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METEOROLOGICAL DEPARTMENT.

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INDIA WEATHER REVIEW.

ANNUAL SUMMARY, 1911.

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ANNUAL SUMMARY, 1911.

INTRODUCTION.

Several systems of territorial division of India have me into use from time to time for meteorological purposes, ch having been adopted to meet the needs of some partilar set of data. A certain amount of confusion had been und to result from the consequent want of uniformity of ɔundaries, and, with a view of obviating the inconvenience used, the Government of India in 1907 authorised the loption of the following systems of division :—

Chief political divisions.	Sub-divisions.
	Bay Islands.
ırma	Lower Burma.
	Upper Burma.
astern Bengal and Assam	Assam.
	Eastern Bengal.
	Bengal.
engal	Orissa.
	Chota Nagpur.
	Bihar.
nited Provinces	United Provinces, East.
	United Provinces, West.
anjab	Punjab, East and North.
	Punjab, Southwest.
orth-West Frontier Province	North-West Frontier Province.
	Baluchistan.
ind	Sind.
ajputana	Rajputana, West.
	Rajputana, East.
	Gujarat.
ombay	Konkan.
	Bombay Deccan.
entral India	Central India, West.
	Central India, East.
	Berar.
entral Provinces	Central Provinces, West.
	Central Provinces, East.
Hyderabad	Hyderabad, North.
	Hyderabad, South.
Mysore	Mysore.
Madras	Malabar.
	Madras, Southeast.
	Madras Deccan.
	Madras Coast, North.

The system of division is illustrated in Plate I at the end of this Annual Summary, and its relationship to the old system of divisions which was adopted for the tables of the 'Geographical Summary' given in former issues can be obtained by reference to pages 9 to 14 of Volume III of the Indian Meteorological Memoirs.

The data of Table B in the monthly reviews and in the present annual part are obtained, with a few exceptions, from the observations telegraphed daily to Simla for publication in the Daily Weather Report. In the case of thermometric observations, they are telegraphed to the nearest half degree. Hence the maximum and minimum temperature data of the second class observatories derived from these telegraphic reports and given in table B, occasionally differ to some slight extent from the means of the more exact data (recorded to the tenth of a degree) tabulated in the observation forms sent to the Calcutta Office, and used in the calculation of the mean temperature data in Table A. There is also another reason why the data of mean maxima and minima in Tables A and B differ to a slight extent. In Table B the daily or 24 hour period is assumed to end at 8 hrs. and in Table A at midnight [except for rainfall the period of which ends at 8 hrs.], and hence the maximum temperature in Table B for any month of 31 days at any station gives the mean for 31 periods of 24 hours ending at 8 hrs. of the 31st and in Table A for the same number of 24 hour periods ending at midnight on the 31st, and virtually, therefore, of a monthly period one day in advance of the former. Similarly for months of 28, 29 or 30 days. These remarks will explain some of the slight discrepancies which may be found between the mean data of maximum and minimum temperature in Tables A and B, and in the monthly mean departure data given in these tables in the monthly reviews and annual summary.

Solar, Magnetic and Seismic Activity.

Report from Kodaikanal Observatory.

The following table shows for each month the solar observations that were made :—

SOLAR OBSERVATIONS.

TABLE 1.

—	1911.												
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
A	28	28	31	30	31	24	23	30	28	30	23	27	333
B	...	...	...	10	...	1	...	...	...	...	2	...	13
C	28	28	31	29	28	24	15	26	24	25	22	18	298
D	28	28	31	30	31	24	21	30	28	29	23	21	324
E	28	28	31	30	31	24	21	30	28	29	22	24	326

A=Spots observed. B=Spot spectra. C=Prominences. D=Photoheliograms. E=Spectroheliograms.

There was a fall in the number of observations made as compared with 1910 due to less favourable atmospheric conditions, the number of days on which no observations were possible having risen from 10 to 32. On 26 days there was no sunshine recorded.

Summary of Results.

Sunspots.—The following table shows the monthly numbers of new groups observed, the mean daily numbers of spots visible, and the distribution between the northern and southern hemispheres :—

TABLE 2.

—	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
New groups . .	4	6	7	8	8	4	4	5	2	2	3	3	56
Daily number . .	0·5	0·8	1·0	1·7	1·1	0·5	0·6	0·6	0·4	0·4	0·6	0·3	0·7
North . . .	...	...	...	3	2	2	1	3	1	2	...	1	15
South . . .	4	6	7	5	6	2	3	2	1	...	3	2	41
Equator . . .	...	...	...	...	...	...	...	...	...	...	...	...	...

The very rapid decline in spot activity noted in the last report in comparing the years 1909 and 1910 has continued, as is shown by the following figures :—

	1910.	1911.
Number of new groups	152	56
Mean daily numbers	1·8	0·7
Large spot groups	15	7
Spot returns	6	*Nil*
Number of days on which no spots were seen .	56	158

The proportion of the southern spots to northern was higher than in 1910. The mean and extreme latitudes were not very different from what they were in 1910. A very faint spot was recorded at—37° on November 17, 1911. Excluding that, the mean latitudes were 7°·2 north and 9°·8 south and the extremes 2° and 12° in the northern hemisphere and 1° and 19° in the southern.

Prominences.—The mean areas of prominences for each hemisphere of the sun are shown in the following table in

which the figures for the previous year are given for comparison :—

Mean daily profile Areas of Prominences.

	1910.	1911.
	Square minutes.	Square minutes.
North	2·03	1·27
South	2·07	1·64
Total .	4·10	2·91

The reduction of area of only 28 per cent. compared with 1910 shows that the solar activity as regards prominences is to a large extent independent of the spot activity, which has fallen during 1911 to about one-third of its value in 1910.

The distribution of the prominences in latitude differs from that in 1910 in the development of a zone of great activity in the southern hemisphere between the parallels of 35° and 50°. This has caused a marked excess of southern prominences over northern. The parallels of 60° north and south as in 1910 mark the approximate limits of prominence formation towards the poles, but small and transient jets have been frequently recorded within the polar areas.

Metallic prominences were very infrequent, only 24 being recorded during the year. Most of them were found in the sun-spot zones but, as in the previous year, a few were observed in high latitudes. The mean and extreme latitudes are given in the following table :—

Metallic Prominences.

TABLE 3.

—	Number observed.	Mean latitude.	Extreme latitudes.
North	9	21°·5	0°·5 86°·5
South	15	28°·8	2°·0 71°·5

The prominence activity in each month may be estimated from the following table :—

Number of Prominences.

TABLE 4.

Months.	Prominences one minute or more in height.	Metallic.	Eruptive.
January	47	1	5
February	25	2	5
March	27	3	6
April	44	3	12
May	33	2	5
June	23	2	2
July	14	...	3
August	43	3	6
September	42	1	12
October	51	...	4
November	49	4	6
December	40	3	2

J. EVERSHED,

Director,

Kodaikanal and Madras Observatories.

Bombay Observatory: (Alibag) magnetic record.

During the year there were 95 calm days, 253 days of small, 15 days of moderate, and two days of great disturbance, as against 102 calm days, 236 days of small, 25 days of moderate and 2 days of great disturbance of the preceding year.

The following is a list of days selected as "quiet" for the purposes of the Magnetic Survey of India during the year:—

TABLE 5.

Month.	Selected quiet days.				
January 1911	7	12	14	17	23
February „	4	12	15	18	20
March „	11	12	17	18	19
April „	6	13	14	15	26
May „	4	10	13	23	28
June „	3	8	18	19	27
July 1911	5	14	15	16	2
August „	11	12	14	18	2
September „	2	8	9	28	3
October „	1	6	15	28	3
November „	2	11	18	23	2
December „	5	9	16	20	2

The following table prepared in accordance with th suggestions made by the International Commission, Terrestria Magnetism, represents the magnetic character of each da during the year.

TABLE 6.

