = 25° 20′ N ...	26-50															1										1							1		1		2	
λ = 55° 24′ E ...	51-75																																					
H_s = 13 metres ...	>75																																					

*Gwador closed on 26-10-38.

3·0 km. a. s. l.										Amounts of low cloud.	No. of observations with Code figures.										No. of observations with Code figures.										STATION.
n	N	NE	E	SE	S	SW	W	NW	C		0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
22	3	1	2			2	1	2	2	1 — 10					3	5	2			21							1	21	9		Sambalpur
	3	1	2		1	1	1			9 or 10										7											
5					3		1			1 — 10			1	3	5	1	5	5	7	4				1		1	13	14	2		Tezpur
			1							9 or 10			1	2	3	1	1		1	11										
19	2		2			4	3	4		1 — 10					5	3		3	9	11							4	12	11	4	Trichinopoly
							1	1																							
							2			9 or 10					1	2				18											
13	1	1	1		1	2	1	5		1 — 10					1	21	1			8					1	12	16	2			Trivandrum
							1																								
										9 or 10					1	2				11											
26	6	1		2	2	1	3	5	1	1 — 10						1	3	2	4	21							2	21	8		Vizagapatam
						1	1	2																							
						1				9 or 10								1		11							10				

15	1		3					2		1 — 10					4	1	1		1	24						6	19	6			Allahabad (Bamrauli)
	1		3					4																							
			1							9 or 10						1	1		1	6											
17	4	1	1			1	2	3	2	1 — 10					1			3		27							10	21			Bahrein
			2					1																							
										9 or 10																					
18	5	4	1		5					1 — 10					9	9	2		1	10					1	1	14	15			Bombay (Juhu)
		1	1																												
	1									9 or 10					3	1				10											
10					1	2	1	2	1	1 — 10					3	13	5			10					2	9	20				Calcutta (Dum Dum)
				1		1																									
										9 or 10					1					6											
25		1	3			2	1	1		1 — 10					2	4	4		1	20						6	25			Gaya
	1	1	4		1	1		5																							
			1					3		9 or 10									1	5											
18		4	2	2	1			4	1	1 — 10			1	1	7	3				14		1	1	1	1	5	8	9			Gwador
	2		1					1																							
										9 or 10			1	1						2											
28	6	3			1	2	4	5	1	1 — 10										31					1	10	20				Jacobabad
							2	4																							
										9 or 10																					
31	5		3	1	1	1	5	2	3	1 — 10									1	30						5	22	4			Jodhpur
	3	4	1				2																								
		1								9 or 10										1											
23	3	5	1	1		1		5	1	1 — 10		1	1		8	5				16				1		5	7	15	3		Karachi (Drigh Road)
	1	4			1																										
										9 or 10		1	1		1					3											
30	5	3	2	1	2	1	1	4		1 — 10								1	3	27						7	24				New Delhi
			1			1	5	4																							
										9 or 10										2											
30	4	1	5	3	2	3	4	1	1	1 — 10					1	2	1	5	2	20						1	5	25			Sharjah
	1		2	1	1																										
	1									9 or 10																					

STATION.	Speed limits (km./hr.).	Surface.										0·5 km. above Surface.										1·0 km. a. s. l.										2·0 km. a. s. l.							
		n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W
Agra ...	6-25	31	3	1	8	1			4	10	4	31	3	2	5	2			2	9	1	31	2	5	3	1			6	7		31	2	3	4			1	4
	26-50												1		1					4			1	1						4			2		2				1
	51-75																													1									
	>75																																						
Ahmedabad ...	6-25	31	2	4			2	8	3	3	9	31	3	4	2		1	6	7	4	3	31	3	2	3		1	3	6	8	4	29	3	4	1	1	2	1	5
	26-50																			1										1			1	3	1	1	1	1	1
	51-75																																						
	>75																																						
Allahabad (Bamrauli) ...	6-25	31	3	4	5			1	4	13	1	31	3	4	4		1		5	10		30	3	1	6		1		4	9		28	2		5		1		4
	26-50													1		1			1	1			1	1		1			2	1				1	2	1			1
	51-75																																						
	>75																																						
Bahrein ...	6-25	31	2	5	3	1				20		31	8	2	1		2	2	1	2	1	31	8	1		1		1	3	6	1	30	5					3	3
	26-50												7							4			2				1			5			6	1	1		1		
	51-75												1										2																
	>75																																						
Bangalore ...	6-25	31	1	6	2		1	4	4	5	3	31	4	5	2	1		2	4	3		30	3	4	2			1	8	3	1	28	5	5	1		2		1
	26-50							3		2					2				7						2				6					2				6
	51-75																																						2
	>75																		1																				
Bhuj ...	6-25	31	4	2		1	4	4	5	3	8	31	3	1	3	1	2	6	4	2	1	31	3	2	2	2	2	7	4	3	2	31	3	2	2	3	4	3	5
	26-50												1	1			1	1	3	1			1						2	1			2					1
	51-75																																						
	>75																																						
Bombay (Juhu) ...	6-25	31	1			1	1	6	3	19		28	7	6	3			2	1	5		24	3	9	4	3	1		2		1	17	2	1	2	3	1	1	
	26-50																		2											1			1		1	1			
	51-75												1					1																					
	>75																																						
Calcutta (Dum Dum) ...	6-25	31	1	4	2	3		4		7	10	31	8	3	3	2	3	2	2	3	1	30	6	6	3	1		1	2	4	1	27		1	4			1	3
	26-50					2		1							1	1	1						1		1	1	1	1					3		2	1	1		
	51-75															1										1													
	>75																																						
Chittagong ...	6-25	31		4		5		6	2	7	7	30	7	2		3	3	4	2	2	1	29	7	3		3	4	1	1	2	1	22	1		4	3	2	3	3
	26-50												1			1	4						1			1	5										1	1	
	51-75																																						
	>75																																						
Dacca ...	6-25	31				4	2	1		3	21	31	5	2	1	4	4	3	3	4	4	28	3	6	2		3	3	2	5	2	25		2	2	1	3	4	5
	26-50															1										1	1									1	1		
	51-75																																						
	>75																																						
Fort Sandeman ...	6-25	31	1				1	2	4	3	20	31	2			1	1	11	8	4	3											31	3		1		2	12	5
	26-50																			1																			
	51-75																																						
	>75																																						
Gaya ...	6-25	31		10	1	2		1	1	13	2	31	1	3	5		2	1	4	10	1	31	3	2	6		1	2	3	7		29	1	3	3	3		1	2
	26-50			1										1	2					1					2				1	4						2			
	51-75																																						
	>75																																						
Gwador ...	6-25	26					8	17	1			26	2	1			1	2	9	5	4	26	12	1			1	1	5	2	2	25	5	3			2		2
	26-50																		2				1						1				4						
	51-75																																						
	>75																																						
Hyderabad (Begumpet) ...	6-25	31	3	2	3	1		3	7	7	5	31	3	4	4		1	3	2	3		31	3	4	2		1	3	2	3		27	2	6	3			2	3
	26-50													1	1				5	4				1	3				5	4			2	2	1				4
	51-75																																						
	>75																																						
Jacobabad ...	6-25	31			1	1				2	27	31	2	1	3	1	2	3	2	10	5	31	2		3	2	2	4	4	6	7	30	6	3	1		1	6	6
	26-50																			2										1			1						
	51-75																																						
	>75																																						
Jiwani ...	6-25	6						6				6			1		3	2				6		1	1	1		2	1			6	3	1					1
	26-50																																						
	51-75																																						
	>75																																						
Jodhpur ...	6-25	31	2	8	1		1	11	1	1	6	31	5	2	2	1		9	4	3		31	4	3	2		1	8	4	3	1	31	5	4	1			7	6
	26-50													1	1			3					1		1			3					1	1				1	2
	51-75																																						
	>75																																						
Jubbulpore ...	6-25	31	2	4			1	3	1	2	16	31	6	2	1	1		1	1	5	7	5	31	5	3	1	1		1	5	8	4	26	8	1	2	-			4
	26-50												1	1									1	1									2						
	51-75																																						
	>75																																						

3·0 km. a. s. l.										Amounts of low cloud.	No. of observations with Code figures.										No. of observations with Code figures.										STATION.
n	N	NE	E	SE	S	SW	W	NW	C		0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
30	1	1	2	4		1	4	4		1 — 10								3	14	14							13	18			Agra
	1	1	1				2	6																							
										9 or 10									1	1											
								1																							
25	5	6	1			1	2	5		1 — 10								13	3	15								31			Ahmedabad
	1	2	2																												
										9 or 10									1	9											
12			2					2		1 — 10					1	2	5	12	1	10						3	15	13			Allahabad (Bamrauli)
			1				1	6																							
										9 or 10					1		1	1		6											
23	2		2	2	1		5	6		1 — 10								1	2	28							3	25	3		Bahrein
	2							2																							
								1		9 or 10																					
13	2		2	1	1	1	2	1	1	1 — 10						4	13	7	7								9	22			Bangalore
							1																								
							1			9 or 10						1	3			12											
31	5	6	3	1	1	1	1	3	2	1 — 10						3	4	4		20						1	2	28			Bhuj
		5	1					1																							
		1								9 or 10										2											
13	3	2	1	2	3	1		1		1 — 10				1	8	9	1			12					1	1	7	22			Bombay (Juhu)
										9 or 10				1	2					8											
9			1			1	2	1		1 — 10					1	11	12	2		5							31				Calcutta (Dum Dum)
			1				1	2																							
										9 or 10						1				7											
22		1	2	2	4	4	3			1 — 10					4	14	7			6					1	1	7	17	5		Chittagong
				1	1	1	3																								
										9 or 10										15											
19			1			6	3	1		1 — 10					1	6	13	3		8							31				Dacca
			1			2	2	3																							
										9 or 10										6											
31	1				2	6	10	9	1	1 — 10									6	25						1	1	18	11		Fort Sandeman
						1	1																								
										9 or 10										1											
18	1	1		1			1	1	1	1 — 10						7	7	6	1	10							4	27			Gaya
			1	1	1		1	8																							
										9 or 10																					
20	3	3	2	1	2		2	2	1	1 — 10					2	2				22						1	8	17			Gwador
	1		1	1	1																										
										9 or 10																					
21	2	3	2	2	2	1	2	4		1 — 10					2	1	3	3	15	7							1	9	15	6	Hyderabad (Begumpet)
							1	1																							
							1			9 or 10					1	1	1	1		10											
28	3	1		2	4	1	6	3	1	1 — 10										31					2		6	23			Jacobabad
						1	1	5																							
										9 or 10																					
6	3	1				1				1 — 10						3				3								6			Jiwani
					1																										
										9 or 10																					
26	6	3	1		1	2	5	2	1	1 — 10							1	1	14	15								7	24		Jodhpur
	1	1				1		2																							
										9 or 10										1											
19	5	2			1		1	3		1 — 10						3	1	3	21	3								29	2		Jubbulpore
	4	1	1																												
		1								9 or 10						2	1		1	9											

STATION.	Speed limits (km./hr.).	Surface.										0·5 km. above Surface.										1·0 km. a. s. l.										2·0 km. a. s. l.							
		n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W
Karachi (Drigh Road) ...	6–25	31				1	1	19	1	2	2	31				1	1	3	14	3	1	31	5	1	2		2	3	8	4	2	31	7	4	1	3	1		3
	26–50							3	2								1	3	4									2	1	1				2					
	51–75																																						
	>75																																						
Lahore ...	6–25	31		3		1		1	2	5	19	31	3	1	1	3	3	1	3	9	4	31	5		1	2	4	1	5	9	2	29	1	2		3	1	3	4
	26–50													1	1					1				1	1														1
	51–75																																						
	>75																																						
Madhó Sagar (Gwalior)	6–25	31	1	6	4	1	1	7	2	8	1	31	5	3	5			1	6	8		30	4	4	4			1	7	8		27	2	2	2		1	1	3
	26–50												1	1	1									1	1									1	2				1
	51–75																																						
	>75																																						
Madras ...	6–25	31	2	5	2	7	1	5	4		5	30	2	6	1	1	2	4	3			29	5	1	2	1		3	6	1		24	2	1			2	1	5
	26–50												1	4				1	5					4					5	1									2
	51–75																																						
	>75																																						
Malegaon ...	6–25																																						
	26–50																																						
	51–75																																						
	>75																																						
Mangalore ...	6–25																																						
	26–50																																						
	51–75																																						
	>75																																						
New Delhi ...	6–25	31	2	6	1	1		1	2	10	4	31	6	3	3	1		1	1	8		31	3	3	2	1		1	1	7	4	31	4	1	1			2	4
	26–50									4					1					7					1					8					1				
	51–75																																						
	>75																																						
Peshawar ...	6–25	31	1	12	2	3				1	12	31	5	8	6	5	2			1	4	31	7	7	5	3	4			1	4	31	4			3	6	4	6
	26–50																																						
	51–75																																						
	>75																																						
Poona ...	6–25	31	1	4	5	1		8	5	2	5	29	1	2	5	1	4		6	1	1	29		2	5		3	1	4	3	2	26	2	4	3	4	1	1	1
	26–50														3			1	2	1					3		1	1	2	1			3			3		1	
	51–75																												1					1						
	>75																																						
Port Blair ...	6–25	31		3	3	2	1	4	4	5		30		4	1	1	3	1	3	1		27		2	1	2	1	3	3	1		12				2	2	1	1
	26–50							7	1						1			3	8					1	1			2	4	3					2				3
	51–75							1										3											1	1									
	>75																	1											1										
Raj-Samand (Kankroli)	6–25	23	1	3	2	1	1		1	6	6	23	4	2	3			3	4	4	2	23	4	2	3		1	3	3	4	1	23	4	4	1			6	3
	26–50														1									1	1									1					
	51–75																																						
	>75																																						
Sambalpur ...	6–25	31	2	3	1	1	1	3	1		19	31	9	3	3	1	1	2	4	1	4	31	10	5	2		1	1	3	2	3	26	6	8		1			
	26–50															1									1	1							2	3		1	1	1
	51–75													1	1									1											1				
	>75																							1	1														
Sharjah ...	6–25	31						1	2	28		31	1						10	16	1	31	2	4	1	2	7	5	2	7	1	31	3	3	3	5	5	4	1
	26–50																			3													1				2	2	
	51–75																																						
	>75																																						
Tezpur ...	6–25	31		3	3	3		4			18	31			12		5	5	2	1	4	28	1		7	1	2	7	2		6	27		1	4	2	2	9	3
	26–50																	2							1			1							1			1	2
	51–75																																						1
	>75																																						
Trichinopoly ...	6–25	31		8	1			2	8	7	5	31	1	2	3	1	1	1	5		3	30	1	2	2	1	1	2	4		3	28	4	1	2	1		1	1
	26–50													3					7				1	1					10										5
	51–75																		4					1					1										
	>75																																						
Trivandrum ...	6–25																																						
	26–50																																						
	51–75																																						
	>75																																						
Visagapatam ...	6–25	31		2	10	6	3	7		1	2	31	2	7	2	1	1	2	3	2	1	31	6	6	2			2	3	2		27	7	6	1				1
	26–50													5	1			3	1					5	1			2	·	1				3				1	1
	51–75																												1										
	>75																																						

ed ts ./).	3·0 km. a. s. l.										Amounts of low cloud.	No. of observations with Code figures.										No. of observations with Code figures.										STATION.
	n	N	NE	E	SE	S	SW	W	NW	C		0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
25	26	5	2	1	1	3		3	3	1	1 — 10					1	4		4	2	20						2	3	21	5		Karachi (Drigh Road)
50		3	2		1																											
75								1			9 or 10										1												
75																																
25	28	5	1				3	6	6	2	1 — 10								4		27						4	27				Lahore
50							1	2	2																							
75											9 or 10										1											
75																																
25	22	3	2		2		2	5	4		1 — 10					2	1	3	11	5	9							14	17		Madho Sagar (Gwalior)
50				1					3																							
75											9 or 10					1	1				3											
75																																
25	16	1			1		1	1	1		1 — 10					1	4	2	15	2	7					1			30		Madras
50							1	7	3																							
75											9 or 10					1			1		18											
75																																
25											1 — 10																2	6	4	19		Malegaon
50																																
75											9 or 10																					
75																																
25											1 — 10																1	3	27			Mangalore
50																																
75											9 or 10																					
75																																
25	29	8	1		1			4		2	1 — 10								2	9	20							5	26			New Delhi
50						1	1	2	9																							
75											9 or 10								1		2											
75																																
25	31	1			1	4	9	4	6		1 — 10								2	8	21							1	7	15	8	Peshawar
50						1	1	2	2																							
75											9 or 10																					
75																																
25	19	1	4	6	2	2	1		1	1	1 — 10						3	8	7	7	6						2		6	23		Poona
50			1																													
75											9 or 10							2			9											
75																																
25	1				1						1 — 10					13	17	1									7	3	14	7		Port Blair
50																																
75											9 or 10					2	2				25											
75																																
25	19	2	3				2	6	2		1 — 10							6	9		8							5	26			Raj Samand (Kankroli)
50		1		2				1																								
75											9 or 10																					
75																																
25	21	2	4	1				2	4	1	1 — 10						2	12	5	5	7							2	17	12		Sambalpur
50		3	1					2	1																							
75											9 or 10										7											
75																																
25	26	3	3	1	4	2	1	2	1	2	1 — 10								16	8	7							1	8	22		Sharjah
50		1		1		3			1																							
75		1									9 or 10																					
75																																
25	23	2	2	3			2	5	1		1 — 10						2	3	9	16	1						1		8	19	3	Tezpur
50				1			2	5																								
75											9 or 10						1				6											
75																																
25	21		1	2			3	3	4		1 — 10					1	1	1	16	5	7							2	8	20	1	Trichinopoly
50								4	2																							
75								1	1		9 or 10						1				13											
75																																
25											1 — 10																2		4	20	1	Trivandrum
50																																
75											9 or 10																					
75																																
25	23	6	1	1	1	1	1	4	4	2	1 — 10							6	5	4	16							1	23	6	1	Vizagapatam
50									1																							
75											9 or 10									1	12											
75																																

STATION.	Speed limits (km./hr.).	Surface.										0·5 km. above Surface.										1·0 km. a. s. l.										2·0 km. a. s. l.									
		n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C
Allahabad (Bamrauli)...	6-25	31		3		2			2	1	23	29	1	2		1	3		5	4	1	31	2	2	3	2	2	2	4		1	20	1	2	3	1			S	
	26-50													1	5	1	1		2	2					3	2			3	5			1		1					
	51-75																																								
	>75																																								
Bahrein ...	6-25	31	1		1	1	3	2	4	10	8	31	7	3			6		2	4		30	5	2			2	2	4	4		17	2	1		2	1	1	
	26-50									1			4							5			6	1						4			2	1					
	51-75																																							
	>75																																							
Bombay (Juhu) ...	6-25	31	2	2		4	1	4			17	23	5	5	1				2	4	2	16	7	2	3				1	1		10			2	2	3		1	
	26-50					1									3	1									2														
	51-75																																							
	>75																																							
Calcutta (Dum Dum) ...	6-25	31		2	3	2	1	7		3	13	31	2	1	4	2	2	2	3	8	1	31	5	5	2	1	2	1	2	7		15		2	1	4		2	2	
	26-50													1	1		1	2							1	2	1			1									
	51-75															1																								
	>75																																							
Gaya ...	6-25	31		2	1	3	2	7	2	1	13	31	1	3	2	2	2	2	4	10	1	31		3	3	4		2	4	11	1	24		2	1	2		2	1	
	26-50															1	1								1	1	1						1		4	2				
	51-75																																							
	>75																																							
Gwador ...	6-25	26						1	10	1	14	26	3	2	1				4	6		24	4	3	1				5	6		23	9		4	1		1		
	26-50												2						7	1				1					4				1						
	51-75																																							
	>75																																							
Jacobabad ...	6-25	31	1		4	1		1		2	22	31	1	2	2	3	3	6	3	7	3	31	2	1	1	1	5	3	2	9	6	30	1	2			4	2	4	1
	26-50																			1										1									
	51-75																																							
	>75																																							
Jiwani ...	6-25	5									5	5						1	2	1	1	5	1	2					2			1					1		
	26-50																																							
	51-75																																							
	>75																																							
Jodhpur ...	6-25	31		9				4	10		8	31	2	3	1	3	2	3	9	2	1	31	2	3	3	2		8	7	3	1	29	7	4	1	1		4	3	
	26-50													1		1		1	2				1					1					2						
	51-75																																							
	>75																																							
Karachi (Drigh Road) ...	6-25	31	1					1	10	7	12	31	4	1			2	1	9	5		30		4	2	1		4	8	6	2	17	4	4	3		1	2	1	
	26-50												1						8										2	1			1						
	51-75																																							
	>75																																							
New Delhi ...	6-25	31	1	3	2	2	1	2	5	2	12	31	5	1	3	2	4	2	1	7	2	31	3	1	4	2	1	2	6	8	3	30	2	4	2		2	2	1	
	26-50							1					1			1			1	1										1									4
	51-75																																							
	>75																																							
Raj Samand (Kankroli).	6-25	18	1	2		1		1	4	5	4	18	5	1	4	2		1	1	3		18	5	1	4	3		1	1	3		18	5	1	4	1		1		
	26-50					1										1																		2	1					
	51-75																																							
	>75																																							
Sharjah ...	6-25	31			1	21	2				7	31	5		2	1	1	1	7	12	2	31	4	2	2	3	2	2	4	6	2	31	3		3	6	2	4	2	
	26-50																											1		3			1		1			1		
	51-75																																							
	>75																																							

d ts ./ .	3·0 km. a. s. l.										Amounts of low cloud.	No. of observations with Code figures.										No. of observations with Code figures.										STATION.
	n	N	NE	E	SE	S	SW	W	NW	C		0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
·25	3				1				2		1 — 10					1	2	2		2	24						2	28	1			Allahabad (Bamrauli)
·50																																
·75											9 or 10					1	1	1			9											
·75																																
·25	9	2	2		1	1			2		1 — 10						1				30						4	25	2			Bahrein
·50		1																														
·75											9 or 10																					
·75																																
·25	6	1	2				1		1		1 — 10					6	10	1	1		18					1	12	17	1			Bombay (Juhu)
·50			1																													
·75											9 or 10					3	4		1		12											
·75																																
·25	5					1	1			1	1 — 10			1		3	5	1			21					2	28	1				Calcutta (Dum Dum)
·50							2																									
·75											9 or 10										4											
·75																																
·25	8		1	1			1	3			1 — 10					1		2	1		27						4	27				Gaya
·50				1	1																											
·75											9 or 10								1		1											
·75																																
·25	11	2	1	1				1	2		1 — 10					3	1				22			1			3	22				Gwador
·50			3	1																												
·75											9 or 10																					
·75																																
·25	27	2	2			2		4	8	2	1 — 10									1	30						6	25				Jacobabad
·50		1	1						5																							
·75											9 or 10																					
·75																																
·25											1 — 10					1	2				2						3	2				Jiwani
·50																																
·75											9 or 10																					
·75																																
·25	22	1		1	1		2	2	6		1 — 10										31						7	24				Jodhpur
·50		2	1	1					5																							
·75											9 or 10										1											
·75																																
·25	4	1	1		1						1 — 10					4	4				23					1		8	22				Karachi (Drigh Road)
·50				1																												
·75											9 or 10										1											
·75																																
·25	21	2	3	1	2	1	2	2	2	1	1 — 10							1			30							15	16			New Delhi
·50								1	4																							
·75											9 or 10										1											
·75																																
·25	10	3					1		1		1 — 10							2			16						15	3				Raj Samand (Kankroli)
·50		1	1	1					2																							
·75											9 or 10																					
·75																																
·25	27	3	3	4	4		1	3	3	1	1 — 10					1					30								17	14		Sharjah
·50		1		2			2																									
·75											9 or 10																					
·75																																

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INDIA WEATHER REVIEW, 1938

Monthly Weather Report

November

Published by authority of the Government of India

Summary.—Despite three cyclonic storms—two in the Bay and one in the Arabian Sea, an active northeast monsoon in the south of the Peninsula for half the month and the passage of 6 western disturbances across northern India, the month's rainfall over the country as a whole was in large defect, Assam, Bengal, the Konkan and the north Madras coast being the only divisions with excesses. A marked cold wave affected northwest India during the last week.

A trough of low pressure appeared over the Bay of Bengal between Ceylon and Tenasserim on the 4th, and developed into a cyclonic storm with centre near Lat. 11½°N. Long. 88½°E. on the morning of the 8th. In the course of the next 24 hours it became severe and moved initially in a northerly direction. It then weakened into a depression while approaching the coast near Chittagong on the 12th and filled up by the following day after causing fairly widespread rain in Bengal and Assam. Meanwhile a trough of low pressure had appeared also over the Arabian Sea off the Malabar-Kanara coast on the 6th. The eastern extremity of this trough deepened into a storm of small extent, with centre near Lat. 16°N. Long. 72°E. on the morning of the 7th. After intensifying further into a severe cyclonic storm, with a ring of hurricane winds, it weakened and finally filled up by the 9th, causing nearly general rain in and near the Konkan.

Conditions became unsettled again over the south Andaman Sea on the 20th and a cyclonic storm formed with centre near Lat. 11°N. Long. 85°E. on the morning of the 23rd. Moving in a northwesterly direction, the storm passed inland near Masulipatam on the 26th and filled up by the next day. Rainfall associated with it was widespread and locally heavy on the north Madras coast, where, according to press reports, many casualties and considerable damage to property occurred.

The northeast monsoon was active in the south of the Peninsula during the first week and on many days in the second fortnight; during the rest of the month it was generally weak.

Six western disturbances affected the weather over northwest India as set out below:—

Western disturbances.			Precipitation.			Remarks.
No.	Period.	Course.	Region.	Nature of precipitation.	Period.	
1	1st to 3rd ...	Extreme north ...	Northwest Frontier Province and Punjab Hills.	A few light showers...	2nd.	
2	12th to 14th.	Northwest frontier and extreme north.	Extreme north ...	Scattered light rain...	13th.	
3	16th to 19th.	Baluchistan, Rajputana, western Himalayas.	(1) Extreme north ...	A few light falls of rain.	16th.	
			(2) In and near United Provinces hills.	A few thunderstorms.	17th.	
			(3) Hills of Punjab and United Provinces.	Local thunder-showers.	18th.	
4	19th to 22nd.	Baluchistan, extreme north.	(1) Baluchistan ...	A few falls of rain ...	19th, 20th.	
			(2) Along and near western Himalayas.	Local rain or snow ...	20th, 21st.	
5	24th to 25th.	Extreme north ...	...	No precipitation ...	...	A feeble disturbance.
6	27th to 29th.	Baluchistan, Sind, Punjab, Kashmir.	Extreme north ...	A few falls of rain or snow.	27th, 28th.	

Low night temperatures prevailed in and around Orissa from the 1st to the 8th, and in east Rajputana, Gujarat, Central India, and Berar from the 9th to the 11th. A marked cold wave appeared over the northwest frontier on the 27th and extended gradually over the whole of northwest India by the 30th.

The total rainfall of the month was in large excess in Assam and the Konkan, in slight to moderate excess in the Bay Islands, Bengal and the north Madras coast, in slight to moderate defect in Kashmir, the east Central Provinces and Malabar and in large defect elsewhere. Averaged over the plains of India, the month's rainfall was in defect by 52 per cent.

The mean maximum temperature was above normal in east Central India and below normal in the Bay Islands, Assam, Kashmir, Baluchistan, east Rajputana and Berar. The mean minimum temperature was below normal in the west United Provinces, the Punjab, Gujarat, Central India and the north Madras coast.

The mean relative humidity was in defect in Chota Nagpur, Bihar, the west United Provinces, the Punjab, Kashmir, Sind, Rajputana, Gujarat, Central India, the Deccan and southeast Madras.

The mean cloud amount was above normal in northeast India outside Bihar and in the north Madras coast, and below normal in the east United Provinces, the Punjab, the North-West Frontier Province, Baluchistan, Rajputana, Central India, Berar, the west Central Provinces and the Bombay Deccan.

Table I contains the divisional and sub-divisional means of rainfall, temperature, humidity and cloud for the 16 chief political divisions and the 33 sub-divisions; these means are based on the observations at the stations whose monthly mean data are given in the subsequent tables.

POONA No. 5:
The 31st January 1939.

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

	RAINFALL.				DEPARTURE FROM NORMAL OF				
							8 hrs. L. M. T.		
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Vapour pressure.	Relative humidity.	Cloud.
1	2	3	4	5	6	7	8	9	10
Division	"	"	"		°	°	"	%	
Burma ...	3·51	3·13	+0·38	+ 12	−1·3	− 0·7	−·039	− 1	+0·8
Assam ...	2·16	0·90	+1·26	+140	−2·7	− 1·3	−·033	0	+0·9
Bengal ...	1·14	0·92	+0·22	+ 24	−0·8	− 0·7	−·043	− 2	+1·2
Orissa ...	0·54	2·13	−1·59	− 75	−0·5	− 1·8	−·059	− 4	+1·8
Bihar ...	0·05	0·35	−0·30	− 86	+0·8	− 1·8	−·053	− 7	+0·2
United Provinces.	0·01	0·24	−0·23	− 96	+0·5	− 2·1	−·066	− 6	−0·2
Punjab ...	0	0·12	−0·12	−100	−0·7	− 2·2	−·064	−10	−0·6
North-West Frontier Province.	0·03	0·22	−0·19	− 86	−0·9	− 1·8	−·033	− 5	−0·6
Sub-division									
Bay Islands ...	12·45	10·42	+2·03	+ 19	−2·6	− 0·8	−·037	− 2	+0·2
Lower Burma ...	3·89	3·86	+0·03	+ 1	−0·7	+ 0·2	−·037	− 3	+1·6
Upper Burma ...	2·80	1·81	+0·99	+ 55	−2·1	− 1·9	−·041	+ 1	−0·2
Assam ...	2·16	0·90	+1·26	+140	−2·7	− 1·3	−·033	0	+0·9
Bengal ...	1·14	0·92	+0·22	+ 24	−0·8	− 0·7	−·043	− 2	+1·2
Orissa ...	0·54	2·13	−1·59	− 75	−0·5	− 1·8	−·059	− 4	+1·8
Chota Nagpur ...	0·05	0·45	−0·40	− 89	−0·4	− 1·7	−·051	− 7	+0·6
Bihar ...	0·05	0·31	−0·26	− 84	+1·7	− 1·8	−·055	− 7	0
United Provinces, East.	0	0·28	−0·28	−100	+0·9	− 1·0	−·056	− 2	−0·2
Do. do. West.	0·01	0·21	−0·20	− 95	+0·2	− 3·2	−·076	−10	−0·1
Punjab, East and North.	0	0·14	−0·14	−100	−0·3	− 2·3	−·058	−10	−0·5
Do. Southwest.	0	0·10	−0·10	−100	−1·3	− 2·0	−·072	−11	−0·7
Kashmir ...	0·31	0·39	−0·08	− 21	−3·2	0	−·030	− 6	−0·1
North-West Frontier Province.	0·03	0·22	−0·19	− 86	−0·9	− 1·8	−·033	− 5	−0·6
Baluchistan ...	0·07	0·22	−0·15	− 68	−3·6	− 1·3	−·043	− 3	−1·0
Sind ...	0	0·05	−0·05	−100	−1·3	− 1·0	−·036	−10	−0·1
Rajputana, West.	0	0·11	−0·11	−100	−1·7	− 0·9	−·089	−12	−0·6

	RAINFALL.				DEPARTURE FROM NORMAL OF				
							8 hrs. L. M. T.		
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Vapour pressure.	Relative humidity.	Cloud.
1	2	3	4	5	6	7	8	9	10
Division—*contd.*	"	"	"		°	°	"	%	
9. Sind ...	0	0·05	−0·05	−100	−1·3	−1·0	−·096	−10	−0·1
10. Rajputana ...	0	0·12	−0·12	−100	−2·2	−0·9	−·077	−15	−0·6
11. Bombay ...	0·37	0·56	−0·19	− 34	−0·7	−2·1	−·086	− 9	−0·3
12. Central India ...	0	0·33	−·033	−100	+0·6	−3·0	−·075	−12	−0·5
13. Central Provinces and Berar.	0·15	0·58	−0·43	− 74	−0·3	−0·6	−·033	− 4	−0·3
14. Hyderabad ...	0·01	0·89	−0·88	− 99	−0·5	−1·1	−·095	− 9	−0·3
15. Mysore ...	0·74	2·79	−2·05	− 73	+0·9	−0·7	−·057	− 5	−0·7
16. Madras ...	3·19	6·64	−3·45	− 52	+0·4	−0·8	−·080	− 7	+0·3
Mean of India (excluding Burma).	0·58	1·20	−0·62	− 52	−0·5	−1·5	−·066	− 8	0
Sub-division—*contd.*									
18. Rajputana, East.	0	0·13	− 0·13	−100	−2·5	−0·9	−·071	−17	−0·7
19. Gujarat ...	0	0·13	− 0·13	−100	−0·9	−2·6	−·111	−11	−0·1
20. Central India, West	0·01	0·31	− 0·30	− 97	−1·5	−2·7	−·094	−13	−0·5
21. Do. do. East.	0	0·36	− 0·36	−100	+2·7	−3·3	−·057	−11	−0·7
22. Berar ...	0	0·51	− 0·51	−100	−2·3	−0·9	−·035	− 2	−1·1
23. Central Provinces, West.	0	0·58	− 0·58	−100	+0·2	−0·2	−·041	− 5	−0·4
24. Do. do. East.	0·45	0·60	− 0·15	− 25	0	−1·0	−·020	− 3	+0·2
25. Konkan ...	1·97	1·09	+ 0·88	+ 81	−1·5	−1·3	−·043	− 3	−0·5
26. Bombay Deccan...	0·13	1·03	− 0·90	− 87	−0·1	−1·7	−·071	− 8	−0·5
27. Hyderabad, North	0·01	0·81	− 0·80	− 99	−0·7	−0·3	−·072	− 8	−0·1
28. Do. South	0	0·97	− 0·97	−100	−0·3	−1·8	−·112	−10	−0·5
29. Mysore ...	0·74	2·79	− 2·05	− 73	+0·9	−0·7	−·057	− 5	−0·7
30. Malabar ...	3·23	5·41	− 2·18	− 40	+0·3	−0·5	−·046	− 4	−0·5
31. Madras, Southeast	2·09	9·13	− 7·04	− 77	+1·0	−0·1	−·091	− 8	+0·3
32. Do. Deccan...	0·05	2·42	− 2·37	− 98	−0·1	−1·2	−·101	−12	+0·1
33. Do. Coast, North	7·86	6·00	+ 1·86	+ 31	−0·5	−2·3	−·077	− 5	+1·2

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Relat humi %	
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Bay Islands																					
*Port Blair ...	59/261	29·795	−·024	29·532	84·0	− 2·6	87	5	76·3	−0·8	74	5 days	80·1	78·4	75·9	74·4	·842	−·037	·784	82	−
Lower Burma																					
Victoria Point ...	157	29·739	+·014	29·670	83·2	− 1·9	87	8, 10, 11	73·6	−0·9	70	25, 26, 28	76·8	78·0	73·1	73·9	·763	−·035	·784	83	+
Mergui ...	66	29·833	−·001	29·755	86·9	− 0·2	91	5, 8, 10	74·2	+3·3	68	26	76·9	79·7	72·2	73·7	·723	−·058	·757	79	−
Tavoy ...	19	29·879	−·016	29·808	88·7	+ 0·8	93	1, 2	70·9	+0·8	66	26, 27	77·0	78·9	72·1	73·8	·716	−·049	·770	78	−
Amherst ...	71	29·836	−·021	29·755	87·9		92	4	72·4		66	26, 27	77·3	81·2	72·2	74·3	·716		·743	77	
Rangoon ...	18	29·883	−·025	29·808	88·6	+ 1·1	93	1, 2	73·6	+0·9	70	24	76·7	80·6	73·4	75·0	·763	−·017	·792	85	−
Tharrawaddy ...	49	29·868		29·787	88·1		93	2	69·3		65	20	74·5	79·2	72·3	75·5	·756		·819	90	
Bassein ...	20	29·893	−·008	29·815	85·9	− 0·2	90	2	71·3	−0·6	65	17	77·2	80·4	72·9	74·8	·750	−·035	·792	80	−
Diamond Island ...	41	29·845	−·022	29·779	83·7	− 1·8	87	1, 2	76·3	+0·5	73	13	78·7	80·0	74·8	75·4	·812	−·013	·806	82	+
Gwa ...	11	29·889		29·805	85·0		91	8	68·9		62	17, 18	76·1	81·9	72·3	74·8	·730		·772	83	
Sandoway ...	28	29·882		29·809	88·6		94	7, 8	67·0		59	17	75·5	78·1	71·8	74·8	·736		·819	83	
†Toungoo ...	158																				
Kyaukpyu ...	18	29·883	−·012	29·809	82·0	− 2·4	87	8, 9	72·8	−0·5	66	17	77·1	79·4	72·7	73·6	·750	−·056	·757	80	−
Akyab ...	29	29·897	−·003	29·820	83·8	− 0·9	89	8, 9	69·0	−1·9	64	17, 20	73·5	77·3	70·7	72·6	·717	−·030	·750	87	−
Upper Burma																					
Minbu ...	168	29·786	−·004	29·681	83·5	− 3·2	87	6 days	67·9	−1·0	63	15	72·5	78·8	69·1	75·5	·660	−·013	·819	83	+
†Yamethin ...	644																				
Mandalay ...	252	29·700	−·003	29·610	82·9	− 1·6	87	2, 3	64·7	−1·4	60	13	70·0	76·0	68·3	71·1	·664	−·013	·690	91	+
Monywa ...	267	29·709	+·004	29·614	84·7	− 1·2	90	1, 2	65·7	−2·2	62	20	69·4	77·2	66·9	70·7	·627	−·059	·670	87	+
Lashio ...	2,802	27·175	+·006	27·090	75·7	− 1·5	83	7	54·6	−1·4	49	22, 23	58·9	65·9	58·0	62·6	·469	−·040	·531	95	+
Bhamo ...	386	29·583	−·008	29·493	77·8	− 3·4	82	1	57·1	−2·9	51	24	63·8	69·8	61·8	66·4	·528	−·055	·598	89	−
Myitkyina ...	476	29·509	+·006	29·414	79·0	− 1·4	85	1	58·1	−2·7	52	24	64·2	69·9	61·2	65·9	·496	−·067	·584	84	−
Assam																					
Dibrugarh ...	348	29·652	+·005	29·559	78·5	− 1·0	84	1	57·0	−3·3	49	28	62·2	68·0	60·4	64·1	·490	−·056	·542	90	
Sibsagar ...	317	29·675	−·003	29·571	77·5	− 0·2	83	1	57·8	−1·8	51	28	62·3	69·4	61·7	66·4	·548	−·027	·598	96	
Tezpur ...	258	29·743	−·003	29·632	78·7	− 1·8	83	7 days	58·9	−2·5	53	27, 28, 29	63·5	71·9	60·9	67·5	·502	−·055	·600	86	−
Gauhati ...	182	29·807	−·005	29·708	77·9	− 3·6	83	6 days	60·0	−1·0	55	4 days	64·5	71·4	63·3	66·8	·561	−·042	·600	93	+
Dhubri ...	115	29·878	+·005	29·779	76·3	− 3·5	81	1	63·0	−0·7	57	27, 28, 29	66·2	72·3	63·7	66·8	·562	−·038	·587	86	
Silchar ...	96	29·873	−·003	29·783	82·7	− 2·3	91	7, 8	63·3	−0·2	58	18	67·3	74·3	65·1	69·3	·590	−·037	·640	88	+
Srimangal ...	69	29·885	−·011	29·804	81·3	− 5·3	89	7, 8	60·1	+0·7	53	30	69·1	72·4	67·0	70·0	·634	+·024	·698	89	−
Bengal																					
Cox's Bazar ...	38	29·686	−·003	29·813	82·4	− 2·0	88	9	65·9	−1·5	59	17	72·4	76·4	69·0	70·0	·660	−·055	·645	84	−
Chittagong ...	87	29·857	−·003	29·781	82·8	− 0·4	91	9	64·8	−0·8	59	18, 19	70·8	75·0	67·4	69·4	·614	−·060	·634	83	−
Noakhali ...	22	29·919	−·012	29·835	81·7	− 1·3	87	7, 8, 9	67·1	+0·6	60	30	71·5	76·1	67·9	69·2	·637	−·033	·613	84	−
Comilla ...	37	29·901	−·022	29·823	83·6	− 0·1	93	7, 8	64·1	+0·2	56	30	70·1	74·9	67·1	69·7	·620	−·039	·665	85	
Brahmanbaria ...	32	29·911		29·843	81·3	− 4·4	89	8	65·4	+1·3	58	30	72·0	75·5	67·6	69·7	·623	−·038	·651	79	+
Narayanganj ...	26	29·918	−·020	29·834	82·8	− 0·7	91	9	65·5	−0·6	57	30	71·2	75·7	67·2	68·7	·607	−·041	·613	80	−
Mymensingh ...	62	29·905	0	29·821	81·9	− 0·7	88	8	63·1	−1·6	55	30	68·0	76·1	65·7	69·5	·605	−·036	·625	88	+
Faridpur ...	27	29·928	−·020	29·845	81·1	− 0·7	89	9	63·6	−0·3	54	30	70·0	73·5	67·1	68·2	·620	−·032	·610	85	−
Barisal ...	11	29·930	−·004	29·856	82·2	− 0·7	90	9	65·7	+0·4	59	30	71·2	76·0	67·7	69·0	·637	−·039	·613	83	
Khulna ...	16	29·946	+·004	29·868	81·1	− 2·0	86	8, 9	65·0	+0·5	57	30	71·9	74·9	67·3	68·4	·630	−·035	·596	78	+
Jessore ...	26	29·927	−·013	29·846	82·0		89	9	59·8		51	30	69·8	72·5	67·1	68·1	·627	+·002	·623	87	+
Satkhira ...	16	29·937	−·014	29·856	83·1	− 2·0	89	9	62·1	−0·4	54	30	71·2	75·7	67·1	68·9	·607	−·041	·613	80	−
Calcutta ...	21	29·940	−·003	29·860	83·8	0	88	5 days	63·9	+0·3	57	30	69·2	76·0	65·7	67·5	·591	−·013	·546	83	+
Saugor Island ...	10	29·947	−·002	29·862	80·7	− 1·4	85	1, 2	67·5	+0·4	61	21	72·4	75·4	68·2	68·6	·630	−·053	·613	79	−
Sandheads ...	28	29·929	+·007	29·859									77·8	78·6	69·9	69·7	·624	−·060	·611	67	−
Midnapore ...	149	29·819	+·003	29·723	84·0	− 0·6	89	2, 16, 19	61·5	−2·0	56	30	68·5	77·1	63·3	68·1	·505	−·029	·563	73	+
Burdwan ...	99	29·876	+·002	29·781	84·2	+ 0·6	89	17	63·0	−1·3	57	21, 30	68·2	76·0	63·1	68·4	·508	−·048	·583	74	−
Krishnagar ...	48	29·917	−·014	29·828	84·9	+ 1·3	90	9	61·0	−1·6	52	30	70·4	75·2	65·5	68·1	·549	−·047	·590	76	−
Asansol ...	414	29·543	−·003	29·449	84·9	+ 2·3	88	2, 11	59·6	−0·8	54	22, 30	66·3	79·8	59·5	64·4	·406	−·106	·388	65	−12
Berhampore ...	62	29·899	−·016	29·807	83·3	+ 1·2	88	17, 18, 19	61·9	−2·4	53	30	68·1	77·1	63·8	67·7	·535	−·055	·556	77	−
Bogra ...	63	29·910	+·004	29·818	80·8	− 1·5	85	7, 8, 10	61·3	−1·5	52	30	67·3	75·4	64·5	68·0	·576	−·024	·583	85	+
Malda ...	108	29·873	+·006	29·782	81·9	− 0·3	87	8	60·9	−0·1	52	30	68·9	74·7	64·3	67·4	·535	−·047	·560	77	−
Dinajpur ...	123	29·841	−·014	29·748	82·0	− 0·4	85	4 days	59·9	−0·9	51	30	66·1	75·5	62·3	68·0	·502	−·069	·583	80	−
Jalpaiguri ...	271	29·709	−·001	29·611	80·7	− 1·1	85	7, 9	58·7	−2·2	51	27	64·8	72·7	61·3	65·9	·489	−·065	·544	81	−
Addenda for Oct.																					
Minbu ...	168	29·665	−·036	29·561	87·7	− 2·4	94	15	74·6	−0·5	72	4 days	78·9	82·8	75·5	76·9	·819	−·024	·845	85	+

*8 hrs. observations at surface observatory (old site), height 59 feet; 17 hrs. observations at combined observatory (new site), height 261 feet. † Register not received.

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																	STATION.
											8 hrs. L. M. T.									17 hrs. I. S. T									
8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
0·9	+ 0·2	8·2	12·45	+ 2·94	1·90	17	15	+ 2·8	7·7	+ 2·7	2	8	6	4	2	1	2	0	5	0	9	10	4	3	2	0	1	1	**Bay Islands**
																													*Port Blair
5·0	+ 2·1	8·5	3·86	− 2·50	0·77	20	9	− 1·8	4·7	− 0·1	0	22	6	0	0	0	0	0	2	1	10	8	2	0	0	0	2	7	**Lower Burma** Victoria Point
6·6	+ 2·0	7·0	4·87	+ 1·16	1·10	1	6	0	4·6	+ 3·1	1	10	7	8	0	0	0	0	4	6	8	3	7	0	1	0	3	2	Mergui
6·0	+ 1·7	4·9	4·33	+ 2·03	2·20	3	6	+ 2·1	2·4	+ 1·3	0	2	1	0	0	0	0	0	27	1	1	1	0	0	1	0	0	26	Tavoy
6·7		7·2	1·16	− 1·55	0·85	8	2	− 0·7	4·5		0	9	11	3	1	0	0	0	6	3	4	5	2	1	3	5	4	3	Amherst
3·3	− 1·2	4·1	9·90	+ 7·11	4·12	14	7	+ 3·7	2·0	− 0·7	9	12	3	2	2	0	0	0	2	3	2	2	6	6	1	1	0	9	Rangoon
7·4		7·8	2·26	+ 0·25	1·29	12	4	+ 0·7	2·2		21	0	0	4	0	0	0	2	3	3	0	0	4	0	0	0	1	22	Tharrawaddy
5·9	+ 2·4	4·9	4·21	+ 0·97	2·84	12	4	− 0·2	4·0	+ 1·0	3	13	3	0	1	0	0	3	7	1	2	0	3	0	0	0	2	22	Bassein
7·0	+ 3·1	8·8	5·44	+ 0·01	1·52	11	7	+ 1·5	11·3		6	12	6	3	1	1	0	1	0	3	4	8	4	0	1	0	9	1	Diamond Island
8·1		5·0	2·59	+ 0·77	1·56	12	3	+ 0·4	2·6		0	0	2	7	3	0	0	6	18	0	1	4	2	0	0	3	19	1	Gwa
4·5		4·9	2·80		1·78	12	2		1·0		0	1	1	0	0	0	0	0	28	0	0	1	0	0	0	0	0	29	Sandoway
																													†Toungoo
5·8	+ 1·6	7·2	2·16	− 4·41	1·94	12	2	− 2·3	4·1	+ 2·5	1	18	1	5	1	0	0	0	4	3	1	0	2	1	0	2	16	5	Kyaukpyu
4·8	+ 1·1	4·7	2·04	− 3·44	1·76	12	3	− 0·7	7·4		16	11	1	1	0	0	0	1	0	2	1	1	0	0	2	19	5	0	Akyab
4·5	+ 0·7	2·6	3·92	+ 2·10	3·25	12	3	+ 0·5	4·7	+ 1·0	0	0	0	1	1	0	0	28	0	0	0	0	2	0	0	0	25	3	**Upper Burma** Minbu
																													†Yamethin
4·0	+ 0·8	3·2	4·00	+ 2·00	2·99	14	3	0	1·4	− 1·0	5	0	0	0	1	0	0	1	23	1	2	0	0	0	0	1	2	24	Mandalay
4·0	− 1·0	2·7	2·59	+ 0·97	1·55	12	3	+ 0·9	2·5	+ 1·1	15	2	0	0	0	0	1	10	2	7	0	0	0	0	0	0	2	21	Monywa
3·8	+ 0·4	3·2	2·51	− 0·24	1·71	13	3	− 1·9	1·0	− 0·5	0	1	0	0	0	0	0	0	29	0	0	0	0	1	7	2	0	20	Lashio
4·3	− 0·1	2·2	0·72	− 0·78	0·38	13	2	− 0·7	1·9	+ 1·0	12	8	1	1	1	0	0	0	7	5	8	0	0	0	0	0	0	17	Bhamo
2·3	− 1·9	2·5	3·07	+ 1·90	1·42	13	5	+ 3·0	3·2	+ 1·7	13	11	3	0	1	0	1	1	0	0	1	0	0	0	2	0	12	20	Myitkyina
																													Assam
4·3	+ 1·5	4·3	3·44	+ 2·34	1·45	15	3	+ 0·7	1·0	+ 0·6	1	4	13	0	0	0	0	0	12	0	0	1	0	0	0	0	0	29	Dibrugarh
5·1	+ 2·2	3·7	3·81	+ 2·71	1·52	12	4	+ 1·9	2·5	+ 1·4	7	6	3	5	2	2	0	4	1	10	5	3	0	0	0	1	5	6	Sibsagar
2·6	0	1·9	1·28	+ 0·54	0·86	12	2	+ 0·6	1·5	− 0·1	1	13	12	0	0	0	0	0	4	0	6	5	0	1	0	0	0	18	Tezpur
4·6	− 0·5	5·1	1·09	+ 0·65	0·89	12	2	+ 1·0	2·1	+ 1·1	2	6	0	1	6	1	0	2	6	0	4	3	0	0	0	0	0	23	Gauhati
3·3	+ 1·4	3·0	0	− 0·30	0		0	− 0·5	4·7	+ 0·7	2	17	10	0	0	0	0	0	1	2	9	7	1	1	1	0	0	9	Dhubri
4·1	+ 0·8	3·9	1·70	+ 0·30	0·99	12	5	+ 3·2	1·2	+ 0·2	2	3	10	7	0	0	0	1	7	2	2	2	0	0	1	2	1	20	Silchar
3·2	+ 0·9	3·2	2·88	+ 1·97	2·56	12	3	+ 1·9	1·4		2	6	4	1	3	4	0	3	7	2	2	1	2	2	0	0	0	21	Srimangal
																													Bengal
3·9	+ 0·8	3·9	1·74	− 2·04	1·26	12	3	− 0·3	2·6	+ 1·4	3	8	2	1	0	0	0	6	10	2	1	1	0	0	0	3	16	7	Cox's Bazar
									[b]																				
3·4	+ 0·3	3·9	4·44	+ 2·57	2·31	11	3	+ 1·2	3·5		11	12	2	1	1	0	0	3	0	6	2	0	0	0	2	7	13	0	Chittagong
3·7	+ 1·9	4·1	5·85	+ 4·11	4·46	12	3	+ 1·2	3·4	+ 2·2	11	6	4	1	0	0	1	7	0	7	3	2	2	1	0	6	9	0	Noakhali
4·1	+ 2·8	4·8	3·83	+ 2·80	3·46	12	2	+ 0·6	1·2		1	1	1	1	3	2	0	1	20	0	1	1	0	0	0	0	1	27	Comilla
3·5		3·0	2·11	+ 1·41	1·85	12	2	+ 0·9	1·8		6	4	1	5	3	4	0	2	5	5	2	0	1	0	1	0	5	16	Brahmanbaria
3·3	+ 1·3	3·2	2·10	+ 1·12	0·77	10	3	+ 1·9	1·3	0	2	4	4	0	1	2	2	9	6	0	0	4	0	0	1	5	2	18	Narayanganj
3·4	+ 1·1	3·1	0·28	− 0·60	0·26	12	1	+ 0·1	1·5	+ 0·9	2	2	3	1	1	0	2	1	18	0	1	0	2	1	1	2	1	22	Mymensingh
3·1	+ 1·6	3·7	0·41	− 0·69	0·17	10	2	+ 0·7	1·6		3	2	2	0	0	0	1	7	15	0	2	0	0	1	0	0	1	26	Faridpur
3·5	+ 1·5	3·6	3·55	+ 2·07	2·79	12	3	+ 1·4	2·7	+ 1·7	8	2	1	0	0	1	1	10	7	1	3	1	0	0	0	0	2	23	Barisal
3·4	+ 1·4	3·5	1·06	− 0·01	0·68	12	2	+ 0·6	2·5		8	9	2	0	0	2	2	5	2	6	4	0	1	0	0	0	2	17	Khulna
2·4	+ 0·5	2·2	1·83	+ 0·81	1·39	10	2	+ 0·9	1·5	+ 0·5	4	4	0	0	1	1	1	5	14	1	2	0	0	0	0	0	3	27	Jessore
3·1	+ 0·9	3·3	1·49	+ 0·84	0·98	10	2	+ 1·1	1·4		6	5	0	0	0	0	3	4	12	0	1	1	0	0	0	0	0	28	Satkhira
3·1	+ 1·1	3·7	0·11	− 0·55	0·04	10	0	− 1·0	1·5	− 0·4	7	1	1	0	0	1	1	1	18	3	2	1	0	0	0	0	2	22	Calcutta
3·4	+ 1·4	4·9	0·20	− 1·27	0·09	12	0	− 1·4	9·7	+ 4·6	14	9	1	0	0	0	1	5	0	7	10	1	0	5	4	0	2	1	Saugor Island
3·3	− 0·4	4·1	1·29	− 0·97	0·84	10	3	+ 0·8			10	10	1	0	0	2	3	1	3	13	4	1	0	1	2	2	0	7	Sandheads
3·0	+ 1·2	3·2	1·15	+ 0·27	1·14	10	1	− 0·1	1·5	+ 0·2	12	1	2	0	0	0	0	1	14	1	2	2	0	0	0	0	0	25	Midnapore
3·0	+ 0·9	3·2	0·98	+ 0·12	0·98	10	1	0	1·7		9	0	1	0	0	0	1	10	9	3	0	3	0	0	0	0	2	22	Burdwan
2·9	+ 1·0	3·7	1·69	+ 0·71	1·69	10	1	− 0·2	1·5		9	2	0	1	1	1	2	6	8	0	1	1	0	0	1	0	0	27	Krishnagar
3·9	+ 0·7	3·3	0	− 0·69	0		0	− 1·2	3·4		7	0	0	0	1	0	5	13	4	10	4	1	0	0	0	3	8	4	Asansol
3·9	+ 0·9	3·3	0	− 0·62	0		0	− 0·7	1·4	+ 0·4	6	3	1	1	1	1	0	6	11	2	1	2	0	0	0	0	0	25	Berhampore
3·1	+ 1·7	2·9	0	− 0·74	0		0	− 0·7	2·1	+ 1·3	9	11	2	2	0	2	1	2	1	4	2	1	1	0	0	2	0	20	Bogra
2·3	+ 1·0	1·6	0	− 0·35	0		0	− 0·7	2·7		12	5	1	1	2	2	3	2	2	5	2	2	0	0	0	3	6	12	Malda
2·6	+ 0·6	1·7	0·04	− 0·18	0·03	11	0	− 0·4	1·7	+ 0·4	0	18	0	0	0	1	2	0	9	0	5	0	0	1	1	1	0	22	Dinajpur
3·3	+ 1·2	2·0	0	− 0·20	0		0	− 0·4	1·8	+ 0·9	12	12	2	1	0	0	0	1	2	0	1	3	1	0	0	0	1	24	Jalpaiguri
																													Addenda for Oct.
	+ 1·6	5·2	8·50	+ 3·99	2·80	3	13	+ 6·7	3·2	− 0·1	1	0	0	14	5	1	1	8	1	1	1	0	6	7	1	5	6	4	Minbu

b—Mean of 29 days.

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Relative humidity %	
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Orissa																					
Balasore ...	65	29·906	−·001	29·819	83·2	− 0·9	88	19	63·2	+0·1	57	22	69·9	75·1	63·8	67·9	·515	−·053	·590	70	− 10
Chandbali ...	20	29·956	+·007	29·878	83·3	+ 0·2	89	14	63·5	−2·3	58	22	69·2	75·8	65·5	68·5	·569		·607	81	− 2
Puri ...	20	29·946	+·007	29·864	83·8	− 1·1	91	3	68·0	−1·2	63	22	71·7	78·3	65·8	69·2	·558	−·094	·586	71	− 8
Gopalpur ...	56	29·904	+·001	29·819	83·8	+ 0·1	90	4 days	65·5	−1·8	61	15	72·3	78·3	65·3	68·7	·551	−·080	·580	72	− 7
Cuttack ...	87	29·890	+·011	29·805	84·8	− 0·1	91	1	62·8	−3·5	57	22	69·7	78·3	64·4	67·5	·522	−·068	·520	73	− 5
Angul ...	455	29·506	+·006	29·413	83·1	− 1·0	88	1, 3	61·0	−1·4	56	7, 15, 16	67·7	78·2	63·0	65·6	·515	−·047	·471	76	0
Sambalpur ...	486	29·491	−·003	29·389	83·3	− 0·5	89	2, 3	59·2	−2·6	53	7	67·0	77·4	62·9	66·6	·521	−·015	·513	78	+ 3
Chota Nagpur																					
Jamshedpur ...	423	29·555			84·9		89	2	58·7		51	22	66·3		60·4		·437			70	
Chaibasa ...	742	29·208	−·007	29·113	82·6	− 0·1	88	2, 3	58·5	−1·2	52	22, 23, 30	66·4	77·3	60·4	65·1	·437	−·077	·456	68	− 12
Ranchi ...	2,152	27·801	+·006	27·731	76·9	− 0·9	81	14, 19	55·4	−2·5	49	23	65·4	71·1	56·7	58·7	·359	−·044	·344	57	− 7
Hazaribagh ...	2,006	27·958	+·015	27·885	77·8	+ 0·2	81	6 days	54·6	−3·3	48	22	66·4	69·3	57·2	58·4	·345	−·050	·335	55	− 6
Daltonganj ...	725	29·258	+·001	29·156	82·2	− 0·8	87	1, 3	54·1	0	45	23	60·8	78·1	57·0	62·8	·411	−·034	·368	76	− 4
Bihar																					
Purnea ...	124	29·862	−·004	29·763	83·5	+ 1·6	87	7, 10	56·7	−2·3	49	30	64·7	74·4	61·6	67·4	·515	−·036	·567	84	− 5
Darbhanga ...	161	29·825	−·001	29·727	84·6		89	8, 10	56·8		48	29	66·1	75·7	61·8	67·7	·495		·576	78	
Motihari ...	220	29·761	−·012	29·670	82·9	+ 0·9	87	11	54·5	−1·7	47	29	65·3	74·8	61·1	65·9	·482	−·063	·518	77	− 10
Patna ...	173	29·821	+·001	29·728	83·6	+ 1·9	87	5 days	59·1	−1·9	52	22, 29	67·4	76·6	60·2	64·3	·424	−·077	·428	63	− 7
Gaya ...	372	29·514	−·002	29·514	86·1	+ 2·9	90	6 days	59·3	−0·5	52	22	68·6	78·9	60·6	66·8	·429	−·036	·500	60	− 10
Naya Dumka ...	489	29·463	−·018	29·370	83·3	+ 1·1	87	5 days	57·4	−2·6	51	30	65·8	74·4	60·2	63·8	·444	−·064	·455	71	− 2
Sabour ...	122	29·859		29·767	81·6		86	2	55·4		47	30	65·5	71·9	61·3	65·1	·482		·523	77	
United Provinces, East																					
Gonda ...	360	29·635		29·554	83·2		89	3	53·3		46	29	60·6	72·5	56·8	62·8	·411		·448	78	
Gorakhpur ...	257	29·783	+·010	29·641	83·0	+ 1·2	87	1, 3, 8	55·3	−1·2	49	29	64·5	74·7	59·2	64·5	·426	−·064	·482	71	− 5
Benares ...	250	29·735	−·004	29·647	84·0	+ 1·2	90	3	54·3	−1·2	49	22, 25	64·8	77·4	57·6	62·2	·388	−·075	·355	62	− 12
Allahabad ...	309	29·676	−·004	29·588	84·2	+ 0·8	90	2, 3, 16	54·1	−1·2	48	23	63·1	75·9	57·4	62·0	·391	−·037	·368	70	+ 2
Fatehpur ...	375	29·6·6		29·511	85·4		92	2	52·5		44	26	68·1	75·9	59·8	65·1	·404		·469	60	
Cawnpore ...	416	29·563	−·005	29·486	86·2	+ 2·4	92	6 days	55·1	+0·4	48	4 days	59·8	77·4	54·5	62·5	·359	−·038	·374	71	+ 4
Lucknow ...	371	29·606	−·008	29·521	83·3	+ 0·1	99	2, 3	52·1	−1·4	45	26, 28	61·1	72·9	55·4	63·5	·359	−·062	·448	69	− 1
Bahraich ...	407	29·563	−·003	29·484	82·8	− 0·3	87	5, 7, 11	54·8	−1·6	47	28, 29, 30	61·9	76·0	57·5	62·8	·405	−·059	·401	75	− 1
United Provinces, West																					
Jhansi ...	824	29·162	−·007	29·072	85·5	0	93	1, 2	52·5	−6·0	41	30	65·6	79·3	53·9	58·9	·264	−·091	·226	42	− 10
Agra ...	554	29·435	0	29·349	83·8	− 1·1	92	3	48·0	−0·3	38	26	60·8	79·3	50·2	58·1	·221	−·080	·202	43	− 13
Mainpuri ...	516	29·465	0	29·377	85·1	+ 0·8	91	4 days	50·3	−3·6	40	30	63·2	76·9	52·6	60·3	·263	−·096	·297	48	− 18
Aligarh ...	615	29·358		29·276	82·9		89	1, 3	51·6		42	28	60·9	77·1	50·6	58·2	·235		·229	43	
Bareilly ...	568	29·391	−·012	29·310	82·7	+ 1·3	88	4	51·5	−1·8	44	27	59·3	74·7	54·3	61·7	·351	−·056	·381	70	− 5
Roorkee ...	899	29·064	−·007	28·981	79·4	− 0·5	85	3	47·2	−2·6	40	30	56·6	73·8	50·8	57·8	·294	−·069	·269	64	− 13
Dehra Dun ...	2,239	27·717	−·005	27·657	76·2	+ 0·7	80	9	47·0	−4·8	37	30	52·6	69·7	48·0	57·0	·279	−·061	·310	79	− 1
Punjab, East and North																					
New Delhi ...	714	29·259	−·001	29·175	82·1		90	1	49·3		39	28	58·1	78·0	47·1	56·6	·177		·179	38	
Hansi ...	711	29·269			83·0		90	1, 2	47·8		37	29	58·2		49·0		·228			47	
Hissar ...	725	29·270	+·007	29·198	84·1	+ 0·4	91	1	47·6	−2·6	39	29, 30	57·0	75·2	49·1	59·1	·241	−·035	·286	53	− 5
Ambala ...	892	29·087	+·010	29·012	81·6	− 0·3	87	1	47·8	−2·1	40	27, 28	55·8	75·4	48·5	56·7	·248	−·092	·219	55	− 18
Ludhiana ...	812	29·165	+·003	29·092	83·0	+ 2·4	89	1	47·6	−4·1	39	27, 29	58·7	76·8	49·5	57·5	·228	−·085	·205	49	− 16
Lahore ...	702	29·272	−·005	29·203	81·0	− 2·4	87	3, 11	46·6	−0·2	40	24, 25, 30	56·7	74·6	51·9	60·9	·321	+·007	·356	71	+ 11
Sialkot ...	830	29·138	−·010	29·058	79·8	− 1·0	89	8	49·2	−0·4	40	26, 30	56·5	72·6	49·2	57·8	·248	−·089	·282	56	− 19
Rawalpindi ...	1,674	28·293	−·012	28·222	76·8	− 0·7	83	9	40·1	−4·1	31	30	51·3	71·1	44·1	53·5	·202	−·055	·156	53	− 12
Punjab, Southwest																					
Khushab ...	612	29·374	−·015	29·294	81·6	− 1·3	88	4	47·6	−2·6	36	30	55·8	78·1	47·5	59·6	·210	−·045	·270	49	− 2
Lyallpur ...	605	29·373	−·011	29·310	81·0	− 0·3	87	4 days	47·8	−0·7	41	30	59·8	75·6	50·4	58·8	·234	−·082	·273	48	− 20
Montgomery ...	558	29·433	0	29·363	80·9	− 3·0	87	4 days	49·1	−2·6	41	30	58·2	77·6	51·3	64·8	·281	−·028	·442	60	+ 1
Multan ...	413	29·583	0	29·505	82·0	− 0·8	90	9	48·3	−2·2	41	30	58·7	79·0	49·6	60·4	·241	−·134	·270	48	− 21
Fort Abbas ...	475	29·526		29·439	84·3		92	1, 3	47·9		37	30	62·1	80·4	50·1	59·5	·201		·219	38	
Bahawalpur ...	384	29·626		29·540	83·3		91	5, 9, 16	47·0		38	29	59·0	75·0	50·7	61·0	·254		·349	51	
Khanpur ...	297	29·708		29·628	84·2		91	6, 8, 9	47·5		35	29	59·0	80·7	49·6	59·8	·234		·237	47	

Cloud amount (tenths of sky).		Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																	STATION.
										8 hrs. L. M. T.										17 hrs. I. S. T.									
Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																												Orissa
+ 2·0	5·1	0·09	− 1·25	0·07	26	0	− 1·3	2·7	+ 1·4	14	6	1	0	0	2	0	7	0	2	1	0	1	6	1	0	0	19	Balasore
	4·8	0·15	− 2·23	0·05	10	0	− 1·8	3·6		12	0	0	0	1	0	7	10	0	4	6	6	9	1	0	0	1	3	Chandbali
+ 1·4	4·6	0·48	− 3·24	0·24	24	3	+ 0·6	7·3	+ 1·8	25	4	0	1	0	0	0	0	0	6	6	3	4	8	2	0	0	1	Puri
+ 2·8	5·8	2·12	− 1·90	0·93	25	4	+ 1·0	7·5	+ 1·3	9	0	0	0	0	0	1	20	0	9	4	9	3	2	0	0	3	0	Gopalpur
+ 1·4	5·4	0·10	− 1·43	0·04	12, 24	0	− 1·7	2·8	+ 1·7	1	4	2	1	0	2	6	3	11	1	3	2	0	0	0	0	0	24	Cuttack
+ 2·4	5·9	0·32	− 0·79	0·15	26	1	− 0·2	3·7	+ 0·7	3	2	0	0	1	0	8	11	5	9	1	2	2	1	1	2	8	4	Angul
+ 0·9	3·6	0·49	− 0·34	0·21	27	2	+ 1·0	2·1	− 0·2	7	11	0	0	0	0	0	2	10	3	1	2	0	0	0	1	1	22	Sambalpur
																												Chota Nagpur
		0		0		0		2·6		0	1	2	1	0	1	10	6	9										Jamshedpur
+ 1·9	6·1	0·04	− 0·66	0·04	12	0	− 1·0	1·9	+ 1·0	1	2	0	3	3	7	8	2	4	0	6	0	0	1	1	1	0	21	Chaibasa
+ 0·4	2·7	0·16	− 0·22	0·16	12	1	+ 0·2	3·0	0	12	2	0	0	1	2	2	9	2	12	4	1	0	0	0	0	8	5	Ranchi
− 0·2	2·5	0	− 0·37	0		0	− 0·9	4·9	+ 1·5	8	4	2	0	0	3	2	7	4	13	3	0	0	0	0	0	14	0	Hazaribagh
+ 0·2	2·5	0·01	− 0·36	0·01	19	0	− 0·6	1·5	+ 0·2	0	0	2	2	7	0	1	0	18	7	2	3	0	0	0	5	4	9	Daltonganj
																												Bihar
+ 0·3	1·0	0	− 0·21	0		0	− 0·4	1·3	+ 0·3	3	5	2	1	0	1	1	1	16	0	0	0	0	0	0	0	0	30	Purnea
0	0·7	0		0		0		0·2	− 0·7	0	0	6	0	0	0	0	0	24	0	0	0	0	0	0	0	0	30	Darbhanga
− 0·6	0·3	0	− 0·20	0		0	− 0·2	1·1		1	1	4	7	0	0	4	1	12	0	1	0	0	0	1	5	0	23	Motihari
0	0·6	0	− 0·28	0		0	− 0·4	2·5	+ 1·1	6	4	0	0	1	15	3	4	3	0	6	0	0	0	1	5	8	10	Patna
− 0·2	1·4	0	− 0·45	0		0	− 0·6	2·3	+ 0·7	1	0	1	12	3	2	8	3	0	6	3	1	0	0	1	6	13	0	Gaya
+ 0·5	2·1	0·05	− 0·36	0·05	12	0	− 0·7	1·7	+ 0·9	2	3	0	0	1	0	1	18	5	0	3	0	1	0	1	0	6	19	Naya Dumka
	1·8	0·05	− 0·28	0·05	11	0	− 0·5	2·3		2	3	2	1	3	6	2	2	2	3	0	1	0	0	0	1	7	18	Sahour
																												United Provinces, East
	0·6	0		0		0		1·8		2	1	4	0	1	0	7	7	8	0	0	0	0	0	0	7	5	18	Gonda
+ 0·1	0·8	0	− 0·17	0		0	− 0·3	1·1		1	2	2	1	0	2	6	3	11	0	0	0	0	0	0	4	1	25	Gorakhpur
− 0·7	1·1	0	− 0·30	0		0	− 0·6	3·1	+ 1·9	1	0	0	1	6	8	11	0	3	4	1	1	0	0	0	10	13	1	Benares
− 0·6	0·6	0	− 0·33	0		0	− 0·6	2·9	+ 1·5	1	1	0	2	3	5	6	1	11	3	3	0	0	0	0	1	7	16	Allahabad
	0·6	0		0		0		1·5		0	2	1	1	0	1	2	4	19	0	1	0	0	0	0	1	0	28	Fatehpur
− 0·1	0·3	0	− 0·40	0		0	− 0·4	1·4	+ 0·2	3	1	1	2	0	0	2	6	15	9	1	0	0	0	0	1	5	14	Cawnpore
0	0·7	0	− 0·19	0		0	− 0·4	0	− 0·9	0	0	0	0	0	0	1	0	29	0	0	0	0	0	0	0	0	30	Lucknow
+ 0·1	1·0	0	− 0·28	0		0	− 0·6	1·9	+ 0·8	1	1	4	1	0	4	5	8	6	0	0	0	0	0	5	10	5	10	Bahraich
																												United Provinces, West
− 0·1	0·7	0	− 0·17	0		0	− 0·4	2·5	+ 0·9	2	2	1	0	1	13	4	1	6	4	6	1	0	0	1	1	11	6	Jhansi
− 0·2	0·8	0	− 0·12	0		0	− 0·3	2·3	+ 0·4	2	1	1	0	0	1	8	6	11	7	0	0	0	0	1	1	11	10	Agra
+ 0·1	1·2	0	− 0·18	0		0	− 0·3	1·4	+ 0·7	1	0	2	2	0	0	3	4	18	0	0	0	0	0	0	3	3	24	Mainpuri
	0·6	0		0		0		2·6		7	1	0	2	1	1	5	5	8	8	0	0	0	0	0	4	9	9	Aligarh
+ 0·2	1·0	0	− 0·23	0		0	− 0·4	1·9	+ 1·2	3	1	2	0	0	0	4	0	20	0	0	0	0	0	0	4	3	23	Bareilly
− 0·1	0·9	0	− 0·27	0		0	− 0·5	2·0	+ 1·2	0	0	0	6	0	0	0	6	18	0	1	0	1	0	0	0	14	14	Roorkee
− 0·8	1·0	0·07	− 0·31	0·07	19	0	− 0·7	2·3	+ 1·4	2	0	0	0	0	2	9	3	14	0	1	0	0	1	6	11	4	7	Dehra Dun
																												Punjab, East and North
− 0·3	0·8	0	− 0·11	0		0	− 0·3	5·4	+ 3·8	0	1	0	1	0	6	16	2	4	6	2	0	1	1	0	0	19	1	New Delhi
		0		0		0				1	0	0	2	1	0	1	1	24										Hansi
− 0·4	0·3	0	− 0·07	0		0	− 0·2	2·9	+ 0·2	1	1	2	2	6	6	2	1	9	5	1	0	0	0	2	4	11	7	Hissar
− 0·2	0·9	0	− 0·28	0		0	− 0·4	2·6	+ 1·2	2	1	8	6	0	0	1	3	9	5	0	0	0	0	2	6	10	7	Ambala
− 1·0	0·3	0	− 0·11	0		0	− 0·3	1·5	+ 0·8	2	2	3	2	1	1	1	1	17	2	5	0	1	1	0	2	18	1	Ludhiana
− 0·7	0·9	0	− 0·07	0		0	− 0·2	1·2	+ 0·3	0	2	2	1	1	1	2	5	16	0	1	0	0	0	1	3	5	20	Lahore
0	0·7	0	− 0·11	0		0	− 0·3	1·6	+ 1·0	1	12	4	0	2	0	0	4	7	0	1	0	1	0	4	0	3	21	Sialkot
− 0·6	1·3	0·02	− 0·24	0·02	29	0	− 0·4	2·6	+ 1·5	2	6	1	0	0	0	2	2	17	0	0	0	2	1	4	4	12	7	Rawalpindi
																												Punjab, Southwest
− 0·4	0·5	0	− 0·08	0		0	− 0·2	3·2	+ 1·1	2	9	2	1	1	2	1	1	11	1	1	2	6	6	6	3	1	4	Khushab
− 1·1	1·0	0	− 0·16	0		0	− 0·3	1·3	+ 0·1	1	0	1	3	3	3	1	5	13	0	0	0	1	0	3	1	6	19	Lyallpur
− 0·9	0·3	0	− 0·07	0		0	− 0·2	1·2	− 1·1	0	2	1	2	2	0	0	2	21	0	0	1	0	0	1	0	2	26	Montgomery
− 0·6	0·4	0	− 0·07	0		0	− 0·1	2·2	+ 1·4	11	3	0	1	6	5	0	4	0	7	1	3	0	9	6	0	2	2	Multan
	0·5[d]	0		0		0		3·9[f]		2	2	6	6	5	4	1	0	0	10	2	1	0	1	1	6	4	2	Fort Abbas
	0·4	0	− 0·01	0		0	0	1·7		3	4	2	10	5	2	0	3	1	0	4	0	1	1	1	2	3	18	Bahawalpur
	0·3	0	− 0·21	0		0	0	3·2		6	4	1	2	4	7	0	1	5	9	2	0	0	0	3	12	3	1	Khanpur

d—Mean of 27 days. *e*—Mean of 26 days. *f*—Mean of 25 days. *i*—Mean of 22 days.

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature. °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Relative humidity %	
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Kashmir																					
Srinagar ...	5,205	24·967	- ·030	24·872	59·0	- 4·3	69	11	28·0	- 3·1	20	26, 28	36·1	53·3	33·1	43·5	·156	- ·031	·173	74	- 13
Gulmarg ...								Closed during winter months.													
Muzaffarabad ...	2,343	27·600	- ·026		72·8	- 2·0	81	9	45·4	+ 0·5	39	26,28,30	48·1		44·2		·238	- ·008		73	+ 7
Dras ...	10,059	20·876	+ ·011		40·7	- 0·4	49	11	15·5	+ 2·3	8	25,26,30	19·9		17·1		·073	- ·032		69	- 16
Leh ..	11,503	19·738	- ·018		41·9	- 5·5	51	11, 14	17·2	- 3·2	10	24,25,26	23·4		18·3		·062	- ·026		49	- 8
Skardu ...	7,505				52·5	- 1·5	59	11	28·4	- 1·0	23	25	31·7		29·2		·136	- ·015		77	- 1
Gilgit ...	4,890				58·8	- 4·1	65	11, 12	41·2	- 0·6	34	30	43·9		36·8		·140	- ·015		49	+ 1
N.-W. F. Province																					
Peshawar ...	1,164	28·841	- ·006	28.758	75·5	- 1·0	83	4, 8	45·0	- 3·9	36	26	53·4	71·7	45·5	55·3	·193	- ·036	·213	50	- 2
Miranshah ...	3,026				70·6		77	8, 9, 10	44·0		32	30	50·3		40·7		·110			37	
Dera Ismail Khan...	570	29·436	+ ·014	29·363	81·3	- 0·6	89	8	46·8	- 1·6	38	30	56·0	76·4	51·4	68·0	·314	+ ·014	·570	70	+ 4
Baluchistan																					
Fort Sandeman ...	4,614	25·494	- ·017	25·413	67·4	- 3·9	81	10	38·3	- 2·0	28	28, 29	41·5	65·8	33·3	46·3	·097	- ·050	·087	41	+ 3
Sibi ...	441	29·576			93·8		92	3	50·7		36	30	59·9		46·1		·126			25	
Quetta ...	5,540	24·697	+ ·002	24·621	59·4		71	4 days	28·5		13	29	43·6	56·7	36·2	42·8	·126		·117	49	
Chaman ...	4,311	25·816	+ ·020	25·765	64·0	- 3·6	77	12	40·8	- 2·2	24	27	51·2	61·5	40·9	45·9	·137	- ·022	·133	39	+ 2
Kalat ...	6,616	23·741	+ ·024		58·4	- 7·0	72	9, 10	25·8	- 1·8	10	29	38·0		29·7		·087	- ·073		39	- 24
Dalbandin ...	2,780	27·270	+ ·022	27·179	72·5	- 3·7	85	11, 12	37·0	- 3·2	17	29	49·1	70·1	40·3	54·3	·137	- ·024	·219	42	+ 4
Nokkundi ...	2,229	27·779		27·690	74·7		87	10, 12	45·8		25	28, 29	58·5	73·4	44·9	53·6	·133		·170	28	
Las Bela ...	292	29·724		29·598	90·2		98	1	50·6		35	30	69·1	86·9	57·0	68·6	·305		·459	44	
Ormara ...	15	30·019		29·918	84·8		95	3	61·4		47	30	70·3	81·7	60·9	65·2	·409		·395	57	
Pasni ...	10	30·026	+ ·021	29·931	84·9	+ 0·2	94	3, 8	62·4	+ 2·4	49	30	69·4	80·6	60·3	68·1	·397	- ·082	·516	57	- 6
Panjgur ...	3,177	26·870	+ ·023	26·783	71·9	- 3·4	84	12	43·9	- 0·7	27	29	51·6	69·1	43·7	56·3	·189	- ·005	·287	51	+ 4
Jiwani (c) ...	13	30·049		29·953	83·5		92	4	60·3		43	29	66·1	79·4	60·2	68·3	·437		·536	68	
Sind																					
Jacobabad ...	186	29·822	+ ·007	29·737	86·8	- 0·6	95	11	51·5	- 0·5	36	30	59·1	83·2	49·6	60·0	·234	- ·093	·210	46	- 11
Sukkur ...	221	29·789			83·4		91	10, 11	54·7		41	30	60·4		52·2		·282			55	
Naushahro ...	140				87·0		96	1	47·0		35	29, 30	57·5	82·7	50·6	60·3	·281		·217	60	
Chhor ...	19	30·000		29·895	91·5		101	4	52·4		35	29	65·7	85·6	55 7	66·9	·315		·412	49	
Hyderabad ...	96	29·930	+ ·034	29·837	86·2	- 2·4	96	2	58·6	- 0·5	42	29	65·9	83·5	54·8	60·6	·286	- ·083	·229	44	- 9
Karachi(Drigh Road)	77	29·943		29·846	87·6		97	1	56·6		43	29, 30	67·6	83·6	55·2	59·6	·266		·197	41	
Karachi (Manora)...	13	29·996	+ ·007	29·909	84·1	- 0·8	93	8	64·4	- 2·1	52	29	68·7	80·6	59·1	66·0	·372	- ·113	·444	53	- 10
Badin ...	37	29·980		29·876	87·4		96	2	54·6		40	29, 30	66·5	84·6	56·3	60·7	·315		·216	49	
Rajputana, West																					
Sri Ganganagar ...	580	29·407		29·332	82·6		89	1, 3, 12	44·7		35	30	59·3	77·7	49·1	58·4	·215		·222	43	
Bikaner ...	734	29·255	+ ·019	29·170	82·8		90	1, 3	47·7		36	29	59·9	80·0	49·7	61·1	·228		·282	44	
Jodhpur ...	780	29·220	+ ·019	29·122	87·1	- 1·7	95	1	57·7	- 0·9	42	29	65·8	84·1	50·1	58·2	·155	- ·039	·136	25	- 12
Barmer ...	638	29·350		29·255	86·0		93	1, 2	58·8		47	29	67·0	83·5	54·3	60·3	·251		·210	38	
Rajputana, East																					
Jaipur ...	1 431	28·546	- ·009	28·465	82·9	- 3·0	91	1	53·1	- 0·6	38	30	65·9	78·2	54·1	59·3	·268	- ·024	·263	41	- 4
Ajmer ...	1,593	28·378	- ·016	28·293	81·3	- 2·0	90	1	51·5	- 1·2	41	30	65·5	77·1	51·5	56·3	·201	- ·117	·183	33	- 30
*Kotah ...	843																				
Brijnagar ...	1,053	28·917		28·820	85·2		94	1	50·8		42	30	63·1	79·7	51·8	58·9	·235		·219	41	
Gujarat																					
Deesa ...	466	29·505	- ·002	29·415	89·4	- 2·9	97	1	53·5	- 4·4	41	30	68·2	85·7	56·2	65·7	·289	- ·031	·370	37	- 5
Bhuj ...	343	29·644	+ ·015	29·542	89·0	- 0·6	96	4 days	58·3	- 4·0	46	29, 30	70·2	86·7	56·1	60·5	·262	- ·195	·189	36	- 20
Dwarka ...	37	29·952	+ ·012	29·863	85·7	- 1·0	96	2	65·4	- 3·2	54	30	75·4	80·9	64·8	65·7	·476	- ·144	·437	53	- 15
Jamnagar ...	60	29·937	+ ·017		86·6	- 2·9	95	2	60·3	- 2·3	48	30	71·2		61·2		·402	- ·105		53	- 6
Rajkot ...	432	29·537	+ ·013	29·432	90·8	- 0·1	98	2, 3	58·3	- 1·7	46	30	71·3	87·6	56·8	61·3	·272	- ·122	·182	36	- 13
Veraval ...	19	29·946	+ ·017	29·854	90·5	+ 1·8	99	3	65·4	- 2·4	56	30	77·1	81·8	63·5	72·5	·394	- ·077	·655	45	- 9
Surat ...	39	29·928	+ ·010	29·832	91·6	0	97	2, 5	63·4	- 0·8	54	30	72·7	87·3	61·9	67·8	·408	- ·089	·422	51	- 9
Bhavnagar ...	55	29·929	+ ·015	29·825	89·2	- 1·9	96	2	60·2	- 2·8	43	30	69·5	86·2	56·9	63·6	·298	- ·122	·294	41	- 13
Ahmadabad ...	163	29·832	+ ·019	29·720	92·3	- 0·6	99	1, 2	63·6	- 1·9	53	30	72·6	85·8	56·9	63·3	·259	- ·113	·274	33	- 12
Dohad ...	1,093	28·868			88·8		96	1	56·9		48	30	66·5		55·4		·286			45	
Baroda ...	115	29·861		29·758	90·9		97	1, 4	53·6		45	30	67·7	84·5	58·2	67·9	·355		·461	53	
Addenda for Oct.																					
Chhor ...	19	29·798		29·693	101·0		115	2	68·7		59	30	79·1	95·7	72·3	77·2	·689		·675	73	

*Register not received. (c)—Mean of 25 days.