1911.	MONTH.											
Date.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	1	1	1	1	1	1	1	0	1	0	1	1
2	1	1	1	1	1	0	1	0	0	1	0	0
3	1	1	1	1	0	0	1	1	0	1	1	1
4	1	1	1	1	0	1	1	1	0	1	1	0
5	1	1	2	0	1	1	1	1	1	0	1	0
6	1	1	1	0	1	1	1	1	1	0	0	1
7	0	1	1	1	2	0	1	0	1	1	1	1
8	1	1	1	1	1	0	1	0	0	1	1	0
9	1	1	0	2	1	1	1	1	0	1	1	0
10	1	1	0	1	1	1	1	0	1	1	1	1
11	1	1	0	1	1	1	1	0	1	1	0	2
12	0	0	0	1	1	1	1	0	1	1	1	1
13	1	1	1	0	0	1	1	1	1	1	2	0
14	1	1	1	0	1	1	0	0	0	1	1	1
15	1	0	1	0	2	1	0	1	1	0	1	1
16	1	1	1	2	1	1	0	1	1	1	1	0
17	0	1	0	1	1	0	1	1	1	1	1	1
18	1	1	0	1	1	0	1	0	1	1	0	1
19	1	1	0	1	1	0	1	1	1	1	1	0
20	1	0	2	1	1	1	1	1	2	1	1	0
21	1	2	2	1	1	1	0	1	2	1	1	0
22	1	2	1	1	1	1	0	0	1	1	0	0
23	1	1	1	1	1	1	0	2	1	1	0	1
24	2	1	1	1	1	1	1	2	1	1	0	0
25	1	1	1	1	1	0	0	1	0	1	1	1
26	1	1	1	0	1	0	0	1	0	1	1	1
27	1	1	1	0	1	0	1	1	1	1	0	1
28	1	1	1	1	0	1	1	1	0	0	0	0
29	1	...	1	1	1	0	1	1	1	1	1	0
30	1	...	1	2	1	0	1	1	0	0	0	1
31	1	...	1	...	1	...	1	1	...	0	...	1
Σ	29	27	27	26	29	18	23	23	22	24	21	1

In the above table 0 represents calm day.
" 1 small disturbance.
" 2 larger disturbance.

The mean values of the magnetic elements obtained from all days in the year are as follows :—

Mean easterly declination	0° 54′ 43″	
Horizontal force...	0·36856	C. G. S. unit.
†Vertical force (standardised by dip circle)	0·16228	„ „
†Vertical force (standardised by inductor)	0·16250	„ „
†Inclination by dip circle ... Observed ...	23° 45·5′	
†Inclination by dip circle ... ‡Calculated...	23° 45·9′	
†Inclination by the inductor Observed ...	23° 47·1′	
†Inclination by the inductor ‡Calculated ...	23° 47·3′	

‡ (Derived from the corrected mean values of H. and V. for the year).

† In connection with the question of the differences in the values of inclination by the dip circle and the inductor, the special investigations referred to in the last year's annual summary were undertaken. A full discussion about the nature and the magnitude of the errors involved is published elsewhere, but as a result of these investigations it may be mentioned that the vertical force derived from the inclination results of the inductor is higher than that derived from the dip circle by 21γ (equivalent to 1·7 of dip) with a probable error of ±2γ. To link up therefore the past dip circle record (upto December 1911) with that given by the inductor, it has been decided to apply the above correction.

The following table gives the corrected monthly mean values of the several magnetic elements as also the summed ranges of the horizontal force :—

TABLE 7.

Month. 1911.	Absolute values of				Horizontal force.	
	Horizontal force in C. G. S. unit.	Vertical force in C. G. S. unit.	Inclination by the dip circle.	Easterly declination.	Summed ranges.	Summed ranges (smoothed).
			° ′		C.G.S unit	C.G.S.unit
January .	0·36846	0·16168	23 41·5	0° 56′ 15″	0·00182	0·00239
February .	840	185	43·0	56′ 2″	258	234
March .	848	204	44·3	55′ 57″	255	230
April .	849	208	44·5	55′ 27″	250	227
May . .	0·36853	0·16203	23 44·1	0 55 19	0·00253	0·00
June .	863	221	45·1	54 55	236	[illegible]
July . .	861	244	47·0	54 33	220	[illegible]
August .	863	245	46·9	54 1	205	[illegible]
September .	861	252	47·5	53 48	151	[illegible]
October .	859	257	48·0	53 45	223	[illegible]
November .	864	271	48·9	53 22	210	[illegible]
December .	863	281	49·8	53 16	123	...

NOTE. Summed range means sum without regard to signs of the 24 ordinates of diurnal inequality. Smoothed ranges are derived from running means of 12 consecutive monthly means reduced to the proper epoch so as to eliminate the annual variation.

The progression as indicated by the figures in the last column of the above table shows that the secular decay of magnetic activity from maximum to minimum condition continued steadily during the year ; but what is of greater importance is, that the figures for the summed ranges for the year show a record minimum when compared with similar figures for the last 65 years in the Colaba record (*vide* table 536, Colaba Magnetic Data, 1846-1905, Volume II) in which those for 1902 were till then the lowest on record. From this and the facts that the maximum was reached about 1906 and the minimum might, therefore, be expected, as usual, to be attained about 1913, the secular decay of magnetic activity by then will be relatively very heavy, and presumably therefore the next maximum is more likely to be of the type of the last maximum (and will probably be the lowest maximum on record) than of the type of the maximum of 1871.

TABLE 8.—*In the following table will be found a list of seismic disturbances recorded by the Milne's seismograph at Bombay.*

[All times given in this table denote G. M. T.]

No.	Date 1911.	Commencement.		Max.		End.		Max. Amp.	Duration.		REMARKS.
		h.	m.	h.	m.	h.	m.	mm.	h.	m.	
2	January 1	10	21·9	10	30·7	11	1·2	8·3	0	39·3	
3	,, 1	15	8·7	15	11·6	.....		1·4	.....		End lost in shifting time.
5	,, 2–3	23	14·5	23	53·3	0	17·5	0·3	1	3·0	
8	,, 3	7	47·3	7	56·6	8	11·5	0·3	0	24·2	As the traces overlap maximum amplitude cannot be determined.
9	,, 3-4	23	31·2	.....		3	33·9	.....	4	2·7	
13	,, 4	9	49·6	9	52·0	10	7·2	1·3	0	17·6	
18	,, 7	2	25·8	2	54·8	3	30·6	0·9	1	4·8	
21	,, 14	18	4·1	18	6·7	18	24·3	0·5	0	20·2	
24	,, 16	9	9·4	9	28·8	9	45·2	0·4	0	35·8	As the traces overlap maximum amplitude cannot be determined.
62	February 18	18	46·0	.....		20	35·4	.....	1	49·4	
70	,, 23	11	30·8	11	45·9	12	9·6	0·5	0	38·8	
164	April 7	7	7·3	7	33·9	8	24·8	0·7	1	17·5	
196	,, 18	18	19·3	18	29·1	19	44·7	14·8	1	25·4	
212	,, 29	5	29·3	5	42·8	6	7·9	0·5	0	38·6	
216	May 4	13	42·2	13	51·8	14	25·0	0·7	0	42·8	
217	,, 4–5	23	48·3	0	23·3	1	56·7	2·3	2	8·4	
220	,, 11	4	25·0	4	32·9	4	58·9	0·5	0	33·9	
261	June 7	11	24·3	12	39·7	14	31·4	5·0	3	7·1	
262	,, 8	0	9·1	0	24·3	0	34·9	0·5	0	25·8	
284	,, 15	14	35·1	14	58·6	17	39·9	6·9	3	4·8	
287	,, 17	5	39·7	5	41·2	5	57·1	0·3	0	17·4	
321	July 4	13	37·3	13	41·4	15	25·8	4·4	1	48·5	
322	,, 5	2	20·1	2	24·1	2	37·2	1·2	0	17·1	
325	,, 5	18	50·0	18	56·6	19	30·3	0·4	0	40·3	
342	,, 12	4	16·5	4	42·9	6	53·2	6·5	2	36·7	
347	,, 19	20	39·8	20	57·5	21	8·5	0·5	0	28·7	
387	August 16	22	52·3	23	25·6	.....		2·7	.....		End lost in the beginning of following disturbance.
388	,, 17	.....		1	30·2	2	30·6	1·0	.....		Beginning lost in the end of preceding disturbance.
393	,, 18	3	29·2	3	39·2	3	38·8	0·3	0	9·6	
398	,, 21	16	55·8	17	9·3	18	4·2	0·2	1	8·4	
401	,, 23	16	55·5	16	56·5	17	14·5	0·3	0	19·0	
423	September 6	1	13·2	1	17·3	1	38·0	0·2	0	24·8	
426	,, 8	23	23·3	23	30·4	23	44·5	0·4	0	21·2	
432	,, 15	13	39·8	14	35·3	15	27·7	1·0	1	47·9	
434	,, 17	3	44·9	4	16·4	6	39·1	3·6	2	54·2	
442	,, 22	5	53·6	5	54·8	6	21·2	0·4	0	27·6	
444	,, 26	14	16·6	14	23·7	14	39·6	0·4	0	23·0	

TABLE 8.—*In the following table will be found a list of seismic disturbances recorded by the Milne's seismograph at Bombay*—concld.

(All times given in this table denote G. M. T.)

No.	Date 1911.	Commencement.		Max.		End.		Max Amp.	Duration.		REMARKS.
		h.	m.	h.	m.	h.	m.	mm.	h.	m.	
447	October 6	11	28·8	11	41·2	12	16·7	0·4	0	47·9	
449	" 13	3	10·6	3	19·1	3	36·3	0·3	0	25·7	
450	" 14	6	48·7	6	55·7	7	4·1	0·6	0	15·4	
451	" 14	13	3·7	13	11·4	13	24·7	1·1	0	21·0	
452	" 14	23	29·1	23	31·2	0	6·8	14·8	0	37·7	
453	" 15	12	28·5	12	36·0	12	52·2	0·6	0	23·7	
459	" 17	12	8·1	12	38·7	13	32·5	0·9	1	24·4	
476	November 13	16	36·1	17	0·8	17	41·9	5·7	1	5·8	
481	" 30	23	44·3	23	45·0	23	49·7	0·4	0	5·4	
485	December 11	11	11·6	11	18·0	12	16·6	1·4	1	5·0	
488	" 13	9	3·3	9	9·8	9	16·3	0·5	0	13·0	
492	" 16	19	35·9	20	43·4	21	44·5	3·3	2	8·6	
497	" 20	6	19·2	6	46·4	7	12·9	1·4	0	53·7	
504	" 29	16	18·2	16	23·3	16	33·7	0·3	0	15·5	
507	" 31	6	28·4	6	53·2	7	13·1	0·4	0	44·7	

Sensibility to tilt between 1st January and 11th April 1·0 mm. of amplitude = 0·37″; between 12th April and 9th May 1·0 mm. of amplitude = 0·41″, between 10th May and 18th June 1·0 mm. of amplitude = 0·37″; between 19th June and 18th July 1·0 mm. of amplitude = 0·41″ and between 19th July and 31st December 1·0 mm of amplitude = 0·40″.

N. A. F. MOOS,

Director, Bombay and Alibag Observatories.

Solar Radiation.

The following table shows, in absolute measure, the value of solar radiation as measured at Simla by means of Angstrom's electric compensation pyrheliometer:—

TABLE 9.

1911.	Intensity in gramme-calories per sq. cm. per min.			Number of days of observation.	1911.	Intensity in gramme-calories per sq. cm. per min.			Number of days of observation.
	Maximum.	Minimum.	Mean.			Maximum.	Minimum.	Mean.	
January	1·50	1·46	1·48	4	July	1·34	1·14	1·24	8
February . . .	1·54	1·22	1·42	12	August	.....	No obs	ervations.	.....
March	1·54	1·45	1·49	9	September . . .	.....	No obse	rvations.	.....
April	1·48	1·34	1·43	9	October . . .	1·46	1·39	1·42	14
May	1·49	1·26	1·41	15	November . . .	1·51	1·42	1·48	19
June	1·36	1·20	1·29	7	December . .	1·51	1·51	1·50	4

Nocturnal Radiation.

Observations of the terrestrial radiation thermometers, which are as a rule not very reliable, were recorded during the year 1911 at the following stations—

Srinagar.	Jodhpur.	Calcutta.	(Alipore)
Lahore.	Allahabad.	Bombay.	
Simla.	Leh.	Ootacamund.	

The following Table 10 gives the average data of past years for the above stations; and Table 11 the departure from the normal.

TABLE 10.—*Average depression of mean monthly and annual nocturnal radiation temperatures below mean monthly and annual minimum shade temperatures.*

Station.	Number of years observations used.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
		°	°	°	°	°	°	°	°	°	°	°	°	°
Srinagar	13—18	8·1	8·6	9·7	10·0	11·0	10·8	10·7	10·3	12·3	11·9	11·3	11·1	10·5
Simla	19—20	3·9	3·3	3·4	5·3	4·2	3·5	2·8	2·1	3·4	4·6	4·6	4·4	3·8
Lahore	34—35	9·6	9·3	8·7	9·2	9·0	6·3	4·0	4·2	6·5	9·7	10·6	10·1	8·1
Jodhpur	14—16	8·5	?	?	7·9	5·3	2·7	2·0	2·2	4·7	9·3	10·9	9·9	?
Allahabad	34—35	11·0	11·5	12·6	12·3	9·1	5·0	3·1	2·6	4·1	9·2	12·3	12·4	8·8
Calcutta (Alipore)	34—35	7·4	6·9	5·8	4·4	3·0	2·1	1·8	1·9	2·5	4·3	6·5	7·8	4·5
Bombay	36	9·5	8·9	7·9	6·4	4·5	2·8	2·1	2·4	3·0	6·1	9·3	10·1	6·1
Leh	27—29	9·0	8·6	10·1	10·7	10·6	10·8	9·3	9·8	10·8	13·9	14·3	11·1	10·7
Ootacamund	8—9	10·1	10·3	9·1	7·3	5·0	2·9	2·1	3·1	3·3	3·7	5·3	8·2	5·9

TABLE 11.—*Departures from the averages of Table 10 of mean monthly and annual depression of nocturnal radiation temperatures in 1911.*

Station.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
	°	°	°	°	°	°	°	°	°	°	°	°	°
Srinagar	+ 2·7	+ 1·7	— 0·2	+ 1·7	+ 2·5	+ 4·5	+ 4·0	+ 5·4	+ 1·7	+ 0·8	+ 2·4	+ 1·3	+ 2·4
Simla	— 2·8	+ 0·6	— 1·2	— 1·7	+ 1·6	— 0·1	+ 1·0	+ 0·7	+ 0·3	+ 2·2	+ 0·9	+ 1·6	+ 0·3
Lahore	— 2·3	+ 1·1	— 1·3	+ 0·8	+ 2·0	+ 0·4	+ 2·5	+ 1·7	+ 0·4	+ 0·8	+ 0·5	+ 3·2	+ 0·8
Jodhpur	— 3·3	?	?	+ 1·6	+ 1·6	+ 0·5	+ 1·5	+ 1·1	+ 0·9	+ 0·3	— 1·8	+ 0·2	?
Allahabad	— 3·0	+ 1·7	— 1·8	+ 2·7	+ 2·6	— 0·1	+ 2·0	+ 1·0	+ 0·7	+ 0·3	— 0·9	+ 3·4	+ 0·7
Calcutta (Alipore)	— 1·4	— 0·8	— 0·5	— 0·7	— 0·3	0	+ 0·4	+ 0·3	— 0·4	— 0·6	— 2·1	— 1·3	— 0·6
Bombay	— 2·8	— 1·0	— 1·3	— 1·5	— 1·0	— 0·2	+ 0·2	— 0·3	— 0·2	— 2·1	— 4·7	— 4·0	— 1·6
Leh	— 5·7	— 5·5	— 5·4	— 2·3	— 2·0	— 3·0	— 2·2	— 2·9	— 4·8	— 6·2	— 8·4	— 6·0	— 4·5
Ootacamund	+ 4·4	+ 7·9	+ 3·4	+ 1·2	— 2·1	— 1·1	+ 0·6	+ 3·4	+ 1·8	0	+ 2·1	— 0·7	+ 1·7

Temperature of the ground.

Observations of the temperature of the surface of the ground were recorded during the year 1911 at six stations, Lahore, Jaipur, Dehra Dun, Allahabad. Calcutta (Alipore) and Bombay; and of the temperature under ground at Dehra Dun and Bombay only.

The thermometers used for the purpose are verified standard mercurial thermometers with attached scales of porcelain, the scale being engraved also on the tube.

At Lahore and Jaipur the surface thermometer is read four times daily; at Allahabad at 6, 14, and 22 hrs. and at Calcutta at 13 hrs. 45 mins. At Dehra Dun all the five ground thermometers are read at 15 hrs. daily, and at Bombay the two nearest to the surface are read five times a day, the deeper instruments being read once only.

The thermometers below the surface have their bulbs protected with pointed copper shoes which rest on ground at the bottom of a wooden tube, inserted to the specified depth and projecting six inches above the surface, the upper ends being closed by a cap of metal or wood. Those at depths of three feet or more are attached to the lower ends of stout wooden bars of about half the diameter of the tube

Those at one foot have a brass ring attached to the t of the wooden frame by which they are lifted; and in these the lower part of the frame around the bulb has be cut away, and the lower end fitted with the copper shoe abo mentioned.