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																	STATION.
											8 hrs. L. M. T.									17 hrs. I. S. T.								
8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																													Kashmir
2	− 0·4	2·7	0	− 0·43	0		0	− 1·2	2·8	+ 1·1	0	1	4	10	5	1	2	2	5	5	0	0	3	2	2	10	3	5	Srinagar
																													Gulmarg
5	− 1·1		0·40	− 0·25	0·20	21	3	+ 1·6	1·9[e]	+ 1·3	4	0	0	0	0	1	0	0	22									Muzaffarabad
5	− 1·3		0·27	− 0·17	0·23	21	1	− 0·2	2·9	+ 1·3	0	0	0	0	0	0	0	0	30									Dras
7	+ 0·5		0·07	+ 0·04	0·04	22	0	− 0·2	3·8	+ 2·0	4	4	5	2	7	1	1	0	6									Leh
0	+ 0·7		0	− 0·07	0		0	− 0·2	1·6	− 0·5	0	0	0	0	0	0	1	0	29									Skardu
1	− 0·6		0	− 0·06	0		0	− 0·3	0·7	+ 0·1	0	1	0	0	0	1	0	0	28									Gilgit
																													N.-W. F. Province
8	− 0·9	1·7	0·08	− 0·20	0·08	28	0	− 0·5	1·9	+ 0·9	0	0	0	2	4	7	0	0	17	2	2	3	0	0	1	1	2	19	Peshawar
2			0·06		0·06	29	0		4·2		0	7	1	0	1	3	3	2	13									Miranshah
7	− 0·6	0·1	0	− 0·16	0		0	− 0·4	1·4	+ 0·9	2	2	0	0	0	0	1	5	20	1	0	0	1	2	0	0	1	25	Dera Ismail Khan
																													Baluchistan
4	− 1·0	1·0	0	− 0·25	0		0	− 0·5	2·4	+ 1·4	0	0	8	4	2	1	1	1	13	7	1	0	0	2	1	11	2	6	Fort Sandeman
3			0		0		0		2·9		5	4	0	0	1	1	1	1	17									Sibi
5	− 1·1	0·8	0·30		0·30	26	1		4·6		7	4	2	3	3	1	2	2	6	11	2	0	0	1	2	4	10	0	Quetta
3	− 1·6	0·5	0·40	+ 0·09	0·40	20	1	+ 0·1	5·6	+ 1·5	0	0	6	12	4	3	1	0	4	0	1	0	0	1	12	10	6	0	Chaman
6	− 0·7		0·06	− 0·27	0·06	20	0	− 1·0	4·6	+ 0·8	0	0	0	10	9	0	0	2	9									**Kalat**
3	− 1·0	0·6[b]	0·03	− 0·06	0·03	20	0	− 0·3	3·6	+ 1·0	1	8	9	2	2	0	1	0	7	1	7	7	6	4	1	1	1	2	Dalbandin
0		1·0[c]	0		0		0		6·3		8	6	7	1	0	0	0	3	5	4	0	1	6	5	3	1	7	3	Nokkundi
2		0·2	0		0		0		2·3		13	0	0	0	0	0	0	13	4	0	0	0	1	6	4	0	4	15	Las Bela
6		0·1	0		0		0		5·9		2	6	7	1	1	1	2	1	9	0	0	0	5	7	8	8	1	1	Ormara
6	− 0·7	0·2	0	− 0·21	0		0	− 0·3	7·7	+ 3·0	10	4	3	0	1	0	2	7	3	3	2	1	3	8	8	4	1	0	Pasni
2	− 0·9	0·4	0	− 0·07	0		0	− 0·2	5·2	+ 0·9	5	19	5	1	0	0	0	0	0	13	7	0	0	1	4	3	2	0	Panjgur
6		0·5	0·06		0·06	21	0		6·4[d]		7	17	2	0	0	0	1	0	1	0	4	0	2	1	19	2	0	0	Jiwani (*c*)
																													Sind
4	− 0·7	0·2	0	− 0·07	0		0	− 0·1	2·8	+ 1·6	7	0	3	1	3	1	1	5	9	5	1	0	6	4	3	2	6	3	Jacobabad
2			0		0		0		2·7		6	4	2	9	0	1	1	0	7									Sukkur
0		0·1	0	− 0·02	0		0	− 0·1	1·1		5	5	4	1	0	3	2	10	0	9	5	0	0	1	5	1	9	0	Naushahro
0		0·5	0		0		0		2·9		4	12	1	1	3	1	0	0	8	7	4	1	0	1	10	1	3	3	Chhor
9	− 0·1	0·5	0	− 0·06	0		0	− 0·1	3·3	− 0·6	12	0	0	0	1	1	1	8	7	14	3	0	0	3	1	1	4	4	Hyderabad
4		0·7	0		0		0		6·5		12	8	0	0	0	0	0	1	9	2	6	3	0	4	12	2	1	0	Karachi (Drigh Road)
6	+ 0·5	0·7	0	− 0·04	0		0	− 0·1	5·7	+ 0·4	8	13	4	0	0	0	1	2	2	0	2	1	2	2	14	8	1	0	Karachi (Manora)
0		0·3	0		0		0		5·3		5	13	4	0	1	2	5	0	0	8	12	0	0	0	4	2	4	0	Badin
																													Rajputana, West
2		0·3	0·02		0·02	21	0		4·1		4	2	3	8	3	3	2	2	3	7	1	0	1	1	2	3	13	2	Sri Ganganagar
5	− 0·7	0·2	0		0		0		1·9	− 0·5	0	0	2	11	8	6	1	0	2	13	3	0	0	0	2	5	6	1	Bikaner
6	− 0·5	0·6	0	− 0·11	0		0	− 0·2	3·8	+ 1·9	4	12	2	1	0	1	0	0	10	3	8	2	0	2	4	5	1	5	Jodhpur
7		0·3	0		0		0		4·7		7	1	0	0	1	0	0	16	5	1	9	1	0	1	3	4	4	7	Barmer
																													Rajputana, East
1	− 0·8	0·2	0	− 0·14	0		0	− 0·3	2·4	− 0·6	4	7	3	0	0	0	0	1	15	7	1	0	0	0	1	3	12	6	Jaipur
5	− 0·5	0·5	0	− 0·18	0		0	− 0·4	0·8	− 0·4	0	2	1	0	0	1	0	0	26	1	2	0	0	0	3	3	0	21	Ajmer
																													*Kotah
0		0·7	0		0		0		1·4[e]		4	1	0	0	2	0	0	3	20	5	14	1	0	0	1	1	0	8	Brijnagar
																													Gujarat
6	− 0·2	1·1	0	− 0·10	0		0	− 0·2	6·1	+ 1·0	1	14	10	1	0	0	1	0	3	3	6	2	0	0	3	4	4	8	Deesa
6	− 0·4	0·7	0	− 0·08	0		0	− 0·1	3·0	− 0·6	1	1	0	1	0	0	1	0	26	8	6	1	0	0	2	3	3	7	Bhuj
2	− 0·4	0·6	0	− 0·03	0		0	− 0·1	8·5	+ 1·2	8	13	6	1	0	0	0	2	0	2	8	2	0	0	1	4	13	0	Dwarka
9	+ 0·5		0	− 0·01	0		0	0	2·2	− 3·1	1	4	2	1	0	0	0	0	22									Jamnagar
9	− 0·3	0·7	0	− 0·23	0		0	− 0·3	4·5	+ 0·9	8	9	6	2	0	0	2	0	3	7	12	3	1	0	2	1	4	0	Rajkot
6	+ 0·2	0·4	0	− 0·19	0		0	− 0·1	5·3	+ 0·8	16	7	1	0	1	0	2	2	1	1	1	0	6	8	4	5	5	0	Veraval
1	0	0·9	0	− 0·19	0		0	− 0·3	4·4	+ 1·6	5	12	6	5	2	0	0	0	0	5	8	2	1	0	7	3	2	2	Surat
9	+ 0·3	1·6	0	− 0·15	0		0	− 0·2	3·1	− 0·1	4	2	0	1	0	0	7	11	5	1	14	7	6	0	0	0	1	1	Bhavnagar
9	− 0·7	0·6	0	− 0·15	0		0	− 0·4	3·9	+ 0·7	3	11	9	3	1	0	0	2	1	5	6	3	2	1	4	4	2	3	Ahmadabad
			0		0		0				1	3	10	3	7	0	0	0	6									Dohad
		0·4	0		0		0		1·8		1	4	1	1	2	0	0	0	21	1	1	0	0	0	1	0	0	27	Baroda
																													Addenda for Oct.
2		1·1[b]	0		0		0		5·2		2	3	0	1	10	9	0	0	6	1	3	0	0	4	14	6	0	3	Chhor

b—Mean of 29 days. *c*—Mean of 28 days. *d*—Mean of 27 days. *e*—Mean of 26 days.

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Relative humidity %	
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Central India, West																					
Neemuch ...	1,626	28·341	−·015	27·270	83·4	− 1·3	92	2	52·4	−2·6	41	30	67·6	79·5	52·0	57·4	·196	−·118	·192	29	−19
Indore ...	1,823	28·134	−·010	28·050	82·3	− 1·6	89	1, 2	52·0	−2·9	42	25	66·9	77·9	56·2	59·3	·318	−·070	·269	48	− 8
Bhopal ...	1,643	28·327		28·239	82·4		89	1	53·5		46	24, 30	66·5	77·9	55·3	59·9	·296		·293	46	
Guna ...	1,571	28·397		28·330	83·6		91	1	48·3		39	25, 26	63·2	79·2	53·4	60·7	·278		·306	50	
Central India, East																					
Nowgong ...	750	29·238	+·005	29·144	84·1	+ 2·0	92	2	49·4	−3·6	41	4 days	61·4	77·0	53·9	61·2	·317	−·066	·322	58	−12
Sutna ...	1,041	28·914	−·012	28·824	84·7	+ 3·4	91	1, 4	51·4	−3·0	45	23, 24	64·1	76·2	55·6	60·2	·335	−·048	·304	55	−10
Umaria ...	1,506	28·460		28·376	80·7		86	1, 2	50·8		43	23, 24	63·2	74·3	56·4	62·0	·355		·388	63	
Berar																					
Akola ...	925	29·036	−·004	28·925	87·5	− 0·6	92	2, 3	57·3	−0·7	47	24	68·7	84·0	59·2	64·8	·372	−·021	·362	55	0
Amraoti ...	1,213	28·746	+·001		82·9	− 3·9	89	1, 2, 17	61·2	−1·2	54	24	70·9		59·0		·339	−·049		45	− 4
Central Provinces, West																					
Khandwa ...	1,044	28·916	−·003	28·815	88·7	+ 1·0	95	2, 3	54·3	−2·3	46	9, 10, 24	67·5	83·0	56·0	61·1	·295	−·074	·242	44	−12
Hoshangabad ...	992	28·994	+·001	28·881	84·1	− 0·3	90	1, 4	56·2	+1·9	50	10, 13	65·4	79·9	56·6	63·8	·345	−·028	·381	55	− 3
Saugor ...	1,808	28·148	−·011	28·073	81·2	− 1·1	87	2	58·0	−0·1	51	25, 26	68·8	74·4	54·8	57·1	·259	−·061	·248	36	−12
Jubbulpore ...	1,289	28·678	+·005	28·584	83·9	+ 1·9	90	1	52·4	+0·5	44	24	60·3	79·5	55·6	63·6	·388	−·024	·381	73	− 1
Seoni ...	2,027	27·936	0	27·856	81·0	− 0·5	87	2	55·6	+0·1	51	7	66·1	75·6	56·8	60·1	·347	−·034	·324	54	− 5
Nagpur ...	1,017	28·95[illegible]	+·008	28·852	85·8	+ 0·2	91	1, 2, 3	58·7	−1·3	53	14	67·3	80·6	58·9	64·4	·386	−·028	·381	58	0
Central Provinces, East																					
Pendra ...	2,040	27·920	−·006	27·839	79·7	+ 2·3	85	2	55·3	+0·4	49	23, 24	66·1	72·0	57·7	60·3	·376	−·001	·374	58	− 7
Raipur ...	970	28·984	−·004	28·891	83·9	+ 0·4	90	3	60·0	−0·8	52	23	65·7	77·6	62·0	64·9	·468	+·014	·449	68	+ 2
Kanker ...	1,318	28·632		28·543	80·6		86	1, 2, 3	56·0		50	23	62·7	77·7	58·9	65·5	·452		·456	79	
Chanda ...	634	29·340	+·011	29·236	84·3	− 1·3	88	1, 2, 3	58·3	−0·7	51	23	67·3	79·0	61·7	67·5	·482	−·024	·506	71	− 1
Jagdalpur ...	1,813	28·121	−·001	28·038	80·0	− 1·5	84	4 days	56·2	−2·9	50	14	64·6	73·8	60·3	63·2	·461	−·069	·444	78	− 4
Konkan																					
Bombay ...	37	29·907	+·011	29·812	86·0	− 3·2	92	6, 7	70·3	−2·0	65	8	74·9	80·7	68·6	71·9	·620	−·064	·662	71	− 3
Alibag ...	23	29·921			85·4		93	7	67·0		65	6 days	75·1		66·7		·546			63	
Ratnagiri ...	207	29·718	+·016	29·627	88·8	− 1·8	96	1	69·9	−0·7	65	17,24,25	78·7	80·2	67·8	73·0	·536	−·037	·702	55	− 3
Marmagao ...	202	29·707	+·005	29·606	87·1		93	1, 3, 6	71·4		68	17	76·7	82·6	69·3	73·3	·607		·682	68	
Karwar ...	44	29·880	+·021	29·781	88·0	+ 0·5	94	2	68·7	−1·2	61	22	72·8	83·1	68·8	74·6	·654	−·027	·752	81	− 2
Bombay Deccan																					
Jalgaon ...	660	29·300			89·0		94	2, 3	54·5		45	10	65·5		56·8		·350			56	
Malegaon ...	1,430	28·525	0	28·419	86·5	− 1·4	91	4, 5	55·4	−2·3	47	10, 11	67·9	83·1	57·4	62·6	·325	−·058	·301	49	− 3
Ahmadnagar ...	2,154	27·807	+·002	27·702	84·3	− 1·4	87	5 days	56·6	−1·5	52	12, 16	69·1	80·8	57·9	61·3	·345	−·069	·293	48	− 7
Poona ...	1,834	28·115	+·003	27·998	86·4	− 0·1	89	4 days	56·6	−2·3	45	24	67·8	83·4	59·6	64·1	·416	−·018	·352	61	− 7
Sholapur ...	1,570	28·377	+·011	28·257	88·1	+ 1·8	91	4 days	60·7	−2·1	56	4 days	72·4	85·3	59·1	63·2	·331	−·098	·301	42	−11
Miraj ...	1,824	28·113		28·000	83·8		89	3	60·7		53	18	70·9	82·5	61·2	65·0	·418		·398	57	
Inchalkaranji ...	1,795	28·145			86·2		91	3	59·7		53	17,22,24	69·2		60·9		·430			61	
Bijapur ...	1,950	27·986	+·002	27·876	86·1	+ 0·1	88	7 days	60·9	−1·3	56	5 days	72·4	83·4	60·1	63·3	·362	−·145	·326	47	−16
Belgaum ...	2,562	27·386	+·014	27·291	82·9	+ 0·4	86	4 days	60·5	−1·0	55	17, 18	68·9	79·8	61·5	64·0	·442	−·037	·396	65	0
Gadag ...	2,131	27·810		27·700	83·3		87	28, 29	63·7		56	24	73·7	84·3	62·9	64·8	·440		·393	53	
Hyderabad, North																					
Aurangabad ...	1,905	28·065	−·006	27·962	85·5	− 1·3	89	2, 3, 4	60·0	0	53	12, 24	73·0	82·2	59·5	62·4	·319	−·080	·288	42	− 7
Nizamabad ...	1,250	28·686	+·010	28·589	85·8	+ 0·1	90	2, 3	59·6	−0·8	54	23	71·0	80·7	61·9	64·0	·435	−·085	·375	57	−10
Hyderabad, South																					
Gulbarga ...	1,503	28·426	−·006	28·313	87·4	− 0·2	90	6 days	61·8	−1·6	55	12	71·2	84·9	59·3	62·3	·339	−·165	·255	47	−16
Raichur ...	1,311	28·614	+·001	28·505	86·7	− 0·1	90	11,13,28	66·7	−1·0	60	3	74·0	84·8	63·1	64·5	·428	−·131	·342	55	−10
Hyderabad(Begumpet)	1,778	28·151	+·001	28·055	85·1	− 0·2	89	2, 3	58·0	−3·7	52	14	69·3	80·0	61·0	63·8	·430	−·087	·396	61	− 9
Hanamkonda ...	877	29·046	−·019	28·960	85·3	− 0·6	90	1	62·7	−0·9	59	7, 14, 23	71·4	80·7	63·8	65·1	·495	−·065	·409	64	− 6
Mysore																					
Chitaldrug ...	2,405	27·528	+·011	27·424	83·6	+ 0·8	89	28	63·1	−1·5	58	20, 21	71·3	81·6	64·2	64·5	·502	−·054	·389	67	− 4
Balehonnur ...	2,917	27·017			79·1		83	28, 29	58·9		52	24	65·2		61·9		·513			82	
Hassan ...	3,149	26·815	+·011		81·8	+ 1·8	87	30	60·7	−0·1	55	23	68·1		63·0		·517	−·041		76	− 2
Bangalore ...	3,021	26·939	+·016	26·849	80·1	+ 1·1	84	28, 29	61·4	−0·2	56	15,21,22	68·2	76·8	62·4	62·6	·475	−·075	·388	72	− 7
Mysore ...	2,518	27·411	+·005	27·327	82·2	− 0·2	87	26,27,28	63·2	−1·2	57	24	70·5	80·1	64·5	64·6	·536	−·058	·409	72	− 6

Cloud amount (tenths of sky).		Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																	STATION.
										8 hrs. L. M. T.										17 hrs. I. S. T.								
Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																												Central India, West
– 0·5	1·5	0	– 0·21	0		0	– 0·3	3·0	– 0·6	0	17	0	0	0	1	0	1	11	3	13	0	0	0	2	1	3	7	Neemuch
– 0·4	1·6	0·01	– 0·40	0·01	8	0	– 0·7	2·0	+ 0·6	1	10	3	4	1	2	1	0	8	5	12	1	2	1	3	2	1	3	Indore
	1·2	0		0		0		2·0		2	3	2	2	0	1	2	3	15	2	9	5	0	1	1	5	2	5	Bhopal
	1·3	0		0		0		1·6		2	7	4	0	2	1	1	1	12	1	5	2	0	0	0	5	5	12	Guna
																												Central India, East
– 0·5	0·8	0	– 0·38	0		0	– 0·7	1·1	+ 0·3	0	0	1	0	6	8	0	1	14	3	4	1	0	0	0	0	1	21	Nowgong
– 0·8	1·2	0	– 0·34	0		0	– 0·7	1·9	+ 0·1	1	0	3	4	2	1	5	0	14	8	1	1	0	0	1	2	10	7	Sutna
	3·3	0		0		0		1·8		2	1	2	3	1	0	0	0	21	2	3	1	1	0	0	0	1	22	Umaria
																												Berar
– 1·2	1·7	0	– 0·48	0		0	– 0·8	3·0	+ 0·4	0	4	3	0	0	0	0	0	23	0	3	1	0	0	0	0	0	26	Akola
– 0·9		0	– 0·55	0		0	– 1·0	4·3	+ 1·4	1	20	9	0	0	0	0	0	0										Amraoti
																												Central Provinces, West
– 0·5	1·9	0	– 0·53	0		0	– 0·9	3·3		2	7	7	7	2	0	0	0	5	12	13	1	2	0	0	0	1	1	Khandwa
– 0·6	1·8	0	– 0·62	0		0	– 0·7	1·8	+ 0·3	0	4	13	6	0	0	0	1	6	4	4	2	0	1	0	0	0	19	Hoshangabad
– 0·7	1·3	0	– 0·46	0		0	– 0·7	5·9	+ 3·5	0	7	7	2	2	6	5	1	0	3	5	2	2	0	4	9	5	0	Saugor
– 0·1	2·2	0	– 0·57	0		0	– 0·9	0·8	– 0·3	1	0	0	3	1	0	0	0	25	0	3	1	0	0	2	1	0	23	Jubbulpore
– 0·1	2·9	0	– 0·59	0		0	– 0·9	3·6	+ 1·7	1	8	6	2	0	0	4	3	6	0	5	11	4	4	3	0	0	3	Seoni
– 0·2	2·3	0	– 0·71	0		0	– 1·0	2·1	– 0·5	11	2	2	0	0	0	4	1	10	1	3	15	1	0	0	0	2	8	Nagpur
																												Central Provinces, East
+ 0·1	2·9	0	– 0·37	0		0	– 0·9	2·2	+ 0·1	9	3	1	1	1	5	2	5	3	8	2	2	0	5	4	0	4	5	Pendra
+ 0·5	1·3	0·35	– 0·05	0·21	25	1	+ 0·1	2·7	+ 0·6	4	12	6	0	1	2	0	0	5	3	8	6	2	0	0	0	0	11	Raipur
	3·5	0·61		0·53	26	1		2·3		0	0	0	0	0	0	1	0	29	0	5	0	9	0	3	5	8	0	Kanker
+ 0·8	1·9	0	– 0·68	0		0	– 1·3	2·3	+ 1·0	8	3	6	1	2	1	2	1	6	3	2	3	1	0	0	0	0	21	Chanda
– 0·6	2·7	1·45	+ 0·49	0·80	27	2	+ 0·4	2·5		2	5	0	0	1	0	0	3	19	2	19	0	0	0	0	0	1	8	Jagdalpur
																												Konkan
– 0·1	1·4	1·13	+ 0·72	1·07	8	1	+ 0·3	6·0	– 2·6	2	16	10	2	0	0	0	0	0	10	1	0	0	0	0	1	18	0	Bombay
		0·78		0·71	8	1		4·7		2	7	10	2	0	0	0	1	8										Alibag
– 1·7	1·4	2·94	+ 2·01	1·38	9	2	+ 0·7	6·5	+ 0·9	0	7	9	4	4	2	2	1	1	4	1	0	0	1	3	5	16	0	Ratnagiri
+ 0·4	3·5	1·04		0·59	9	2		7·0		0	2	24	3	0	0	0	0	1	0	1	0	0	5	8	12	4	0	Marmagao
– 0·8	2·3	1·83	– 0·09	0·90	9	3	+ 0·2	2·1	+ 0·3	5	8	0	1	0	3	0	1	12	4	0	0	1	2	8	0	6	9	Karwar
		0·03		0·03	8	0				0	0	27	0	0	0	0	0	3										**Bombay Deccan** Jalgaon
– 0·5	1·7	0·19	– 0·51	0·10	8	1	0	3·1	– 0·3	0	0	1	0	1	0	3	0	15	1	8	9	0	0	0	1	0	3	Malegaon
– 0·1	3·7	0	– 0·63	0		0	– 1·3	1·4	– 3·0	8	0	3	0	10	0	2	1	6	7	0	16	0	1	0	1	0	5	Ahmadnagar
– 0·3	2·5	0·14	– 0·84	0·05	8	0	– 1·7	2·0		1	1	3	3	2	0	0	0	20	0	1	8	5	0	0	1	0	15	Poona
– 2·0	2·0	0	– 1·05	0		0	– 1·5	6·1	– 0·2	6	3	5	8	4	2	1	0	1	6	5	9	2	2	0	1	3	2	Sholapur
	2·1	1·30		0·94	9	2		5·5		0	4	11	4	0	0	1	2	8	1	9	11	1	0	0	2	2	4	Miraj
		2·04		1·95	9	1		4·3		1	4	9	7	0	0	0	0	8										Inchalkaranji
+ 1·2	4·6	0·08	– 1·06	0·06	9	0	– 1·8	3·0	+ 0·6	1	7	11	6	4	0	0	0	1	4	12	11	1	0	0	0	1	1	Bijapur
– 1·0	2·2	0·43	– 1·31	0·17	9	3	+ 0·6	4·0	– 2·9	1	14	10	3	1	0	0	0	1	1	15	3	1	2	5	3	0	0	Belgaum
	3·6	0·78		0·52	9	2		4·3		0	10	13	2	0	1	3	0	1	3	16	5	2	0	1	0	2	1	Gadag
– 1·0	2·9	0·04	– 0·54	0·04	8	0	– 0·9	5·3	+ 0·9	0	6	13	4	0	0	0	0	7	4	7	9	1	0	2	1	0	6	**Hyderabad, North** Aurangabad
+ 0·3	2·9	0	– 0·59	0		0	– 1·0	3·3	+ 0·8	2	4	0	1	3	0	0	0	20	3	19	2	0	0	0	0	0	6	Nizamabad
– 0·8	2·0	0	– 1·00	0		0	– 1·6	8·0	+ 2·4	2	9	15	2	0	0	2	0	0	4	11	12	0	0	1	1	1	0	**Hyderabad, South** Gulbarga
– 0·8	2·0	0	– 0·95	0		0	– 1·8	6·5	+ 1·3	4	9	7	7	1	1	1	0	0	4	14	9	1	0	1	0	0	1	Raichur
+ 0·5	3·0	0	– 0·99	0		0	– 2·2	2·8	– 0·9	4	5	5	4	1	1	0	0	10	7	13	5	2	0	0	0	0	3	Hyderabad(Begumpet)
– 0·8	2·7	0	– 0·94	0		0	– 1·3	4·0	+ 1·1	9	6	1	2	3	2	0	2	5	9	15	1	1	1	1	0	0	2	Hanamkonda
																												Mysore
+ 0·9	4·1	0·05	– 2·23	0·05	7	0	– 3·6	4·3	+ 0·4	0	3	13	4	0	0	5	2	3	4	9	11	0	0	0	3	2	1	Chitaldrug
		0·84		0·40	6	2		3·7		0	0	0	22	3	1	0	0	4										Balehonnur
– 1·7		2·48	– 0·90	1·38	6	3	– 2·1	3·0	+ 0·5	0	0	10	14	0	4	1	1	0										Hassan
– 0·5	6·2	0·06	– 2·88	0·03	7,8	0	– 4·7	5·6	+ 1·5	3	1	15	2	2	3	4	0	0	3	8	9	1	0	1	3	4	1	Bangalore
– 1·5	4·7	0·37	– 2·18	0·13	7	3	– 0·7	5·6	+ 0·1	2	6	8	1	1	3	3	0	6	7	3	9	0	0	4	3	1	3	Mysore

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Relative humidity %	
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Malabar																					
Mangalore ...	72	29·833	+·012	29·738	86·8	− 1·4	93	2	73·2	− 0·2	67	22, 24	77·6	82·8	71·8	75·1	·703	−·049	·765	75	0
Calicut ...	27	29·889	+·031	29·791	88·7	+ 2·1	91	4, 9	72·8	− 1·0	68	24	77·8	86·0	72·5	76·2	·736	−·070	·760	77	− 7
Cochin ...	10	29·908	+·031	29·808	85·1	− 2·5	87	4 days	74·1	− 0·4	72	6 days	79·6	83·0	73·7	75·0	·757	−·042	·758	75	− 6
Trivandrum ...	200	29·694	+·015	29·597	86·0	+ 3·2	89	14	73·8	− 0·3	67	26	78·7	83·0	74·4	75·6	·777	−·024	·794	81	− 4
Madras, Southeast																					
Pamban ...	37	29·858	+·015	29·771	84·5	− 0·6	87	4 days	76·5	+ 0·5	73	17	79·8	80·9	75·2	75·3	·806	−·053	·792	80	− 5
Madura ...	463	29·444	+·013	29·326	89·0	+ 1·6	95	10	72·1	− 0·6	68	15	77·6	85·4	70·6	71·9	·663	−·095	·602	69	− 9
Negapatam ...	31	29·884	+·028	29·790	84·1	− 0·5	91	25	74·7	+ 0·4	70	20	77·6	81·3	73·1	73·8	·750	−·070	·737	80	− 4
Trichinopoly ...	255	29·655	+·009	29·538	88·7	+ 1·5	94	10	72·9	+ 0·8	66	15	77·3	85·8	71·6	73·3	·709	−·048	·642	75	− 5
Coimbatore ...	1,341	28·569	+·011	28·445	87·4	+ 1·6	93	29	68·1	− 0·8	62	24	74·9	84·2	68·0	69·4	·590	−·119	·506	69	−14
Salem ...	913	28·993	+·012	28·865	90·2	+ 3·0	96	10	70·9	+ 1·9	65	23	75·2	87·0	67·9	69·1	·583	−·130	·600	67	−12
Cuddalore ...	39	29·875	+·014	29·780	84·6	− 0·2	89	25	72·3	− 0·2	67	15	77·4	80·9	72·3	73·2	·716	−·095	·709	77	−10
Vellore ...	703	29·203	0	29·095	86·7	+ 2·1	91	6 days	67·9	− 1·2	60	15	73·1	84·0	68·3	69·4	·616	−·116	·513	77	− 9
Madras ...	22	29·892	+·005	29·809	85·9	+ 0·2	90	12	70·6	− 1·3	64	15	77·1	80·8	71·7	71·8	·709	−·089	·662	76	− 8
Madras, Deccan																					
Cuddapah ...	428	29·506	+·014	29·393	89·0	+ 0·6	94	28	68·3	− 1·5	61	21	77·8	85·1	70·1	70·9	·631	−·071	·569	66	−10
Bellary ...	1,473	28·446	+·001	28·327	87·0	− 0·5	92	28	66·0	− 0·2	61	21	74·4	84·7	64·1	65·2	·458	−·094	·355	55	−12
Kurnool ...	923	29·000	+·002	28·879	87·9	− 0·3	91	28	63·6	− 1·8	57	21	72·5	85·7	63·5	66·0	·455	−·138	·377	59	−14
Rentichintala ...	349	29·594		29·475	88·7		91	8 days	63·8		58	13, 20	73·7	85·4	65·2	66·5	·502		·406	61	
Madras Coast, North																					
Nellore ...	66	29·860	+·008	29·769	86·2	+ 0·5	92	27	70·4	− 1·4	66	20	77·0	80·8	71·4	72·1	·682	−·102	·667	75	− 9
Masulipatam ...	10	29·912	−·017	29·803	84·2	− 1·1	89	12	69·7	− 1·6	66	20	74·9	79·9	69·5	71·4	·634	−·104	·643	75	− 6
Cocanada ...	26	29·911	−·003	29·817	82·9	− 0·2	90	11, 12	69·0	− 2·2	65	16,17,20	75·3	79·9	69·6	70·7	·620	−·067	·636	70	− 6
Vizagapatam ...	126	29·805	−·010	29·726	83·3	− 1·0	90	2	69·0	− 3·7	65	17	74·9	78·6	67·9	69·9	·590	−·029	·618	62	− 3
Calingapatam ...	19	29·922	−·008	29·840	82·8	− 0·6	89	15	66·8	− 2·6	63	15,16,20	71·0	78·0	67·2	70·9	·610	−·084	·662	82	− 1
Hill Stations, excluding Kashmir and Baluchistan																					
Maymyo ...	3,546	26·474	+·011	26·415	75·1	+ 1·8	80	6	53·3	+ 0·4	48	17	62·9	65·9	60·6	63·3	·507	−·002	·546	87	− 4
Haka ...	6,100	24·132		24·088	61·6		69	28, 29	46·5		37	17	50·7	55·2	47·7	53·2	·303		·367	93	
Kanpetlet ...	6,322	23·947		23·908	64·2		73	28	48·6		41	21	58·0	56·3	52·9	54·5	·350		·411	73	
Shillong ...	4,921	25·171	−·010	25·116	64·4	− 2·2	73	9	44·2	− 2·3	35	30	54·5	56·4	49·4	54·4	·289	−·048	·394	69	− 4
Cherrapunji ...	4,309	25·714	−·017	25·659	66·2	− 1·7	73	8, 9	52·3	− 1·7	45	30	60·4	58·8	53·3	55·2	·321	−·051	·392	65	− 4
Aijal ...	3,599	26·376		26·320	71·7		80	9	58·1		53	11	63·3	62·9	58·4	59·6	·424		·476	75	
Darjiling ...	7,432	22·966	−·029		54·9	− 0·9	61	8, 10	41·0	− 2·0	37	30	47·3		43·3		·235	−·026		75	+ 2
Kalimpong ...	3,913	26·119	−·011	26·049	66·1	− 0·4	71	8, 9, 11	51·3	− 1·2	47	28,29,30	56·1	58·8	52·1	53·5	·341	−·038	·339	77	0
Katmandu ...	4,388	25·728		25·641	74·5	0	79	1, 3	41·2	− 3·4	33	27,28,30	45·0	62·4	43·8	55·6	·276		·367	92	
Muktesar ...	7,592	22·862	−·019	22·824	56·7	− 2·9	60	4 days	39·1	− 3·5	31	30	47·2	48·0	37·1	40·6	·116	−·045	·179	38	− 9
Mussooree ...	6,940	23·406	+·009	23·378 *d*	58·2	+ 0·4	63	1	41·4	− 4·1	35	19, 30	48·6	50·0 *d*	40·0	42·6 *d*	·159	−·051	·199 *d*	47	− 9
Simla ...	7,224	23·146	−·007	23·105	55·5	− 2·9	62	9, 13	41·5	− 2·4	33	18, 19	48·5	47·6	37·2	38·8	·101	−·030	·144	30	− 6
Murree ...	7,082	~~23·256~~ ~~29·150~~	+·004	~~23·229~~ ~~25·123~~	56·4	− 0·6	63	8, 9, 13	38·5	− 3·1	30	29	44·1	47·9	35·0	38·2	·110	−·029	·130	40	+ 1
Cherat ...	4,272	25·788	−·004		64·1	− 1·8	73	9, 10	46·8	− 2·5	37	27, 28	52·3		43·5		·174	−·001		48	+ 7
Parachinar ...	5,673	24·511	+·005	24·467	61·4	− 3·4	73	11	37·4	− 2·-	26	28	46·1	56·3	36·8	42·6	·122	−·043	·137	39	− 7
Drosh ...	4,723	25·433			62·0	− 2·6	73	11, 12	41·9	− 1·8	32	27	44·3		37·2		·140	−·014		51	+ 2
Mount Abu ...	3,945	26·107	−·007	26·035	72·8	− 0·8	79	1	54·1	− 4·0	43	30	66·3	68·5	51·2	52·1	·201	−·060	·198	31	− 9
Pachmarhi ...	3,528	26·522	+·017	26·456	74·1	− 0·1	79	1, 2	48·2	− 2·8	41	10	67·0	69·8	54·7	56·6	·288	−·059	·314	42	−15
Mahabaleshwar ...	4,534	25·515		25·488	74·4		78	2, 4, 14	56·7		51	24	64·2	68·5	55·1	58·9	·328		·389	56	
Mercara ...	3,781	26·198	+·008	26·125	73·1	− 2·4	76	10, 27	58·9	− 1·2	54	24	64·9	71·9	60·2	63·7	·465	−·056	·482	77	− 8
Ootacamund ...	7,364	23·075	+·024	23·025	63·9	+ 0·3	68	19	44·7	− 3·3	32	16	54·9	57·3	49·7	52·2	·308	−·039	·335	70	− 7
Coonoor ...	5,730	24·462			67·3		76	10	50·5		41	21	61·0		55·6		·385			72	
Kodaikanal ...	7,688	22·801	+·020	22·753	60·0	− 0·7	65	25	48·0	− 1·2	42	16	53·5	54·8	48·3	52·6	·285	−·055	·374	72	− 9
Ceylon																					
Colombo ...	24	29·881	+·025	29·774	86·1	− 0·3	90	15	73·0	− 0·9	67	14, 15	77·4	83·8	73·0	75·6	·751	−·076	·785	81	− 5
Trincomalee ...	24	29·869	+·053	29·784	82·9	− 2·8	89	12	74·1	− 0·5	71	15, 24	77·6	80·2	73·2	74·6	·751	−·087	·791	81	− 7
Hambantota ...	61	29·791	−·007	29·701	87·6	+ 2·0	96	10, 13	73·4	− 0·6	70	15, 23	79·0	82·9	74·3	75·9	·774	−·020	·801	79	−12
Nuwara Eliya ...	6,170	24·074		24·010	67·2		71	4 days	49·5		38	15	58·7	62·6	54·9	57·4	·392		·410	81	
Arabia																					
*Aden ...	98	29·840	−·029		85·9	+ 0·8	92	7	74·4	− 0·2	70	25, 26	76·0		70·2		·654	−·036		74	− 2

* Records observations at 7 hrs. (L. M. T.). *d*—Mean of 27 days.

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																	STATION.
											8 hrs. L. M. T.										17 hrs. I. S. T.								
8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																													Malabar
·7	−0·1	4·2	2·08	− 1·04	1·87	7	2	− 2·7	5·4	+ 2·9	0	1	22	5	0	0	0	0	2	0	0	0	0	6	8	3	13	0	Mangalore
·7	+0·2	4·6	1·42	− 3·96	0·75	4	4	− 2·3	5·7	+ 1·6	0	6	20	4	0	0	0	0	0	0	0	1	0	2	6	14	7	0	Calicut
·4	+0·1	4·4	5·93	− 0·61	3·22	19	7	− 1·7	4·5	+ 1·2	0	14	10	5	0	0	0	0	1	1	0	0	0	1	5	16	6	1	Cochin
·9	−2·2	5·0	3·47	− 3·12	1·67	3	5	− 4·5	2·9	+ 0·3	4	1	3	1	1	0	0	2	18	1	1	0	1	3	4	9	6	5	Trivandrum
																													Madras, Southeast
·9	+0·1	5·0	2·15	− 9·85	0·76	1	5	− 8·0	10·0	+ 1·8	7	8	2	0	1	1	1	10	0	8	12	2	3	3	1	0	0	1	Pamban
·1	+0·3	6·1	4·49	− 0·46	3·17	13	4	− 3·6	4·5	0	6	3	1	0	0	0	9	11	0	0	0	12	4	1	1	2	1	0	Madura
·3	−0·2	5·9	4·54	−13·18	1·49	1	6	− 6·6	8·6	+ 3·0	1	6	2	0	0	0	5	14	2	2	19	5	1	1	0	1	1	0	Negapatam
·3	+0·9	6·2	0·61	− 4·96	0·52	8	1	− 7·5	4·0	+ 1·3	6	6	0	0	0	2	10	6	0	3	13	9	3	0	0	1	1	0	Trichinopoly
·9	−0·2	4·8	0·40	− 3·35	0·15	4	1	− 6·0	3·1	+ 1·0	3	5	4	1	1	3	1	0	12	0	4	6	3	5	6	3	1	2	Coimbatore
·1	−0·1	6·6	0·02	− 3·72	0·02	8	0	− 6·3	5·2	+ 2·9	1	7	8	0	1	4	5	0	4	2	6	10	2	2	3	3	1	1	Salem
·9	+0·4	5·5	2·26	−12·82	2·24	1	1	−10·3	5·4	+ 2·3	4	2	0	0	0	4	4	14	2	6	11	8	4	1	0	0	0	0	Cuddalore
·1	+1·5	6·6	0	− 6·88	0		0	− 8·5	3·9	+ 2·3	0	0	0	0	1	1	1	2	25	0	12	11	2	1	0	0	1	3	Vellore
·7	+0·2	5·6	0·25	−14·00	0·19	25	1	−10·5	11·9	+ 1·0	4	5	1	0	0	2	5	13	0	5	19	2	2	1	0	1	0	0	Madras
																													Madras, Deccan
·8	+0·4	5·7	0·08	− 3·48	0·06	25	0	− 5·5	3·9		1	5	1	7	0	0	2	2	12	3	6	8	5	0	0	1	1	6	Cuddapah
·7	−0·5	4·3	0·05	− 2·14	0·05	8	0	− 3·3	2·8	+ 0·4	4	1	6	6	1	0	0	3	9	4	8	9	3	0	0	0	4	2	Bellary
·6	+0·4	3·5	0	− 1·14	0		0	− 2·2	2·9	+ 0·5	1	10	8	3	0	1	1	3	3	3	9	8	5	0	0	0	4	1	Kurnool
·3		4·6	0·06		0·04	26	0		4·0		5	2	0	1	0	1	3	13	5	14	8	6	1	0	0	0	1	0	Rentichintala
																													Madras Coast, North
·8	−1·6	4·9	0·19	−11·05	0·19	25	1	− 7·6	3·3	+ 0·2	1	0	0	0	2	1	2	18	6	1	7	15	2	0	0	1	1	3	Nellore
·0	+5·1	9·0	15·55	+ 9·88	14·00	26	2	− 2·5	6·2	+ 2·2	0	14	0	2	0	1	0	13	0	0	8	0	16	0	3	0	3	0	Masulipatam
·9	−0·2	4·0	10·00	+ 4·58	8·96	26	3	− 1·6	7·9	+ 1·1	1	13	2	0	0	1	0	6	7	0	5	10	12	2	0	0	0	1	Cocanada
·8	+1·4	5·7	12·10	+ 8·35	6·02	26	4	0	5·4	+ 2·2	4	4	1	0	0	0	9	8	4	1	10	14	2	2	0	0	0	1	Vizagapatam
·5	+1·3	5·1	1·44	− 2·46	1·01	27	3	+ 0·2	6·4	+ 0·7	13	2	2	0	0	0	0	13	0	0	10	15	5	0	0	0	0	0	Calingapatam
																													Hill Stations, excluding Kashmir and Baluchistan
·2	+0·3	3·7	2·68	− 0·59	1·05	14	4	− 1·9	1·5	+ 0·5	0	4	4	2	3	0	3	0	14	0	1	1	0	2	0	0	0	26	Maymyo
·2		6·0	3·86		2·17	12	4		4·2		8	5	1	0	3	2	0	3	8	2	3	4	0	2	4	1	3	11	Haka
·0		8·6	6·26		5·91	12	3		3·3		1	3	9	3	6	3	2	0	3	2	0	0	1	2	4	7	1	13	Kanpetlet
·9	+0·7	8·7	4·08	+ 2·50	3·16	12	4	+ 1·7	1·3	+ 0·2	0	0	1	2	1	0	0	0	26	0	0	0	1	0	0	0	0	29	Shillong
·0	+1·5	5·6	3·70	+ 0·47	2·27	12	3	+ 1·5	4·0	+ 1·8	2	19	3	4	1	0	0	0	1	2	5	1	3	1	7	4	1	6	Cherrapunji
·8		3·9	3·58		1·88	12	4		4·4		0	1	19	1	3	4	0	1	1	0	0	3	1	0	8	7	11	0	Aijal
·4	0		0·13	− 0·61	0·10	14	1	− 0·1	2·8	+ 0·9	1	5	14	3	1	0	0	0	6										Darjiling
·5	+1·6	4·4	0·87	+ 0·58	0·70	15	2	+ 1·5	7·3		0	0	1	0	1	0	7	19	2	0	0	0	26	3	0	0	0	1	Kalimpong
·8		2·3	0·69	− 0·04	0·09	9	0	− 0·5	1·1		0	2	0	3	0	0	0	0	25	4	0	1	1	1	1	5	4	13	Katmandu
·0	−0·5	1·3	0·08	− 0·27	0·08	19	0	− 0·7	6·6	+ 2·3	0	7	7	3	0	3	6	2	2	0	0	0	2	3	4	20	0	1	Muktesar
·9	+0·7	0·7[d]	0·27		0·14	19	2		4·5		3	2	7	7	3	3	1	1	3	0	1	1	2	11	4	0	1	7	Mussooree
·5	−1·1	1·1	0·65	+ 0·13	0·46	18	2	+ 0·9	3·0	+ 0·1	3	6	1	7	6	2	1	0	4	2	3	1	4	7	4	3	1	5	Simla
·1	0	2·1	0·14	− 0·63	0·08	22	0	− 1·2	6·3		2	4	2	10	2	0	5	5	0	0	1	1	5	1	5	12	5	0	Murree
·6	−0·2		0	− 0·23	0		0	− 0·6	7·0	+ 0·1	15	2	0	2	3	1	0	6	1										Cherat
·2	+0·4	2·8	0·23	− 0·28	0·11	28	2	+ 0·4	3·7	+ 1·9	12	1	2	0	3	1	9	1	1	1	1	10	9	6	1	2	0	0	Parachinar
·3	+0·1		0·20	− 0·16	0·09	22	0	− 1·3	3·2	+ 2·0	0	1	6	0	1	1	0	0	21										Drosh
·5	−0·5	0·9	0	− 0·19	0		0	− 0·3	2·6	− 0·5	0	10	3	1	0	1	0	1	14	6	4	0	1	0	3	6	6	4	Mount Abu
·4	−0·1	2·2	0·04	− 0·69	0·04	8	0	− 1·1	2·4	+ 0·5	2	8	6	2	5	2	3	2	0	4	6	4	0	0	2	7	6	1	Pachmarhi
·8		2·4	1·34	− 0·17	0·72	9	2	− 0·4	7·2		0	14	15	1	0	0	0	0	0	0	7	7	0	0	0	2	13	1	Mahabaleshwar
·0	−1·7	4·6	1·22	− 1·99	0·48	6	4	− 1·5	6·3	+ 2·8	0	7	7	0	1	0	0	0	15	0	2	2	0	1	0	2	2	21	Mercara
·9	−2·0	5·2	0·95	− 4·84	0·17	5,7	6	− 4·1	3·6	+ 1·0	0	5	4	2	1	4	0	1	13	3	8	2	0	0	3	2	1	11	Ootacamund
·2			2·71		1·12	19	7		3·4		0	1	5	14	7	0	0	2	1										Coonoor
·2	−0·4	7·2	2·76	− 5·41	1·49	4	4	− 8·0	6·5	− 1·6	4	8	1	1	2	2	1	10	1	3	4	0	1	1	0	0	12	9	Kodaikanal
																													Ceylon
·7	−1·4	5·2	4·01	− 3·34	2·26	3	5	− 3·2			3	9	8	4	0	0	1	3	2	2	1	0	0	0	1	12	14	0	Colombo
·5	+1·3	6·1	8·40	− 5·88	1·66	2	10	− 3·8			4	3	3	1	1	3	10	4	1	19	5	4	1	0	0	0	1	0	Trincomalee
·4	−2·0	5·2	1·51	− 5·16	0·49	1	6	− 3·6			9	11	1	0	0	0	6	2	1	0	1	4	7	4	6	5	3	0	Hambantota
·5		8·2	5·74	− 3·40	1·34	18	10																						Nuwara Eliya
																													Arabia
·4	+1·1		0	− 0·07	0		0	− 0·1			6	5	9	3	2	0	3	0	2										Aden

d—Mean of 27 days. *e*—Mean of 26 days.

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Relative humidity %	
		Mean 4 hrs. G. M. T.	Departure from normal.	Mean 12 hrs. G. M. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 4 hrs. G. M. T.	Mean 12 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Mean 12 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Departure from normal.	Mean 12 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Departure from normal.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Iran																					
Charbar ...	25	30·027		29·938									72·6	80·1	65·7	71·4	·544		·643	67	
Jask ...	13	30·034		29·951	82·5	- 1·3	89	3	67·6	- 0·8	58	30	72·8	80·4	63·9	69·1	·475		·553	59	
Bandar Abbas ...	29	30·034		29·932	85·2		93	4	66·3		56	29	77·2	81·8	69·7	74·7	·631		·772	68	
Bushire ...	14	29·993		29·946	79·7	+ 1·7	90	9	63·4	+ 1·1	56	14, 23	67·0	77·2	63·3	72·1	·528		·716	81	
Ispahan ...	5,817	*24·61		*24·57	60·4	- 3·2	75	8	35·0	- 1·7	28	15	39·4	59·1	35·1	46·3	·152		·175	65	
Meshed ...	3,104	*26·79		*26·73	60·6	- 0·7	85	9	32·1c	- 2·0	19	27	38·1	55·7	31·5	45·8	·160		·196	73	
Seistan ...		28·506		28·417	70·3	- 1·3	85	11, 12	40·3	- 1·5	23	29	49·6	67·2	41·8	51·1	·168		·176	50	
Arabia																					
Bahrain ...	8	30·039		29·985	81·0	+ 1·2	89	9, 19	68·3	- 0·7	63	23	72·3	76·5	66·9	69·7	·587		·611	75	
Muscat ...	15	30·020		29·954	81·7	- 2·1	86	2	71·8	- 2·6	63	29	75·7	78·7	68·4	71·4	·583		·656	68	
Sharjah ...	18	30·029		29·948	85·7		92	8	63·0		54	29, 30	66·5	83·0	60·9	69·6	·462		·550	71	

* Aneroid. c—Mean of 28 days.

TABLE IV—ABSTRACT OF OBSERVATIONS RECORDED AT 8 HRS. (L. M. T.) AT 4TH CLASS STATIONS—NOVEMBER 1938

STATION.	Maximum temperature °F.				Minimum temperature °F.				Mean dry bulb temperature 8 hrs. L. M. T. °F.	Mean wet bulb temperature 8 hrs. L. M. T. °F.	Vapour pressure, inches.		Relative Humidity %		Mean cloud amount 8 hrs. L. M. T.	Rainfall, inches.				Number of rainy days (0·10" or more).		Wind.	
	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.			Mean 8 hrs. L. M. T.	Departure from normal.	Mean 8 hrs. L. M. T.	Departure from normal.		Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Resultant direction 8 hrs. L. M. T.	Velocity
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
Assam																							
Lumding ...	75·3	- 4·0	81	6 days	57·6	- 1·8	52	23, 26	62·7	61·7	·542		94			3·07	+1·84	2·64	12	2	+ 0·3		
Bengal																							
Pabna ...	82·9	- 3·6	91	9	62·1	- 1·7	53	30	70·7	67·1	·614	- ·018	82	+ 3		0·15	- 0·40	0·11	10	1	+ 0·2		
Punjab, East and North																							
Gurdaspur ...									57·1	49·5	·248		55		1·6	0·01		0·01	17	0		S 81 E	
Kashmir																							
Jammu ...	71·8	- 6·0	76	4	56·0	+ 0·3	49	28, 30	61·2	50·3	·215	- ·084	41	- 15	1·6	0	- 0·35	0		0	- 0·7	N 9 E	
Kargil ...	49·6	- 1·9	59	11	27·2	+ 5·1	20	26	33·8	30·6	·149		76		2·9	0	- 0·10	0		0	- 0·3	N 28 E	
N.W. F. Province																							
Bannu ...	78·7	- 1·2	85	8	49·6	0	33	30	60·1	48·3	·176	- ·078	36	- 17	1·2	0	- 0·21	0		0	- 0·3	S 45 W	
Wana ...	66·2		77	10	30·3		21	29	44·1	33·5	·069		28		0·2	0		0		0		S 44 W	
Hyderabad, North																							
Bidar ...	82·4	- 0·9	86	13	63·3	0	59	23	72·2	62·5	·456	- ·051	57	- 6	3·0	0	- 0·97	0		0	- 1·5	N 79 E	
Mysore																							
Nandi ...	70·1		76	28	56·9		51	20, 21	62·0	56·7	·397		71			0·19		0·19	8	1		N 9 W	
Tibet																							
Yatung (Chumbi) ...	52·7	+ 0·9	56	4 days	23·6	- 4·9	17	21, 22, 29	30·7	29·6	·158	- ·013	90	+ 6	1·0	0·01	- 0·23	0·01	9	0	- 0·6		
Iran																							
Zahidan ...	66·2		81	9	33·7		19	27, 28	47·7	38·7	·135		42		0·5	0·09		0·09	21	0		S 66 W	

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																STATION.
											4 hrs. G. M. T.									12 hrs. G. M. T.								
4 hrs. G. M. T. Departure from normal.	Mean 12 hrs. G. M. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
4	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																													Iran
·4		0·1	0		0		0		3·4		0	8	1	5	0	0	0	4	12	1	4	0	6	4	12	0	0	3	Charbar
·7		1·1	0·12	− 0·15	0·12	20	1	+ 0·5	6·8	+ 0·6	5	17	3	0	1	0	1	2	1	0	0	1	4	8	11	6	0	0	Jask
·8		1·0	0·08		0·08	20	0		6·6		5	19	1	1	0	1	0	2	1	0	0	1	5	20	3	1	0	0	Bandar Abbas
·3		2·4	0·04	− 1·38	0·02	18, 19	0	− 2·3	7·8	+ 3·3	4	9	6	9	1	0	0	0	1	0	0	0	0	4	5	8	13	0	Bushire
·1		4·4	0·75	+ 0·17	0·65	19	2	+ 0·6	1·0	− 0·4	1	1	1	0	0	1	1	0	25	0	2	6	4	0	2	1	1	14	Ispahan
·8		3·5	1·03	+ 0·43	0·90	12	2	+ 0·3	1·4	+ 0·5	1	0	1	1	1	0	0	0	26	0	0	5	1	0	0	0	0	24	Meshed
·1		1·1	0	− 0·06	0		0	− 0·3	5·8	+ 0·6	0	0	0	0	0	0	0	18	12	0	0	0	0	0	0	0	15	15	Seistan
																													Arabia
·0		2·7	0	− 0·24	0		0	− 0·5	5·7		3	0	0	1	5	8	6	4	3	8	2	3	8	0	0	0	9	0	Bahrain
·8		1·1	0	− 0·33	0		0	− 0·7	3·0	+ 0·3	1	0	0	1	0	0	5	4	19	4	4	1	3	0	0	0	17	1	Muscat
·0		1·6	0		0		0		5·5		0	0	5	10	9	0	0	1	5	8	0	0	0	0	0	7	15	0	Sharjah

TABLE V—ABSTRACT OF OBSERVATIONS RECORDED AT 8 HRS. (L. M. T.) AT 5TH CLASS STATIONS—NOVEMBER 1938

DIVISION.	STATION.	Rainfall, inches.				Number of rainy days (0·10" or more).		DIVISION.	STATION.	Rainfall, inches.				Number of rainy days (0·10" or more).	
		Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.			Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.
1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8
Bengal ...	Bankura ...	0	−0·64	0		0	−1·1	Baluchistan ...	Harnai ...	0	−0·27	0		0	− 0·5
	Rampur Boalia ...	0	−0·49	0		0	−0·7								
	Sirajganj ...	0·08	−0·54	0·05	10	0	−0·7	Rajputana, East...	Udaipur ...	0	−0·06	0		0	− 0·2
	Rangpur ...	0	−0·21	0		0	−0·3	Bombay Deccan ...	Khandala ...	0		0		0	
	Cooch Behar ...	0·02	−0·21	0·02	13	0	−0·4								
								Hyderabad, North.	Parbhani ...	0	−1·10	0		0	− 1·4
Bihar ...	Muzaffarpur ...	0	−0·23	0		0	−0·4								
	Chapra ...	0	−0·26	0		0	−0·4	Madras Southeast.	Palamcottah ...	6·17	−1·24	3·14	3	7	− 2·8
	Arrah ...	0	−0·27	0		0	−0·5	Madras Deccan ...	Anantapur ...	0·03	−2·70	0·03	8	0	− 4·0
	Dehri ...	0·40	−0·06	0·40	12	1	+0·4								
								Sikkim ...	Lachung ...	0·59	−1·07	0·15	17	2	− 1·5
United Provinces West.	Meerut ...	0	−0·15	0		0	−0·4								
Punjab, East and North.	Dharampore ...	0		0		0									
	Kyelang ...	0·06	−0·29	0·06	23	0	−0·9								
	Dalhousie ...	0·12	−0·86	0·08	22	0	−0·8								
Kashmir ...	Sonamarg ...	2·02	+0·60	2·02	21	1	−1·4								
	Gurez ...	0·45		0·25	23	2									

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MONTHLY FREQUENCY TABLES

of

Horizontal Visibility, Height of Base of Low Cloud and Surface and Upper Winds at Pilot Balloon Stations

November 1938

Supplement to the Monthly Weather Report, November 1938

Published by authority of the Government of India

Tables of Wind Frequency:—Data for tables 1, 4, 7 and 10 are obtained from routine pilot balloon ascents. They are classified under four sets of tables according to the times of their commencement. Ascents in day-light starting at hours before 0830 hrs. I. S. T. have been classified under "morning". Most of these ascents begin at about 10-15 minutes before sunrise; thus the times will be different at different stations. Ascents starting at hours varying from 0830 to 1200 hrs. are classified as "forenoon" and those from 1200 to 1700 hrs. as "afternoon". Night ascents with lanterns which start after 0300 hrs. are classified as "late night". The most frequent times of commencement of the ascents which have been classified as "forenoon", "afternoon", and "late night" are 0900, 1400 and 0330 hrs. I. S. T. respectively.

The symbols used in the tables of wind frequency have the following meaning:— ϕ = Latitude of the station; λ = Longitude of the station; H_s = Height of the anemometer head (i.e. to which the values of the surface wind relate) above mean sea level; C = the number of observations when the speed of wind is 5 km./hr. or less and n = number of observations.

Tables of Frequency of Heights of base of Low cloud:—Tables 2, 5, 8 and 11 are based on observations made at the routine hours of pilot balloon flights or within half an hour of the same. Heights which are either measured or estimated are given.

In the first row of these tables, for amounts of low cloud 1-10, the number under code figure 9 gives occasions when there was no low cloud, and in the second row, for amount of low cloud = 9 or 10, the number under this code figure gives all occasions when the total amount of cloud (whether low, medium or high) was 9 or 10.

Tables of Frequency of Horizontal Visibility:—Data for tables 3, 6, 9 and 12 are obtained from observations near the times of the routine pilot balloon ascents.

The Code figures used in the tables Nos. 2, 3, 5, 6, 8, 9, 11 and 12 have the following meaning:—

Code figure ...	0	1	2	3	4	5	6	7	8	9
Cloud height ...	Less than 50 m.	50 to 99 m.	100 to 199 m.	200 to 299 m.	300 to 599 m.	600 to 999 m.	1000 to 1499 m.	1500 to 1999 m.	2000 to 2500 m.	No Low cloud / Total amount of cloud = 9 or 10
Visibility ...	Less than 50 m.	50 to 200 m.	200 to 500 m.	500 to 1000 m.	1000 to 2000 m.	2000 to 4000 m.	4000 to 10000 m.	10000 to 20000 m.	20000 to 50000 m.	Greater than 50000 m.

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STATION.	Speed limits (km./hr.).	Surface.										0·5 km. above Surface.										1·0 km. a. s. l.										2·0 km. a. s. l.						
		n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW
Agra ...	6–25	30	1		1			1	7	4	16	30	8	5	2	3	2		2	4		30	10	6		2	2			5	3	30	2					3
ϕ = 27° 08′ N ...	26–50												2	1						1										2			2				
λ = 78° 01′ E ...	51–75																																					
H_s = 181 metres ...	>75																																					
Ahmedabad ...	6–25	30		9	5						16	30	3	2	8	4	1	1	2	2	1	30	3	3	7	2	4		2	3	3	30		5	3	1	3	4
ϕ = 23° 02′ N ...	26–50													2	3									1	2								2					1
λ = 72° 35′ E ...	51–75														1																							
H_s = 55 metres ...	>75																																					
Bangalore ...	6–25	30	3	3	14	1		2	3	1	3	28	5	4	4	3	1	1		1		30	2	2	13	2	3		5	1		27	8	6	1	2	1	1
ϕ = 12° 58′ N ...	26–50													4	3				1				1		1									2			
λ = 77° 36′ E ...	51–75														1																			1			
H_s = 936 metres ...	>75																																					
Bhuj ...	6–25	30		1							29	30	5	3	1	1	1		1	3		30	3	4	4	6		1		2	1	30	2	6	1	3	3	3
ϕ = 23° 15′ N ...	26–50												1	9	5								2	6	1								1	2				
λ = 69° 48′ E ...	51–75																																					
H_s = 113 metres ...	>75																																					
Chittagong ...	6–25	30	9	6				1			14	28	9	8	1					2	3	26	5	2		3	6	1	3	5		24	4			1	3	5
ϕ = 22° 21′ N ...	26–50												3				1						1													1	1
λ = 91° 50′ E ...	51–75												1																									
H_s = 21 metres ...	>75																																					
Dacca ...	6–25	30								1	29	29	6	3	2	1		2		7	5	28	4	4	3	2	1		1	9	2	28	2	1	1		1	5
ϕ = 23° 43′ N ...	26–50													1	1					1			1														1	2
λ = 90° 24′ E ...	51–75																													1								
H_s = 21 metres ...	>75																																					
Fort Sandeman ...	6–25	30			1		2	5	1		21	30	3	1			2	6	11	3	2											30	2	1				3
ϕ = 31° 21′ N ...	26–50																	1		1																		1
λ = 69° 27′ E ...	51–75																																					
H_s = 1421 metres ...	>75																																					
Hyderabad (Begumpet).	6–25	30	3		1					1	25	30	3	7	11	2						30	3	8	11	1						30	4	4		2		
ϕ = 17° 26′ N ...	26–50												1	5	1								1	4	1	1							3	7	2			
λ = 78° 27′ E ...	51–75																																					
H_s = 555 metres ...	>75																																					
Jubbulpore ...	6–25	30				4					26	30	2	5	4	1	2	4	2	3		30	3	8	2	1		6	1	4		30	3	2		2	1	
ϕ = 23° 10′ N ...	26–50												1	6									1	3	1								1					
λ = 79° 57′ E ...	51–75																																					
H_s = 402 metres ...	>75																																					
Lahore ...	6–25	30		2		2					26	30	3	2	2	1	1	1	3	11	2	30	2	4		2		3	1	12		30	5	1		2		5
ϕ = 31° 35′ N ...	26–50													1		1				2				1		1				4			1			1		
λ = 74° 20′ E ...	51–75																																					
H_s = 221 metres ...	>75																																					
Madho Sagar (Gwalior).	6–25	26	1				1	5		1	18	26	7	9	1	3	1	1		1	2	26	7	10		1		2		2	3	24	2					2
ϕ = 26° 13′ N ...	26–50																			1										1			4					1
λ = 78° 08′ E ...	51–75																																					
H_s = ...	>75																																					
Madras ...	6–25	30								5	25	30	4	8	3	1		1		1		30	4	6		1	2			1		28	6	4	1	2		1
ϕ = 13° 04′ N ...	26–50												2	5			2		1				2	10						1			1	5				
λ = 80° 15′ E ...	51–75												1							1			1							1				1				
H_s = 13 metres ...	>75																													1								
Malegaon ...	6–25	24	1							7	16	24	1	2	7	5	2					24		3	6	6	1					24	2	4	7	1	1	5
ϕ = 20° 33′ N ...	26–50														4	2	1								5	2	1								1			
λ = 74° 32′ E ...	51–75																																					
H_s = 437 metres ...	>75																																					
Mangalore ...	6–25	24		4	10	4	1				5	24	3	2	4		4			1	1	24	2	3	3		2	2		1	1	22	2	4	5		1	1
ϕ = 12° 52′ N ...	26–50														4	1	1									2	2	1							3		2	2
λ = 74° 51′ E ...	51–75															2	1								1													
H_s = 40 metres ...	>75																																					
Peshawar ...	6–25	30				2		5			23	30	13	2		1			3	5	5	30	13	2				1	3	8	3	30	5	3		3	3	1
ϕ = 34° 01′ N ...	26–50												1																									
λ = 71° 35′ E ...	51–75																																					
H_s = 363 metres ...	>75																																					
Poona ...	6–25	30	2	4	1		1	11			11	30		8	7	2	1			1		30		8	7	6				1		30		1	9	10	1	
ϕ = 18° 32′ N ...	26–50													1	3	7								1	4	3								1	6	2		
λ = 73° 51′ E ...	51–75																																					
H_s = 589 metres ...	>75																																					
Port Blair ...	6–25	30	1	2	6	1	2	2		2	8	28		7	4	2						24	2	4	2	2						18		4	2	1	2	1
ϕ = 11° 40′ N ...	26–50			1	2	2		1						5	2	3		1	1					5	5	1		2						2	2	1	1	
λ = 92° 43′ E ...	51–75													1			1	1										1										
H_s = 87 metres ...	>75																											1										
Raj Samand (Kankroli)	6–25	18	3	2				1	1	9	2	18	2	2	5	5		1	1	1		18	1	2	5	5		1	1	1		18	1	4	4		1	3
ϕ = 25° 03′ N ...	26–50													1										2														
λ = 73° 53′ E ...	51–75																																					
H_s = 587 metres ...	>75																																					

3·0 km. a. s. l.										Amounts of low cloud.	No. of observations with Code figures.										No. of observations with Code figures.										STATION.
n	N	NE	E	SE	S	SW	W	NW	C		0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
30	3					3	2 10	5 6 1		1 — 10									1	29					1	4	25				Agra
										9 or 10																					
30	4 1	3 1	1		2	1	5 6	4	2	1 — 10										30							30			Ahmedabad
										9 or 10										1										
23	1	5 1	2 4	3	1	1	1 1	1 1	1	1 — 10	3		2		4		2		1	18						3	21	4	2		Bangalore
										9 or 10	3		2				2			9										
28	3	2 3	1	2	1	3	5 4	4		1 — 10										30							14	16			Bhuj
										9 or 10																					
21						6 5	4 5	2 2		1 — 10	4		2	1			3	1		19				1	1	3	19	6			Chittagong
										9 or 10	4		2				1			11										
23						2 4	6 7	1 3		1 — 10	1			2	1		4		1	21					1	2	27				Dacca
										9 or 10	1									6										
30	3 1 1				3	1	5 3	9 4		1 — 10									1	29						1	8	19	2		Fort Sandeman
										9 or 10										1										
28	5 1	3 1 1	2	2	1	1	7 1	1 1	1	1 — 10					1		1		3	25					1	4	7	14	3	1	Hyderabad (Begumpet)
										9 or 10					1		1		2	4										
22	2 2				2	1 1	3 1	6 4		1 — 10									2	28							2	23			Jubbulpore
										9 or 10										1										
26	5 1		3	1	2	2 1	2	7 2		1 — 10										30					4	5	18	3			Lahore
										9 or 10																					
21	1 1	1				2	2 3	8 6		1 — 10									2	24							1	3			Madho Sagar (Gwalior)
										9 or 10																					
26	4 1	4	1 3	1	2 1		2	2 4	1	1 — 10						4	8	1		17						1	1	9	19		Madras
										9 or 10							1			16										
24	5	2 2		1		1	3	7	3	1 — 10								1	5	24								1	25	4	Malegaon
										9 or 10										1										
20	2	4	3 2		2	3 2	1 1			1 — 10	1					3	4	4	2	16				1	1	1	15	11	1		Mangalore
										9 or 10	1					1				9										
30	3		2	1 1	3	8	2	6 2	2	1 — 10								2		28								2	9	19	Peshawar
										9 or 10										2										
28	6 1	9 1	2	1	2 1	1	3	1		1 — 10						1				29							1	3	26		Poona
										9 or 10						1				2										
3		2	1							1 — 10					10	17	1		1	1					1	4	6	17	2		Port Blair
										9 or 10					3				1	22										
17	2 1					3 3	3 1	4		1 — 10										18							1	29			Raj-Samand (Kankroli)
										9 or 10																					

STATION.	Speed limits (km./hr.).	Surface. n	N	NE	E	SE	S	SW	W	NW	C	0·5 km. above Surface. n	N	NE	E	SE	S	SW	W	NW	C	1·0 km. a. s. l. n	N	NE	E	SE	S	SW	W	NW	C	2·0 km. a. s. l. n	N	NE	E	SE	S	SW
Sambalpur ...	6-25	30	1								29	30	6	6	5		1	3	2	1		30	7	7	4	1			2	2	1	27	6	2		2	1	
ϕ = 21° 28′ N ...	26-50													5	1									4	2								5			1		
λ = 83° 58′ E ...	51-75																																					
H_s = 153 metres ...	>75															•																						
Tezpur ...	6-25	30		3	1	1					25	29		2	19						3	28		1	16		1				3	24			13	2		2
ϕ = 26° 37′ N ...	26-50														5									1	6										3			
λ = 92° 47′ E ...	51-75																																					
H_s = 76 metres ...	>75																																					
Trichinopoly ...	6-25	30		9				1	1	3	16	30	1	3	2	3	1		2	1		30	1	3	2	3		1	2	2		23	5	2	2	1	1	
ϕ = 10° 49′ N ...	26-50												2	9					5				2	9	1				1	3			2	1				
λ = 78° 42′ E ...	51-75													1																								
H_s = 88 metres ...	>75																																					
Trivandrum ...	6-25	26	9	6						1	10	25	1	5	4		2	2		4	2	25	1	5	3	2		1	2	2	1	23		4	1	1	2	1
ϕ = 8° 31′ N ...	26-50												1							4				1					1	6					1		
λ = 77° 00′ E ...	51-75																																					
H_s = 73 metres ...	>75																																					
Vizagapatam ...	6-25	30	1	7						10	12	29	1	11	4	1	1			2	1	28	3	6	4				1		1	24	3	9	3			1
ϕ = 17° 42′ N ...	26-50												2	3									1	9	2								2	3				
λ = 83° 18′ E ...	51-75													2	1										1													
H_s = 56 metres ...	>75																																					

TABLE 4

Allahabad (Bamrauli)	6-25	30		1				3	1	3	22	30	4	4	1	1	2	1	4	6	6	30	6	4			2	4	3	7	2	30	1	1	1		2	2
ϕ = 25° 26′ N ...	26-50																			1									1	1			1					
λ = 81° 44′ E ...	51-75																																					
H_s = 99 metres ...	>75																																					
Bahrein ...	6-25	30	1			5	2	6	3	9	3	29	2	2	1	5	1	1	1	1	2	30	2	4	3	4	2	3		1	1	27		3	3	4	1	1
ϕ = 26° 14′ N ...	26-50									1			5				4	1	1				2			1	2			1				1	1		1	1
λ = 50° 35′ E ...	51-75												1							1			2					1		1								
H_s = 14 metres ...	>75																																					
Bombay (Juhu) ...	6-25	30		12	4	1					13	29	1	8	6	4						29	2	6	2	8	3				2	29	2	6	5	3	10	
ϕ = 19° 17′ N ...	26-50														5	5									5	1											1	
λ = 72° 50′ E ...	51-75																																					
H_s = 5 metres ...	>75																																					
Calcutta (Dum Dum)	6-25	30	8	6					2	2	12	30	10	5	1		1	3	2	2	3	30	7	3	2		1	1	2	8		27	3	1			1	5
ϕ = 22° 38′ N ...	26-50												1	1	1								3		1					1			7		1		1	
λ = 88° 27′ E ...	51-75																								1													
H_s = ...	>75																																					
Gaya ...	6-25	30	1				1	4	4	2	18	30	7	9	1		1	1	6	4		30	8	3	3	1		1	3	9	1	30	2	3	4			1
ϕ = 24° 49′ N ...	26-50																	1												1								
λ = 85° 01′ E ...	51-75																																					
H_s = 117 metres ...	>75																																					
Jacobabad ...	6-25	30	3		1			1		5	20	30	2	1	2	2	1	2	2	5		30	3	2	2	3	2	3	1	6		30	3	3		1	1	4
ϕ = 25° 08′ N ...	26-50												6		2					1	4		4						1	1	2			2				1
λ = 62° 19′ E ...	51-75																																					
H_s = 10 metres ...	>75																																					
Jiwani ...	6-25	30	6	15	1				2		6	30	2	10	3	1			4	5		29	3	3	6	2	1	1	4	4	1	28	7	1	4	1	2	3
ϕ = 28° 17′ N ...	26-50												1	2									1	1									3	1				
λ = 68° 29′ E ...	51 75												1	1									2														
H_s = 66 metres ...	>75																																					
Jodhpur ...	6-25	30		20	1	1	1		1		6	30	2	5	6	2	1	2	4		1	30	1	7	6	2	1	4	3	1	1	30	4	4		1		1
ϕ = 26° 18′ N ...	26-50												1	1	5								1		3								1	2				2
λ = 73° 01′ E ...	51-75																																					
H_s = 232 metres ...	>75																																					
Karachi (Drigh Road)	6-25	30	5	10						2	13	30	3	4	4			1	2	2	1	30	6	11	3	1		1	1	3	3	30	3	4	4	1		
ϕ = 24° 54′ N ...	26-50												2	7	1				3											1			1	2				
λ = 67° 11′ E ...	51-75																																					
H_s = 30 metres ...	>75																																					
New Delhi ...	6-25	30				1		8	5	7	9	30	6			2		2	2	12	3	30	3			2		1	5	14	2	30	5			2	1	3
ϕ = 28° 39′ N ...	26-50												1							2			1							2			2				
λ = 77° 15′ E ...	51-75																																					
H_s = 227 metres ...	>75																																					
Sharjah ...	6-25	30			6	10		3		1	10	30	1	3	10	2	1		3	1	4	30	3	2	9	4	1	3	2		3	30	2	4	3	6	3	2
ϕ = 25° 20′ N ...	26-50														2		1	1	1	1					1				1	1						2		1
λ = 55° 24′ E ...	51-75																																					
H_s = 13 metres ...	>75																																					

ENCY (MORNING)

TABLE 2—FREQUENCY OF LOW CLOUD HEIGHTS (MORNING)

TABLE 3—FREQUENCY OF VISIBILITY (MORNING)

3·0 km. a. s. l.									Amounts of low cloud.	No. of observations with Code figures.										No. of observations with Code figures.										STATION.
n	N	NE	E	SE	S	SW	W	NW	C		0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
25	2	2	1		1		7	5		1 — 10						1	4	1		24							3	27			Sambalpur
	3			1	1	1																									
								1		9 or 10										7											
9	1			1		2	2		3	1 — 10				2	2		2	4	6	14		1		1	1	9	11	6	1		Tezpur
										9 or 10				2	1		1	1		10											
18	3	3	1			2	2	3		1 — 10					6		2	6	4	12							3	13	11	3	Trichinopoly
			1				1	1																							
								1		9 or 10					1		1	1	1	10											
20		2	2	1		2	3	2	3	1 — 10						4		3	2	21						3	13	14			Trivandrum
							3	1																							
							1			9 or 10						1		2	1	8											
23	3	4	2		1		2	4	2	1 — 10					2	4	1			23						1	2	22	5		Vizagapatam
	3						1	1																							
										9 or 10					1	1				13											

ENCY (FORENOON)

TABLE 5—FREQUENCY OF LOW CLOUD HEIGHTS (FORENOON)

TABLE 6—FREQUENCY OF VISIBILITY (FORENOON)

25	2	1				4	5	6		1 — 10										30					5	18	7			Allahabad (Bamrauli)
						1	2	4																							
										9 or 10										1											
21	3	2	3	1		2		2	2	1 — 10							3	5		22						3	9	18			Bahrein
					1		4	1																							
										9 or 10																					
28	8	5	3	2		1	1	6	1	1 — 10					1			1		28						1	10	19			Bombay (Juhu)
		1																													
										9 or 10										2											
12						1	3	3		1 — 10					1	2	1	4		22					7	10	13				Calcutta (Dum Dum)
						2		2																							
						1				9 or 10										6											
30	1		1			2	4	6		1 — 10									1	29						2	28				Gaya
			1				6	6																							
							1	2		9 or 10										1											
24	2	1	1		2	2	3	7		1 — 10										30						3	9	18			Jacobabad
	2							3	1																						
										9 or 10										1											
26	5	1	3				5	4	1	1 — 10					1	1				28					1	1	20	8			Jiwani
	1	1					1	4																							
										9 or 10																					
30	3					4	9	4	1	1 — 10										30						1	1	28			Jodhpur
	2					1	5																								
							1			9 or 10																					
28	3	1		1	2		6	6		1 — 10					1	2				27						1	6	18	5		Karachi (Drigh Road)
	1	1					2	5																							
										9 or 10										1											
29	2	1				5	5	5		1 — 10									1	29						2	7	21			New Delhi
						2	5	2																							
	1					1				9 or 10																					
28	5	1	1	5	1	1	4	1		1 — 10								10	5	14								8	22		Sharjah
	2					1	4	2																							
										9 or 10																					

STATION.	Speed limits (km./hr.).	Surface.										0·5 km. above Surface.										1·0 km. a. s. l.										2·0 km. a. s. l.						
		n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW
Agra ...	6-25	30	2	1				1	4	9	13	30	6	1				2	5	11	3	30	4	1					9	10	4	30	3				1	2
	26-50																			2			1							1			2					1
	51-75																																					
	>75																																					
Ahmedabad ...	6-25	30	1	8	3		1	9		1	7	30	2	4	6	1	1	4	3	4	4	30	3	1	8	2	1	3	4	3	2	30	3	4	3		2	2
	26-50														1									2				1					1				1	1
	51-75																																					
	>75																																					
Allahabad (Bamrauli)	6-25	30	6		1			1	4	7	11	30	9	1					6	12	2	30	3	2	1			1	8	13	2	30	3		1		1	2
	26-50																																					
	51-75																																					
	>75																																					
Bahrein ...	6-25	30	5	2	2	7				13	1	30	5	1	3	2	5	4	2	1	1	30	1	1	3	5	5	3	2	3	1	29		3	5	2	2	3
	26-50												1				1			2			1					1		3					1			1
	51-75																			2																		
	>75																																					
Bangalore ...	6-25	30	1	13	2			2	1	4	6	27	2	8	6		1	1	3	4	1	26	5	6	5			2	3	2	1	27	1	7	5	2	1	
	26-50				1										1									1	1										2			
	51-75																																					
	>75																																					
Bhuj ...	6-25	30	1	14	1	1		2		2	8	30	8	5	5	2		2	1	1	3	30	4	7	2	2		5	1	1	3	30	4	6	1	2		4
	26-50			1										3										5										3				
	51-75																																					
	>75																																					
Bombay (Juhu) ...	6-25	30		3	1				4	21	1	30	9	10	4	1	3			1	2	30	1	11	7	6	2				3	28		10	4	3	3	3
	26-50																																	1	1			
	51-75																																					
	>75																																					
Calcutta (Dum Dum)	6-25	30	1	4		1				14	10	30	10	2	2				1	11	1	28	9	4	1		1			12		28	4	1	1	1		4
	26-50												2	1										1													
	51-75																																					
	>75																																					
Chittagong ...	6-25	30	3	4				1	8	10	4	29	11	2	1		2		1	6	4	28	3	2	1	3	4	1		5	3	28	3			1	3	6
	26-50													1						1										1								3
	51-75																																					
	>75																																					
Dacca ...	6-25	30	1	2						6	21	29	6	2			3	1	1	11	4	28	5	3		2	1	1	5	4	3	27	4	1		1		3
	26-50														1										1					3				1				1
	51-75																																					
	>75																																					
Fort Sandeman ...	6-25	30						4	2	3	21	30	1		1		2	7	12	2	3											30					5	1
	26-50																	1	1																	3		
	51-75																																					
	>75																																					
Gaya ...	6-25	30	8	1						14	6	30	10	4	1				3	10		30	5	4	1				5	14		30	3	1	2			1
	26-50									1										2										1				1				
	51-75																																					
	>75																																					
Hyderabad (Begumpet).	6-25	30	2	13	4	2				1	8	30	9	7	7	1				1	1	30	9	6	7	2				1	1	28	6	7	5	1		1
	26-50													4										4										2	1			
	51-75																																					
	>75																																					
Jacobabad ...	6-25	30							1	6	23	30	4	1	2	4	3	3	1	6	4	30	4		3	3	2	6	1	6	2	30	2	1	1	1		5
	26-50																			2										3								
	51-75																																					
	>75																																					
Jiwani ...	6-25	30		5		1	3	20	1			30	2	4		4	4	3	6	2	2	29	4	4	2	1	1	2	5	5	2	27	12	4		1		1
	26-50												1	1									2	1									2					1
	51-75																																					
	>75																																					
Jodhpur ...	6-25	30		10		1		3	7		9	29	1	9	2	1	1	2	6	4	2	30	2	8	1	2	1	3	6	3	4	30	3	5	2	1	1	2
	26-50																		1														1					1
	51-75																																					
	>75																																					
Jubbulpore ...	6-25	30		5		1		2	4	2	16	30	8	7	2			1	3	6	2	30	9	7	1			1	4	4	3	30	11	1	2			
	26-50																		1														1					
	51-75																																					
	>75																																					
Karachi (Drigh Road) ...	6-25	30	1	11	1	1	1	9		1	4	30		10	2	1	1	5	4	2	3	30	5	6	1		1	1	2	5	4	30	5	8	2		1	1
	26-50							1						1						1				5										1				
	51-75																																					
	>75																																					

eed nits n./ c.).	3·0 km. a. s. l. n	N	NE	E	SE	S	SW	W	NW	C	Amounts of low cloud.	No. of observations with Code figures. 0	1	2	3	4	5	6	7	8	9	No. of observations with Code figures. 0	1	2	3	4	5	6	7	8	9	STATION.
6-25	30	3					1	3	4		1 — 10										30							13	17			Agra
6-50							4	7	7																							
1-75								1			9 or 10																					
>75																																
6-25	27	5	3			2	3	4	3		1 — 10								1		29								30			Ahmedabad
6-50							2	4	1																							
1-75											9 or 10																					
>75																																
6-25	25		1			1	1	10	3		1 — 10										30							18	12			Allahabad (Bamrauli)
6-50								3	6																							
1-75											9 or 10																					
>75																																
6-25	23	1	2	1	2		2	3	2	1	1 — 10							1	7		22								30			Bahrein
6-50		2						3	3																							
1-75							1				9 or 10										1											
>75																																
6-25	21	3	2	4	1	2	1	3	1	1	1 — 10						1	5	6	6	12							9	S	13		Bangalore
6-50				2																												
1-75								1			9 or 10							1	1		6											
>75																																
6-25	29	1	2	2		1	2	7	7	2	1 — 10								2		28						1	6	23			Bhuj
6-50			1					4																								
1-75											9 or 10																					
>75																																
6-25	27	3	6	3	1	1		1	5	4	1 — 10					1	1	1		1	26							1	28	1		Bombay (Juhu)
6-50			2		1																											
1-75											9 or 10					1					2											
>75																																
6-25	21	1	1			1	2	5	1		1 — 10					1	3	5			21							30				Calcutta (Dum Dum)
6-50		1						5	4																							
1-75											9 or 10										6											
>75																																
6-25	27					2	4	6	1		1 — 10					2	3	15			10						3	1	26			Chittagong
6-50							8	6																								
1-75											9 or 10					2					5											
>75																																
6-25	18						2	3	1		1 — 10					2	3	14			11						3	27				Dacca
6-50								8	3																							
1-75								1			9 or 10							1			6											
>75																																
6-25	30	4				1	5	8	8	1	1 — 10								3	2	25							2	17	11		Fort Sandeman
6-50								3																								
1-75											9 or 10										1											
>75																																
6-25	29	1	2	1				5	6		1 — 10						2	2	2		24							26	4			Gaya
6-50								6	6																							
1-75		1							1		9 or 10										2											
>75																																
6-25	23	3	2	2	2		3	4	2		1 — 10							1	5	4	20									15	15	Hyderabad (Begumpet)
6-50		3						1	1																							
1-75											9 or 10							1			1											
>75																																
6-25	25	3				2	4	2	5		1 — 10										30						1	5	24			Jacobabad
6-50		3						3	3																							
1-75											9 or 10																					
>75																																
6-25	25	3	2					1	7	1	1 — 10					3	5	1			21					1	4	16	9			Jiwani
6-50		4	1					2	3																							
1-75									1		9 or 10																					
>75																																
6-25	28	2					2	10	3	1	1 — 10										30								5	25		Jodhpur
6-50		1					1	7																								
1-75								1			9 or 10										1											
>75																																
6-25	27	5			1		5	3	6		1 — 10									11	19							1	25	4		Jubbulpore
6-50		1					1	1	4																							
1-75											9 or 10										2											
>75																																
6-25	30	5		2			1	4	3		1 — 10						3	1	1		25							4	13	12	1	Karachi (Drigh Road)
6-50		2	1					3	8																							
1-75									1		9 or 10																					
>75																																