The average monthly data are here given at length, b a paper published by Mr. R. L. Jones (Meteorologi Memoirs, Vol. XV, Pt. III, 1904) makes it clear that t results of the measurement of underground temperatures le to inconsistent results when analysed on the lines develop by Lord Kelvin. It may be that this is due to irregularit from percolation of rainfall as well as to imperfections in t mode of measurement.

Under these circumstances a table of departures from t average of past years is more likely to give indications value than a statement of absolute temperatures recorde such a table is therefore given below. The number of yea included in the averages in the different cases lies between 8 and 27.

TABLE 12.—*Departures from normal of the mean monthly and annual temperatures of the air and of the ground in 1911.*

Station.		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
		°	°	°	°	°	°	°	°	°	°	°	°	°
LAHORE	Air	+ 2·6	+ 2·7	— 4·0	— 2·3	+ 1·7	+ 0·6	+ 4·9	+ 5·9	+ 2·8	+ 3·0	— 2·5	— 0·7	+ 1·2
	Surface	+ 4·2	+ 1·9	— 4·7	— 0·3	+ 0·6	+ 0·5	+ 6·2	+ 6·2	+ 2·4	+ 2·3	— 3·5	— 1·7	+ 1·2
JAIPUR	Air	+ 2·9	+ 1·9	— 3·3	— 1·3	+ 2·7	+ 0·3	+ 4·9	+ 4·1	— 1·2	+ 1·3	— 2·5	+ 0·3	+ 0·8
	Surface	+ 1·0	— 0·9	— 8·3	— 3·1	+ 1·5	— 4·2	+ 4·5	+ 5·8	+ 5·6	+16·8	+15·1	+17·9	+ 4·3
DEHRA DUN	Air	+ 0·2	+ 1·6	— 4·7	— 2·8	+ 1·7	— 2·4	+ 2·7	+ 0·4	— 0·8	+ 1·0	— 3·4	?	?
	1·1 feet deep	+ 0·5	+ 1·6	— 2·0	+ 0·9	+ 5·9	— 0·2	+ 4·6	+ 2·9	— 0·3	+ 0·7	— 2·7	?	?
	3·2 ,, ,,	+ 0·1	+ 1·2	— 0·5	+ 0·3	+ 3·0	+ 0·6	+ 2·6	+ 2·4	+ 0·3	+ 0·6	— 1·7	?	?
	6·4 ,, ,,	— 0·4	+ 0·1	— 0·3	— 0·7	+ 0·9	+ 1·2	+ 0·9	+ 1·5	+ 0·6	0	— 0·5	?	?
	12·8 ,, ,,	+ 0·5	0	— 0·2	— 0·6	— 0·4	+ 0·1	— 0·3	— 0·5	+ 0·2	0	+ 0·1	?	?
	25·6 ,, ,,	+ 0·4	+ 0·2	+ 0·1	— 0·1	— 0·3	— 0·4	— 0·5	— 1·3	— 1·1	— 0·7	— 0·5	?	?
ALLAHABAD	Air	+ 4·5	— 0·4	— 4·1	— 1·7	+ 1·9	— 0·7	+ 6·6	+ 0·8	— 1·6	+ 0·5	— 1·1	— 1·6	+ 0·3
	Surface	+ 3·9	— 0·5	— 3·2	— 0·6	+ 2·4	— 0·6	+ 8·1	+ 2·0	— 3·6	— 0·6	+ 0·9	— 1·4	+ 0·5
CALCUTTA (ALIPORE).	Air	+ 4·0	+ 0·3	— 0·4	— 0·2	+ 1·0	— 0·1	+ 1·6	+ 1·2	+ 0·8	+ 0·9	+ 1·8	— 1·0	+ 0·8
	Surface	+13·7	+ 6·8	— 4·3	+ 2·1	+ 7·0	— 0·5	+ 3·3	— 0·8	— 1·6	— 3·8	+ 0·8	+ 4·1	+ 2·2
BOMBAY	Air	+ 0·9	+ 0·6	— 0·2	— 1·0	+ 0·4	+ 0·4	+ 1·3	0	+ 1·2	+ 1·4	+ 1·6	+ 3·5	+ 0·8
	1 inch deep	+ 0·6	— 0·2	— 0·5	— 1·2	+ 0·4	+ 0·6	+ 1·4	0	+ 1·0	+ 1·3	+ 1·5	+ 3·2	+ 0·6
	9 inches ,,	+ 1·7	+ 0·7	+ 0·5	0	+ 1·0	+ 1·1	+ 1·4	+ 0·4	+ 0·7	+ 1·2	+ 1·6	+ 3·0	+ 1·1
	1 foot 8 inches deep	+ 2·3	+ 1·6	+ 1·8	+ 1·1	+ 1·8	+ 1·4	+ 1·6	+ 0·7	+ 0·7	+ 1·3	+ 1·5	+ 2·5	+ 1·6
	5 feet deep	+ 1·2	+ 1·3	+ 1·3	+ 1·0	+ 1·1	+ 1·2	+ 1·0	+ 1·0	+ 0·9	+ 1·2	+ 1·5	+ 1·8	+ 1·2
	11 ,, ,,	+ 1·1	+ 1·2	+ 1·4	+ 1·0	+ 0·5	+ 0·3	+ 0·5	+ 0·4	+ 0·5	+ 0·9	+ 1·1	+ 1·4	+ 0·9

Temperature.

The methods of exposing the thermometers at observatories in India were described in pages 18-19 of the Annual Report for 1890.

The method of deducing the daily and monthly means from the observed readings of the instruments was described in pages 6 and 7 of the Monthly Weather Review for January 1911.

The departures from normal of the mean temperature of each month, given in Table A of the Monthly Weather Reviews, are deduced by a comparison of the actual monthly means with the normal monthly means given in the "Indian Meteorological Memoirs," Volume XVII, pages 16 to 24.

The departures obtained by a comparison of these normal means with the actual monthly means in Table A of the Monthly Weather Reviews for the year are given in Table 13.

In Table B, published in each Monthly Review, the mean temperature of the day is calculated, as in the Daily Weather Report, by the formula :—daily mean $= \frac{\text{maximum} + \text{minimum}}{2}$. It differs from the true daily mean by amounts varying slightly with the season. In Table B of the Monthly Weather Reviews of the year 1911 are given the departures from normal of the monthly means of daily maximum and minimum temperatures, as well as the departures of the monthly means of daily mean temperature given by the formula ½ (maximum + minimum).

Tables 14 to 19 give summaries of the temperature departure data for each month of the year 1911 and for the whole year. In the first set of tables (Tables 14, 15 and 16) the departure data are given for the 14 chief political divisions, and in the last three tables (Tables 17 to 19) the data are given for the 34 sub-divisions :—

TABLE 13.—*Departure from normal of monthly and annual mean air temperatures at first and second class observatories in 1911.*