STATION.	Speed limits (km./hr.).	Surface.										0·5 km. above Surface.										1·0 km. a. s. l.										2·0 km. a. s. l.								
		n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	N
Lahore ...	6-25	30		2		1	1	1	3	10	12	29	2	3	1		3		6	11	2	29	2	3	1		3	1	3	13	2	29	2	2	1			3	5	10
	26-50																1													1									3
	51-75																																							
	>75																																							
Madho Sagar (Gwalior)	6-25	30	3	4				1	3	6	13	30	10	5		1		2	3	7	1	30	7	4				2	5	10	1	29	3					3	5	10
	26-50																			1			1																5	3
	51-75																																							
	>75																																							
Madras ...	6-25	30	2	17	3	2	1			2	3	30	5	9	1		1		1			29	6	7				2	1	1		24	4	2	2	1	1			2
	26-50												2	8			1						2	6				1		1			1	3					1	6
	51-75												1							1			2										1	1						
	>75																													1										
Malegaon ...	6-25																																							
	26-50																																							
	51-75																																							
	>75																																							
Mangalore ...	6-25																																							
	26-50																																							
	51-75																																							
	>75																																							
New Delhi ...	6-25	30	3	1				2	1	18	3	30	2				1	1	5	17	1	30	1				1	1	5	18	1	30	2				1	2	10	8
	26-50									2										3										3			2							4
	51-75																																							
	>75																																							
Peshawar ...	6-25	30	2	6	1					2	19	30	5	1	4	5	2		1	3	9	30	8		2	3	3		1	4	9	30	1			1	6	3	6	9
	26-50																																							1
	51-75																																							
	>75																																							
Poona ...	6-25	30		11	7	1		2		1	8	30	2	2	14	2		2	2		3	30	2	1	14	3			3			30		2	8	7	5	1	1	1
	26-50														3										3								1	4						
	51-75																																							
	>75																																							
Port Blair ...	6-25	30		12	7	1	2				2	27		7	5		1		2		1	25	1	8	3				2		1	18	1	1	6	1		1	2	
	26-50			1	2	1	1							3	2	2								1	3		2		1					1	2		1	1		
	51-75													1	1		1	1							3									1						
	>75																																							
Raj-Samand (Kankroli)	6-25	20	1		3		1	2		1	12	20	1	3	4	2		5	3		2	20	2	2	5	1		4	2		4	20	1	4		4	1	1	4	3
	26-50																																					1		
	51-75																																							
	>75																																							
Sambalpur ...	6-25	30	1	6					6		17	29	9	6	1			1	3	3	4	29	8	8	2	2			2	5	1	27	7	5	1	1	2			4
	26-50																								1								5	1						
	51-75																																							
	>75																																							
Sharjah ...	6-25	30	1	2				1	4	22		30	4	5	1	1	1	2	4	9		30	2	1	5	6	1	3	3	2	2	28	2	3	2	6	4	2	2	3
	26-50																		3									1	3	1								1	1
	51-75																																							
	>75																																							
Tezpur ...	6-25	30		8	10	1					11	29		3	18			1			5	29			18	4	1			1	2	27		2	8	7	2	3	1	
	26-50														1										2									1						
	51-75														1										1															
	>75																																							
Trichinopoly ...	6-25	30	1	17	2	1			3	5	1	30	2	9	4	1	—	1	2	3	1	30	2	8	1	1	1	1	1	5		25	4	4	1			2	2	4
	26-50													5						2			1	7						2				2	1				3	1
	51-75																																							1
	>75																																							
Trivandrum ...	6-25																																							
	26-50																																							
	51-75																																							
	>75																																							
Vizagapatam ...	6-25	30		6	17	3	2				1	28	1	5	5			2				27	6	11				1			1	26	5	5	1				3	3
	26-50			1										10	4									6									5	2					
	51-75														1									1	1										1					
	>75																																							

peed nits m./ r.).	3·0 km. a. s. l. n	N	NE	E	SE	S	SW	W	NW	C	Amounts of low cloud.	No. of observations with Code figures. 0	1	2	3	4	5	6	7	8	9	No. of observations with Code figures. 0	1	2	3	4	5	6	7	8	9	STATION.
6-25	28	5	1			3	2	5	6	1	1 — 10								1		29					1	1	1	27			Lahore
6-50							1	1	3																						
1-75											9 or 10										2										
>75																															
6-25	28						5	7	6		1 — 10								1	6	22						1	23	6		Madho Sagar (Gwa-
6-50		1					2	3	4																						lior)
1-75											9 or 10										1										
>75																															
6-25	21	1	2	3	1	1	1	2	3		1 — 10						4	13	2		11								30		Madras
6-50		2	1					1	2																						
1-75									1		9 or 10							1			11										
>75																															
6-25											1 — 10																		27	3	Malegaon
6-50																															
1-75											9 or 10																				
>75																															
6-25											1 — 10																1	19	10		Mangalore
6-50																															
1-75											9 or 10																				
>75																															
6-25	30	1				1	3	6	8		1 — 10									1	29						2	28			New Delhi
6-50							1	3	7																						
1-75											9 or 10										1										
>75																															
6-25	30	1		1		1	8	7	4	1	1 — 10						1		4	5	20						2	6	11	11	Peshawar
6-50				1	1		1	2	2																						
1-75											9 or 10										1										
>75																															
6-25	29	4	5	5	2		2	3	4	3	1 — 10									9	21							1	29		Poona
6-50						1																									
1-75											9 or 10										1										
>75																															
6-25	9		3			1	1				1 — 10					11	16	3								1		1	6	13	9	Port Blair
6-50			1	3																											
1-75											9 or 10					3	1				18										
>75																															
6-25	20	4	1			1	3	3			1 — 10							1	2		17								30		Raj Samand (Kank-
6-50							2	6																							roli)
1-75											9 or 10																				
>75																															
6-25	24	2	1			2		6	4	1	1 — 10						2	2	5	5	16							1	27	2	Sambalpur
6-50		2	1				1	2	2																						
1-75											9 or 10						1				6										
>75																															
6-25	26	6			5	2	3	1	1	1	1 — 10								10	11	9								12	18	Sharjah
6-50								3	3																						
1-75								1			9 or 10										1										
>75																															
6-25	22	3	2		1		4	4			1 — 10				1	1		3	6	9	10						1	1	9	19		Tezpur
6-50								9																							
1-75											9 or 10				1						6										
>75																															
6-25	17	3	1				1	2	2		1 — 10						3	3	19	3	2							1	4	16	9	Trichinopoly
6-50		1		1				2	3																						
1-75											9 or 10						1		1		8										
>75									1																						
6-25											1 — 10																2	4	24		Trivandrum
6-50																															
1-75											9 or 10																				
>75																															
6-25	25	7	3		1	2		2	6	3	1 — 10					3	1		1		25							1	12	5	2	Vizagapatam
6-50		1																													
1-75											9 or 10					1	1		1		8										
>75																															

STATION.	Speed limits (km./hr.).	Surface.										0·5 km. above Surface.										1·0 km. a. s. l.										2·0 km. a. s. l.								
		n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW
Allahabad (Bamrauli)...	6-25	30								1	29	29	5	4	1		2		4	8	4	30	6	2	1		2	3	6	9		24			1		1	2	7	6
	26-50																			1										1								1	5
	51-75																																							
	>75																																							
Bahrein ...	6-25	30	1		1	7	3	1	2	7	8	30	3	1	2	4	3	1	1	3	3	30	3	3	4	1	1	4		4	3	21		2	3	1		2	4	2
	26-50												3				2			2			2					2		3								1	4
	51-75												1					1																						
	>75																																							
Bombay (Juhu) ...	6-25	30		7	1						22	29	11	7	7	2						29	5	3	6	2		2	2	3	1	25	2	2	3	10	4			
	26-50														2								4		1														
	51-75																																							
	>75																																							
Calcutta (Dum Dum) ...	6-25	30	7	6				1	3	1	12	30	13	6			1	1	3	1	1	30	9	3					2	7	3	15					1	6	4	3
	26-50												3	1									4	1	1														1
	51-75																																							
	>75																																							
Gaya ...	6-25	30				4	2	2			22	30	12	5			1			11	1	30	5	3	3		1		2	11	2	24	1	3			1	8	4
	26-50																												1	2								2	5
	51-75																																							
	>75																																							
Jacobabad ...	6-25	30	2		2					5	21	30	1	1	2	2	1	4	6	5	4	30	3	1	2	1	1	5	4	5	6	27	5	1		1	1	1	8	6
	26-50												1							3										2			1					1	2	
	51-75																																							
	>75																																							
Jiwani ...	6-25	30	1	11			1		3		14	30	1	3	1	1		2	5	10	3	30	4	3	2	1			3	10	2	16	1	4	3	1	2	1	2	
	26-50												2	2									3	1					1				1					1	
	51-75																																							
	>75																																							
Jodhpur ...	6-25	30		24			1	1	1		2	30		10	6	2		1	5	1	2	30	5	6	3	1	2	3	6	2	2	27	4	1			6	9	4
	26-50			1									1		1			1																			1	1	
	51-75																																							
	>75																																							
Karachi (Drigh Road) ...	6-25	30	10	5					2	2	11	29	2	7	3		1	1	6	5	2	30	2	6		1	1		7	6	7	27	4	6	2		2	1	2	8
	26-50													1					1					1											1					1
	51-75																																							
	>75																																							
Madho Sagar (Gwalior).	6-25	4					1	1			2	4				1	1		1			4						1		1	1	3						1	1	
	26-50																			1										1										
	51-75																																							
	>75																																							
New Delhi ...	6-25	30	2			1		1	7	5	14	30	7	1	1	1				18	2	30	6	1			1		3	17	2	29	1					5	8	11
	26-50																																						3	1
	51-75																																							
	>75																																							
Raj Samand (Kankroli).	6-25	12	1	3	1	2		1		1	3	12	1		3	1	2		1	4		12	1		3	1	2		1	4		12		1			1	2	4	3
	26-50																																					1		
	51-75																																							
	>75																																							
Sharjah ...	6-25	30		1	4	17	1		2		5	30	7	7	3	1	1		4	3	2	30	3	5	6	1	2	1	5	3	3	28	1	4	4	4	4	6	3
	26-50														1				1										1									1	
	51-75																																							
	>75																																							

TABLE 11—FREQUENCY OF LOW CLOUD HEIGHTS (LATE NIGHT)

TABLE 12—FREQUENCY OF VISIBILITY (LATE NIGHT)

s	3·0 km. a. s. l.										Amounts of low cloud.	No. of observations with Code figures.										No. of observations with Code figures.										STATION.
	n	N	NE	E	SE	S	SW	W	NW	C		0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
25	9							1	1		1 — 10								1		29						7	23				Allahabad (Bamrauli)
50								1																								
75											9 or 10										1											
75																																
25	7						1	3	2		1 — 10						1	1			28						2	28				Bahrein
50									1																							
75											9 or 10																					
75																																
25	11	4					1	2	1		1 — 10				1			1			28					1		12	17			Bombay (Juhu)
50			1					1	1																							
75											9 or 10				1						2											
75																																
25	1					1					1 — 10					3	1	1	1		24					1	29					Calcutta (Dum Dum)
50																																
75											9 or 10					1					5											
75																																
25	8	1	1			1	1		1		1 — 10								2		28							29	1			Gaya
50								1	2																							
75											9 or 10																					
75																																
25	23	3			1		1	4	11		1 — 10										30						1	9	20			Jacobabad
50								2	1																							
75											9 or 10																					
75																																
25	3								1		1 — 10							1			29					1	6	23				Jiwani
50								1	1																							
75											9 or 10																					
75																																
25	23	1						6	5		1 — 10										30							2	28			Jodhpur
50		2						6	2																							
75								1			9 or 10																					
75																																
25	8	1	1					2	2		1 — 10					1	1				28					1		5	23	1		Karachi (Drigh Road)
50								2																								
75											9 or 10																					
75																																
25	1										1 — 10										4							1	3			Madho Sagar (Gwalior).
50								1																								
75											9 or 10																					
75																																
25	18	2					4	4	3		1 — 10								1		29						1	9	20			New Delhi
50							1	3	1																							
75											9 or 10										1											
75																																
25	11	2					2	1	2		1 — 10								1		11						12					Raj Samand (Kankroli).
50								3																								
75								1			9 or 10																					
75																																
25	23	2		3	2	1	2		4	1	1 — 10								1	1	28							1	13	16		Sharjah
50								3	5																							
75											9 or 10																					
75																																

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INDIA WEATHER REVIEW, 1938

Monthly Weather Report

December

Published by authority of the Government of India

Summary.—Western disturbances were often feeble and the northeast monsoon was generally weak, with the result that weather was much drier than usual over the country outside Kashmir, the North-West Frontier Province and Baluchistan, many divisions receiving no rain at all. The month's rainfall over the country as a whole was considerably less than half the normal amount.

Apart from the activity of three western disturbances which caused a number of rainy days in northwest India, particularly over Kashmir and the northwest frontier, during the second and the third weeks, the only noteworthy features of the weather of the month were, firstly, the appearance of a trough of low pressure to the southeast of Ceylon in the first week, resulting in local showers in southeast Madras on the 5th-6th and, secondly, the development of unsettled conditions in the neighbourhood of Ceylon in the fourth week, when the northeast monsoon temporarily strengthened and fairly widespread rain fell in the south of the Peninsula. Besides, there were a few falls of rain over this region on some other days and in Gujarat, east Rajputana and Assam towards the end of the month.

Eight western disturbances affected northwest India, as indicated below:—

Western disturbances.			Precipitation.			Remarks.
No.	Period.	Course.	Region.	Nature of precipitation.	Period.	
1	2nd to 6th...	Northwest frontier and western Himalayas.	Extreme north ...	A few light showers...	3rd to 5th.	
2	7th to 10th...	Northwest frontier and Kashmir.	Extreme north ...	A few falls of rain ...	7th.	
			Kashmir ...	Fairly widespread rain or snow.	9th and 10th.	
			Northwest frontier ...	A few falls of rain ...	9th.	
3	12th to 13th.	Northwest frontier and Kashmir.	...	...	...	Feeble disturbance.
4	15th to 19th.	Northwest frontier, Punjab and Kashmir.	Kashmir ...	(1) A few light falls of rain or snow.	16th.	
				(2) Local rain or snow.	17th.	
			Northwest frontier ...	A few showers ...	17th.	
			Extreme north ...	Fairly widespread rain or snow.	18th.	
5	19th to 21st.	Northwest frontier, Sind, west Rajputana and north Punjab.	Northwest frontier, Kashmir, northern and central Punjab.	Fairly widespread rain or snow.	Between 19th and 21st.	After crossing the northwest frontier on 19th, it lay as a trough of low pressure over Sind and west Rajputana on 20th, and over north Punjab on 21st and subsequently passed away eastwards.
6	22nd to 24th.	Northwest frontier and Kashmir.	...	...	...	Feeble disturbances.
7	28th to 29th.	Extreme north ...	...	...	...	
8	30th to	Northwest frontier ...	Baluchistan ...	A few light showers.	31st.	

The cold wave which was affecting northwest India at the end of the last month gradually spread over the United Provinces and the central parts of the country, persisting till the 5th. Another cold wave was noticeable on the northwest frontier on the 21st, but it became unimportant after the 22nd. Night temperatures were appreciably below normal in and around the Central Provinces and in the Deccan from the 14th to 17th, and above normal in the Deccan and Mysore on the 7th and 8th, in and around the Bombay Deccan and in Gujarat on the 9th, along the northwest frontier on the 18th and 20th, and over the region from Gujarat to the west Central Provinces from the 27th to 31st.

The total rainfall of the month was in slight excess in Kashmir, normal in the North-West Frontier Province and Baluchistan, in slight defect in Sind, in moderate defect in the Bay Islands, the Bombay Deccan and southeast Madras and in large defect elsewhere. Averaged over the plains of India, the month's rainfall was in defect by 63 per cent.

The mean maximum temperature was above normal in Bihar, the Punjab, east Central India, and the west Central Provinces. The mean minimum temperature was above normal in Kashmir and below normal in Chota Nagpur, the west United Provinces and east Central India.

The mean relative humidity was in defect in the west United Provinces, the Punjab, Kashmir, Baluchistan, Rajputana, Gujarat, Central India, the west Central Provinces, the Konkan, the Bombay Deccan and north Hyderabad.

The mean cloud amount was above normal in the United Provinces, Sind, east Rajputana, Gujarat, west Central India, the Konkan, the Bombay Deccan and the Madras Presidency and below normal in the Bay Islands, Bengal, Bihar and the east Central Provinces.

Table I contains the divisional and sub-divisional means of rainfall, temperature, humidity and cloud for the 16 chief political divisions and the 33 sub-divisions; these means are based on the observations at the stations whose monthly mean data are given in the subsequent tables.

POONA No. 5:
The 27th February 1939.

S. K. BANERJI,
for *Director-General of Observatories.*

	Rainfall.				Departure from normal of						Rainfall.				Departure from normal of				
							8 hrs. L. M. T.										8 hrs. L. M. T.		
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Vapour pressure.	Relative humidity.	Cloud.		Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Vapour pressure.	Relative humidity.	Cloud.
1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
Division	"	"	"		°	°	"	%		**Division**—*contd.*	"	"	"		°	°	"	%	
Burma ...	0·14	0·58	−0·44	− 76	+1·1	+ 1·1	+·010	0	+0·3	9. Sind ...	0·10	0·12	−0·02	− 17	+0·6	−1·0	−·044	− 4	+0·7
Assam ...	0·05	0·29	−0·24	− 83	+1·2	+ 0·9	+·014	0	−0·5	10. Rajputana ...	0	0·19	−0·19	−100	+1·1	+0·2	−·044	−13	+0·4
Bengal ...	0	0·20	−0·20	−100	+1·3	0	−·013	− 3	−0·8	11. Bombay ...	0·06	0·14	−0·08	− 57	+1·0	+0·5	−·050	− 9	+1·0
Orissa ...	0	0·32	−0·32	−100	+1·4	− 1·7	−·033	− 1	−0·3	12. Central India ...	0	0·29	−0·29	−100	+2·4	−1·6	−·043	− 9	+0·6
Bihar ...	0	0·14	−0·14	−100	+1·2	− 1·9	−·031	− 4	−0·4	13. Central Provinces and Berar.	0	0·38	−0·38	−100	+1·5	−0·6	−·035	− 6	−0·1
United Provinces.	0	0·32	−0·32	−100	+1·5	− 1·2	−·044	− 6	+0·4	14. Hyderabad ...	0·01	0·24	−0·23	− 96	+0·1	−0·8	−·050	− 6	+0·1
Punjab ...	0·13	0·45	−0·32	− 71	+2·2	− 1·4	−·038	− 8	−0·3	15. Mysore ...	0·16	0·47	−0·31	− 66	+1·2	+1·2	−·028	− 2	−0·1
North-West Frontier Province.	0·42	0·41	+0·01	+ 2	+1·8	− 0·1	−·003	− 3	0	16. Madras ...	1·44	2·56	−1·12	− 44	−0·4	+0·3	−·030	− 2	+1·2
										Mean of India (excluding Burma).	0·19	0·51	−0·32	− 62	+1·2	−0·5	−·035	− 6	+0·2
Sub-division										**Sub-division**—*contd.*									
Bay Islands ...	4·23	8·27	−4·04	− 49	−1·4	+ 0·1	−·014	− 1	−1·4	18. Rajputana, East.	0	0·21	− 0·21	−100	+1·0	−0·2	−·046	−15	+0·7
Lower Burma ...	0·22	0·62	−0·40	− 65	+1·1	+ 1·6	+·013	− 2	+0·5	19. Gujarat ...	0·02	0·05	− 0·03	− 60	+1·3	+1·4	−·054	−10	+1·4
Upper Burma ...	0	0·51	−0·51	−100	+1·1	+ 0·4	+·007	+ 1	−0·1	20. Central India, West	0	0·19	− 0·19	−100	+1·2	+0·1	−·042	−12	+1·0
Assam ...	0·05	0·29	−0·24	− 83	+1·2	+ 0·9	+·014	0	−0·5	21. Do. do. East.	0	0·39	− 0·39	−100	+3·6	−3·3	−·044	− 6	+0·2
Bengal ...	0	0·20	−0·20	−100	+1·3	0	−·013	− 3	−0·8	22. Berar ...	0	0·55	− 0·55	−100	−0·4	+0·1	−·019	− 1	−0·3
Orissa ...	0	0·32	−0·32	−100	+1·4	− 1·7	−·033	− 1	−0·3	23. Central Provinces, West.	0	0·42	− 0·42	−100	+2·2	−0·3	−·046	− 9	+0·3
Chota Nagpur ...	0	0·19	−0·19	−100	−0·3	− 3·0	−·040	− 4	−0·3	24. Do. do. East.	0	0·23	− 0·23	−100	+1·5	−1·4	−·027	− 3	−0·5
Bihar ...	0	0·12	−0·12	−100	+2·3	− 1·0	−·023	− 4	−0·5	25. Konkan ...	0	0·12	− 0·12	−100	+1·0	+0·7	−·046	− 7	+0·8
United Provinces, East.	0	0·22	−0·22	−100	+1·3	− 0·1	−·035	− 2	+0·5	26. Bombay Deccan...	0·15	0·30	− 0·15	− 50	+0·5	−0·8	−·045	− 7	+0·5
Do. do. West.	0	0·41	−0·41	−100	+1·7	− 2·4	−·053	−10	+0·4	27. Hyderabad, North	0·01	0·28	− 0·27	− 96	+0·1	+0·1	−·042	− 6	+0·3
Punjab, East and North.	0·19	0·60	−0·41	− 68	+2·2	− 1·8	−·033	− 8	−0·2	28. Do. South	0	0·20	− 0·20	−100	0	−1·4	−·055	− 5	−0·1
Do. Southwest.	0·06	0·28	−0·22	− 79	+2·3	− 0·9	−·044	− 9	−0·4	29. Mysore ...	0·16	0·47	− 0·31	− 66	+1·2	+1·2	−·023	− 2	−0·1
Kashmir ...	1·92	1·60	+0·32	+ 20	+0·6	+ 2·2	−·016	− 8	+0·7	30. Malabar ...	0·58	1·44	− 0·86	− 60	+0·9	+1·3	−·001	− 3	+1·6
North-West Frontier Province.	0·42	0·41	+0·01	+ 2	+1·8	− 0·1	−·003	− 3	0	31. Madras, Southeast	3·00	4·52	− 1·52	− 34	−0·3	+0·8	−·055	− 4	+1·5
Baluchistan ...	0·81	0·81	0	0	+0·7	+ 1·9	−·044	− 9	+0·2	32. Do. Deccan...	0	0·38	− 0·38	−100	−0·5	0	−·035	− 4	+0·7
Sind ...	0·10	0·12	−0·02	− 17	+0·6	− 1·0	−·044	− 4	+0·7	33. Do. Coast, North	0·13	1·26	− 1·13	− 90	−1·4	−1·4	−·005	+ 3	+0·7
Rajputana, West.	0	0·12	−0·12	−100	+1·3	+ 1·4	−·037	− 9	−0·1										

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Relative humidity %	
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Bay Islands																					
*Port Blair ...	59/261	29·814	−·034	29·547	84·2	− 1·4	86	8	76·6	+0·1	72	27, 31	80·2	78·6	75·4	73·8	·799	−·014	·770	79	− 1
Lower Burma																					
Victoria Point ...	157	29·731	−·010	29·657	85·1	− 0·1	88	25, 26	73·4	−0·3	70	10	77·2	79·5	73·0	73·5	·756	+·020	·729	81	+ 3
Mergui ...	66	29·829	−·033	29·737	86·7	− 0·1	93	17	73·7	+5·6	69	31	76·2	81·7	72·5	76·9	·763	+·062	·858	83	+ 4
Tavoy ...	19	29·876	−·049	29·793	90·2	+ 2·5	94	19, 21	68·9	+3·2	65	22, 30	75·2	80·8	70·3	72·7	·665	−·004	·702	78	− 5
Amherst ...	71	29·840	−·054	29·751	88·9		91	11 days	71·1		66	31	74·7	80·9	69·5	73·6	·640		·737	76	
Rangoon ...	18	29·899	−·050	29·809	90·7	+ 3·6	94	15, 16	69·0	+1·6	63	22, 23	72·2	82·1	67·7	72·2	·623	−·001	·649	79	− 3
Tharrawaddy ...	49	29·887		29·793	88·1		91	2	62·5		54	22, 23	69·0	77·1	66·4	71·4	·605		·683	87	
Bassein ...	20	29·913	−·034	29·821	86·9	+ 2·4	90	1, 28	66·5	+0·9	59	24	72·8	80·7	68·4	72·2	·623	+·003	·669	79	− 6
Diamond Island ...	41	29·867	−·045	29·791	82·6	− 1·1	85	16, 17, 19	74·9	+2·4	70	23	76·7	79·2	72·1	73·1	·723	+·037	·729	79	+ 5
Gwa ...	11	29·913		29·827	84·0		89	13	64·2		56	21, 24	70·8	80·9	68·2	72·5	·650		·702	86	
Sandoway ...	28	29·903		29·824	87·3		91	12, 15	59·7		52	20, 21	67·9	75·5	65·8	71·6	·611		·730	89	
Toungoo ...	158	29·797	−·028	29·682	86·4	+ 3·3	89	1, 16	61·7	+0·3	54	22, 23	68·5	76·7	64·6	69·8	·563	−·011	·638	80	− 9
Kyaukpyu ...	18	29·916	−·035	29·834	78·7	− 1·5	84	15	68·4	+1·6	62	28	73·3	76·3	69·4	70·0	·654	−·003	·645	81	− 2
Akyab ...	29	29·928	−·026	29·844	81·5	+ 0·8	87	16	61·8	−1·3	57	19, 21, 22	67·1	73·6	64·9	68·2	·585	+·013	·616	88	− 2
Upper Burma																					
Minbu ...	168	29·812	−·030	29·685	82·3	− 0·1	86	1, 28	60·7	+0·1	55	5 days	67·6	77·5	63·0	69·1	·515	+·014	·593	77	− 1
Yamethin ...	644	29·295	−·040	29·202	83·8	+ 0·3	87	27	58·9	+0·4	52	22	64·4	74·2	62·0	66·6	·522	+·013	·560	88	+ 3
Mandalay ...	252	29·717	−·043	29·613	81·8	+ 1·4	85	1, 17	57·1	+0·3	51	21, 22	63·9	73·1	62·0	66·7	·528	−·003	·573	90	+ 8
Monywa ...	267	29·729	−·032	29·619	83·6	+ 2·4	87	2	59·8	+0·3	55	21	64·4	74·1	61·9	66·4	·522	+·010	·538	87	0
Lashio ...	2,802	27·158	−·024	27·072	74·0	+ 0·8	79	7	49·7	+1·1	41	21	54·2	62·8	53·2	59·1	·330	+·002	·458	93	− 1
Bhamo ...	386	29·603	−·041	29·502	75·9	+ 0·4	79	26	51·6	+0·3	47	22	56·8	66·8	56·1	63·2	·442	+·011	·528	95	0
Myitkyina ...	476	29·515	−·043	29·412	77·3	+ 2·3	80	16	52·0	+0·5	48	22, 23	57·5	67·5	55·8	63·1	·428	0	·521	90	0
Assam																					
Dibrugarh ...	348	29·656	−·040	29·562	76·1	+ 2·7	80	9	49·3	−1·7	46	16	53·2	63·5	52·9	59·7	·395	−·011	·464	98	+ 3
Sibsagar ...	317	29·678	−·052	29·578	76·5	+ 5·2	81	9	50·5	−0·1	46	17	54·5	65·9	54·3	62·1	·417	−·002	·502	99	+ 1
Tezpur ...	258	29·751	−·042	29·647	76·2	+ 1·7	78	6 days	53·5	0	50	16	58·2	64·7	56·2	60·4	·422	+·005	·457	87	− 6
Gauhati ...	182	29·816	−·046	29·715	76·1	+ 0·8	78	9, 10, 26	53·9	+1·9	50	23	58·1	68·7	57·5	63·5	·458	+·005	·508	96	+ 1
Dhubri ...	115	29·894	−·033	29·791	74·0	− 0·3	78	9	56·7	+1·6	53	2, 19	60·3	69·4	58·6	63·2	·476	+·024	·492	89	0
Silchar ...	96	29·894	−·040	29·800	80·9	+ 1·3	86	7, 15	56·6	+1·9	54	4 days	59·5	70·5	58·4	65·1	·468	0	·543	93	+ 4
Srimangal ...	69	29·908	−·042	29·821	79·3	− 1·6	83	9, 14	51·5	+2·8	48	20	61·2	66·8	59·7	64·7	·497	+·079	·590	91	− 1
Bengal																					
Cox's Bazar ...	38	29·914	−·034	29·835	79·5	0	86	14	58·1	−0·6	54	27	65·6	72·9	62·5	65·4	·535	+·002	·516	83	− 3
Chittagong ...	87	29·881	−·039	29·801	80·0	+ 1·6	86	8, 13, 14	57·5	+0·3	55	9 days	63·7	71·7	60·6	65·4	·496	−·003	·529	83	− 6
Noakhali ...	22	29·947	−·045	29·853	79·2	+ 1·2	84	14	60·0	+0·9	56	29	64·5	71·9	61·2	64·0	·489	−·003	·488	82	− 5
Comilla ...	37	29·929	−·056	29·839	81·8	+ 3·1	87	15	55·7	+1·2	53	3, 22	63·2	70·9	60·4	65·0	·477	−·009	·536	84	− 2
Brahmanbaria ...	32	29·942		29·860	79·8	− 0·6	83	4 days	57·6	+3·4	54	3	63·6	72·2	61·1	65·6	·502	+·024	·551	85	+ 8
Narayanganj ...	26	29·938	−·056	29·853	80·5	+ 2·6	85	14	57·5	+0·3	53	2	62·4	71·5	59·5	64·0	·459	−·015	·495	83	− 3
Mymensingh ...	62	29·925	−·041	29·835	80·0	+ 3·0	85	14	55·6	+0·2	53	4 days	61·3	72·4	59·2	64·8	·472	+·006	·516	88	− 1
Faridpur ...	27	29·955	−·052	29·866	77·5	+ 1·7	81	14	54·5	−0·2	51	4 days	60·3	69·3	58·2	63·3	·455	−·019	·495	87	− 1
Barisal ...	11	29·957	−·040	29·871	78·8	+ 1·2	82	13, 14	57·1	+1·1	53	27, 28, 29	62·4	71·4	59·3	63·1	·459	−·039	·461	83	− 2
Khulna ...	16	29·978	−·030	29·890	78·1	+ 0·2	81	1, 23	56·1	+0·8	51	29	63·6	69·2	59·3	62·3	·439	−·017	·462	76	+ 1
Jessore ...	26	29·972	−·034	29·870	78·3		81	14	49·4		45	3, 28, 29	61·2	67·1	58·8	61·8	·466	+·024	·482	86	+ 4
Satkhira ...	16	29·972	−·038	29·876	79·6	− 0·5	83	1	52·7	0	48	3	61·8	71·0	58·3	63·0	·435	−·021	·468	80	− 5
Calcutta ...	21	29·978	−·038	29·881	80·2	+ 1·3	84	1	54·3	−0·3	50	3	58·2	71·5	55·7	62·2	·415	−·012	·428	84	+ 1
Saugor Island ...	10	29·984	−·035	29·889	77·2	+ 0·5	83	1	58·5	−0·2	55	3	64·7	71·8	61·2	64·7	·489	−·024	·523	81	− 6
Sandheads ...	28	29·958	−·044	29·879									73·1	74·6	65·1	64·7	·509	−·032	·482	63	− 3
Midnapore ...	149	29·856	−·029	29·744	80·7	+ 1·0	87	1	52·8	−2·4	49	18, 21	61·8	74·0	55·5	61·9	·346	−·030	·395	62	− 6
Burdwan ...	99	29·911	−·031	29·803	80·0	+ 1·6	85	1	54·7	−1·1	50	22, 29	60·2	72·1	54·7	62·6	·359	−·029	·448	68	− 5
Krishnagar ...	48	29·955	−·040	29·850	80·4	+ 2·4	84	1	50·8	−2·4	46	28, 29	60·1	70·0	56·5	62·7	·418	−·007	·475	79	− 3
Asansol ...	414	29·577	−·038	29·474	79·0	+ 2·0	85	1	51·7	−1·1	49	5 days	56·6	74·9	50·4	59·0	·281	−·094	·286	64	− 9
Berhampore ...	62	29·928	−·052	29·830	78·3	+ 1·9	83	23	53·3	−2·0	48	28	58·6	71·8	54·9	62·4	·386	−·036	·428	77	− 7
Bogra ...	63	29·937	−·032	29·831	77·8	+ 1·5	82	14	54·7	+0·7	50	2, 20	60·6	70·8	57·6	63·4	·442	+·017	·475	83	− 1
Malda ...	108	29·904	−·028	29·801	76·1	+ 0·3	81	14	53·2	+1·2	46	2	60·6	69·3	56·1	62·7	·388	−·031	·461	74	−10
Dinajpur ...	123	29·865	−·045	29·761	78·5	+ 1·7	81	14	52·2	+0·9	47	2	58·2	71·7	55·6	64·7	·415	+·006	·523	84	− 2
Jalpaiguri ...	271	29·719	−·046	29·618	78·2	+ 2·2	83	14	52·9	+0·1	48	18	57·3	69·5	55·4	62·1	·406	−·014	·455	88	0

*8 hrs. observations at surface observatory (old site), height 59 feet; 17 hrs. observations at combined observatory (new site), height 261 feet.

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																STATION.
											8 hrs. L. M. T.									17 hrs. I. S. T								
8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																													Bay Islands
6	− 1·4	7·4	4·23	− 2·68	1·82	12	5	− 2·7	5·6	+ 0·1	5	18	4	0	0	0	0	2	2	0	17	12	0	0	0	0	0	2	*Port Blair
																													Lower Burma
6	+ 0·3	6·5	0·45	− 1·57	0·20	17	2	− 1·7	5·5	+ 0·1	1	24	4	0	0	0	0	0	2	0	16	11	1	1	0	0	0	2	Victoria Point
3	+ 2·5	6·1	1·93	+ 1·24	1·02	21	2	+ 0·5	5·1	+ 3·3	3	12	7	6	0	0	0	0	3	10	7	3	2	0	0	0	8	1	Mergui
7	+ 1·1	3·5	0	− 0·36	0		0	− 0·7	2·5	+ 1·1	3	2	0	0	1	0	0	0	25	3	2	2	0	0	0	0	4	20	Tavoy
7		4·0	0·15	+ 0·15	0·15	3	1	+ 1·0	4·9		0	6	22	2	0	0	0	0	1	5	2	3	0	0	2	5	12	2	Amherst
4	− 2·0	2·0	0·01	− 0·36	0·01	3	0	− 0·6	2·4	− 0·7	14	13	1	0	0	0	0	2	1	7	3	1	3	4	1	2	2	8	Rangoon
2		7·6	0	− 0·40	0		0	− 0·5	2·2	·	26	0	0	1	0	0	0	1	3	3	1	1	2	0	0	0	0	24	Tharrawaddy
4	− 0·2	0·9	0	− 0·40	0		0	− 0·7	2·8	− 0·2	6	10	1	0	0	0	0	3	11	2	2	1	0	0	0	1	5	20	Bassein
6	+ 2·5	6·8	0·12	− 0·80	0·12	12	1	0	8·3		12	14	3	0	0	0	0	2	0	3	5	2	2	0	0	0	17	2	Diamond Island
5		1·0	0	− 0·44	0		0	− 0·6	2·7		1	0	0	1	0	0	0	0	29	1	0	0	0	0	0	2	28	0	Gwa
0		1·4	0		0		0		1·0		0	1	1	0	0	0	0	0	29	0	0	0	0	0	0	0	0	31	Sandoway
3	+ 0·4	2·6	0	− 0·45	0		0	− 0·6	2·7	+ 1·0	7	0	0	0	0	0	7	16	1	0	0	0	0	0	0	9	8	14	Toungoo
2	+ 0·1	3·7	0	− 0·62	0		0	− 0·7	4·3	+ 2·7	2	18	6	1	1	1	0	1	1	1	0	0	0	0	1	6	21	2	Kyaukpyu
2	− 0·1	0·8	0	− 0·76	0		0	− 0·9	6·4		19	9	0	0	0	0	0	3	0	2	0	0	0	0	4	17	8	0	Akyab
																													Upper Burma
7	− 2·1	0·6	0	− 0·51	0		0	− 0·7	3·8	+ 0·2	0	0	0	0	0	0	1	26	4	0	0	0	0	0	0	0	25	6	Minbu
4	− 0·7	0·6	0	− 0·50	0		0	− 0·9	0·7		8	0	0	0	0	0	0	0	23	0	0	0	0	0	0	0	0	31	Yamethin
1	+ 2·3	1·1	0	− 0·38	0		0	− 0·8	2·3	− 0·1	5	1	2	4	4	0	1	0	14	12	3	0	0	0	0	4	3	9	Mandalay
3	− 1·0	0·6	0	− 0·34	0		0	− 0·8	2·0	+ 0·5	10	2	0	1	1	0	3	11	3	2	0	0	0	0	0	0	5	24	Monywa
5	− 0·8	1·7	0	− 0·86	0		0	− 1·4	0·8	− 0·6	0	0	0	1	0	0	0	0	30	0	0	0	0	1	11	5	0	14	Lashio
3	+ 3·6	1·4	0	− 0·57	0		0	− 1·0	1·3	+ 0·1	12	4	0	0	0	0	0	4	11	7	7	0	0	0	0	0	0	17	Bhamo
3	− 1·7	1·3	0	− 0·42	0		0	− 1·4	2·5	+ 1·1	11	10	2	0	0	2	2	3	1	1	0	0	0	0	8	3	0	19	Myitkyina
																													Assam
8	− 1·1	1·5	0·34	− 0·05	0·34	31	1	− 0·1	1·0	+ 0·7	0	0	12	0	0	0	0	0	19	1	0	1	0	0	0	0	0	29	Dibrugarh
2	+ 1·9	3·2	0·07	− 0·45	0·07	31	0	− 1·5	1·9	+ 0·9	5	3	1	1	1	1	0	2	12	9	4	1	2	2	0	2	6	5	Sibsagar
2	− 1·1	0·6	0	− 0·23	0		0	− 0·5	1·5	0	0	15	10	0	0	0	0	0	6	1	2	1	0	0	0	0	0	27	Tezpur
2	− 4·0	2·0	0	− 0·15	0		0	− 0·4	1·6	+ 0·6	3	4	3	3	2	0	1	1	14	0	2	5	1	1	0	0	0	22	Gauhati
4	+ 0·8	2·5	0	− 0·07	0		0	− 0·1	4·0	+ 0·5	1	16	7	2	1	0	0	0	4	2	12	6	0	1	4	1	1	4	Dhubri
0	+ 0·2	1·5	0	− 0·39	0		0	− 0·7	1·0	+ 0·1	0	4	12	4	0	0	0	0	11	2	4	0	0	0	3	1	0	21	Silchar
9	− 0·4	0·5	0	− 0·23	0		0	− 0·6	1·0		2	0	2	4	1	4	2	2	14	0	1	2	2	0	2	0	0	24	Srimangal
																													Bengal
0	− 0·8	0·3	0	− 0·51	0		0	− 0·6	2·7	+ 1·4	5	13	6	0	0	0	0	0	7	0	1	0	0	0	0	2	19	9	Cox's Bazar
4	− 1·5	0·4	0	− 0·70	0		0	− 0·8	3·7		14	13	1	0	0	0	0	3	0	2	0	0	0	0	5	14	10	0	Chittagong
3	− 1·1	0·7	0		0		0		3·0	+ 1·8	20	2	0	0	0	0	0	9	0	1	0	0	0	1	2	19	8	0	Noakhali
8	+ 0·8	2·0	0	− 0·23	0		0	− 0·3	1·0		5	0	0	0	1	0	0	1	24	0	0	0	0	0	1	0	0	30	Comilla
5		0·3	0	− 0·31	0		0	− 0·7	1·1		6	4	0	0	3	5	0	4	3	0	0	0	0	1	1	0	1	28	Brahmanbaria
2	− 1·8	0·2	0	− 0·19	0		0	− 0·5	1·2	− 0·1	2	1	1	0	1	0	2	17	7	1	0	0	0	0	0	11	2	17	Narayanganj
1	− 0·8	1·1	0	− 0·07	0		0	− 0·3	1·2	+ 0·7	2	4	2	1	0	0	1	1	20	0	0	0	1	0	0	2	0	28	Mymensingh
2	− 0·9	0·1	0	− 0·12	0		0	− 0·3	1·5		1	1	0	0	0	0	2	16	11	0	0	0	0	0	0	1	1	29	Faridpur
0	− 1·4	0·2	0	− 0·39	0		0	− 0·7	2·1	+ 1·2	8	0	0	0	0	0	2	7	14	1	0	0	0	0	0	0	1	29	Barisal
2	− 0·9	0·3	0	− 0·43	0		0	− 0·3	2·3		11	2	0	0	0	0	2	12	4	4	0	0	0	0	0	2	3	22	Khulna
3	− 0·9	0·2	0	− 0·20	0		0	− 0·5	1·6	+ 0·6	4	0	0	0	0	0	1	13	13	0	0	0	0	0	0	1	1	29	Jessore
1	− 0·8	0·3	0	− 0·27	0		0	− 0·3	1·3		9	0	0	0	0	1	1	8	12	1	0	0	0	0	0	0	0	30	Satkhira
7	− 0·8	0·6	0	− 0·20	0		0	− 0·4	1·5	− 0·4	12	1	0	0	0	0	0	7	11	2	0	0	0	0	0	0	2	27	Calcutta
8	− 0·6	1·5	0	− 0·27	0		0	− 0·5	6·3	+ 1·6	18	7	1	0	0	1	0	4	0	9	6	1	0	6	5	1	2	1	Saugor Island
8	− 1·6	0·5	0	− 0·49	0		0	− 0·3			18	4	1	0	0	0	1	6	1	19	3	1	0	0	0	2	6	0	Sandheads
2	− 1·0	0·7	0	− 0·25	0		0	− 0·3	1·5	0	17	0	0	0	0	0	0	3	11	3	0	0	0	0	0	0	0	28	Midnapore
7	− 0·9	1·1	0	− 0·15	0		0	− 0·3	1·8		9	0	0	0	0	0	0	15	7	2	0	0	0	0	0	0	3	26	Burdwan
4	− 1·2	0·8	0	− 0·09	0		0	− 0·2	1·1		3	0	0	0	0	0	2	17	9	0	0	0	0	0	0	0	0	31	Krishnagar
8	− 0·6	1·4	0	− 0·24	0		0	− 0·4	4·1		7	0	0	0	0	0	7	17	0	10	1	0	0	0	0	4	15	1	Asansol
9	− 0·7	1·4	0	− 0·12	0		0	− 0·3	1·2	+ 0·3	5	0	1	0	0	1	0	11	13	0	0	0	0	0	0	0	0	31	Berhampore
5	− 0·7	1·8	0	− 0·05	0		0	− 0·1	1·8	+ 1·0	10	8	0	0	0	1	3	6	3	0	0	0	1	0	3	6	1	20	Bogra
6	0	0·5	0	− 0·05	0		0	− 0·1	3·3		13	0	0	0	0	1	1	10	6	3	0	0	0	0	0	8	14	6	Malda
6	− 0·4	1·0	0	− 0·06	0		0	− 0·1	1·2	0	0	0	0	0	0	1	3	0	27	0	0	0	0	0	0	0	0	31	Dinajpur
2	+ 0·2	1·7	0	− 0·11	0		0	− 0·3	1·5	+ 0·7	20	5	1	1	1	0	0	0	3	0	3	1	0	0	1	3	0	23	Jalpaiguri