Division.	Station.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
		°	°	°	°	°	°	°	°	°	°	°	°	°
BURMA	Rangoon	+0·2	−1·2	−1·3	−1·5	−0·7	+0·2	−0·2	−0·5	+0·5	−0·4	+1·0	?	?
BENGAL	Calcutta	+4·0	+0·3	−0·4	−0·2	+1·0	−0·1	+1·6	+1·2	+0·8	+0·9	+1·8	−1·0	+0·8
UNITED PROVINCES	Allahabad	+4·5	−0·4	−4·1	−1·7	+1·9	−0·7	+6·6	+0·8	−1·6	+0·5	−1·1	−1·6	+0·3
	Dehra Dun	+0·2	+1·6	−4·7	−2·8	+1·7	−2·4	+2·7	+0·4	−0·8	+1·0	−3·4	?	?
PUNJAB	Lahore	+2·6	+2·7	−4·0	−2·3	+1·7	+0·6	+4·9	+5·9	+2·8	+3·0	−2·5	−0·7	+1·2
RAJPUTANA	Jaipur	+2·9	+1·9	−3·3	−1·3	+2·7	+0·3	+4·9	+4·1	−1·2	+1·3	−2·5	+0·3	+0·8
BOMBAY	Bombay	+0·9	+0·6	−0·2	−1·0	+0·4	+0·4	+1·3	0	+1·2	+1·4	+1·6	+3·5	+0·8
CENTRAL PROVINCES	Nagpur	+1·6	−2·7	−2·9	−0·5	+2·8	−1·6	+1·6	−1·1	−0·6	+0·6	+1·8	?	?
HYDERABAD	Hyderabad	+1·4	−2·8	0	+2·1	+2·6	+0·5	+1·6	−1·1	+2·5	+2·9	+3·3	+1·6	+1·2
MYSORE	Bangalore	+1·8	−1·9	+0·3	+0·2	−0·2	−0·1	−0·7	−0·1	+2·5	+0·3	+1·5	+1·4	+0·4
	Mysore	+0·7	−2·6	−0·6	0	−1·4	−1·5	−1·3	−1·8	+0·1	−0·8	+0·5	+1·0	−0·6
MADRAS	Madras	+0·7	−1·5	+0·5	+0·8	+0·1	+1·4	+1·7	+2·4	+1·2	+0·8	+1·2	+0·7	+0·8
BAY ISLANDS	Port Blair	−0·8	−1·0	−1·7	−2·8	−1·3	−0·8	−0·4	+0·1	−0·8	−1·8	+1·0	+0·3	−0·8
KASHMIR	Srinagar	+1·0	−0·4	−2·8	−0·4	+0·5	+2·3	−0·9	+2·8	+2·4	+2·7	−3·2	−0·8	+0·3
	Leh	−0·9	−3·9	−2·2	−0·7	+2·2	+1·8	−3·1	−0·6	+1·8	+2·9	−4·2	−1·7	−0·7
BALUCHISTAN	Quetta	−3·8	+4·2	−3·3	−1·0	+1·0	+1·7	−3·0	+1·5	+3·1	−0·6	−3·8	?	?
HILL STATIONS, EXCLUDING KASHMIR AND BALUCHISTAN.	Simla	+1·3	+4·6	−6·4	−0·4	+2·9	−0·8	+2·4	+0·8	−0·7	0	−5·3	+0·8	−0·1
	Chakrata	+1·5	+5·4	−6·2	−1·4	+3·6	−1·1	+1·9	+1·0	+0·2	+0·6	−3·8	?	?
	Katmandu	+1·9	+1·5	−1·2	+2·2	+3·0	+1·7	+1·0	+0·7	+0·5	+1·1	−1·8	−3·1	+0·6
	Darjiling	+2·2	+0·7	−2·0	−0·3	+0·2	+1·2	+1·2	+0·8	+0·9	+0·2	−1·4	?	?
	Pachmarhi	+3·3	−1·5	−3·4	−0·5	+3·3	−2·2	+1·6	+0·1	−0·5	+2·0	+2·8	?	?
	Mount Abu	0	+1·9	−5·4	−2·4	+1·4	−1·4	+2·6	+1·2	+0·2	+2·0	?	?	?
	Chikalda	+1·0	−0·6	−3·6	−0·3	+2·8	−0·5	+1·5	−0·7	+0·2	+1·3	+2·5	?	?
EXTRA INDIA	Zanzibar	+1·6	−0·1	+1·1	−0·4	+0·6	−1·3	−1·7	−0·9	−1·1	−1·1	0	+0·5	−0·2
	Seychelles	−0·1	+0·1	+0·9	+0·9	+0·1	+0·6	+0·5	−0·1	0	+0·4	+1·6	+1·6	+0·5
	Mauritius	−0·4	−1·3	−1·3	−2·1	−1·4	−0·1	−0·3	?	?		?	?	?

TABLE 14.—*Departure of the mean monthly and annual maximum temperature from the normal in the fourteen chief political divisions of India in 1911, as given by all observatories.*

Division.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
	°	°	°	°	°	°	°	°	°	°	°	°	°
Burma	− 0·5	− 1·8	− 2·1	− 2·7	0	− 0·7	− 0·5	− 0·8	+ 0·1	− 1·7	+ 0·4	+ 1·6	− 0·7
Eastern Bengal and Assam	+ 1·2	0	− 2·1	− 2·2	− 1·9	− 0·6	− 0·7	+ 0·1	− 0·2	− 1·2	− 1·6	− 1·1	− 0·9
Bengal	+ 2·7	+ 0·1	− 3·1	− 1·4	+ 1·3	− 3·1	+ 2·5	− 0·2	− 0·7	− 0·2	− 0·8	− 1·7	− 0·4
United Provinces	0	+ 1·1	− 6·5	− 1·5	+ 2·8	+ 0·1	+ 8·6	+ 2·9	− 3·1	− 1·6	− 5·5	− 2·3	− 0·4
Punjab	− 2·8	+ 2·5	− 8·2	− 3·5	+ 1·5	− 0·5	+ 5·6	+ 5·6	+ 0·2	+ 0·2	− 7·3	− 1·2	− 0·7
North-West Frontier Province	− 5·9	+ 0·9	− 9·3	− 3·7	+ 0·7	+ 0·9	+ 3·9	+ 5·0	+ 0·5	− 0·1	− 6·9	− 2·0	− 1·3
Sind	− 4·3	+ 2·6	− 6·0	− 2·5	+ 0·5	− 0·1	0	+ 1·0	+ 0·9	0	− 2·8	− 0·2	− 0·9
Rajputana	+ 2·0	+ 4·7	− 5·2	− 0·7	+ 2·8	− 0·5	+ 6·7	+ 4·9	− 1·8	+ 1·2	− 4·5	+ 0·3	+ 0·8
Bombay	+ 0·3	+ 0·4	− 3·0	− 1·2	+ 0·6	− 0·4	+ 1·9	− 0·5	+ 1·1	+ 2·1	+ 1·0	+ 1·8	+ 0·3
Central India	+ 2·5	+ 1·7	− 5·4	− 1·4	+ 2·3	− 1·5	+ 5·9	+ 2·3	− 2·9	+ 0·7	− 2·8	+ 0·9	+ 0·2
Central Provinces	+ 1·4	− 0·7	− 4·1	− 0·2	+ 2·6	− 2·4	+ 3·4	− 1·3	− 1·3	+ 1·6	0	+ 0·3	− 0·1
Hyderabad	+ 0·7	− 1·6	− 1·5	+ 2·0	+ 2·3	− 1·3	+ 0·9	− 2·0	+ 2·6	+ 3·4	+ 2·6	+ 0·3	+ 0·7
Mysore	+ 1·5	− 1·7	− 0·7	+ 1·1	+ 0·1	− 0·3	− 0·3	− 1·1	+ 2·0	+ 0·5	+ 1·6	+ 0·6	+ 0·3
Madras	+ 1·3	− 0·7	− 0·2	+ 0·4	+ 0·4	− 0·6	− 0·2	+ 1·0	+ 1·3	+ 0·9	+ 0·6	− 0·5	+ 0·3

TABLE. 15.—*Departure of the mean monthly and annual minimum temperature from the normal in the fourteen chief political divisions of India in 1911.*

Division.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
	°	°	°	°	°	°	°	°	°	°	°	°	°
Burma	+1·1	−2·4	−0·6	−1·5	−0·1	−0·1	0	−0·3	0	−0·6	−1·0	+1·5	−0·3
Eastern Bengal and Assam	+2·8	−0·2	−0·7	−0·3	−0·9	+0·3	−0·3	+0·3	+0·2	−0·1	−0·4	−1·7	−0·1
Bengal	+3·2	−2·6	−1·7	−0·7	+0·5	−0·8	+0·9	0	0	+0·4	+1·8	−1·8	−0·1
United Provinces	+4·6	−1·7	−2·3	−2·2	+0·1	+0·7	+3·3	+0·9	−0·3	+2·6	+0·7	−1·9	+0·4
Punjab	+4·8	+0·9	−1·9	−1·3	+0·3	+1·3	+1·9	+3·7	+2·6	+2·9	−0·3	−0·7	+1·2
North-West Frontier Province	+3·3	+0·1	−0·9	−2·1	+0·3	+1·0	−0·1	+2·3	+3·1	+2·3	−0·1	+0·4	+0·8
Sind	+1·4	+1·1	−1·7	−0·9	+0·8	0	−1·0	+0·1	+1·8	+1·4	+0·3	−0·4	+0·2
Rajputana	+4·7	−0·6	−2·1	−1·9	+1·0	−0·9	+2·6	+2·1	+0·4	+2·5	+0·4	+0·8	+0·7
Bombay	+1·5	−2·3	−1·7	−1·7	+0·2	−0·2	+0·3	−0·4	+0·2	+1·2	+3·0	+3·6	+0·3
Central India	+6·1	−1·6	−2·0	−1·8	+1·5	−0·5	+2·0	+0·7	+0·2	+2·5	+4·2	+2·4	+1·1
Central Provinces	+3·7	−3·4	−2·5	−1·7	+2·5	−1·5	+0·6	−0·5	+0·1	+1·5	+5·2	+2·2	+0·5
Hyderabad	+0·9	−3·1	+0·1	+1·0	+2·4	0	+0·2	−0·7	+0·6	+0·7	+3·9	+2·3	+0·7
Mysore	+0·9	−2·8	−0·2	−0·7	−0·3	−0·1	−0·2	−1·0	−0·4	−0·8	+1·0	+2·7	−0·2
Madras	+0·5	−2·6	+0·1	+0·2	+0·2	−0·3	−0·3	+0·2	+0·5	0	+0·8	+1·6	+0·1