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Relative humidity %		
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Orissa																						
Balasore ...	65	29·952	– ·026	29·839	80·6	+ 0·7	88	1	54·6	– 0·7	52	5 days	61·6	71·6	55·5	62·1	·353	– ·062	·428	66	– 12	5
Chandbali ...	20	29·994	– ·025	29·898	81·1	+ 2·0	88	1	55·5	– 2·0	51	11, 12	61·1	73·0	58·1	63·8	·442		·475	82	+ 3	5
Puri ...	20	29·992	– ·016	29·889	80·5	– 0·2	84	2	62·0	– 0·1	59	15	65·5	74·9	61·1	66·1	·476	– ·030	·521	77	– 1	6
Gopalpur ...	56	29·951	– ·022	29·844	81·3	+ 1·4	85	1, 2	59·9	– 1·1	57	4 days	66·8	76·0	60·8	66·9	·456	– ·044	·540	72	– 5	6
Cuttack ...	87	29·937	– ·013	29·827	82·8	+ 1·8	88	1	56·1	– 2·6	52	12	62·2	76·4	58·7	64·5	·452	+ ·001	·456	80	+ 2	4
Angul ...	455	29·540	– ·027	29·430	81·3	+ 1·7	85	1	53·1	– 1·3	51	11 days	59·0	76·2	54·8	61·0	·376	– ·044	·336	75	0	3
Sambalpur ...	486	29·528	– ·026	29·409	81·8	+ 2·1	87	28	49·4	– 4·3	46	12, 13	58·3	76·1	55·0	62·5	·386	– ·019	·394	80	+ 5	4
Chota Nagpur																						
Jamshedpur ...	423	29·589			80·1		85	1	48·6		46	11 days	55·3		51·5		·321			76		
Chaibasa ...	742	29·238	– ·035	29·128					49·7	– 1·7	47	10,16,17	57·3	73·2	53·0	62·4	·342	– ·050	·408	74	– 10	5
Ranchi ...	2,150	27·807	– ·025	27·736	71·8	– 1·3	79	1	47·3	– 3·6	44	4 days	56·5	67·9	49·3	53·9	·261	– ·041	·244	58	– 6	3
Hazaribagh ...	2,006	27·963	– ·016	27·891	73·0	+ 0·7	78	1	45·8	– 4·7	41	2	56·4	64·7	50·2	54·3	·281	– ·022	·278	63	+ 1	4
Daltonganj ...	725	29·286	– ·026	29·184	76·2	– 0·4	81	22	43·7	– 1·9	41	2, 15, 18	48·9	73·0	46·5	58·0	·289	– ·048	·282	83	0	3
Bihar																						
Purnea ...	124	29·886	– ·041	29·781	78·6	+ 2·9	83	14	48·3	– 1·2	43	2	54·5	69·7	53·0	62·7	·382	– ·002	·481	90	0	6
Darbhanga ...	161	29·848	– ·041	29·754	77·3		83	14	49·5		47	6 days	55·4	68·8	53·6	62·3	·390		·468	88		6
Motibari ...	220	29·779	– ·053	29·692	76·9	+ 2·0	80	7, 13, 14	48·3	+ 0·8	45	1, 18, 28	55·5	69·9	52·9	61·8	·369	– ·023	·448	84	– 7	6
Patna ...	173	29·850	– ·034	29·758	75·6	+ 1·5	79	7, 13	49·7	– 2·1	46	1, 27, 28	57·0	69·9	51·7	59·0	·315	– ·050	·353	67	– 7	4
Gaya ...	372	29·646	– ·031	29·546	78·8	+ 2·7	81	6 days	50·4	– 0·9	48	2, 3, 18	59·7	71·5	53·2	61·8	·316	– ·021	·428	62	– 9	5
Naya Dumka ...	489	29·493	– ·047	29·391	77·7	+ 1·7	82	23	49·5	– 1·7	44	29	57·4	69·5	53·1	61·0	·342	– ·018	·422	73	+ 1	5
Sabour ...	122	29·893		29·794	75·1		78	1, 14, 23	45·5		42	5 days	54·3	66·6	51·7	60·1	·351		·430	83		6
United Provinces, East																						
Gonda ...	360	29·654		29·577	76·2		79	6, 12, 13	46·9		41	31	52·4	67·0	49·9	59·0	·327		·392	83		5
Gorakhpur ...	257	29·751	– ·029	29·670	76·2	+ 2·1	80	13	49·5	– 0·1	45	31	55·5	70·0	51·5	60·1	·321	– ·041	·384	75	– 6	5
Benares ...	250	29·765	– ·038	29·682	75·1	0	79	22	46·2	– 1·4	44	6 days	54·1	70·5	49·5	57·7	·287	– ·063	·309	71	– 9	4
Allahabad ...	309	29·707	– ·037	29·624	76·2	+ 0·5	82	22	46·8	– 0·9	42	4	52·0	70·6	48·4	57·6	·288	– ·041	·309	76	+ 1	4
Fatehpur ...	375	29·639		29·542	77·3		83	21, 22	45·4		40	4	57·4	70·4	51·9	60·3	·315		·384	67		5
Cawnpore ...	416	29·587	– ·047	29·516	78·6	+ 3·1	86	22	48·9	+ 1·6	44	4	51·4	71·4	47·5	58·0	·269	– ·040	·302	74	– 2	4
Lucknow ...	371	29·629	– ·046	29·545	76·3	+ 0·7	83	22	46·4	– 0·1	42	31	51·2	68·1	48·0	58·8	·295	– ·020	·372	78	+ 1	5
Bahraich ...	407	29·579	– ·040	29·506	76·3	+ 1·5	79	5 days	47·9	+ 0·2	42	31	52·5	69·7	50·0	59·3	·327	– ·006	·359	82	+ 1	5
United Provinces, West																						
Jhansi ...	824	29·190	– ·036	29·105	79·0	+ 0·9	88	21, 22	46·5	– 4·8	40	5	58·1	73·9	49·0	56·6	·228	– ·069	·282	47	– 13	2
Agra ...	554	29·459	– ·039	29·381	75·7	– 0·6	82	20, 21	42·3	– 0·9	38	3, 5, 17	51·9	71·3	45·3	55·5	·213	– ·106	·220	56	– 19	3
Mainpuri ...	516	29·485	– ·038	29·408	76·5	+ 1·6	82	20, 21	44·3	– 2·3	40	2, 31	51·5	69·8	46·1	56·4	·238	– ·042	·269	62	– 10	3
Aligarh ...	615	29·378		29·304	74·5		81	20	45·2		41	3, 30	52·1	69·4	45·2	55·4	·206		·247	54		3
Bareilly ...	568	29·407	– ·050	29·334	75·4	+ 2·7	80	22	45·3	– 0·6	39	30	49·1	68·8	46·1	57·3	·270	– ·036	·312	70	– 2	4
Roorkee ...	899	29·077	– ·039	29·000	78·4	+ 1·9	79	21	41·4	– 1·7	33	31	49·1	67·4	45·2	54·6	·246	– ·031	·260	72	– 12	3
Dehra Dun ...	2,289	27·710	– ·036	27·661	72·6	+ 3·8	77	28	41·7	– 3·9	36	27	46·6	65·7	42·7	54·2	·228	– ·036	·275	72	– 2	4
Punjab, East and North																						
New Delhi ...	714	29·277	– ·041	29·202	74·9		81	20	42·0		38	3, 4, 31	47·3	71·6	40·6	53·5	·171		·164	50		2
Hansi ...	711	29·288			74·9		82	20	41·1		35	3, 4, 26	48·0		42·2		·188			58		
Hissar ...	725	29·286	– ·023	29·215	76·9	+ 3·3	82	20	41·3	– 1·7	34	26	47·5	69·4	42·5	55·9	·211	– ·029	·269	64	– 8	3
Ambala ...	892	29·100	– ·023	29·037	75·0	+ 2·9	79	21	42·2	– 0·9	34	3	48·6	70·5	43·5	53·3	·211	– ·054	·177	63	– 17	2
Ludhiana ...	812	29·180	– ·035	29·111	74·9	+ 4·6	78	5 days	40·5	– 3·9	34	29	48·1	69·0	42·7	54·0	·204	– ·051	·218	61	– 15	5
Lahore ...	702	29·290	– ·046	29·230	73·4	+ 0·5	78	18	39·6	– 0·2	34	4 days	45·2	67·9	43·5	55·6	·257	+ ·001	·282	87	+ 6	4
Sialkot ...	830	29·156	– ·047	29·080	70·5	+ 1·2	76	6	41·2	– 1·0	35	28,29,31	46·7	64·7	43·2	54·8	·231	– ·052	·300	75	– 12	4
Rawalpindi ...	1,674	28·304	– ·042	28·244	67·6	+ 0·8	77	14	34·5	– 2·9	28	31	42·8	61·7	39·2	49·4	·194	– ·016	·193	72	– 3	3
Punjab, Southwest																						
Khushab ...	612	29·397	– ·056	29·325	73·7	+ 2·0	81	13,14,15	40·5	– 1·1	35	3, 29, 30	45·9	70·7	40·4	54·6	·175	– ·024	·220	59	– 1	2
Lyallpur ...	605	29·397	– ·043	29·339	73·2	+ 3·3	78	17	41·2	– 0·1	35	24	49·3	68·2	43·7	54·8	·215	– ·039	·253	61	– 19	3
Montgomery ...	558	29·461	– ·038	29·392	73·3	+ 1·2	79	17	41·3	– 1·3	35	25, 27	47·0	70·3	43·5	59·6	·231	– ·024	·377	73	+ 1	5
Multan ...	413	29·623	– ·037	29·542	74·0	+ 2·5	79	15,17,18	41·5	– 1·1	36	28, 29	49·4	70·9	44·0	55·5	·215	– ·089	·227	62	– 16	3
Fort Abbas ...	475	29·558		29·471	75·8		82	17	39·0		33	25	49·7	72·1	42·5	55·8	·185		·229	51		2
Bahawalpur ...	384	29·661		29·575	75·6		85	18	40·5		34	24, 25	48·5	68·4	43·0	55·9	·204		·282	60		4
Khanpur ...	297	29·748		29·662	76·5		82	14, 16	41·5		35	30	49·2	73·4	43·1	56·3	·198		·222	57		2

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																	STATION.
											8 hrs. L. M. T.									17 hrs. I. S. T.								
8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																													Orissa
·3	− 0·2	1·0	0	− 0·21	0		0	− 0·4	2·6	+ 1·3	19	4	0	0	0	0	0	8	0	2	0	0	2	6	1	0	0	20	Balasore
·8		0·7	0	− 0·31	0		0	− 0·5	3·2		8	0	0	0	0	0	7	16	0	2	5	13	10	1	0	0	0	0	Chandbali
·1	− 0·5	1·2	0	− 0·30	0		0	− 0·4	6·2	+ 0·6	27	3	0	0	0	0	0	1	0	2	1	1	8	12	5	0	0	2	Puri
·4	− 0·1	1·7	0	− 0·74	0		0	− 0·9	6·4	+ 0·2	15	0	0	0	0	0	0	16	0	3	1	22	5	0	0	0	0	0	Gopalpur
·7	− 0·5	1·2	0	− 0·28	0		0	− 0·5	2·0	+ 1·1	2	1	1	0	0	3	10	3	11	1	0	0	0	0	0	3	3	24	Cuttack
·0	+ 0·3	2·5	0	− 0·21	0		0	− 0·5	3·5	+ 0·5	1	1	0	0	0	0	14	15	0	20	5	0	0	0	0	1	5	0	Angul
·1	− 0·6	1·4	0	− 0·22	0		0	− 0·3	1·3	− 0·9	12	2	0	0	0	0	0	0	17	1	0	0	0	0	0	0	2	28	Sambalpur
																													Chota Nagpur
·8			0		0		0		2·1		0	0	1	0	0	0	9	6	15										Jamshedpur
·0	− 0·6	1·9	0	− 0·18	0		0	− 0·4	1·6	+ 0·7	1	1	1	0	5	12	8	1	2	1	2	0	0	0	0	1	1	26	Chaibasa
·0	− 0·6	0·8	0	− 0·18	0		0	− 0·5	3·3	0	5	0	0	0	2	2	2	7	13	14	0	0	0	0	0	0	15	2	Ranchi
·3	− 0·4	0·9	0	− 0·21	0		0	− 0·4	5·2	+ 1·4	6	0	0	0	1	1	6	12	5	12	0	0	0	0	0	1	18	0	Hazaribagh
·3	+ 0·2	1·1	0	− 0·19	0		0	− 0·4	1·5	+ 0·1	0	0	2	2	3	0	0	0	24	1	0	0	0	0	0	13	7	10	Daltonganj
																													Bihar
·4	− 0·6	0·6	0	− 0·13	0		0	− 0·2	1·4	+ 0·4	0	1	0	0	1	13	2	1	13	0	0	0	0	0	1	1	0	29	Purnea
·5	− 0·2	0·8	0		0		0		0·2	− 1·0	0	0	0	0	0	1	5	0	25	0	0	0	0	0	0	0	0	31	Darbhanga
·7	− 0·8	1·0	0	− 0·14	0		0	− 0·4	1·1		1	0	0	0	0	1	5	1	23	0	0	0	0	0	0	2	0	29	Motihari
·7	− 0·3	1·1	0	− 0·09	0		0	− 0·3	2·9	+ 1·4	0	0	0	0	2	17	12	0	0	1	0	0	0	0	0	10	12	8	Patna
·5	− 0·9	0·7	0	− 0·13	0		0	− 0·2	2·5	+ 0·8	1	0	1	15	8	3	1	2	0	2	1	0	0	0	1	10	14	3	Gaya
·7	− 0·2	0·5	0	− 0·10	0		0	− 0·2	2·0	+ 1·1	0	2	0	0	0	1	3	16	9	0	0	0	0	0	2	0	13	16	Naya Dumka
·7		0·5	0	− 0·08	0		0	− 0·2	2·8		0	0	0	2	5	5	5	0	14	1	0	0	0	0	0	3	15	12	Sahour
																													United Provinces, East
·7		2·0	0		0		0		2·0		1	0	1	0	0	1	13	7	8	0	0	0	0	0	3	12	4	12	Gonda
·0	+ 1·2	2·2	0	− 0·14	0		0	− 0·3	1·2		0	0	0	0	0	2	6	3	20	0	0	0	0	0	0	4	1	26	Gorakhpur
·7	− 0·5	1·5	0	− 0·21	0		0	− 0·5	4·0	+ 2·6	0	1	0	0	2	16	11	0	1	1	1	0	0	0	1	17	11	0	Benares
·5	− 0·1	2·1	0	− 0·23	0		0	− 0·5	4·2	+ 2·4	0	0	0	1	1	8	14	2	5	4	0	1	0	0	1	7	9	9	Allahabad
·5		2·1	0		0		0		1·7		1	0	2	0	1	6	4	11	6	0	0	0	0	0	0	0	3	28	Fatehpur
·2	+ 0·3	1·2	0	− 0·18	0		0	− 0·6	2·1	+ 0·6	0	0	0	1	0	2	9	8	11	3	0	2	0	0	0	8	12	6	Cawnpore
·8	+ 0·6	2·3	0	− 0·28	0		0	− 0·6	0·1	− 1·0	1	0	0	0	0	0	1	0	29	0	0	0	0	0	0	0	0	31	Lucknow
·3	+ 1·3	3·1	0	− 0·25	0		0	− 0·6	2·1	+ 1·0	1	0	0	1	2	10	3	9	5	0	0	0	0	0	11	12	4	4	Bahraich
																													United Provinces, West
·5	+ 0·4	2·2	0	− 0·23	0		0	− 0·7	2·2	+ 0·6	0	2	0	1	0	6	4	2	16	3	9	5	0	0	0	1	5	8	Jhansi
·1	+ 0·7	3·2	0	− 0·27	0		0	− 0·7	2·4	+ 0·3	1	0	2	0	1	1	14	2	10	8	0	2	0	0	1	2	6	12	Agra
·7	0	3·0	0	− 0·24	0		0	− 0·8	2·1	+ 1·2	0	1	0	1	0	1	6	6	16	0	0	0	0	0	1	5	6	19	Mainpuri
·4		2·4	0		0		0		3·1		3	0	1	1	0	0	14	4	8	2	0	0	1	0	0	7	8	13	Aligarh
·5	+ 2·0	3·1	0	− 0·33	0		0	− 0·8	2·2	+ 1·2	1	1	1	0	0	2	8	4	14	1	0	0	1	0	0	10	2	17	Bareilly
·3	+ 0·4	3·7	0	− 0·54	0		0	− 1·2	2·1	+ 1·0	2	0	0	4	1	0	1	11	12	0	0	0	2	0	0	1	14	14	Roorkee
·1	− 1·0	3·6	0	− 0·78	0		0	− 1·4	1·9	+ 1·0	2	2	0	0	0	1	8	5	13	0	0	0	0	2	2	11	1	15	Dehra Dun
																													Punjab, East and North
·4	+ 0·4	2·9	0	− 0·40	0		0	− 0·9	6·8	+ 4·9	0	0	1	0	1	6	16	0	7	4	1	1	2	0	0	9	11	3	New Delhi
·5			0		0		0				2	1	1	3	1	1	4	4	14										Hansi
·7	− 0·4	2·0	0	− 0·43	0		0	− 1·0	3·3	+ 0·2	0	2	4	2	5	6	7	2	3	4	1	1	1	0	0	6	11	7	Hissar
·4	0	3·5	0	− 0·57	0		0	− 1·3	2·3	+ 0·6	4	1	2	2	0	2	1	10	9	7	0	0	2	0	0	5	16	1	Ambala
·5	0	2·5	0·02	− 0·63	0·02	7	0	− 1·3	1·8	+ 1·0	2	1	0	2	1	3	4	4	14	0	2	1	0	0	1	4	18	5	Ludhiana
·5	− 0·2	5·4	0·02	− 0·34	0·02	21	0	− 1·0	1·4	+ 0·5	3	0	0	3	0	1	5	3	16	3	1	0	0	0	0	4	5	18	Lahore
·7	− 0·8	2·1	0·22	− 0·44	0·22	21	1	− 0·2	1·5	+ 0·8	0	7	0	2	1	1	0	3	17	0	0	0	0	0	6	0	8	17	Sialkot
·3	− 0·3	4·1	1·10	0	0·97	21	2	0	2·6	+ 1·4	3	5	0	0	0	2	1	0	20	1	1	0	0	0	9	11	5	4	Rawalpindi
																													Punjab, Southwest
·5	+ 0·6	4·0	0·34	− 0·11	0·34	21	1	+ 0·2	2·8	+ 0·9	0	5	4	0	2	1	2	1	16	5	4	3	1	1	5	4	0	8	Khushab
·2	− 1·1	3·4	0·03	− 0·30	0·03	21	0	− 1·1	1·7	+ 0·4	0	1	1	2	1	2	4	3	17	1	2	0	0	1	2	5	7	13	Lyallpur
·3	− 1·2	1·9	0	− 0·30	0		0	− 1·0	1·0	− 1·1	2	0	1	2	0	0	3	1	22	1	0	0	0	1	0	3	1	25	Montgomery
·2	+ 0·1	2·2	0	− 0·22	0		0	− 0·6	1·9	+ 1·1	8	6	1	4	6	3	0	3	0	11	2	0	1	7	4	1	3	2	Multan
·7		2·5	0		0		0		3·8		2	2	6	6	4	1	1	0	9	9	2	1	1	0	5	4	5	4	Fort Abbas
·6		1·5	0	− 0·32	0		0	− 0·4	1·6		2	6	4	4	4	2	0	1	8	2	4	0	0	0	2	2	2	19	Bahawalpur
·7		1·2	0	− 0·04	0		0	− 0·1	3·2		9	3	4	2	4	1	2	2	4	4	7	4	2	0	4	3	3	4	Khanpur

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature. °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Relativ humidi %	
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Kashmir																					
Srinagar ...	5,205	25·001	- ·002	24·943	47·2	- 0·7	61	6	29·2	+ 1·8	20	1, 2	32·6	43·3	30·8	37·5	·154	+ ·001	·158	82	- 8
Gulmarg ...								Closed during winter months.													
Muzaffarabad ...	2,343	27·609	- ·046		64·7	+ 2·0	74	15	41·3	+ 2·5	34	22	44·6		41·0		·214	- ·003		72	- 5
Dras ...	10,059	20·884	+ ·074		25·8	+ 0·1	39	4, 5	1·3	+ 2·4	21	27	7·1		5·7		·048	- ·016		75	- 13
Leh ...	11,503	19·731	+ ·045		36·1	+ 0·4	45	6	11·4	- 1·4	3	31	16·2		13·1		·058	+ ·006		62	+ 6
Skardu ...	7,505				43·1	+ 2·8	55	6	24·3	+ 2·6	17	28	27·1		24·8		·112	- ·011		76	- 13
Gilgit ...	4,890				49·8	+ 0·3	57	5	35·5	+ 2·0	29	29	37·2		32·4		·127	- ·004		60	0
N.-W. F. Province																					
Peshawar ...	1,164	28·864	- ·039	28·796	68·2	+ 1·6	78	13	39·8	- 0·7	34	30	45·0	63·8	40·5	51·5	·197	- ·006	·208	65	- 1
Miranshah ...	3,026				64·7		73	15, 16	38·6		32	24	42·7		36·5		·146			52	
Dera Ismail Khan ...	570	29·475	- ·016	29·403	78·9	+ 2·2	81	13, 14	39·7	- 0·9	32	30	48·7	68·3	44·7	60·6	·246	+ ·024	·436	73	+ 1
Baluchistan																					
Fort Sandeman ...	4,614	25·487	- ·017	25·428	60·4	+ 0·1	68	2	33·5	+ 1·0	28	4 days	36·2	59·1	30·8	44·1	·116	- ·059	·116	55	- 9
Sibi ...	441	29·601			75·7		84	15	43·0		35	26	48·7		40·5		·152			42	
Quetta ...	5,540	24·645	- ·024	[a]24·586	55·6		65	4 days	27·2		18	1	35·8	52·5	32·1	42·9	·112		·168	71	
Chaman ...	4,311	25·763	- ·029	25·719	56·8	+ 2·7	70	17	39·8	+ 3·9	30	22	46·0	56·2	38·5	44·5	·152	- ·023	·167	51	- 7
Kalat ...	6,616	23·688	+ ·013		55·2	- 0·1	66	3	27·0	+ 3·8	17	1	33·7		27·8		·097	- ·081		51	- 31
Dalbandin ...	2,780	27·218	- ·038	27·137	65·7	+ 1·2	77	14, 17	35·7	+ 1·0	22	1	43·8	64·6	38·2	52·7	·161	- ·052	·254	58	- 10
Nokkundi ...	2,229	27·726		27·639	68·3		78	13, 17	42·7		29	23	50·4	68·1	41·5	53·0	·146		·217	42	
Las Bela ...	292	29·736		29·617	83·1		89	11, 14	44·8		35	1	59·9	80·5	51·6	65·0	·275		·409	53	
Ormara ...	15	30·028		29·937	76·7		82	13,14,19	54·9		49	1, 26	61·7	74·7	57·0	61·4	·405		·356	74	
Pasni ...	10	30·029	- ·034	29·941	76·7	- 0·9	83	19	56·1	+ 0·5	47	1	60·6	74·5	56·0	64·6	·388	- ·036	·482	73	+ 2
Panjgur ...	3,177	26·833	- ·018	26·745	67·3	+ 1·5	75	12, 15	40·2	+ 1·2	32	22,23,24	45·3	64·7	40·1	53·9	·186	- ·014	·281	63	+ 1
Jiwani ...	~~13~~ 18	30·047		29·956	76·6		85	19	56·1		45	22	60·9	74·6	57·5	64·2	·418		·455	79	
Sind																					
Jacobabad ...	186	29·852	- ·045	29·762	78·2	+ 2·0	84	15	42·3	- 1·9	36	24, 25	47·4	75·6	42·5	57·4	·211	- ·029	·225	64	0
Sukkur ...	221	29·823			76·2		83	17	47·5		41	25,26,27	51·3		46·8		·263			70	
Naushahro ...	140	29·902		29·792	79·9		86	18	41·8		35	4 days	48·6	76·5	44·3	57·3	·228		·212	70	
Chhor ...	19	30·021		29·918	83·9		89	4 days	46·3		36	25	56·4	79·1	48·2	61·2	·229		·296	51	
Hyderabad ...	96	29·956	- ·022	29·859	77·4	- 1·2	86	17	51·8	- 0·3	43	24	56·5	76·2	48·1	56·7	·231	- ·050	·205	49	- 8
Karachi (Drigh Road)	77	29·965		29·862	80·8		87	6	51·1		48	1, 27	58·5	78·1	49·3	58·1	·228		·216	49	
Karachi (Manora) ...	13	30·015	- ·046	29·923	79·2	+ 1·0	85	14	58·6	- 0·9	52	25	61·8	76·0	53·3	62·0	·289	- ·054	·368	54	- 5
Badin ...	37	30·001		29·902	79·8		85	4 days	48·8		39	26	57·5	78·4	49·1	58·2	·235		·216	51	
Rajputana, West																					
Sri Ganganagar ...	580	29·435		29·363	75·2		81	17	37·5		30	25	48·0	70·4	42·1	54·6	·188		·220	58	
Bikaner ...	734	29·277	+ ·021	29·192	76·3		83	18, 21	40·8		33	27	49·4	73·0	41·6	55·1	·161		·194	47	
Jodhpur ...	789	29·229	- ·022	29·130	80·9	+ 1·3	86	4, 30	53·6	+ 1·4	48	17	58·7	78·9	46·7	56·7	·164	- ·037	·172	33	- 9
Barmer ...	638	29·364		29·269	80·1		86	18, 29	53·2		47	16	58·2	77·9	48·1	57·4	·202		·192	42	
Rajputana, East																					
Jaipur ...	1,431	28·556	- ·040	28·481	77·4	+ 0·6	83	20, 30	47·8	+ 0·6	41	1	56·5	73·1	48·0	57·1	·230	- ·018	·266	49	- 6
Ajmer ...	1,593	28·386	- ·048	28·301	76·6	+ 0·9	81	19,21,30	46·6	+ 0·2	38	1	57·3	72·9	47·1	54·6	·199	- ·060	·203	42	- 28
Kotah ...	843	29·159	- ·040	29·063	80·6	+ 1·5	87	21	51·5	- 1·4	45	1	58·6	76·5	49·2	58·6	·221	- ·061	·259	46	- 10
Brijnagar ...	1,053	28·934		28·838	81·0		88	26	47·9		37	1	57·6	76·4	48·9	58·8	·235		·266	50	
Gujarat																					
Deesa ...	466	29·511	- ·044	29·421	84·8	- 1·0	88	5	52·8	+ 0·5	42	1	62·5	82·0	50·6	60·2	·215	- ·031	·224	38	- 8
Bhuj ...	318	29·655	- ·029	29·557	82·9	+ 1·0	89	6	54·7	- 0·2	45	1	62·2	81·7	51·0	58·6	·228	- ·109	·193	41	- 16
Dwarka ...	37	29·957	- ·040	29·865	81·1	+ 0·2	87	12	62·2	+ 1·1	55	1	69·0	77·0	60·0	62·8	·397	- ·062	·388	57	- 9
Jamnagar ...	60	29·944	- ·033		80·6	- 1·0	89	6	56·0	+ 1·1	50	1	65·0		56·6		·352	+ ·010		57	+ 1
Rajkot ...	492	29·587	- ·037	29·438	87·0	+ 2·0	92	5	55·6	+ 2·8	42	1	65·1	84·7	51·9	60·3	·216	- ·066	·191	35	- 13
Veraval ...	19	29·945	- ·037	29·851	87·5	+ 3·4	92	9, 27, 28	63·6	+ 1·3	57	1, 31	72·5	78·7	59·8	72·2	·350	+ ·001	·696	44	- 6
Surat ...	39	29·925	- ·041	29·826	91·4	+ 3·7	96	27	61·5	+ 2·9	54	1	68·3	87·0	57·5	67·5	·318	- ·078	·399	48	- 13
Bhavnagar ...	55	29·932	- ·035	29·821	86·3	+ 1·0	90	28,30,31	56·3	+ 0·4	48	1	62·8	84·0	51·0	63·3	·215	- ·102	·301	39	- 15
Ahmadabad ...	163	29·834	- ·030	29·725	88·6	+ 2·2	92	27, 31	61·6	+ 2·3	55	1	68·8	83·3	54·6	62·8	·247	- ·048	·301	34	- 12
Dohad ...	1,093	28·875			86·3		91	28, 30	55·0		49	1	61·3		52·3		·268			50	
Baroda ...	115	29·863		29·756	89·2		93	26	51·7		44	15,16,17	61·2	88·9	53·9	67·4	·319		·439	59	

a—Mean of 30 days.

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																	STATION.
											8 hrs. L. M. T.									17 hrs. I. S. T.									
8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																													Kashmir
·0	+ 2·2	7·5	0·94	− 0·50	0·72	21	2	− 1·6	2·6	+ 0·8	0	0	0	5	7	6	3	4	6	5	0	0	1	4	2	10	6	3	Srinagar
																													Gulmarg
·1	− 2·0		2·19	− 0·68	1·00	21	4	− 0·6	2·8	+ 2·0	3	1	0	0	0	1	0	1	25										Muzaffarabad
·5	+ 0·2		4·24	+ 2·51	1·86	21	7	+ 1·2	0·9	+ 0·3	0	0	0	0	0	0	0	0	31										Dras
·8	+ 0·1		0·02	− 0·14	0·02	11	0	− 0·5	2·8	+ 1·6	9	4	8	0	2	0	1	0	7										Leh
·3	+ 1·8		0·21	− 0·18	0·10	21	1	− 0·2	0·7	− 0·7	0	1	0	0	0	0	0	1	29										Skardu
·0	+ 1·2		0·10	− 0·01	0·10	10	1	+ 0·7	0·3	− 0·4	0	0	0	0	0	2	0	0	29										Gilgit
																													N.-W. F. Province
·1	+ 0·1	5·0	0·92	+ 0·33	0·91	21	1	− 0·3	1·9	+ 0·7	0	0	0	2	8	11	1	0	9	2	1	0	1	3	2	0	0	22	Peshawar
·1			0·73		0·51	21	2		2·9		4	2	2	0	0	0	1	7	15										Miranshah
·5	− 0·2	2·5	0	− 0·20	0		0	− 0·6	0·9	+ 0·4	3	2	0	0	0	1	3	3	19	1	1	1	0	0	0	1	2	25	Dera Ismail Khan
																													Baluchistan
·6	+ 0·6	3·4	0·57	+ 0·01	0·52	21	1	− 0·5	2·4	+ 1·2	0	1	9	4	0	1	2	2	12	2	2	1	3	0	2	5	3	13	Fort Sandeman
·4			0·13		0·09	20	0		1·3		3	1	1	0	0	0	0	1	25										Sibi
·3	+ 0·9	3·7	0·43		0·19	26	2		4·6		1	2	0	11	11	1	0	0	5	12	2	0	1	3	4	2	7	0	Quetta
·7	+ 0·1	3·0	2·00	+ 0·79	1·20	20	3	− 0·1	4·7	+ 0·6	0	4	8	13	3	1	1	0	1	0	5	0	1	1	11	0	13	0	Chaman
·6	+ 0·6		0·63	− 0·32	0·48	20	2	− 0·1	4·2	+ 0·5	0	0	0	11	14	0	0	0	6										Kalat
·5	− 0·6	3·1	0·30	− 0·41	0·28	20	1	− 0·9	3·3	+ 0·6	4	9	6	0	0	0	1	1	10	2	7	6	3	3	4	4	0	2	Dalbandin
·6		3·2	0·08		0·08	20	0		4·9		8	8	4	0	1	0	1	5	4	3	1	3	6	5	3	4	2	4	Nokkundi
·1		1·3	0·42		0·42	20	1		1·9		12	1	1	0	0	0	0	10	7	0	0	1	0	11	5	1	0	13	Las Bela
·3		1·6	0·39		0·39	20	1		3·5		1	3	5	3	0	0	1	0	18	0	0	2	6	6	6	7	2	2	Ormara
·0	− 0·4	2·4	1·27	+ 0·29	1·27	20	1	− 0·6	5·5	+ 0·6	8	3	1	0	0	0	6	12	1	1	0	1	7	9	7	5	1	0	Pasni
·6	− 0·1	2·8	0·59	− 0·05	0·59	20	1	− 0·5	5·1	+ 0·6	4	22	5	0	0	0	0	0	0	7	4	0	0	2	10	6	2	0	Panjgur
·0		2·9	0·27		0·27	20	1		5·6		5	19	3	0	0	0	0	2	2	4	3	0	1	2	18	3	0	0	Jiwani
																													Sind
·6	+ 0·4	1·8	0·17	+ 0·04	0·17	20	1	+ 0·6	2·0	+ 0·8	5	1	2	1	2	0	3	3	14	6	4	0	1	0	3	1	10	6	Jacobabad
·1			0		0		0		2·3		1	4	6	11	0	0	0	0	9										Sukkur
·4		0·7	0	− 0·14	0		0	− 0·3	1·0		5	0	2	1	1	2	6	11	3	14	4	1	0	1	4	2	4	1	Naushahro
·4		2·8	0		0		0		4·0		11	15	1	0	0	1	0	1	2	12	12	0	0	0	0	2	2	3	Chhor
·1	+ 1·4	3·2	0	− 0·06	0		0	− 0·2	3·6	− 0·9	19	1	0	0	0	0	1	7	3	14	6	1	0	0	2	0	4	4	Hyderabad
·5		2·6	0·54		0·54	20	1		7·0		15	15	1	0	0	0	0	0	0	0	7	7	1	2	10	3	1	0	~~Karachi (Drigh Road)~~
·2	+ 0·3	2·6	0·22	+ 0·08	0·21	20	1	+ 0·5	5·7	− 0·1	5	22	3	0	0	0	0	0	1	0	3	5	1	2	13	6	0	1	Karachi (Manora)
·2		1·5	0		0		0		5·8		2	23	2	0	0	1	1	1	1	6	18	0	0	0	0	2	3	2	Badin
																													Rajputana, West
·6		2·5	0		0		0		4·3		3	4	4	4	1	5	5	3	2	10	2	0	1	0	2	2	13	1	Sri Ganganagar
·5	− 0·7	1·9	0·06		0·06	7	0		1·6	− 0·9	1	2	2	7	3	1	0	2	13	11	7	0	0	0	0	1	7	5	Bikaner
·6	+ 0·5	3·0	0	− 0·12	0		0	− 0·5	4·2	+ 1·7	6	15	4	1	0	0	0	0	5	6	10	2	0	0	2	1	5	5	Jodhpur
·5		3·5	0		0		0		5·2		5	1	0	0	0	0	0	22	3	5	11	3	0	0	1	3	3	5	Barmer
																													Rajputana, East
·6	− 0·3	2·2	0	− 0·21	0		0	− 0·6	1·8	− 1·3	2	6	4	1	0	0	0	0	18	3	0	0	2	1	2	3	7	13	Jaipur
·0	+ 0·3	2·9	0	− 0·28	0		0	− 0·5	0·3	− 0·9	0	1	0	1	1	0	0	0	28	1	0	0	0	0	0	1	2	27	Ajmer
·5	+ 2·2	4·2	0	− 0·26	0		0	− 0·6	1·0	− 0·1	0	1	0	1	0	2	6	1	20	2	2	0	0	0	0	0	1	26	Kotah
·2		2·6	0		0		0		1·4		4	0	1	2	1	0	0	2	21	8	12	1	0	0	0	0	1	9	Brijnagar
																													Gujarat
·4	+ 1·2	3·7	0	− 0·04	0		0	− 0·1	6·4	+ 0·8	0	22	6	1	0	0	0	0	2	8	3	1	0	0	3	0	8	8	Deesa
·2	+ 0·8	2·4	0	− 0·04	0		0	− 0·1	3·0	− 0·9	4	9	0	0	2	2	0	1	13	10	12	0	1	2	0	1	3	2	Bhuj
·8	+ 1·3	2·6	0	− 0·04	0		0	− 0·2	8·8	+ 1·5	4	21	2	1	0	1	0	1	1	8	7	1	0	0	0	1	14	0	Dwarka
·2	+ 2·5		0	− 0·04	0		0	− 0·1	1·9	− 3·2	5	5	1	0	0	0	0	0	20										Jamnagar
·3	+ 0·9	3·6	0	− 0·04	0		0	− 0·1	4·7	+ 1·3	3	10	10	4	0	0	0	2	2	9	11	4	2	1	0	0	4	0	Rajkot
·6	+ 1·1	3·0	0·15	+ 0·07	0·15	29	1	+ 0·8	4·5	+ 0·1	11	4	2	5	1	2	2	1	3	3	0	2	6	5	2	4	9	0	Veraval
·1	+ 1·6	2·7	0·02	− 0·02	0·02	29	0	− 0·1	4·1	+ 1·7	4	12	10	2	0	0	1	2	0	4	9	3	2	0	1	6	6	0	Surat
·4	+ 1·8	3·6	0·02	− 0·05	0·02	29	0	− 0·1	2·6	− 0·7	6	0	0	0	1	0	6	10	8	2	10	17	1	0	0	0	1	0	Bhavnagar
·3	+ 1·0	3·3	0	− 0·03	0		0	0	4·7	+ 1·3	3	15	11	1	0	1	0	0	0	3	7	6	1	1	0	2	6	5	Ahmadabad
·1			0		0		0				0	3	15	5	2	0	0	0	6										Dohad
·7		1·7	0		0		0		2·1		1	8	0	0	0	0	0	0	18	1	0	1	0	0	0	0	1	21	Baroda

a—Mean of 30 days.

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Relative humidity %	
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Central India, West																					
Neemuch ...	1,626	28·351	−·043	28·279	80·1	+ 1·6	87	30	49·9	+0·8	40	1	61·3	77·5	49·4	57·1	·200	−·059	·211	38	−16
Indore ...	1,823	28·140	−·038	28·057	80·7	+ 0·8	86	27, 31	49·2	−0·6	40	15	62·2	76·5	52·9	58·3	·287	−·025	·256	51	− 8
Bhopal ...	1,643	28·340		28·251	80·0		86	31	48·0		41	14, 16	59·0	76·5	50·7	58·8	·271		·282	52	
Guna ...	1,571	28·413		28·328	80·2		85	6 days	44·4		35	1	53·2	76·4	46·4	58·3	·224		·258	57	
Central India, East																					
Nowgong ...	750	29·268	−·018	29·178	78·1	+ 3·1	87	21	43·0	−3·4	37	4	50·3	73·0	46·3	57·0	·257	−·044	·252	72	− 2
Sutna ...	1,041	28·935	−·044	28·847	79·3	+ 4·1	84	21,22,26	43·9	−3·3	39	2, 4, 15	54·1	72·1	47·8	57·2	·248	−·044	·265	59	−10
Umaria ...	1,506	28·483		28·395	77·6		83	21,27,31	42·7		37	2, 3, 4	53·7	71·0	48·2	57·8	·262		·309	64	
Berar																					
Akola ...	925	29·038	−·026	28·938	85·4	+ 1·0	91	29,30,31	52·0	−0·2	45	16	60·3	81·7	53·6	67·0	·331	+·014	·466	62	+ 7
Amraoti ...	1,213	28·763	−·026		81·3	− 1·8	88	29, 30	58·0	+0·5	50	14	66·4		54·6		·273	−·051		42	− 9
Central Provinces, West																					
Khandwa ...	1,044	28·929	−·035	28·821	86·2	+ 2·6	92	21, 29	49·4	−1·7	41	15	61·3	82·0	51·2	59·5	·241	−·064	·200	45	−13
Hoshangabad ...	992	28·999	−·039	28·894	81·0	+ 1·8	88	31	52·4	+2·7	40	14	59·7	78·0	52·0	61·2	·288	−·024	·290	56	− 9
Saugor ...	1,808	28·165	−·034	28·085	78·0	+ 1·0	85	27	53·8	+1·2	49	1, 4, 18	64·0	72·0	50·5	55·3	·207	−·056	·228	34	−18
Jubbulpore ...	1,289	28·697	−·021	28·604	81·0	+ 4·3	87	27	45·0	−0·9	39	2	51·5	77·7	47·6	61·2	·281	−·043	·316	73	− 2
Seoni ...	2,027	27·950	−·023	27·865	79·3	+ 1·6	86	28, 29	49·2	−1·0	43	16,17,18	59·6	74·3	50·9	56·9	·269	−·047	·248	52	−10
Nagpur ...	1,017	28·979	−·014	28·868	83·5	+ 1·8	90	28	52·4	−1·8	46	4, 16	61·5	79·5	53·3	61·6	·296	−·042	·315	55	− 5
Central Provinces, East																					
Pendra ...	2,040	27·935	−·025	27·852	76·8	+ 3·6	84	27	48·3	−0·4	42	15	59·3	69·3	50·9	55·8	·269	−·033	·281	54	−12
Raipur ...	970	29·012	−·027	28·919	81·0	+ 1·5	85	4 days	52·5	−1·6	49	6 days	61·6	75·1	54·8	61·1	·339	−·010	·349	61	− 4
Kanker ...	1,318	28·663		28·562	79·9		84	29, 31	48·4		44	4 days	58·1	77·1	52·6	60·9	·356		·322	77	
Chanda ...	634	29·372	−·009	29·256	82·6	− 0·1	88	29	50·4	−1·8	46	10 days	58·0	77·9	54·4	63·4	·370	−·033	·381	78	+ 5
Jagdalpur ...	1,813	28·154	−·018	28·054	80·4	+ 0·9	86	29, 30	49·8	−1·8	46	5 days	57·4	73·2	54·1	62·3	·380	−·031	·418	81	− 2
Konkan																					
Bombay ...	37	29·904	−·038	29·804	87·4	+ 1·0	93	10	69·6	+1·1	66	1, 21	73·3	80·8	66·7	71·8	·573	−·011	·662	70	− 2
Alibag ...	23	29·921			85·6		93	10	65·2		60	16, 20	71·8		63·5		·461			61	
Ratnagiri ...	207	29·718	−·029	29·619	89·4	+ 0·2	94	23	68·9	+1·4	63	18	76·6	80·9	63·1	70·9	·394	−·076	·623	44	−10
Marmagao ...	202	29·703	−·042	29·594	87·8		92	1	70·3		66	20	75·0	83·0	65·2	72·0	·482		·635	57	
Karwar ...	44	29·875	−·028	29·765	89·3	+ 1·8	93	1, 4	66·2	−0·8	62	24, 30	70·3	83·9	64·1	73·9	·515	−·052	·703	70	− 8
Bombay Deccan																					
Jalgaon ...	660	29·307			86·8		92	28,29,31	52·4		44	16, 17	61·1		52·1		·268			50	
Malegaon ...	1,430	28·523	−·040	28·414	85·5	+ 0·6	91	29	51·7	−0·3	45	4 days	62·5	82·7	52·4	62·9	·254	−·055	·311	46	− 8
Ahmadnagar ...	2,154	27·813	−·026	27·705	83·2	− 0·2	89	31	52·1	−0·6	43	16	63·5	80·0	53·6	59·9	·293	−·044	·268	49	− 7
Poona ...	1,834	28·119	−·030	28·001	85·0	+ 0·3	91	31	51·1	−1·9	43	15,16,17	61·8	81·9	54·5	61·6	·339	−·025	·300	61	− 7
Sholapur ...	1,570	28·385	−·023	28·264	86·1	+ 2·0	91	31	57·1	−1·2	49	16, 22	67·2	83·7	56·3	61·8	·312	−·036	·281	48	− 2
Miraj ...	1,824	28·119		27·999	83·2		89	30, 31	57·7		48	20	67·8	82·7	57·4	62·5	·334		·326	50	
Bijapur ...	1,950	27·997	−·026	27·878	83·9	− 0·5	89	31	57·6	−0·2	49	16	68·2	81·6	57·6	61·5	·351	−·084	·287	49	−16
Belgaum ...	2,562	27·388	−·018	27·289	82·3	+ 0·5	87	9, 31	58·0	−0·4	52	16, 21	66·7	79·1	58·1	61·2	·376	−·025	·312	58	− 2
Gadag ...	2,131	27·814		27·700	82·2		88	30, 31	60·1		54	18, 24	68·6	81·1	58·9	61·7	·378		·311	54	
Hyderabad, North																					
Aurangabad ...	1,905	28·077	−·033	27·972	83·7	− 0·1	90	30	55·4	+0·1	47	16	67·1	80·5	54·7	60·1	·278	−·051	·262	42	− 7
Nizamabad ...	1,250	28·707	−·007	28·600	84·5	+ 1·0	90	29, 31	54·6	+0·5	48	14, 15	65·8	79·9	57·7	61·3	·375	−·050	·289	57	− 9
Hyderabad, South																					
Gulbarga ...	1,503	28·445	−·035	28·326	84·3	− 0·7	89	31	57·4	−1·1	50	13, 16	67·1	82·9	56·9	61·3	·341	−·061	·268	51	− 9
Raichur ...	1,311	28·643	−·018	28·516	83·8	− 1·1	89	8	62·8	−0·9	56	12	69·5	82·3	61·0	62·5	·422	−·059	·308	58	− 7
Hyderabad(Begumpet)	1,778	28·174	−·023	28·074	84·1	+ 0·7	90	30	53·5	−2·8	46	15	62·9	78·9	57·4	62·1	·396	−·034	·346	71	0
Hanamkonda ...	877	29·083	−·034	28·982	84·4	+ 1·2	89	28,29,31	58·9	−0·9	53	15	66·8	79·8	60·2	63·7	·429	−·067	·330	66	− 6
Mysore																					
Chitaldrug ...	2,405	27·535	−·017	27·428	81·4	− 0·7	86	8	60·4	−0·8	55	24	67·4	79·6	61·4	62·9	·456	−·018	·354	70	+ 3
Balehonnur ...	2,917	27·013			80·2		85	8	58·3		54	30	65·4		59·5		·431			70	
Hassan ...	3,149	26·817	−·020		83·6	+ 3·7	87	31	59·1	+2·7	55	14,24,30	66·6		60·7		·473	−·019		71	− 6
Bangalore ...	3,021	26·944	−·015	26·847	79·5	+ 1·7	84	31	59·4	+1·5	55	23, 30	64·5	76·2	60·0	61·0	·465	−·020	·362	77	− 3
Mysore ...	2,518	27·412	−·031	27·316	81·8	0	85	7,17,31	61·7	+1·3	58	13,15,30	67·7	80·3	62·1	62·6	·482	−·034	·341	73	− 2

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																	STATION.
											8 hrs. L. M. T.									17 hrs. I. S. T.									
	Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																													Central India, West
4	+ 0·9	3·9	0	− 0·17	0		0	− 0·5	2·7	− 1·0	0	18	0	0	0	0	0	0	13	1	12	1	0	0	1	1	2	13	Neemuch
6	+ 1·1	2·5	0	− 0·21	0		0	− 0·5	1·8	+ 0·4	0	4	7	7	1	1	0	0	11	5	13	2	3	2	0	1	1	4	Indore
6		2·9	0		0		0		1·4		2	0	0	1	0	0	0	0	28	1	9	3	2	1	0	1	2	12	Bhopal
2		2·9	0		0		0		1·2		2	3	1	0	0	0	0	0	25	2	6	3	0	1	3	3	0	13	Guna
																													Central India, East
5	+ 0·8	3·1	0	− 0·41	0		0	− 0·6	1·0	+ 0·2	9	0	0	0	6	6	0	0	19	5	3	0	0	0	0	0	1	22	Nowgong
2	− 0·4	1·5	0	− 0·36	0		0	− 0·8	1·6	− 0·2	0	0	0	0	2	5	4	2	18	3	1	0	0	0	0	0	11	16	Sutna
7		2·1	0		0		0		1·4		0	0	0	3	3	1	0	1	23	3	1	0	0	0	0	0	1	26	Umaria
																													Berar
5	− 0·6	1·9	0	− 0·60	0		0	− 1·0	2·9	+ 0·5	1	1	3	4	2	0	0	0	20	1	5	5	4	0	0	0	3	13	Akola
8	+ 0·1		0	− 0·49	0		0	− 0·7	4·1	+ 1·1	1	7	23	0	0	0	0	0	0										Amraoti
																													Central Provinces, West
3	+ 0·7	2·6	0	− 0·28	0		0	− 0·4	2·9		0	4	9	5	1	1	0	0	11	6	18	1	1	1	0	0	1	3	Khandwa
1	+ 0·5	2·7	0	− 0·43	0		0	− 0·7	2·3	+ 0·5	1	17	10	3	0	0	0	0	0	0	3	6	2	0	0	1	0	19	Hoshangabad
2	+ 0·8	2·5	0	− 0·44	0		0	− 0·6	5·2	+ 2·7	3	9	5	7	4	2	1	0	0	3	12	3	9	1	2	1	0	0	Saugor
5	+ 0·2	1·6	0	− 0·29	0		0	− 0·6	0·4	− 0·7	0	0	1	6	1	1	0	0	22	1	1	0	0	1	0	0	0	28	Jubbulpore
6	− 0·1	1·8	0	− 0·53	0		0	− 0·9	2·8	+ 1·0	0	8	4	1	0	0	0	0	18	0	6	9	7	3	2	0	0	4	Seoni
5	− 0·4	1·6	0	− 0·54	0		0	− 0·9	2·0	− 0·2	19	1	2	0	0	0	1	1	7	1	3	15	0	0	0	1	0	11	Nagpur
																													Central Provinces, East
5	− 0·1	1·1	0	− 0·27	0		0	− 0·5	2·5	+ 0·2	11	3	1	0	0	0	0	4	12	11	4	0	0	3	2	0	6	5	Pendra
8	− 0·8	0·6	0	− 0·24	0		0	− 0·4	1·6	− 0·1	5	11	4	1	0	1	1	0	8	2	9	0	0	0	0	0	0	20	Raipur
2		1·4	0		0		0		1·5		0	0	0	0	0	0	0	0	31	2	0	1	7	0	5	6	5	5	Kanker
2	+ 0·5	1·5	0	− 0·24	0		0	− 0·7	1·6	+ 0·4	3	3	3	0	0	0	2	1	19	6	2	1	0	0	0	0	0	22	Chanda
5	− 1·8	1·9	0	− 0·16	0		0	− 0·4	1·7		0	1	0	0	0	1	0	2	27	1	3	0	0	0	0	0	0	27	Jagdalpur
																													Konkan
0	+ 1·4	2·9	0	− 0·05	0		0	− 0·1	5·2	− 3·6	2	14	14	1	0	0	0	0	0	7	0	0	0	0	0	2	22	0	Bombay
4			0		0		0		4·5		3	10	10	3	0	0	0	0	5										Alibag
9	+ 0·6	1·2	0	− 0·08	0		0	− 0·2	6·2	+ 0·1	0	9	14	6	0	0	1	1	0	5	0	0	0	0	0	10	16	0	Ratnagiri
8	+ 0·9	3·2	0		0		0		5·7		1	2	26	2	0	0	0	0	0	0	0	2	0	1	7	10	11	0	Marmagao
8	+ 0·4	1·9	0	− 0·23	0		0	− 0·3	1·9	− 0·1	3	13	0	0	0	0	0	0	15	2	2	0	1	1	3	0	4	18	Karwar
																													Bombay Deccan
7			0		0		0				0	0	28	0	0	0	0	0	3										Jalgaon
1	+ 0·4	2·7	0	− 0·19	0		0	− 0·3	2·8	− 0·3	1	0	0	1	0	0	6	6	13	0	11	9	2	0	1	0	0	6	Malegaon
0	+ 1·6	3·6	0·03	− 0·38	0·03	9	0	− 0·5	0·9	− 2·8	0	0	0	0	3	0	0	0	28	2	3	13	0	1	0	1	0	11	Ahmadnagar
9	+ 1·4	3·4	0·16	0	0·16	9	1	+ 0·5	1·9		0	2	3	0	1	1	0	0	24	0	4	11	4	1	0	2	1	8	Poona
3	− 0·8	2·0	0	− 0·45	0		0	− 0·6	6·1	+ 0·1	7	1	6	12	3	0	0	0	2	9	2	12	3	5	0	0	0	0	Sholapur
7		3·5	0		0		0		5·7		0	2	16	4	1	0	0	1	7	0	5	20	3	1	0	1	0	1	Miraj
1	+ 1·2	4·7	0·02	− 0·21	0·02	8	0	− 0·5	2·7	+ 0·3	0	1	19	8	2	0	0	0	1	0	7	12	10	1	0	0	0	1	Bijapur
1	− 1·1	2·4	0·71	+ 0·34	0·71	9	1	+ 0·5	4·2	− 3·5	0	5	16	8	0	0	0	0	2	1	11	12	3	2	2	0	0	0	Belgaum
7		3·5	0		0		0		5·1		0	16	13	1	0	0	0	0	1	0	24	6	1	0	0	0	0	0	Gadag
																													Hyderabad, North
6	+ 0·9	2·9	0	− 0·29	0		0	− 0·6	4·7	+ 0·6	0	8	19	2	0	0	0	0	2	2	1	17	7	0	0	1	0	3	Aurangabad
0	0	2·0	0	− 0·19	0		0	− 0·4	2·8	+ 0·7	0	1	0	0	1	0	0	0	29	6	15	1	0	0	0	0	0	9	Nizamabad
																													Hyderabad, South
9	+ 0·4	2·5	0	− 0·16	0		0	− 0·3	7·1	+ 2·5	0	13	15	2	0	0	0	0	1	0	10	16	4	1	0	0	0	0	Gulbarga
4	− 0·8	2·5	0	− 0·15	0		0	− 0·2	6·5	+ 1·4	1	8	5	17	0	0	0	0	0	3	14	3	11	0	0	0	0	0	Raichur
3	+ 0·6	2·7	0	− 0·27	0		0	− 0·4	2·5	− 0·5	0	3	7	5	0	0	0	1	15	0	11	12	7	0	0	0	0	1	Hyderabad (Begumpet)
2	− 0·4	2·8	0	− 0·22	0		0	− 0·4	2·2	− 0·4	7	5	2	4	2	1	0	0	10	7	13	2	3	0	0	0	0	6	Hanamkonda
																													Mysore
3	− 0·2	3·9	0	− 0·34	0		0	− 0·6	5·0	+ 0·3	0	2	21	4	1	0	0	0	3	0	9	22	0	0	0	0	0	0	Chitaldrug
3			0·09		0·05	27	0		4·0		0	0	2	29	0	0	0	0	0										Balehonnur
5	− 0·4		0·28	− 0·39	0·28	27	1	+ 0·2	3·0	+ 0·4	0	1	22	8	0	0	0	0	0										Hassan
6	+ 0·5	3·7	0	− 0·48	0		0	− 1·3	6·7	+ 2·2	0	5	26	0	0	0	0	0	0	0	8	23	0	0	0	0	0	0	Bangalore
8	− 0·3	4·5	0·36	− 0·01	0·36	27	1	+ 0·1	8·0	+ 1·2	1	18	9	1	0	0	0	0	2	1	13	13	1	0	0	0	0	3	Mysore

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Relative humidity %	
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Malabar																					
Mangalore ...	72	29·816	−·039	29·708	89·5	+ 0·2	93	17, 23	71·5	+ 0·7	66	14	77·2	83·3	69·9	74·2	·631	+·006	·716	68	+ 2
Calicut ...	27	29·866	−·025	29·748	88·8	+ 1·9	91	17,18,29	72·6	+ 1·5	68	14	76·6	85·4	71·3	75·8	·683	−·021	·767	76	− 3
Cochin ...	10	29·878	−·025	29·763	86·5	− 2·2	90	17	73·8	+ 1·0	69	30	79·1	83·8	71·9	74·1	·686	−·005	·707	69	− 5
Trivandrum ...	200	29·659	−·039	29·559	87·0	+ 3·7	90	10	74·7	+ 1·8	70	30, 31	78·8	84·6	73·1	75·6	·736	+·014	·774	75	− 5
Madras, Southeast																					
Pamban ...	37	29·861	−·028	29·764	81·4	− 1·2	85	1, 2	75·0	+ 0·5	74	26, 27	77·0	78·6	73·9	74·6	·797	−·025	·812	85	− 3
Madura ...	463	29·451	−·026	29·327	85·8	− 0·2	90	6, 8	71·4	+ 1·0	65	30	76·0	82·6	68·9	70·4	·613	−·065	·571	69	− 7
Negapatam ...	31	29·892	−·012	29·803	80·7	− 1·4	83	4 days	72·8	+ 0·8	68	23	74·9	78·5	71·2	72·9	·710	−·041	·736	83	0
Trichinopoly ...	255	29·673	−·026	29·555	85·5	+ 0·1	89	6 days	70·0	+ 0·7	64	30	74·6	81·8	69·2	71·8	·634	−·036	·649	75	− 2
Coimbatore ...	1,341	28·575	−·028	28·446	85·1	+ 0·4	89	1, 2	67·3	+ 1·6	62	30	71·9	82·7	66·3	67·4	·563	−·071	·455	74	− 8
Salem ...	913	29·008	−·024	28·876	87·0	+ 0·8	91	6	68·4	+ 2·9	62	30	71·9	83·5	65·4	68·3	·529	−·101	·482	69	− 8
Cuddalore ...	39	29·895	−·022	29·799	81·7	− 1·1	84	1, 2, 3	69·4	− 0·5	65	30, 31	73·5	78·3	69·5	71·4	·654	−·078	·663	81	− 5
Vellore ...	703	29·233	−·029	29·119	82·6	+ 0·3	87	1	64·9	+ 0·4	58	30	68·7	80·4	66·1	68·1	·605	−·031	·516	86	0
Madras ...	22	29·929	−·019	29·841	83·3	− 0·6	86	1	69·1	− 0·2	63	30, 31	74·4	78·4	69·7	70·5	·672	−·049	·650	78	− 5
Madras, Deccan																					
Cuddapah ...	428	29·539	−·014	29·408	87·1	+ 0·6	92	7	65·9	+ 0·6	59	25	73·9	82·9	67·5	68·5	·573	−·043	·513	70	− 7
Bellary ...	1,473	28·466	−·027	28·339	84·5	− 1·6	89	30, 31	61·7	+ 0·2	56	24	69·5	82·2	61·9	62·8	·455	−·023	·314	63	− 3
Kurnool ...	923	29·026	−·027	28·893	86·2	− 0·5	91	30	52·4	− 0·7	53	20	66·3	84·2	60·6	64·8	·462	−·039	·355	71	− 1
Rentichintala ...	349	29·636		29·503	86·1		91	30, 31	59·1		54	16, 17	69·1	83·8	62·7	64·8	·488		·362	68	
Madras Coast. North																					
Nellore ...	66	29·005	−·012	29·810	83·0	− 0·9	87	1	67·2	− 0·9	64	22, 25	72·9	78·0	69·4	70·3	·660	−·043	·628	84	− 2
Masulipatam ...	10	29·964	−·033	29·864	80·6	− 2·5	85	30	65·6	− 0·9	62	21, 22	71·5	76·8	67·8	69·9	·637	+·005	·638	82	+ 1
Cocanada ...	26	29·970	−·013	29·862	78·6	− 1·9	87	30	65·1	− 1·1	61	16, 21	72·2	76·3	67·1	69·2	·593	+·021	·613	75	+ 1
Vizagapatam ...	126	29·852	−·032	29·760	79·4	− 1·4	83	2	64·6	− 3·5	61	4 days	69·6	75·6	64·1	67·2	·572	+·007	·546	74	+11
Calingapatam ...	19	29·971	−·031	29·870	80·0	− 0·4	86	30	62·2	− 0·6	59	5 days	66·0	75·1	63·4	68·1	·540	−·013	·590	86	+ 5
Hill Stations, excluding Kashmir and Baluchistan																					
Maymyo ...	3,546	26·438	−·028	26·406	73·0	+ 3·5	78	11	46·1	+ 2·6	39	20, 22	54·8	62·7	53·5	59·4	·385	+·018	·458	92	− 1
Haka ...	6,100	24·100		24·059	63·7		71	22, 25	42·7		35	2	47·4	53·6	38·1	47·8	·130		·272	45	
Kanpetlet ...	6,322	23·917		23·882	65·2		76	22	45·5		39	2, 3	55·1	53·6	46·3	50·3	·217		·323	55	
Shillong ...	4,921	25·150	−·017	25·093	62·6	+ 1·0	70	13, 14	40·2	+ 0·5	35	17	48·7	53·4	44·0	51·3	·236	−·016	·350	72	0
Cherrapunji ...	4,309	25·706	−·017	25·661	63·0	+ 1·1	69	7,11,13	48·8	+ 1·4	44	22	56·5	55·9	50·4	52·4	·291	+·008	·347	67	− 1
Aijal ...	3,599	26·354		26·308	69·4		74	13, 14	53·2		47	20	58·8	59·6	54·1	56·1	·365		·403	74	
Darjiling ...	7,432	23·966	−·023		58·0	+ 2·7	61	14	39·1	+ 2·4	35	20	45·3		40·3		·195	+·004		68	− 2
Kalimpong ...	3,913	26·114	−·016	26·036	53·1	+ 2·1	69	14	48·3	+ 1·7	45	18,19,20	53·2	56·2	48·5	50·6	·290	−·006	·310	70	− 9
Katmandu ...	4,388	25·709		25·629	68·0	− 0·1	73	13	35·4	− 1·5	32	5 days	39·1	58·4	37·9	51·3	·217		·293	91	
Muktesar ...	7,592	22·848	+·001	22·813	57·0	+ 3·0	65	24	41·3	+ 3·3	35	8, 9, 22	47·5	48·7	35·4	38·3	·030	−·030	·120	26	−15
Mussooree ...	6,940	23·391	+·010	23·354	58·9	+ 7·7	68	28	41·6	+ 1·5	36	8	49·7	50·6	37·9	40·4	·105	−·045	·144	32	−22
Simla ...	7,224	23·129	+·005	23·096	56·2	+ 6·1	64	24	42·2	+ 3·0	34	21	49·4	49·3	34·5	37·7	·049	−·054	·110	16	−18
Murree ...	7,082	23·235	+·025	23·211	52·6	+ 4·1	60	2, 3, 14	36·1	+ 1·5	28	19	41·5	44·4	32·8[a]	35·6	·095[a]	−·029	·118	38[a]	− 9
Cherat ...	4,272	25·779	−·011		56·2	+ 2·0	61	14,16,17	44·0	+ 1·9	36	21, 24	48·7		39·6		·144	+·009		43	− 1
Parachinar ...	5,673	24·492	+·005	24·453	55·6	+ 1·3	63	15	31·2	+ 2·0	25	21, 22	39·3	51·3	33·0	40·3	·121	−·027	·133	51	−11
Drosh ...	4,723	25·449			52·8	+ 1·5	59	14, 15	38·3	+ 3·3	33	5 days	40·3		34·0		·121	−·024		51	−13
Mount Abu ...	3,945	26·102	−·011	26·031	70·0	+ 1·8	75	28	52·9	0	44	1	62·3	65·8	50·6	52·4	·235	+·021	·232	40	− 2
Pachmarhi ...	3,528	26·510	−·014	26·442	73·5	+ 2·7	79	28, 29	42·4	− 3·4	35	15	64·5	67·0	52·0	53·9	·244	−·061	·267	38	−26
Mahabaleshwar ...	4,531	25·538		25·482	73·7		80	31	56·3		52	13	62·1	68·3	52·5	56·6	·293		·332	51	
Mercara ...	3,781	26·181	−·032	26·102	74·1	− 1·1	78	31	58·2	+ 0·7	54	24,25,30	61·8	73·6	57·7	60·6	·435	−·030	·385	79	− 5
Ootacamund ...	7,364	23·060	−·003	23·007	66·1	+ 1·3	71	20, 21	45·3	+ 1·0	34	19	56·5	58·2	47·2	51·7	·225	−·046	·320	52	− 9
Coonoor ...	5,730	24·455			65·5		73	22	50·0		40	19	59·4		52·7		·327			65	
Kodaikanal ...	7,688	22·793	+·001	22·735	61·7	+ 0·1	68	20	48·0	+ 0·6	44	10, 19	53·4	54·9	46·8	50·9	·251	+·003	·331	63	0
Ceylon																					
Colombo ...	24	29·844	−·028	29·724	83·3	− 0·3	90	1, 3, 4	72·5	− 0·1	67	18	75·4	83·2	72·3	75·7	·742	−·039	·794	86	+ 1
Trincomalee ...	24	29·862	+·016	29·780	80·4	− 2·6	83	7	75·8	+ 1·6	72	31	78·1	78·9	73·9[a]	74·1[a]	·751[a]	−·033	·773[a]	83[a]	− 4
Hambantota ...	61	29·761	−·059	29·671	85·1	+ 0·6	90	3, 11	73·1	+ 0·4	71	4 days	76·6	81·0	73·3	75·9	·766	+·016	·827	85	− 6
Nuwara Eliya ...	6,170	24·052		23·979	67·4		72	31	50·8		39	1	58·2	62·9	56·4	58·9	·429		·457	91	
Arabia																					
*Aden ...	98	29·925	+·019		81·4	− 0·1	83	7 days	74·0	− 1·1	68	27,28,31	73·9		69·3		·646	−·007		78	+ 2

*Records observations at 7 hrs. (L. M. T.). a—Mean of 30 days.

Cloud amount tenths of sky).		Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																	STATION.
										8 hrs. L. M. T.									17 hrs. I. S. T.									
8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
25		26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																													Malabar
4	+0·9	3·9	0	− 0·50	0		0	− 0·7	4·9	+· 2·0	1	6	22	1	0	0	0	1	0	0	0	0	0	0	2	3	26	0	Mangalore
1	+3·6	4·7	0·03	− 1·06	0·03	26	0	− 1·8	5·3	+ 1·0	0	8	19	3	1	0	0	0	0	0	1	0	0	0	5	17	7	0	Calicut
9	+2·0	4·9	0·73	− 1·01	0·41	2	3	+ 0·4	4·2	+ 0·7	3	15	10	1	0	0	0	0	2	0	2	0	0	0	5	20	4	0	Cochin
5	0	4·9	1·57	− 0·87	0·47	11	4	+ 0·4	2·1	− 0·5	2	3	2	2	0	1	0	0	21	2	1	0	0	3	15	6	1	3	Trivandrum
																													Madras, Southeast
5	+1·9	5·1	5·57	− 1·92	1·85	27	8	− 1·4	13·2	+ 2·6	15	4	2	0	0	0	0	10	0	12	15	1	0	0	0	0	3	0	Pamban
5	+0·6	5·9	2·64	+ 0·87	1·39	27	4	+ 0·5	6·4	+ 2·3	9	12	5	2	0	0	0	3	0	1	10	19	1	0	0	0	0	0	Madura
0	+0·7	7·0	7·31	− 4·09	2·75	27	6	− 3·3	12·6	+ 5·2	2	10	2	0	0	0	0	17	0	8	18	5	0	0	0	0	0	0	Negapatam
5	+0·8	6·1	1·95	− 0·66	1·19	27	3	− 1·6	5·3	+ 2·1	10	21	0	0	0	0	0	0	0	0	22	7	1	0	0	0	1	0	Trichinopoly
1	+1·9	4·7	1·21	+ 0·03	0·57	27	3	+ 0·4	3·3	+ 0·9	3	13	10	1	0	0	0	0	4	0	13	13	1	0	0	0	0	4	Coimbatore
4	+0·6	5·5	0·99	+ 0·01	0·99	27	1	− 1·3	6·6	+ 3·7	1	11	13	1	0	0	2	2	1	0	5	18	5	0	0	0	0	3	Salem
2	+1·4	6·8	1·89	− 5·34	1·12	27	4	− 2·2	7·4	+ 3·3	13	1	1	0	0	0	1	14	1	2	22	7	0	0	0	0	0	0	Cuddalore
1	+4·5	7·3	2·83	+ 0·12	2·44	7	2	− 1·9	4·5	+ 2·7	1	1	1	0	0	0	0	0	28	0	13	15	2	0	0	0	0	1	Vellore
8	+1·1	6·1	2·34	− 3·47	1·96	6	2	− 3·2	13·6	+ 2·6	8	10	1	2	0	0	2	8	0	10	18	3	0	0	0	0	0	0	Madras
																													Madras, Deccan
9	+1·6	4·6	0	− 6·90	0		0	− 1·5	6·1		2	1	3	9	0	0	3	1	12	0	6	9	16	0	0	0	0	0	Cuddapah
0	−0·1	4·1	0	− 0·11	0		0	− 0·3	2·2	− 0·1	0	0	7	10	2	0	0	0	12	0	5	14	8	0	0	0	0	4	Bellary
3	+0·6	3·3	0	− 0·24	0		0	− 0·4	2·9	+ 0·7	0	7	8	4	0	0	1	2	9	0	5	15	9	1	0	0	0	1	Kurnool
9		3·4	0		0		0		2·9		3	5	5	1	0	1	1	2	13	4	9	15	3	0	0	0	0	0	Rentichintala
																													Madras Coast, North
5	−0·8	4·3	0·66	− 2·53	0·34	8	2	− 1·1	2·8	− 0·2	4	1	3	0	1	0	0	17	5	0	12	17	1	0	0	0	0	1	Nellore
0	+6·4	9·0	0	− 0·87	0		0	− 1·1	5·0	+ 1·0	3	21	0	0	0	0	0	7	0	0	2	0	27	2	0	0	0	0	Masulipatam
4	−0·8	2·3	0	− 0·87	0		0	− 0·9	6·2	− 0·1	12	11	0	0	0	0	0	1	7	0	2	23	6	0	0	0	0	0	Cocanada
6	−0·7	2·2	0	− 0·73	0		0	− 1·0	3·9	+ 1·0	7	2	0	0	0	0	6	10	6	1	8	16	3	2	0	0	0	1	Vizagapatam
9	−0·5	2·3	0	− 0·65	0		0	− 0·5	3·7	− 1·7	16	0	0	0	0	0	0	15	0	0	0	15	16	0	0	0	0	0	Calingapatam
																													Hill Stations, excluding Kashmir and Baluchistan
7	−0·1	1·5	0	− 0·64	0		0	− 1·2	1·2	+ 0·2	1	0	3	0	1	1	1	0	24	0	0	3	0	1	0	1	0	26	Maymyo
6		1·3	0		0		0		4·8		7	8	1	0	0	0	0	6	9	2	7	5	1	0	0	0	2	14	Haka
0		6·7	0		0		0		3·3		1	4	5	0	7	5	2	0	7	5	0	0	0	3	5	6	1	11	Kanpetlet
0	−0·7	9·2	0·05	− 0·14	0·05	30	0	− 0·6	1·5	+ 0·5	0	1	0	4	1	0	0	0	25	2	0	0	0	0	0	0	0	29	Shillong
0	−0·1	4·8	0	− 3·31	0		0	− 0·7	3·4	+ 1·5	2	19	4	2	0	2	0	0	2	1	10	1	2	1	10	1	1	4	Cherrapunji
2		0·8	0		0		0		4·3		0	0	21	5	0	0	1	2	2	0	0	0	1	1	6	7	14	2	Aijal
9	−0·3		0	− 0·24	0		0	− 0·6	3·3	+ 1·5	0	8	18	1	0	0	0	0	4										Darjiling
3	−0·3	2·9	0	− 0·24	0		0	− 0·5	7·5		0	0	1	2	0	1	3	24	0	0	0	0	1	25	3	0	0	0	2	Kalimpong
6		2·2	0	− 0·32	0		0	− 0·8	1·1		0	3	0	0	0	0	0	1	27	12	0	0	0	0	0	2	8	9	Katmandu
9	+0·2	3·4	0	− 0·69	0		0	− 1·4	7·5	+ 2·7	2	5	1	0	2	2	15	4	0	1	0	0	0	0	10	14	2	4	Muktesar
4	−0·2	3·7	0·01		0·01	22	0		4·9		4	2	7	4	5	1	1	1	6	2	1	1	1	9	2	0	1	14	Mussooree
6	−0·8	4·8	0·07	− 1·01	0·05	21	0	− 2·0	2·5	− 0·9	4	3	1	3	4	1	1	5	9	4	7	1	8	2	0	1	1	7	Simla
9	+1·1	4·7	1·91	+ 0·34	0·70	21	3	+ 0·2	7·9		1	4	9	12	3	0	1	0	1	7	4	4	11	1	0	1	2	1	Murree
4	+1·6		0·50	− 0·96	0·42	21	1	− 0·9	12·1	+ 2·4	19	1	0	1	1	0	0	8	1										Cherat
5	+0·9	4·7	1·55	+ 0·38	1·10	21	2	− 1·2	3·2	+ 1·5	21	1	0	0	2	0	4	3	0	3	2	9	7	6	1	2	1	0	Parachinar
6	+0·5		0·51	− 0·56	0·42	21	1	− 2·2	3·8	+ 2·1	0	0	6	2	0	1	1	0	21										Drosh
4	+0·9	4·0	0·02	− 0·10	0·02	28	0	− 0·3	2·4	− 0·6	1	2	0	0	2	3	1	0	22	6	4	1	1	3	3	2	4	7	Mount Abu
5	+2·1	2·7	0	− 0·46	0		0	− 0·7	2·0	+ 0·1	3	6	4	3	3	3	1	2	6	8	7	2	0	0	1	3	7	3	Pachmarhi
7		3·4	0	− 0·28	0		0	− 0·6	8·0		0	6	20	4	1	0	0	0	0	0	5	10	3	0	4	2	5	2	Mahabaleshwar
5	−0·5	4·0	0·90	+ 0·16	0·72	8	2	+ 0·9	7·9	+ 3·7	0	12	13	0	0	0	0	0	6	1	5	5	0	0	0	0	0	20	Mercara
5	−0·5	4·3	2·58	+ 0·74	1·13	27	6	+ 2·1	3·5	+ 0·7	0	8	9	3	1	0	0	0	10	2	11	9	1	0	0	0	0	8	Ootacamund
6			12·42		4·48	7	8		3·4		1	2	2	19	2	0	1	1	3										Coonoor
3	+0·1	6·5	7·76	+ 3·34	2·57	27	8	+ 1·0	8·7	0	1	14	6	9	1	0	0	0	0	2	12	4	5	0	0	0	1	7	Kodaikanal
																													Ceylon
7	+0·4	7·2	4·64	− 0·84	1·53	7	5	− 2·5			3	24	2	0	0	0	0	0	2	3	8	1	1	0	0	2	15	1	Colombo
5	+1·3	6·9	7·40	− 6·50	3·04	17	12	− 1·9			11	13	3	0	1	0	2	1	0	15	13	2	0	0	0	0	0	1	Trincomalee
5	+0·9	6·4	5·75	+ 0·60	1·77	24	12	+ 3·8			4	26	1	0	0	0	0	0	0	0	7	15	5	2	0	2	0	0	Hambantota
3		9·0	9·28	+ 0·89	2·63	18	15																						Nuwara Eliya
																													Arabia
9	+1·1		0	− 0·13	0		0	− 0·3			11	6	10	0	1	0	2	0	1										*Aden

*—Mean of 25 days.

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32° F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Relative humidity %		
		Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. L. M. T.	Departure from normal.	Mean
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	2
MAY																						
Hill Stations, excluding Kashmir and Baluchistan.																						
Pachmarhi ...	3,528	26·271	– ·057	26·178	95·4	– 0·1	100	4 days	75·9	+ 0·9	68	11, 17	82·7	91·8	67·5	70·5	·484	+ ·084	·508	46	+ 9	3
JUNE																						
Hill Stations, excluding Kashmir and Baluchistan.																						
Haka ...	6,100	23·956		23·904	70·6		77	4	60·5		57	23	63·8	65·6	62·0	63·5	·534		·554	91		8
OCTOBER																						
Rajputana, East																						
Kotah ...	845	29·958	– ·074	28·859	96·5	+ 1·6	101	1, 2, 3	72·1	+ 1·4	64	31	82·0	92·7	66·9	68·2	·459	– ·020	·355	43	– 4	2
NOVEMBER																						
Lower Burma																						
Toungoo ...	158	29·770	– ·006	29·671	88·0	+ 1·2	93	1, 9	69·5	0	63	27	74·4	79·7	71·3	74·9	·717	– ·032	·799	85	– 4	7
Upper Burma																						
Yamethin ...	644	29·281	– ·011	29·198	83·4	– 3·5	88	2	66·9	– 0·6	63	25	70·8	76·5	68·2	72·4	·650	– ·037	·730	88	+ 2	8
Rajputana, East																						
Kotah ...	843	29·139	– ·010	29·041	86·4	– 0·8	95	1	55·9	– 4·0	47	30	66·1	81·6	52·5	59·6	·223	– ·104	·224	34	– 14	2

TABLE III—ABSTRACT OF OBSERVATIONS RECORDED A

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure reduced to 32°F and standard gravity, inches.			Maximum temperature °F.				Minimum temperature °F.				Dry bulb temperature °F.		Wet bulb temperature °F.		Vapour pressure, inches.			Relative humidity %		
		Mean 4 hrs. G. M. T.	Departure from normal.	Mean 12 hrs. G. M. T.	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 4 hrs. G. M. T.	Mean 12 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Mean 12 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Departure from normal.	Mean 12 hrs. G. M. T.	Mean 4 hrs. G. M. T.	Departure from normal.	Mean
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Iran																						
Charbar ...	25	30·029		29·950									66·7	74·8	61·9	68·4	·488		·596	72		7
Jask ...	13	30·026		29·958	76·2	– 1·4	80	19	62·8	– 0·1	54	21	65·7	74·9	59·7	64·9	·437		·482	69		5
Bandar Abbas ...	29	30·036		29·942	76·5		80	6 days	59·7		50	26	66·4	74·3	61·2	67·8	·469		·596	73		7
Bushire ...	14	29·990		29·918	69·3	+ 1·0	79	8, 11	55·9	+ 1·1	47	20	59·1	67·7	56·9	62·9	·438		·508	87		7
Ispahan ...	5,817	24·54*		24·49*	48·9	– 1·9	57	1, 9	30·5	+ 2·2	24	26	33·9	48·0	31·8	40·5	·160		·179	81		5
Meshed ...	3,104	26·68*		26·63*	51·0	+ 1·0	65	1	29·1	+ 0·5	20	21	34·3	47·5	33·0	41·6	·170		·198	88		6
Seistan ...		28·468		28·366	63·0	+ 2·6	72	11	37·4	+ 2·6	28	1, 24, 25	44·2	59·7	39·6	50·5	·192		·262	66		4
Arabia																						
Bahrain ...	8	30·032		29·972	74·6	+ 4·0	86	8	62·8	+ 2·4	56	21,24,25	65·5	72·5	62·4	66·3	·515		·558	84		7
Muscat ...	15	30·021		29·957	76·1	– 1·7	80	6	65·6	– 3·7	60	·21, 26	68·2	73·0	61·5	67·4	·449		·587	67		7
Sharjah ...	18	30·033		29·959	79·6		87	8	58·5		53	5 days	60·5	76·1	57·2	65·3	·418		·469	81		5

* Aneroid.

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																STATION.
											8 hrs. L. M. T.									17 hrs. I. S. T.								
8 hrs. L. M. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																													MAY
9	+ 4·2	6·2	1·41	+ 0·80	0·52	30	5	+ 3·3			2	0	0	0	0	0	15	14	0	1	1	0	1	0	0	21	7	0	**Hill Stations, excluding Kashmir and Baluchistan.** Pachmarhi
																													JUNE
3		8·9	14·75		2·13	18	21		6·4		0	3	11	1	3	2	1	0	9	1	4	7	1	4	2	0	1	10	**Hill Stations excluding Kashmir and Baluchistan.** Haka
																													OCTOBER
1	+ 0·8	2·1	0·53	− 0·03	0·53	13	1	+ 0·2	2·1	+ 0·6	1	2	0	2	0	6	5	5	10	3	5	5	1	0	2	4	9	2	**Rajputana, East** Kotah
																													NOVEMBER
2	+ 1·4	5·2	1·87	+ 0·05	0·91	9	4	+ 1·2	2·4	+ 1·0	6	0	1	1	1	0	6	12	3	1	0	1	0	1	0	6	8	13	**Lower Burma** Toungoo
4	+ 0·7	2·5	2·37	+ 0·48	1·70	14	3	− 0·1	0·8		12	0	0	0	0	0	0	0	18	0	0	0	0	0	0	0	0	30	**Upper Burma** Yamethin
8	− 0·1	1·3	0	− 0·11	0		0	− 0·5	1·2	+ 0·2	1	1	0	1	0	3	5	2	17	1	2	1	0	0	0	3	7	16	**Rajputana, East** Kotah

AND 12 HRS. (G. M. T.)—DECEMBER 1938

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0·10" or more).		Wind velocity, miles per hour.		Wind direction—Number of winds from																STATION.
											4 hrs. G. M. T.									12 hrs. G. M. T.								
4 hrs. G. M. T.	Departure from normal.	Mean 12 hrs. G. M. T.	Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																													Iran
5		2·0	0·02		0·02	20	0		2·8		4	7	5	0	0	0	0	4	11	2	2	0	2	4	13	0	2	6	Charbar
0		4·8	0·47	− 0·65	0·34	20	2	0	8·0	+ 0·9	7	18	2	0	0	0	2	2	0	1	0	2	4	7	7	9	1	0	Jask
5		3·7	0·48		0·48	19	1		5·5		9	15	1	0	0	0	1	5	0	0	0	3	9	16	3	0	0	0	Bandar Abbas
4		4·9	8·43	+ 5·42	4·26	15	7	+ 2·9	7·0	+ 2·3	3	7	10	8	2	0	0	0	1	5	2	1	2	6	2	1	11	1	Bushire
4		5·7	1·97	+ 1·10	1·10	11	4	+ 2·1	1·8	+ 0·4	2	0	0	0	0	1	3	4	21	0	3	2	4	0	0	3	3	16	Ispahan
6		6·0	0·36	− 0·30	0·10	4	1	− 0·9	1·5	+ 0·6	0	0	0	0	1	0	0	0	30	0	0	1	1	0	0	0	0	29	Meshed
8		1·5	0·15	− 0·31	0·15	19	1	− 0·2	0·4	− 3·6	0	0	0	0	0	0	0	2	29	0	0	0	0	0	0	0	2	29	Seistan
																													Arabia
5		4·9	0·59	− 0·23	0·59	19	1	− 0·6	6·0		4	2	1	2	4	4	2	8	4	10	1	2	2	5	3	1	7	0	Bahrain
2		3·6	0·79	+ 0·20	0·50	21	2	+ 0·6	3·7	+ 0·6	0	0	0	1	0	2	3	3	22	2	8	2	0	1	0	1	11	6	Muscat
3		5·6	0·88		0·64	19	2		4·6		0	0	2	14	7	0	0	0	8	3	1	0	1	0	6	10	10	0	Sharjah

STATION.	Maximum temperature °F.				Minimum temperature °F.				Mean dry bulb temperature 8 hrs. L. M. T. °F.	Mean wet bulb temperature 8 hrs. L. M. T. °F.	Vapour pressure, inches.		Relative Humidity %		Mean cloud amount 8 hrs. L. M. T.	Rainfall, inches.				Number of rainy days (0·10" or more).		Win
	Mean.	Departure from normal.	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.			Mean 8 hrs. L. M. T.	Departure from normal.	Mean 8 hrs. L. M. T.	Departure from normal.		Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.	Resultant direction 8 hrs. L. M. T.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Assam																						
Lumding ...	74·0	0	77	8, 9, 10	50·8	+ 0·4	47	6, 17	56·1	55·3	·419		93			0	−0·30	0		0	− 0·9	
Bengal																						
Pabna ...	78·9	− 1·1	82	14	54·0	− 0·5	50	2, 27, 28	62·6	59·5	·459	+ ·018	83	+ 3		0	−0·19	0		0	− 0·4	
Punjab, East and North																						
Gurdaspur ...									46·3	42·7	·281		73		4·3	0·11		0·11	21	1		N 80 E
Kashmir																						
Jammu ...	67·5	− 0·2	72	12	50·4	+ 1·7	45	31	53·8	44·8	·180	− ·085	43	− 24	3·5	0·16	−1·24	0·16	21	1	− 1·8	N 3 W
Kargil ...	36·1	+ 0·3	48	4, 5	18·4	+ 6·3	5	27, 28	22·6	21·5	·107		89		6·4	0·45	−0·26	0·28	21	2	0	N 23 E
N.W. F. Province																						
Bannu ...	70·9	+ 1·5	77	13,15,16	43·5	+ 1·4	33	4 days	50·6	43·4	·185	− ·028	52	− 9	3·0	0·34	−0·10	0·30	21	1	− 0·6	S 45 W
Wana ...	60·6		67	1, 13, 15	28·7		24	4 days	36·2	31·0	·122		59		1·0							S 42 W
Hyderabad, North																						
Bidar ...	80·9	− 0·5	86	29, 30	60·1	− 0·3	57	4 days	68·1	59·6	·411	− ·025	59	− 2	2·4	0	−0·27	0		0	− 0·6	N 88 E
Mysore																						
Nandi ...	68·5		73	2	53·9		50	5 days	58·4	55·1	·398		82			0		0		0		N 44 E
Tibet																						
Yatung (Chumbi) ...	52·9	+ 7·4	65	24	19·0	− 3·5	15	6 days	24·6	23·6	·122	+ ·010	90	+ 9	0·4	0	−0·15	0		0	− 0·6	
Iran																						
Zahidan ...	59·5		71	12	32·7		21	23	44·7	40·6	·211		70		4·1	0·29		0·16	20	2		S 23 W

TABLE V—ABSTRACT OF OBSERVATIONS RECORDED AT 8 HRS. (L. M. T.) AT 5TH CLASS STATIONS—DECEMBER 1938

DIVISION.	STATION.	Rainfall, inches.				Number of rainy days (0·10" or more).		DIVISION.	STATION.	Rainfall, inches.				Number of rainy da (0·10" or mo	
		Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	Departure from normal.			Total of the month.	Departure from normal.	Heaviest fall in 24 hours.	Date.	Total in the month.	
1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	
Bengal ...	Bankura ...	0	−0·08	0		0	−0·2	Kashmir ...	Sonamarg ...	9·01	+3·40	3·07	21	8	+
	Rampur Boalia ...	0	−0·06	0		0	−0·1		Gurez ...	4·35		1·25	21	8	
	Sirajganj ...	0	−0·11	0		0	−0·3								
	Rangpur ...	0	−0·04	0		0	−0·2	Baluchistan ...	Harnai ...	0·30	−0·34	0·20	20	2	+
	Cooch Behar ...	0	−0·10	0		0	−0·3	Rajputana, East...	Udaipur ...	0	−0·08	0		0	−
Bihar ...	Muzaffarpur ...	0	−0·06	0		0	−0·1								
								Bombay Deccan ...	Khandala ...	0		0		0	
	Chapra ...	0	−0·12	0		0	−0·3								
	Arrah ...	0	−0·15	0		0	−0·4	Hyderabad, North.	Parbhani ...	0·05	−0·32	0·05	8	0	−
	Dehri ...	0	−0·22	0		0	−0·4								
								Madras Southeast.	Palamcottah ...	3·29	−0·71	1·00	8	8	+
United Provinces West.	Meerut ...	0	−0·41	0		0	−1·1								
								Madras Deccan ...	Anantapur ...	0	−0·27	0		0	−
Punjab, East and North.	Dharampore ...	0		0		0									
	*Kyelang ...	0·36	−0·66	0·18	21	2	−0·6	Sikkim ...	Lachung ...	0·06	−0·54	0·05	30	0	−
	Dalhousie ...	0·48	−2·57	0·25	22	2	−0·7								

*Return not received.