TABLE 16.—*Departure of mean monthly and annual mean temperature from the normal in the fourteen chief political divisions of India in 1911.*

Division.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
	°	°	°	°	°	°	°	°	°	°	°	°	°
Burma	+0·3	−2·1	−1·4	−2·1	−0·1	−0·4	−0·3	−0·5	+0·1	−1·2	−0·3	+1·5	−0·5
Eastern Bengal and Assam	+2·0	−0·1	−1·4	−1·2	−1·4	−0·1	−0·5	+0·2	0	−0·6	−1·0	−1·4	−0·5
Bengal	+3·0	−1·2	−2·4	−1·0	+0·9	−2·0	+1·7	−0·1	−0·4	+0·1	+0·5	−1·8	−0·2
United Provinces	+2·3	−0·3	−1·4	−1·8	+1·5	+0·4	+5·9	+1·9	−1·7	+0·5	−2·4	−2·1	0
Punjab	+1·0	+1·7	−5·0	−2·4	+0·9	+0·4	+3·7	+4·7	+1·2	+1·5	−3·8	−0·9	+0·3
North-West Frontier Province	−1·3	+0·5	−5·1	−2·9	+0·5	+0·9	+1·9	+3·7	+1·9	+1·1	−3·5	−0·8	−0·3
Sind	−1·5	+1·8	−3·8	−1·6	+0·7	0	−0·5	+0·6	+1·4	+0·7	−1·3	−0·3	−0·3
Rajputana	+3·4	+2·0	−3·6	−1·3	+1·9	−0·7	+4·6	+3·5	−0·7	+1·9	−2·0	+0·5	+0·8
Bombay	+0·9	−0·9	−2·3	−1·4	+0·4	−0·3	+1·1	−0·5	+0·7	+1·7	+2·0	+2·7	+0·3
Central India	+4·3	0	−3·7	−1·6	+1·9	−1·0	+3·9	+1·5	−1·4	+1·5	+0·7	+1·6	+0·6
Central Provinces	+2·5	−2·1	−3·3	−1·0	+2·5	−2·0	+2·0	−0·9	−0·6	+1·6	+2·6	+1·3	+0·2
Hyderabad	+0·8	−2·4	−0·7	+1·5	+2·3	−0·7	+0·5	−1·3	+1·6	+2·0	+3·3	+1·3	+0·7
Mysore	+1·3	−2·3	−0·5	+0·2	−0·1	−0·2	−0·3	−1·0	+0·8	−0·1	+1·3	+1·7	+0·1
Madras	+0·9	−1·7	0	+0·3	+0·3	−0·4	−0·2	+0·6	+0·9	+0·4	+0·7	+0·6	+0·2
Mean of India	+1·7	−0·6	−2·6	−1·2	+0·9	−0·6	+1·8	+0·8	+0·1	+0·8	−0·1	+0·8	+0·1

TABLE 17.—*Departure of the mean monthly and annual maximum temperature from the normal in 34 sub-divisions of India in 1911.*

Sub-division.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
	°	°	°	°	°	°	°	°	°	°	°	°	°
1. Bay Islands	−0·2	−1·1	−1·9	−3·6	−1·6	−1·1	−0·6	−0·1	−1·0	−1·8	+0·9	0	−1·
2. Lower Burma	−1·0	−1·5	−2·2	−2·1	−0·2	−0·2	−0·3	−0·5	+0·4	−1·3	+1·0	+2·0	−0·
3. Upper Burma	0	−2·1	−2·1	−3·5	+0·3	−1·3	−0·8	−1·2	−0·3	−2·4	−0·8	+0·7	−1·
4. Assam	+0·6	−1·2	−2·7	−2·7	−2·7	−1·0	−2·0	−0·8	−0·8	−2·8	−2·9	−1·4	−1·
5. Eastern Bengal	+1·6	+0·5	−1·8	−2·0	−1·6	−0·4	−0·1	+0·5	+0·1	−0·5	−1·1	−1·0	−0·
6. Bengal	+3·0	+0·6	−2·1	−1·1	+1·0	−2·0	+1·7	+0·5	+0·1	−0·2	−0·1	−1·3	(
7. Orissa	+3·7	−0·8	−2·2	−1·6	+0·4	−3·3	+3·2	−1·0	−1·0	−0·1	+1·1	−1·3	−0·
8. Chota Nagpur	+2·9	+0·3	−3·2	−0·5	+3·9	−4·6	+3·6	−0·3	−1·1	+0·2	−1·5	−2·4	−0·
9. Bihar	+1·5	+0·5	−5·1	−1·9	+0·5	−3·4	+2·2	−0·2	−1·1	−0·6	−2·5	−1·9	−1·0
10. United Provinces, East	+0·9	+0·5	−6·1	−1·5	+2·4	0	+8·4	+0·2	−3·3	−1·9	−4·5	−2·4	−0·6
11. Do. do. West	−0·7	+1·5	−6·8	−1·6	+3·2	+0·2	+8·8	+5·2	−2·9	−1·3	−6·4	−2·0	−0·2
12. Punjab, East and North	−2·5	+2·4	−8·2	−3·3	+1·8	−0·4	+7·3	+6·9	−0·2	−0·1	−7·4	−1·4	−0·4
13. Punjab, Southwest	−3·4	+2·7	−8·1	−3·9	+0·7	−0·7	+1·6	+2·7	−0·2	+0·7	−7·1	−0·7	−1·3
14. Kashmir	−0·7	−3·7	−4·8	−1·6	+0·2	+3·9	−0·3	+3·3	+2·1	+3·9	−5·1	−2·1	−0·4
15. North-West Frontier Province	−5·9	+0·9	−9·3	−3·7	+0·7	+0·9	+3·9	+5·0	+0·5	−0·1	−6·9	−2·0	−1·3
16. Baluchistan	−7·0	+5·5	−4·8	−2·1	−0·5	+2·5	−1·5	+3·4	+2·0	−0·7	−8·3	−2·5	−1·2
17. Sind	−4·3	+2·6	−6·0	−2·5	+0·5	−0·1	0	+1·0	+0·9	0	−2·8	−0·3	−0·9
18. Rajputana, West	+1·1	+5·5	−5·9	−1·8	+2·3	−0·3	+5·4	+4·9	−0·5	+0·5	?	+1·6	+1·2*
19. Do. East	+2·3	+4·3	−4·9	−0·2	+3·0	−0·7	+7·0	+4·9	−2·3	+1·5	−4·5	−0·1	+0·9
20. Gujarat	+0·5	+2·3	−5·0	−1·9	+0·7	−0·6	+3·7	+0·8	+1·3	+1·8	+0·5	+3·3	+0·6
21. Central India, West	+2·5	+1·7	−5·1	−1·4	+1·1	−1·6	+4·2	+3·0	−1·7	+3·2	−1·5	+3·1	+0·6
22. Do. do. East	+2·7	+1·7	−6·0	−1·5	+3·6	−1·3	+7·7	+1·5	−4·2	−1·9	−4·1	−1·3	−0·3
23. Berar	+0·5	−0·8	−3·9	+0·3	+2·5	−1·1	+2·9	−1·3	−0·5	+4·3	+1·4	+1·1	+0·5
24. Central Provinces, West	+1·7	−0·3	−4·4	−0·7	+2·7	−2·5	+3·9	−0·6	−2·1	+1·3	−0·9	+0·3	−0·1
25. Do. do. East	+1·1	−2·1	−3·6	+0·5	+2·5	−3·5	+2·5	−3·3	+0·3	−0·3	+1·1	−0·3	−0·4
26. Konkan	−0·9	+0·2	−1·5	−2·9	−0·9	−0·1	−0·2	−0·5	0	−0·3	+0·3	+1·0	−0·5
27. Bombay, Deccan	+1·2	−1·2	−2·2	+1·1	+1·8	−0·4	+1·2	−2·1	+1·9	+4·5	+2·2	+1·0	+0·7
28. Hyderabad, North	+0·4	−1·0	−2·8	+1·8	+2·0	−2·5	+1·2	−2·1	+2·1	+3·4	+2·1	+0·1	+0·4
29. Do. South	+0·9	−1·9	−0·9	+2·0	+2·5	−0·8	+0·7	−1·9	+2·8	+3·4	+2·9	+0·4	+0·8
30. Mysore	+1·5	−1·7	−0·7	+1·1	+0·1	−0·3	−0·3	−1·1	+2·0	+0·5	+1·6	+0·6	+0·3
31. Malabar	+0·1	−0·7	−0·9	−1·1	+0·3	−0·4	−0·3	+0·9	+1·1	−0·1	+0·3	−0·7	−0·1
32. Madras, Southeast	+1·4	−0·3	+0·4	+1·0	+0·7	−0·9	−0·9	+1·7	+0·9	+0·9	+0·3	−0·6	+0·4
33. Do. Deccan	+1·1	−2·1	−0·4	+1·3	+1·3	+0·1	+0·6	+0·3	+2·5	+2·6	+2·3	+1·1	+0·9
34. Do. Coast, North	+2·1	−0·6	−0·9	−0·2	−1·0	−0·6	+1·0	+0·4	+1·7	+0·5	+0·5	−1·3	+0·1