Y. P. P.—S 2769—325—16-3-39.

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MONTHLY FREQUENCY TABLES

of

Horizontal Visibility, Height of Base of Low Cloud and Surface and Upper Winds at Pilot Balloon Stations

December 1938

Supplement to the Monthly Weather Report, December 1938

Published by authority of the Government of India

Tables of Wind Frequency:—Data for tables 1, 4, 7 and 10 are obtained from routine pilot balloon ascents. They are classified under four sets of tables according to the times of their commencement. Ascents in day light starting at hours before 0830 hrs. I. S. T. have been classified under "morning". Most of these ascents begin at about 10-15 minutes before sunrise; thus the times will be different at different stations. Ascents starting at hours varying from 0830 to 1200 hrs. are classified as "forenoon" and those from 1200 to 1700 hrs. as "afternoon". Night ascents with lanterns which start after 0300 hrs. are classified as "late night". The most frequent times of commencement of the ascents which have been classified as "forenoon", "afternoon", and "late night" are 0900, 1400 and 0330 hrs. I. S. T. respectively.

The symbols used in the tables of wind frequency have the following meaning:— ϕ = Latitude of the station; λ = Longitude of the station; H_s = Height of the anemometer head (i.e. to which the values of the surface wind relate) above mean sea level; C = the number of observations when the speed of wind is 5 km./hr. or less and n = number of observations.

Tables of Frequency of Heights of base of Low cloud:—Tables 2, 5, 8 and 11 are based on observations made at the routine hours of pilot balloon flights or within half an hour of the same. Heights which are either measured or estimated are given.

In the first row of these tables, for amounts of low cloud 1-10, the number under code figure 9 gives occasions when there was no low cloud, and in the second row, for amount of low cloud = 9 or 10, the number under this code figure gives all occasions when the total amount of cloud (whether low, medium or high) was 9 or 10.

Tables of Frequency of Horizontal Visibility:—Data for tables 3, 6, 9 and 12 are obtained from observations near the times of the routine pilot balloon ascents.

The Code figures used in the tables Nos. 2, 3, 5, 6, 8, 9, 11 and 12 have the following meaning:—

Code figure ...	0	1	2	3	4	5	6	7	8	9
Cloud height ...	Less than 50 m.	50 to 99 m.	100 to 199 m.	200 to 299 m.	300 to 599 m.	600 to 999 m.	1000 to 1499 m.	1500 to 1999 m.	2000 to 2500 m.	No Low cloud / Total amount of cloud = 9 or 10
Visibility ...	Less than 50 m.	50 to 200 m.	200 to 500 m.	500 to 1000 m.	1000 to 2000 m.	2000 to 4000 m.	4000 to 10000 m.	10000 to 20000 m.	20000 to 50000 m.	Greater than 50000 m.

POONA:
The 13th December 1939.

S. K. BANERJI,
Offg. *Director-General of Observatories.*

[Price 6 annas.]

STATION.	Speed limits (km./hr.).	Surface.										0·5 km. above Surface.										1·0 km. a. s. l.										2·0 km. a. s. l.							
		n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W
Agra ...	6–25	31						2	8	3	18	31	6		2	2	1		1	8		31	2	2				3	4	11		31	4						4
ϕ = 27° 08′ N ...	26–50												1					1		9			1				1		7								1	5
λ = 78° 01′ E ...	51–75																																						2
H_s = 181 metres ...	>75																																						
Ahmedabad ...	6–25	31	2	6	9						14	31	4	1	4	5	2	2	1	1	1	31		1	7	8	4	5	1	3		31	2	3	4	1	3	9	5
ϕ = 23° 02′ N ...	26–50														7	1									1	1												2	1
λ = 72° 35′ E ...	51–75														2																								
H_s = 55 metres ...	>75																																						
Bangalore ...	6–25	31		13	16	2						30		2	6	2						31		5	23	1						28	1	5	8	1			
ϕ = 12° 58′ N ...	26–50													5	12	1									2									5	6				
λ = 77° 36′ E ...	51–75														2																				1				
H_s = 936 metres ...	>75																																						
Bhuj ...	6–25	31	2						1		28	31	3	5	4	3	1	2	1		2	31	1	5	2	3	4	4	3	3		31	2	2	1	3	5	4	7
ϕ = 23° 15′ N ...	26–50												1	5	3					1				1	3				1	1							1	4	
λ = 69° 48′ E ...	51–75																																						
H_s = 113 metres ...	>75																																						
Chittagong ...	6–25	31	14	1							16	31	13	4	6	2	1				3	31	5	1		2	9		1	4	5	31			1		3	7	4
ϕ = 22° 21′ N ...	26–50												2														2			1								1
λ = 91° 50′ E ...	51–75																						1																
H_s = 21 metres ...	>75																																						
Dacca ...	6–25	31								1	30	31	11	6	2					3	8	31	8	3	3	2	5	1		3	5	30						2	8
ϕ = 23° 43′ N ...	26–50																			1			1																2
λ = 90° 24′ E ...	51–75																																						
H_s = 21 metres ...	>75																																						
Fort Sandeman ...	6–25	31			2	1		2	1		25	31	1	8			1	5	6	2	8											31	5	4	1		3	4	7
ϕ = 31° 21′ N ...	26–50																																						
λ = 69° 27′ E ...	51–75																																						
H_s = 1421 metres ...	>75																																						
Hyderabad (Begumpet). ...	6–25	31	1	2		1					27	30		5	13	3						30		6	12	3						30	2	8	8	3	1	2	
ϕ = 17° 26′ N ...	26–50													1	7	1								1	7	1								2	3				
λ = 78° 27′ E ...	51–75																																						
H_s = 555 metres ...	>75																																						
Jubbulpore ...	6–25	31				1	1				29	31	4	12	2	1	1	2		2	3	31	9	8	1		1	4		4	2	31	6	1	1			2	4
ϕ = 23° 10′ N ...	26–50												2	1				1					1	1									4	1				1
λ = 79° 57′ E ...	51–75																																						
H_s = 402 metres ...	>75																																						
Lahore ...	6–25	31		1						1	29	31	3	2		1		1		15	4	31	2	1		2	1		1	14	4	30	3	2		2		2	6
ϕ = 31° 35′ N ...	26–50																1	1		3			1					1		4			1					1
λ = 74° 20′ E ...	51–75																																						
H_s = 221 metres ...	>75																																						
Madho Sagar (Gwalior). ...	6–25	17						7		2	8	17	10	1			1			1	2	17	7					1		6	1	16	2						1
ϕ = 26° 13′ N ...	26–50												1							1			1						1				1					4
λ = 78° 08′ E ...	51–75																																						
H_s = ...	>75																																						
Madras ...	6–25	31	3	1						3	24	31		6	5	1						31		7	3							26		3	6				
ϕ = 13° 04′ N ...	26–50												1	17	1									19	2									8	5	1			
λ = 80° 15′ E ...	51–75																																		2				
H_s = 13 metres ...	>75																																						
Malegaon ...	6–25	31					1		2	10	18	31	1	2	8	13	2					31	1	1	7	15	2					31	2		4	7	6	7	
ϕ = 20° 33′ N ...	26–50														3	1	1								3	1	1								1			1	
λ = 74° 32′ E ...	51–75																																						
H_s = 437 metres ...	>75																																						
Mangalore ...	6–25	31		3	20	2					6	31	5	1	8		1			2	1	31	2		13	4				2		31	1	3	8	7	2		1
ϕ = 12° 52′ N ...	26–50														11	2									8	2								1	4	3	1		
λ = 74° 51′ E ...	51–75																																						
H_s = 40 metres ...	>75																																						
Peshawar ...	6–25	31				1		11			19	31	2	4		4		1	2	6	12	31	4	1	1	1	1	1	4	3	8	8	31	15	3	1	1	1		1
ϕ = 34° 01′ N ...	26–50																																						
λ = 71° 35′ E ...	51–75																																						
H_s = 363 metres ...	>75																																						
Poona ...	6–25	31		1	2	1		5		4	18	31		1	4	6						31		1	6	6						31		2	11	8	5		
ϕ = 18° 32′ N ...	26–50														8	12									6	12									2	2			
λ = 73° 51′ E ...	51–75																																						
H_s = 589 metres ...	>75																																						
Port Blair ...	6–25	31	2	13	1					1	11	31		11	7							20	2	4	3	2	1					14		1	4	2	1		
ϕ = 11° 40′ N ...	26–50			3										8	5									2	6										4				
λ = 92° 43′ E ...	51–75																																						
H_s = 87 metres ...	>75																																						
Raj Samand (Kankroli) ...	6–25	19	5				1	1	2	8	1	19	1		8	2	1	5	2			19	1		8	2	1	5	2			19	2			1		4	3
ϕ = 25° 03′ N ...	26–50									1																												4	2
λ = 73° 59′ E ...	51–75																																						
H_s = 587 metres ...	>75																																						

ed ts /	3·0 km. a. s. l.										Amounts of low cloud.	No. of observations with Code figures.										No. of observations with Code figures.										STATION.
	n	N	NE	E	SE	S	SW	W	NW	C		0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
25	31						2	5	9		1 — 10										31						2	28	1			Agra
50							1	7	4																							
75								3			9 or 10										1											
75																																
25	30	3		1		1	4	6	1		1 — 10									2	29						1	30			Ahmedabad
50							4	7	2																							
75								1			9 or 10										3											
75																																
25	25	1	4	4	4	2					1 — 10	1		4	2	8	4			1	11						25	5	1		Bangalore
50			1	7	2																											
75											9 or 10	1		4	2	2	1				16											
75																																
25	30				2	6	2	7	3	1	1 — 10				1				1		29				1			23	7			Bhuj
50							3	3	1																							
75							2				9 or 10				1						1											
75																																
25	27						2	9	2		1 — 10	4						1			26					1	5	18	7			Chittagong
50								9	1																							
75								2	2		9 or 10	4									5											
75																																
25	29						1	6	1		1 — 10										31					3	13	15				Dacca
50								7	2																							
75								6	4		9 or 10																					
75									2																							
25	30				1	1	4	8	7		1 — 10							2	1	1	27							10	20	1		Fort Sandeman
50							1	4	4																							
75											9 or 10										7											
75																																
25	29	2	4	8	4		2	2	4		1 — 10				1	4					26						7	7	17			Hyderabad (Begumpet)
50			1		2																											
75											9 or 10				1						3											
75																																
25	21	1			1	1	1	4	2		1 — 10										31							1	30			Jubbulpore
50							1	6	4																							
75											9 or 10										1											
75																																
25	30	1			1	1	4	7	4	4	1 — 10										31				1	17	10	3				Lahore
50		2					1	4	1																							
75											9 or 10										1											
75																																
25	15					1	2	2	4		1 — 10										17							2	29			Madho Sagar (Gwalior)
50								3	3																							
75											9 or 10																					
75																																
25	14		4	1	3						1 — 10						4	17	5	1	4						4	2	17	8		Madras
50			1	3	1																											
75				1							9 or 10						1	3			11											
75																																
25	30		4		3	2	3	5	5	1	1 — 10									5	26						1	4	26		Malegaon
50						1	2	4																								
75											9 or 10									1	4											
75																																
25	28		4	5	4	1	3	1	2		1 — 10							1		1	29							12	17	2		Mangalore
50			1	5	2																											
75											9 or 10										7											
75																																
25	30	5	3	2	1	1	5	4	3	1	1 — 10						1		1		29						2	2	3	6	18	Peshawar
50			1			1			2																							
75									1		9 or 10										6											
75																																
25	30	3	7	1	4	3	4	3	1		1 — 10									4	27						1	2	2	26		Poona
50				1			2	1																								
75											9 or 10									2	7											
75																																
25	5			2		1					1 — 10					12	14	4			1							2	27	2		Port Blair
50				2																												
75											9 or 10					1	1				16											
75																																
25	19						3	6		2	1 — 10									1	18							4	27			Raj-Samand (Kankroli)
50								7																								
75								1			9 or 10										3											
75																																

TABLE 1—

STATION.	Speed limits (km./hr.).	Surface.										0·5 km. above Surface.										1·0 km. a. s. l.										2·0 km. a. s. l.							
		n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W
Sambalpur ...	6-25	31									31	31	11	7	4					7	1	31	9	9	2				1	8		31	6	3				1	2
ϕ = 21° 28′ N ...	26-50												1										1							1			5						
λ = 83° 58′ E ...	51-75																																						
H_s = 153 metres ...	>75																																						
Tezpur ...	6-25	31		5							26	31		3	20	1		1			1	31	1	8	16						30		2	15	3	1		
ϕ = 26° 37′ N ...	26-50														5										5				1					6				
λ = 92° 47′ E ...	51-75																																						
H_s = 76 metres ...	>75																																						
Trichinopoly ...	6-25	31	4	18							9	31	1	1								30		5	2						25	3	5	5		1		
ϕ = 10° 49′ N ...	26-50													23	2								1	18	2							1	5	4				
λ = 78° 42′ E ...	51-75													4										2									1					
H_s = 88 metres ...	>75																																						
Trivandrum ...	6-25	31	2	12							17	31	1	4	7	4	2	2		1	10	30	4	7	8	2	2	2			5	30	3	3	5	6	2		1
ϕ = 8° 31′ N ...	26-50																																1	5	1				
λ = 77° 00′ E ...	51-75																																						
H_s = 73 metres ...	>75																																						
Vizagapatam ...	6-25	31	3	3					1	10	14	31		11	11	1					4	31	1	21	3					1	30	2	14	4		1	1	
ϕ = 17° 42′ N ...	26-50													3	1									4	1							1	2	4				
λ = 83° 18′ E ...	51-75																																						
H_s = 56 metres ...	>75																																						

TABLE 4—

Allahabad (Bamrauli)	6-25	31						2	11	1	17	30	2		1			1	6	9	4	31	3	1			1		5	11	1	27	1				1		2
ϕ = 25° 26′ N ...	26-50																		2	5									1	7								1
λ = 81° 44′ E ...	51-75																													1								3
H_s = 99 metres ...	>75																																						
Bahrein ...	6-25	31	4	2		3	3	1	5	6	6	31	7	3	1	2	1			2	1	31	2	2		1	2	2	3	8		27	2			1		3	2
ϕ = 26° 14′ N ...	26-50									1			3				1	4	2	1							4	4	1	1						2	5	3
λ = 50° 35′ E ...	51-75																2													1						1		
H_s = 14 metres ...	>75																			1																			
Bombay (Juhu) ...	6-25	31		10	6	1					14	31	1	3	10	6						31		4	12	7	5				31	2	3	6	3	10	5	
ϕ = 19° 17′ N ...	26-50													1	8	1									2	1												
λ = 72° 50′ E ...	51-75															1																						
H_s = 5 metres ...	>75																																						
Calcutta (Dum Dum)	6-25	31	12	2						5	12	31	17	4						6	2	31	9	5						10	1	30	1	1				2	3
ϕ = 22° 38′ N ...	26-50												1	1																6							1	1
λ = 88° 27′ E ...	51-75																																						
H_s = ...	>75																																						
Gaya ...	6-25	31				1	2	9	2		17	31	2	1	1	1			8	14	3	31	1	2	1	2			6	10	1	31	1				1	2	
ϕ = 24° 49′ N ...	26-50																			1									3	5								1
λ = 85° 01′ E ...	51-75																																						
H_s = 117 metres ...	>75																																						
Jacobabad ...	6-25	31			1					2	28	31	3	1	5	2	2	1	3	7	6	31	5	4	3	2	2	3	1	6	5	31	2	7		3	3	2	5
ϕ = 25° 08′ N ...	26-50														1																			1		1		
λ = 62° 19′ E ...	51-75																																						
H_s = 10 metres ...	>75																																						
Jiwani ...	6-25	31	2	16				1		1	11	31	4	5	2	2		1	6	1	4	30	4	4	1	3	2	1	3	4	5	29	3	3	2	3	1	3	2
ϕ = 28° 17′ N ...	26-50												3	2			1						1	1	1							1						1
λ = 68° 29′ E ...	51-75																																						
H_s = 66 metres ...	>75																																						
Jodhpur ...	6-25	31		24							7	31	4	6	6	3	2	2	3	1	1	31	2	6	4	4	1	4	5	3		31	3	1		2	1	3	6
ϕ = 26° 18′ N ...	26-50													2	1										1			1									6	3
λ = 73° 01′ E ...	51-75																																					1	
H_s = 232 metres ...	>75																																						
Karachi (Drigh Road)	6-25	31	7	20							4	31	4	5	3	1			4	2	1	31	6	6	7	1	1		3	4	1	31	3	3	2		3	3	5
ϕ = 24° 54′ N ...	26-50													6	4									1					1				1		2	1	4
λ = 67° 11′ E ...	51-75													1																								
H_s = 30 metres ...	>75																																					1	
New Delhi ...	6-25	31				2		1	13	7	7	31	1			5			3	9	1	31	3		1	1	1		3	11	1	31	2				4	8	1
ϕ = 28° 39′ N ...	26-50								1											11										10								3	
λ = 77° 15′ E ...	51-75																			1																			
H_s = 227 metres ...	>75																																						
Sharjah ...	6-25	31		2	1	10	4	2			12	31	2	3	2	2	4	2	4	6	3	31	2	2	1	2	1	3	3	10	2	31	3			2	1	4	7
ϕ = 25° 20′ N ...	26-50														1		1	1							1		1			2			1		1	2	
λ = 55° 24′ E ...	51-75																																					1	
H_s = 13 metres ...	>75																																						

ENCY (MORNING)

TABLE 2—FREQUENCY OF LOW CLOUD HEIGHTS (MORNING)

TABLE 3—FREQUENCY OF VISIBILITY (MORNING)

3·0 km. a. s. l. n	N	NE	E	SE	S	SW	W	NW	C	Amounts of low cloud.	No. of observations with Code figures. 0	1	2	3	4	5	6	7	8	9	No. of observations with Code figures. 0	1	2	3	4	5	6	7	8	9	STATION.
29	3	1				1	7	6	2	1 — 10										31							1	30			Sambalpur
	1						1	7		9 or 10										1											
11			6		1		1		1	1 — 10							1	1	4	25				2	8	17	4				Tezpur
						1	1			9 or 10							1	1		2											
14			3	2				1		1 — 10					8	2	5	6	3	7							4	24	3		Trichinopoly
		5	3							9 or 10					1	2				9											
29		7	8	1	1			1	1	1 — 10						3	4	2	1	21					4	7	12	8			Trivandrum
			8	1						9 or 10									1	9											
29	8	6	4	2		2	2	2	1	1 — 10						1			2	28								30	1		Vizagapatam
			2							9 or 10										2											

ENCY (FORENOON)

TABLE 5—FREQUENCY OF LOW CLOUD HEIGHTS (FORENOON)

TABLE 6—FREQUENCY OF VISIBILITY (FORENOON)

21	1					2	2	2		1 — 10										31					5	17	9				Allahabad (Bamrauli)
							4	6																							
							4			9 or 10										1											
19					1	3	1	3		1 — 10						1	2	1		27							15	16			Bahrein
						4	2	5																							
										9 or 10										6											
30	3	3	2	4	3	3	4	2	1	1 — 10									1	30							21	10			Bombay (Juhu)
		1				3	1																								
										9 or 10										5											
23						3	1	6		1 — 10										31			1		12	18					Calcutta (Dum Dum)
							4	6																							
							1	2		9 or 10																					
28	1					1	2	3		1 — 10										31						14	17				Gaya
						1	5	8																							
								6		9 or 10																					
								1																							
27	1		2		1	7	6	3	1	1 — 10									1	30					1	6	18	6			Jacobabad
						1	3	2																							
										9 or 10										4											
26		1			1	4	2	7	1	1 — 10						10				21							12	16	3		Jiwani
					1	3	1	4																							
								1		9 or 10										4											
31					1	3	5	3		1 — 10									1	30							3	17	11		Jodhpur
						6	4																								
						3	1			9 or 10										5											
30	1		1			7	4	2		1 — 10							4		1	26							2	19	8	2	Karachi (Drigh Road)
	1				2	2	5	4																							
						1				9 or 10										4											
31		1				6	4	6		1 — 10									1	30							11	20			New Delhi
						4	4	4																							
							2			9 or 10									1	2											
28	1				2	3	7	2		1 — 10		2					1	10	10	8			1					3	27		Sharjah
	1				1	3		6																							
							2			9 or 10										6											

STATION.	Speed limits (km./hr.).	Surface.										0·5 km. above Surface.										1·0 km. a. s. l.										2·0 km. a. s. l.						
		n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW
Agra ...	6-25	31	1			1	1	1	5	11	11	31	1		2	1	2	1	3	19	2	31	1	1	1	1	1		3	18	1	31	1		1			
	26-50																												1	3								
	51-75																														-							
	>75																																					
Ahmedabad ...	6-25	31	2	2	9	4			2		12	31	2	2	12	2	2	2	3	3	2	31	2	1	9	3	2	3	1	3	6	31	1	3	2	2	2	10
	26-50														1										1									1					3
	51-75																																					
	>75										/																											
Allahabad (Bamrauli)	6-25	31							2	19	10	31	3		1				7	16	2	31	3						2	14	3	28		1				2
	26-50									1									1	1									4	5								
	51-75																																					
	>75																																					
Bahrein ...	6-25	31	5	1	2	5	2	2		11	3	31	7	1			1	3	2	4	3	31	3	1			2	4	3	6		27	2			1		1
	26-50												2				4	2		1			1			1	3	3	1	1					1	3	2
	51-75																						1					1										2
	>75																																					
Bangalore ...	6-25	31		17	7	3					2	31		8	20							31	1	9	17						1	30		7	11	2		
	26-50			2										1	2									2	1								1	7	1			
	51-75																																					
	>75																																					
Bhuj ...	6-25	31	10	3	4		1	1		1	6	30	4	11	3	1		3		2	3	31	2	6	4	3	2	3	2	6	2	31		2	2	1	7	2
	26-50												1	1	1								1															4
	51-75																																					
	>75																																					
Bombay (Juhu) ...	6-25	31	1	4	1			2	7	15	1	31	2	11	7	1	1		2		7	31	1	7	12	5	4	1			1	31	2	5	6	2	3	1
	26-50																																		3	1	2	1
	51-75																																					
	>75																																					
Calcutta (Dum Dum)	6-25	31	5							19	7	31	9	2					2	17		31	9						1	19		31	1					2
	26-50																			1										2								
	51-75																																					
	>75																																					
Chittagong ...	6-25	30	1	1				3	5	13	8	31	12	3			3		3	5	5	31	5	3	2	1	8	1	1	3	5	31	1		1	3	9
	26-50												1										1				1										
	51-75																																					
	>75																																					
Dacca ...	6-25	31							2	5	24	31	5	1				4	6	8	7	31	6	2		2	2	1	6	6	6	30						5
	26-50																																1					
	51-75																																					
	>75																																					
Fort Sandeman ...	6-25	31						1	1	1	28	30	3	2		1	1	8	4	4	7											30	2		3	2	1	7
	26-50																																					
	51-75																																					
	>75																																					
Gaya ...	6-25	31	2						6	18	4	31	2						9	14	2	31	2						7	10	2	31	1					
	26-50									1									1	3									3	7								
	51-75																																					
	>75																																					
Hyderabad (Begumpet).	6-25	31		5	11	7					8	31		5	19	6						31		5	20	5						31	2	5	10	4		1
	26-50														1										1									1	4			
	51-75																																					
	>75																																					
Jacobabad ...	6-25	31	1	2	1	1		1	1	6	18	31	1		5	1		2	2	7	12	31	6	3	4		4	2	3	3	6	30	4			4	4	5
	26-50																			1																		1
	51-75																																					
	>75																																					
Jiwani ...	6-25	31	2	3		1		31		1	2	31	8	4		4	4	3	5	3	3	31	10	4	3	2	1		3	6	1	29	2	1	1	1		2
	26-50			1										1															1				1	1				
	51-75																			1									1									
	>75																																					
Jodhpur ...	6-25	31		12	3	1		3	2	2	7	31	5	11	3	2	3	2	2		1	30	3	7	2	4		4	3	2	4	31	2	1		1		4	1
	26-50							1										2										1									2	
	51-75																																				1	
	>75																																					
Jubbulpore ...	6-25	31	3	2					1	2	23	31	13	3			1		2	5	7	31	8	7			1		2	8	5	31	5	2		2	2	2
	26-50																																					1
	51-75																																					
	>75																																					
Karachi (Drigh Road) ..	6-25	31		12	3	1	1	5	1	2	5	31	1	7	4				4	2	9	31	3	12	2				3	2	4	31	1	4	2	1	2	3
	26-50			1										3	1									3	1				1					1	2		3
	51-75																																					
	>75																																					

Speed limits (km./hr.)	3·0 km. a. s. l.										Amounts of low cloud.	No. of observations with Code figures.										No. of observations with Code figures.										STATION.
	n	N	NE	E	SE	S	SW	W	NW	C		0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
6-25	31						3	5	4	1	1 — 10										31						12	19			Agra
26-50								9	6																							
51-75								2	1		9 or 10										4											
>75																																
6-25	30	1			1	4	6	6	2	1	1 — 10										31							31			Ahmedabad
26-50							2	4	1																							
51-75							2				9 or 10										5											
>75																																
6-25	19					1	1	4	2	1	1 — 10										31						27	4			Allahabad (Bamrauli
26-50			1				1	2	4																							
51-75									2		9 or 10										1											
>75																																
6-25	17	1			1			3	2		1 — 10						1	5	3	2	20						2	26	3		Bahrein
26-50							1	3	5																							
51-75									1		9 or 10										7											
>75																																
6-25	24		4	8	1	2		1		1	1 — 10							5	6	1	19						4	18	9		Bangalore
26-50			1	6																												
51-75											9 or 10							1	2		5											
>75																																
6-25	31	2				3	7	6		1	1 — 10							1			30						7	24			Bhuj
26-50							4	3	2																							
51-75							2	1			9 or 10																					
>75																																
6-25	31	1	3	8	3	4	4	2	4		1 — 10							1	1	1	28							30	1		Bombay (Juhu)
26-50						1	1																									
51-75											9 or 10										5											
>75																																
6-25	28						2	4	3	1	1 — 10										31						5	26			Calcutta (Dum Dum
26-50								7	10																							
51-75									1		9 or 10																					
>75																																
6-25	29						4	9	2		1 — 10						2	7	1		21						5	25	1		Chittagong
26-50								6	2																							
51-75								4	2		9 or 10																					
>75																																
6-25	25						3	4	1		1 — 10							6	2	1	22							31			Dacca
26-50								7	2																							
51-75								3	1		9 or 10																					
>75								1	3																							
6-25	30					2	6	9	3	2	1 — 10							1	5	2	23						1	1	20	9		Fort Sandeman
26-50						1	2	4																								
51-75											9 or 10										10											
>75																																
6-25	28	1						3	1		1 — 10										31						5	26			Gaya
26-50							2	8	8																							
51-75								1	4		9 or 10																					
>75																																
6-25	30	3	9	4	4	1	3		3		1 — 10								1	5	25								26	5	Hyderabad (Begumpet)
26-50		1		2																												
51-75											9 or 10										3											
>75																																
6-25	29	1				1	7	5	3	1	1 — 10										31					1		1	29			Jacobabad
26-50							4	6	1																							
51-75											9 or 10										2											
>75																																
6-25	25						3	8	5	1	1 — 10					1	6	2			22					1	1	7	21	1		Jiwani
26-50								6	2																							
51-75											9 or 10										4											
>75																																
6-25	30			1		1	5	4	4		1 — 10										31							5	26		Jodhpur
26-50							2	10																								
51-75							2	1			9 or 10										5											
>75																																
6-25	29	2	1			1		6	8		1 — 10										31							22	9		Jubbulpore
26-50		1					1	5	4																							
51-75											9 or 10																					
>75																																
6-25	30	1				1	5	3	5	2	1 — 10						1	1			29							17	8	6	Karachi (Drigh Road)
26-50						2	3	6	1																							
51-75								1			9 or 10										8											
>75																																

STATION.	Speed limits (km./hr.).	Surface.										0·5 km. above Surface.										1·0 km. a. s. l.										2·0 km. a. s. l.								
		n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	N
Lahore ...	6-25	31	1	1		1			5	11	12	31			1	2	1		7	14	3	31	2		2	1	2	2	7	10		31	1			2	5	5	5	
	26-50																			3									1	4										
	51-75																																							
	>75																																							
Madho Sagar (Gwalior)	6-25	31		4				3	1	10	13	31	8	2		2			4	12	3	31	7	1	1		2	1	3	14		31	1				1	1	3	11
	26-50																													2								9	5
	51-75																																							
	>75																																							
Madras ...	6-25	31	2	24	1	1					3	31		13	2							30	1	8	2							16	1	7	2	1	1			
	26-50												2	13									3	16									1	2	1					
	51-75													1																											
	>75																																							
Malegaon ...	6-25																																							
	26-50																																							
	51-75																																							
	>75																																							
Mangalore ...	6-25																																							
	26-50																																							
	51-75																																							
	>75																																							
New Delhi ...	6-25	31	1		1		2		4	14	5	31		1	1	2	1		3	16	4	31	1		1	3	1		3	16	3	31			2			2	9	11
	26-50								1	3										3										3								3	3
	51-75																																							
	>75																																							
Peshawar ...	6-25	31		4				1		1	25	30	8	3	3				1	9	6	30	8	2	3				1	14	2	30	7	2	1	1	3	2	2	6
	26-50																																1							4
	51-75																																							
	>75																																							
Poona ...	6-25	31		11	14	3				1	2	31	2	1	15	8	1					31	2	1	17	7	1					31		1	6	12	3	3		2
	26-50														2	2									2	1									1	3				
	51-75																																							
	>75																																							
Port Blair ...	6-25	31		25	4							31		12	5							27	1	7	7	1					1	18		6	3	2			1	
	26-50				2									11	3									5	5										5					
	51-75																																							
	>75																																							
Raj-Samand (Kankroli)	6-25	15		3		2				2	8	14	1		1	3	2		1	2	4	14	1	1	1	2	3		1	1	4	15					4	5	3
	26-50																																				1	2		
	51-75																																							
	>75																																							
Sambalpur ...	6-25	31	1					3	7	5	15	31	11	2			1	1	5	5	6	31	8	7	1	1			3	9	2	31	3	2					3	11
	26-50																																5							6
	51-75																																							
	>75																																							
Sharjah ...	6-25	31	1	2	1			6	6	12		31	5	2	1			3	10	8		31	1	1	3	2	5	3	2	12		30	3	1		2	3	4	4	4
	26-50									1										2										2			1			1		2	5	
	51-75																																							
	>75																																							
Tezpur ...	6-25	31		9	6	2	1	2			11	31		4	20			1	1		4	31	1	3	17	3	1		1		3	31		1	13	2	4	5	1	
	26-50														1										1			1							2				1	
	51-75																																							
	>75																																							
Trichinopoly ...	6-25	31	1	25	1	1					3	29		11	3							29		11	1							17		5	4	1				1
	26-50												1	14										17										3	3					
	51-75																																							
	>75																																							
Trivandrum ...	6-25																																							
	26-50																																							
	51-75																																							
	>75																																							
Vizagapatam ...	6-25	31		5	16	5	1				4	31	2	17	6						2	31	6	17				2				30	5	10			1		2	1
	26-50													4										4	2								3	3					
	51-75																																	1						
	>75																																							

eed its n./ .).	3·0 km. a. s. l. n	N	NE	E	SE	S	SW	W	NW	C	Amounts of low cloud.	No. of observations with Code figures. 0	1	2	3	4	5	6	7	8	9	No. of observations with Code figures. 0	1	2	3	4	5	6	7	8	9	STATION.
-25	30				1	1	7	9	2	1	1 — 10									1	30						1	5	25			Lahore
-50					1	1	1	3	3																							
-75											9 or 10										2											
>75																																
-25	30						4	5	5		1 — 10										31							29	2		Madho Sagar (Gwalior)
-50								12	2																							
-75								2			9 or 10										5											
>75																																
-25	13		3	3	1	1			1		1 — 10						7	22			2								31		Madras
-50			2	2																												
-75											9 or 10										14											
>75																																
-25											1 — 10																		3	28		Malegaon
-50																																
-75											9 or 10																					
>75																																
-25											1 — 10																		5	26		Mangalore
-50																																
-75											9 or 10																					
>75																																
-25	30					1	3	4	5		1 — 10										31							4	27		New Delhi
-50							2	11	3																							
-75								1			9 or 10										2											
>75																																
-25	29	1	1	1	1	2	6	5	7	3	1 — 10					1		1	1	2	26						2	3	4	5	17	Peshawar
-50							2																									
-75											9 or 10										11											
>75																																
-25	29	3	3	6	5	4	1	3	2	1	1 — 10								1	6	24								31		Poona
-50							1																									
-75											9 or 10										5											
>75																																
-25	6									1	1 — 10						3	20	3									2	26	3		Port Blair
-50			1	4																												
-75											9 or 10						1				8											
>75																																
-25	15						2	2	1		1 — 10										15							3	28		Raj Samand (Kankroli)
-50							1	9																								
-75											9 or 10										1											
>75																																
-25	31	1	1			2		9	7	1	1 — 10										31								7	24		Sambalpur
-50								4	6																							
-75											9 or 10																					
>75																																
-25	25					2	1	4	1		1 — 10		1					3	12	9	6								5	26		Sharjah
-50		1				2	3	5	4																							
-75							1	1			9 or 10									1	6											
>75																																
-25	29	4	5	1	1	1	5	3			1 — 10							2	4	10	15						1	3	15	12		Tezpur
-50					1		1	6	1																							
-75											9 or 10										1											
>75																																
-25	9		2	4							1 — 10					2	2	6	18	1	2					1	1	2	7	20		Trichinopoly
-50			2	1																												
-75											9 or 10					2		2	1		10											
>75																																
-25											1 — 10																	6	25			Trivandrum
-50																																
-75											9 or 10																					
>75																																
-25	26	5	8	3		2		3	1	1	1 — 10					1			1		29								8	19	4	Vizagapatam
-50		2		1																												
-75											9 or 10										1											
>75																																

STATION.	Speed limits (km./hr.).	Surface.										0·5 km. above Surface.										1·0 km. a. s. l.										2·0 km. a. s. l.							
		n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W	NW	C	n	N	NE	E	SE	S	SW	W
Allahabad (Bamrauli)...	6-25	31	1						3	3	24	31	3	1	1			1	3	16		31							6	16		24						1	6
	26-50									1									1	5									1	8								2
	51-75																																						1
	>75																																						
Bahrein ...	6-25	31	6	1		5	4	2	1	5	6	31	7	1	2	2		2	1	3		30	4			2	3	4	4	5		21				2	4	3
	26-50									1			2			2	1	7					1				1	4	1				1			1	1	2
	51-75																			1										1								
	>75																																						
Bombay (Juhu) ...	6-25	31		2	3	1				1	24	31	5	9	11	1				1	1	31	1	6	10	11	2	1			28	2	3	4	5	10	2	
	26-50												1		2																							
	51-75																																						
	>75																																						
Calcutta (Dum Dum) ...	6-25	31	10	3						2	16	30	18	4					1	5		31	14	2						6		11					1	3
	26-50																			2										9								2
	51-75																																						
	>75																																						
Gaya ...	6-25	31			3	4	4	5	1		14	31	3	1					4	19	2	31	3	1					5	15		27	1				1	1
	26-50																			2									2	5								2
	51-75																																						
	>75																																						
Jacobabad ...	6-25	31		2	3					1	25	31	1	2	4	1		3	5	3	11	31	2	1	1	3	1	9	2	3	9	30	2	1			2	6	7
	26-50												1																								1		1
	51-75																																						
	>75																																						
Jiwani ...	6-25	31	3	12	1				3	4	8	31	7	2	1		2	2	6	3	6	31	2	6	3	3		2	3	6	4	18	3	2	2		2	3	2
	26-50																		1	1				1						1								1
	51-75																																						
	>75																																						
Jodhpur ...	6-25	31		26	1					1	3	31	1	6	8	2	5	2	3	3	1	30	2	5	3		2	10	4	2	1	26					5	5	1
	26-50																											1									5	1	
	51-75																																						
	>75																																						
Karachi (Drigh Road) ...	6-25	31	9	16						1	5	31	5	9	8	1			5	1		31	1	10	4	4			5	5	2	29	4	2	1	3		6	4
	26-50														2																						2	1
	51-75																																						
	>75																																						
Madho Sagar (Gwalior).	6-25	14					1	2		1	10	13	1				1	2	2	4	3	13	1					1	8	3		11					3	4	
	26-50																																						3
	51-75																																						
	>75																																						
New Delhi ...	6-25	31				1			8	11	11	31	6		1	2	2		1	8	1	31	1		1			1	3	16		30					3	8	1
	26-50																1			9							1		2	6							2	1	
	51-75																																						
	>75																																						
Raj Samand (Kankroli).	6-25	12	1	1			1	1		4	4	12		1	3	2	4		1	1		12		1	3	2	4		1	1		12	1			1	1	3	3
	26-50																																					2	
	51-75																																						
	>75																																						
Sharjah ...	6-25	31		1	4	18					8	31	3	2	2	3	2	2	3	13		30	1	1	2		3	4	2	15	1	26	1			1	2	3	3
	26-50														1										1												2	1	2
	51-75																																						
	>75																																						

peed mits sm./ hr.)	3·0 km. a. s. l. n	N	NE	E	SE	S	SW	W	NW	C	Amounts of low cloud.	No. of observations with Code figures. 0	1	2	3	4	5	6	7	8	9	No. of observations with Code figures. 0	1	2	3	4	5	6	7	8	9	STATION.
6-25	3						1	1	1		1 — 10										31					1	7	23				Allahabad (Bamrauli)
26-50											9 or 10																					
51-75																																
>75																																
6-25	6							1			1 — 10						2	2	1	1	25						1	30				Bahrein
26-50								1	2																							
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>75																																
6-25	18	1	2			2	3	5	1	2	1 — 10								1		30							10	21			Bombay (Juhu)
26-50							2																									
51-75											9 or 10										3											
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6-25											1 — 10										31				2	1	27	1				Calcutta (Dum Dum)
26-50																																
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26-50						1	3	6																								
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6-25	3								1		1 — 10						1	1			29						8	29				Jiwani
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6-25	18						1	10	1		1 — 10										31							1	30			Jodhpur
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6-25	8						1	5			1 — 10	1				1		1			28		1		1			1	26	2		Karachi (Drigh Road)
26-50								2																								
51-75											9 or 10	1									1											
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6-25	3								1		1 — 10										14								14			Madho Sagar (Gwalior).
26-50								1																								
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6-25	21					1	2	9	4		1 — 10										31							14	17			New Delhi
26-50								3	2																							
51-75											9 or 10																					
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6-25	11						1	4	1		1 — 10										12						3	9				Raj Samand (Kankroli).
26-50							2	3																								
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