* Mean of 11 months.

TABLE 18.—*Departure of the mean monthly and annual minimum temperature from the normal in 34 sub-divisions of India in 1911.*

Sub-division.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
	°	°	°	°	°	°	°	°	°	°	°	°	°
1. Bay Islands	−1·4	−1·0	−1·6	−2·0	−0·9	−0·5	−0·2	+0·2	−0·5	−1·9	+1·4	+1·1	−0·6
2. Lower Burma	+0·3	−1·7	−0·7	−1·0	−0·2	−0·1	+0·1	−0·3	+0·1	−0·5	−0·5	+1·8	−0·2
3. Upper Burma	+2·0	−3·3	−0·5	−2·0	−0·1	−0·2	0	−0·1	−0·1	−0·9	−2·1	+0·9	−0·5
4. Assam	+3·0	0	−1·0	0	−0·6	+0·2	−0·4	+0·1	−0·1	−0·7	−0·4	−1·9	−0·1
5. Eastern Bengal	+2·8	−0·2	−0·6	−0·4	−1·0	+0·4	−0·2	+0·4	+0·3	+0·1	−0·3	−1·7	0
6. Bengal	+2·8	−2·2	−1·4	−0·2	+0·3	−0·7	+0·5	+0·3	0	+0·1	+1·9	−2·7	−0·1
7. Orissa	+2·1	−4·1	−0·9	−0·7	+0·4	−1·4	+1·1	−0·6	−0·1	+0·1	+2·8	−0·5	−0·1
8. Chota Nagpur	+4·6	−2·1	−3·0	−1·6	+1·3	−1·2	+1·4	+0·2	+0·5	+1·0	+2·7	−0·9	+0·2
9. Bihar	+3·4	−1·9	−1·7	−0·9	+0·5	−0·3	+0·8	0	−0·4	+0·7	+0·4	−2·6	−0·2
10. United Provinces, East	+5·1	−2·1	−1·8	−2·1	+0·1	+0·5	+3·3	−0·3	−0·5	+2·6	+1·3	−1·8	+0·4
11. Do. do. West	+4·2	−1·3	−2·7	−2·2	+0·1	+0·8	+3·3	+1·9	−0·2	+2·5	+0·3	−2·1	+0·4
12. Punjab, East and North	+5·2	+0·8	−2·2	−1·1	+0·1	+1·1	+2·2	+4·1	+2·3	+2·5	−0·1	−0·9	+1·2
13. Punjab, Southwest	+4·1	+0·9	−0·9	−1·5	+0·6	+1·6	+1·0	+2·7	+3·2	+3·9	−0·8	−0·3	+1·2
14. Kashmir	+3·0	−3·3	−3·4	−1·5	−1·2	+2·1	−2·6	+0·5	+1·7	+1·7	−2·3	−0·8	−0·5
15. North-West Frontier Province.	+3·3	+0·1	−0·9	−2·1	+0·3	+1·0	−0·1	+2·3	+3·1	+2·3	−0·1	+0·4	+0·8
16. Baluchistan	−0·7	+1·9	−1·0	−4·2	−1·8	−0·1	−5·9	−0·9	+1·1	−1·7	−3·2	−1·9	−1·5
17. Sind	+1·4	+1·1	−1·7	−0·9	+0·8	0	−1·0	+0·1	+1·8	+1·4	+0·3	−0·4	+0·2
18. Rajputana, West	+2·2	−0·5	−3·3	−2·3	+0·5	−0·9	+1·4	+1·4	+0·1	+0·8	?	+0·3	0*
19. Do. East	+5·3	−0·6	−1·6	−1·7	+1·3	−1·0	+2·9	+2·2	+0·6	+3·1	+0·4	+0·9	+1·0
20. Gujarat	+1·5	−1·3	−1·3	−2·0	−0·1	−0·4	+0·9	−0·3	+0·6	+1·5	+2·1	+3·2	+0·4
21. Central India, West	+4·5	−1·3	−2·1	−1·6	+1·9	−0·8	+0·8	+0·8	+0·1	+1·5	+3·6	+4·5	+1·0
22. Do. do. East	+7·7	−1·9	−1·9	−1·9	+1·2	−0·2	+3·1	+0·7	+0·3	+3·5	+4·9	+0·4	+1·3
23. Berar	+3·3	−5·2	−3·1	−2·1	+2·0	−0·3	+1·0	−0·3	+0·2	+1·2	+6·1	+3·3	+0·5
24. Central Provinces, West	+4·1	−2·8	−2·4	−1·6	+2·2	−1·9	+0·5	−0·4	−0·1	+1·7	+5·0	+2·0	+0·5
25. Do do. East	+2·7	−4·2	−2·5	−1·6	+3·6	−1·7	+0·7	−1·1	+0·5	+1·5	+5·2	+1·4	+0·4
26. Konkan	+1·0	−2·5	−2·2	−2·0	−0·3	+0·2	0	−0·3	+0·5	+0·5	+1·8	+3·1	0
27. Bombay, Deccan	+2·0	−3·1	−1·8	−0·9	+1·3	−0·3	−0·1	−0·6	−0·5	+1·5	+5·3	+4·4	+0·6
28. Hyderabad, North	+1·5	−2·9	−0·3	−0·7	+3·1	−0·8	+0·1	−0·9	−0·1	+0·3	+5·3	+2·8	+0·6
29. Do. South	+0·5	−3·2	+0·3	+1·4	+2·0	+0·5	+0·3	−0·6	+1·0	+0·8	+3·2	+2·0	+0·7
30. Mysore	+0·9	−2·8	−0·2	−0·7	−0·3	−0·1	−0·2	−1·0	−0·4	−0·8	+1·0	+2·7	−0·2
31. Malabar	+0·8	−2·5	−1·0	+0·1	−0·3	+0·1	+0·5	+0·5	+0·9	+0·5	+0·7	+2·5	+0·2
32. Madras, Southeast	+0·2	−1·8	+0·4	+0·1	+0·6	−0·3	−0·5	+0·4	+0·3	−0·1	+0·4	+1·2	+0·1
33. Do. Deccan	+0·5	−4·2	+0·3	+0·7	+0·4	−0·1	−1·1	−0·4	+0·5	+0·1	+1·8	+2·6	+0·1
34. Do. Coast, North	+0·7	−3·1	+0·6	+0·1	−0·4	−0·6	−0·1	−0·1	+0·6	−0·8	+1·1	+1·1	0

*Mean of 11 months.

TABLE 19.—*Departure of the mean monthly and annual mean temperature from the normal in 34 sub-divisions of India i 1911.*

Sub-division.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
	°	°	°	°	°	°	°	°	°	°	°	°	°
1. Bay Islands	−0·8	−1·1	−1·7	−2·8	−1·3	−0·8	−0·4	+0·1	−0·7	−1·9	+1·1	+0·5	−0·8
2. Lower Burma	−0·3	−1·6	−1·5	−1·5	−0·2	−0·1	−0·1	−0·4	+0·3	−0·9	+0·3	+1·9	−0·3
3. Upper Burma	+1·0	−2·7	−1·3	−2·7	+0·1	−0·7	−0·4	−0·7	−0·2	−1·7	−1·5	+0·8	−0·8
4. Assam	+1·8	−0·6	−1·9	−1·3	−1·7	−0·4	−1·2	−0·8	−0·5	−1·7	−1·7	−1·7	−0·9
5. Eastern Bengal	+2·2	+0·1	−1·2	−1·2	−1·3	0	−0·1	+0·5	+0·2	−0·2	−0·7	−1·3	−0·3
6. Bengal	+2·9	−0·8	−1·7	−0·7	+0·7	−1·3	+1·1	+0·4	+0·1	−0·1	+0·9	−2·0	0
7. Orissa	+2·9	−2·5	−1·5	−1·1	+0·4	−2·3	+2·1	−0·8	−0·5	0	+1·9	−0·9	−0·2
8. Chota Nagpur	+3·7	−0·9	−3·1	−1·1	+2·6	−2·9	+2·5	−0·1	−0·3	+0·6	+0·6	−1·7	0
9. Bihar	+2·5	−0·7	−3·4	−1·4	+0·5	−1·9	+1·5	−0·1	−0·7	+0·1	−1·1	−2·3	−0·6
10. United Provinces, East	+3·0	−0·8	−3·9	−1·8	+1·3	+0·3	+5·9	−0·1	−1·9	+0·3	−1·6	−2·1	−0·1
11. Do. do. West	+1·7	+0·1	−4·7	−1·9	+1·7	+0·5	+6·1	+3·5	−1·5	+0·6	−3·1	−2·1	+0·1
12. Punjab, East and North	+1·3	+1·6	−5·2	−2·2	+0·9	+0·3	+4·7	+5·5	+1·1	+1·2	−3·7	−1·1	+0·4
13. Punjab, Southwest	+0·3	+1·8	−4·5	−2·7	+0·7	+0·5	+1·3	+2·7	+1·5	+2·3	−3·9	−0·5	0
14. Kashmir	+1·1	−3·5	−4·1	−1·5	−0·5	+3·0	−1·5	+1·9	+1·9	+2·8	−3·7	−1·5	−0·5
15. North-West Frontier Province	−1·3	+0·5	−5·1	−2·9	+0·5	+0·9	+1·9	+3·7	+1·8	+1·1	−3·5	−0·8	−0·3
16. Baluchistan	−3·9	+3·7	−2·9	−3·1	−1·1	+1·2	−3·7	+1·3	+1·5	−1·2	−5·7	−2·2	−1·3
17. Sind	−1·5	+1·9	−3·9	−1·7	+0·7	−0·1	−0·5	+0·5	+1·3	+0·7	−1·3	−0·3	−0·3
18. Rajputana, West	+1·7	+2·5	−4·6	−2·1	+1·4	−0·6	+3·4	+3·1	−0·2	+0·7	?	+0·9	+0·6*
19. Do. East	+3·8	+1·9	−3·3	−0·9	+2·1	−0·9	+4·9	+3·5	−0·9	+2·3	−2·1	+0·4	+0·9
20. Gujarat	+1·0	+0·5	−3·1	−1·9	+0·3	−0·5	+2·3	+0·3	+0·9	+1·7	+1·3	+3·3	+0·5
21. Central India West	+3·5	+0·2	−3·6	−1·5	+1·5	−1·2	+2·5	+1·9	−0·8	+2·3	+1·1	+3·8	+0·8
22. Do. do. East	+5·2	−0·1	−3·9	−1·7	+2·4	−0·7	+5·4	+1·1	−1·9	+0·8	+0·4	−0·5	+0·5
23. Berar	+1·9	−3·0	−3·5	−0·9	+2·3	−0·7	+1·9	−0·8	−0·1	+2·7	+3·7	+2·2	+0·5
24. Central Provinces, West	+2·9	−1·5	−3·4	−1·1	+2·5	−2·2	+2·2	−0·5	−1·1	+1·5	+2·1	+1·1	+0·2
25. Do. do. East	+1·9	−3·1	−3·1	−0·5	+3·1	−2·6	+1·6	−2·2	+0·4	+0·6	+3·1	+0·5	0
26. Konkan	+0·1	−1·1	−1·9	−2·5	−0·6	+0·1	−0·1	−0·4	+0·3	+0·1	+1·1	+2·1	−0·2
27. Bombay, Deccan	+1·6	−2·1	−2·0	+0·1	+1·5	−0·3	+0·5	−1·3	+0·7	+3·0	+3·7	+2·7	+0·7
28. Hyderabad, North	+0·9	−1·9	−1·5	+0·5	+2·5	−1·7	+0·7	−1·5	+1·0	+1·9	+3·7	+1·5	+0·5
29. Do. South	+0·7	−2·5	−0·3	+1·7	+2·3	−0·1	+0·5	−1·3	+1·9	+2·1	+3·1	+1·2	+0·8
30. Mysore	+1·2	−2·3	−0·5	+0·2	−0·1	−0·2	−0·3	−1·1	+0·8	−0·1	+1·3	+1·7	+0·1
31. Malabar	+0·5	−1·6	−0·9	−0·5	0	−0·1	+0·1	+0·7	+1·0	+0·2	+0·5	+0·9	+0·1
32. Madras, Southeast	+0·8	−1·1	+0·4	+0·5	+0·7	−0·6	−0·7	+1·1	+0·6	+0·4	+0·3	+0·3	+0·2
33. Do. Deccan	+0·8	−3·1	−0·1	+1·0	+0·9	0	−0·3	−1·1	+1·5	+1·3	+2·1	+1·9	+0·5
34. Do. Coast, North	+1·4	−1·9	−0·1	−0·1	−0·7	−0·6	+0·5	+0·1	+1·1	+0·1	+0·8	−0·1	0

* Mean of 11 months.

In the following discussion the year is divided into four seasons according to the following arrangement :—

1st.—The cold weather period, including the months of January and February.

2nd.—The hot weather period, including the months of March, April and May.

3rd.—The period of the south-west monsoon rains proper, including the months of June, July, August and September.

4th.—The period of the retreating south-west monsoon, including the months of October, November and December.

I.—The cold weather period.—January was abnormally wet over practically the whole region stretching from Baluchistan across northern India to Upper Burma, and was drier even than usual in the Peninsula. February on the other hand was conspicuously dry throughout the whole country. The aggregate precipitation of the two months was in decided excess in Assam, the United Provinces, the Punjab, Kashmir, the North-West Frontier Province, Baluchistan, Rajputana East, Central India West and Berar, within 15 per cent of the normal in Central India East, and markedly deficient elsewhere. On the mean of the period temperature over the plains of India differed to no great extent from the normal.

TABLE 20.

Division.	Departure from normal of period, January and February.		
	Maximum temperature.	Minimum temperature.	Mean temperature.
	°	°	°
Bengal	—1·1	—0·7	—0·9
Eastern Bengal and Assam	+0·6	+1·3	+0·9
Bengal	+1·4	+0·3	+0·9
United Provinces	+0·5	+1·5	+1·0
Punjab	—0·1	+2·9	+1·4
North-West Frontier Province	—2·5	+1·7	—0·4
Sind	—0·9	+1·3	+0·2
Rajputana	+2·3	+2·1	+2·7
Bombay	+0·3	—0·4	—0·1
Central India	+2·1	+2·3	+2·2
Central Provinces	+0·3	+0·1	+0·2
Hyderabad	—0·5	—1·1	—0·8
Mysore	—0·1	—0·9	—0·5
Madras	+0·3	—1·1	—0·4

In Persia, where exceptionally heavy snowfall occurred in December and January, temperature was in decided defect both by day and night. The low temperature conditions did not, however, extend to Arabia.

TABLE 21.

Station.	Departure from normal of period, January and February.		
	Maximum temperature.	Minimum temperature.	Mean temperature.
	°	°	°
Perim	+ 0·1	+ 0·2	+ 0·1
Aden	— 0·5	+ 0·9	+ 0·2
Baghdad	— 8·7	— 4·9	— 6·8
Bushire	— 6·5	— 6·4	— 6·5
Tehran	— 6·7	— 9·1	— 7·9
Ispahan	— 8·4	— 6·6	— 7·5
Jask	— 3·3	— 2·1	— 2·7
Muscat	+ 2·3	— 2·0	+ 0·1
Meshed	...	— 6·6	...
Chaman	— 0·3	0	— 0·1
Quetta	— 1·2	+ 0·8	— 0·2
Cherat	— 1·8	+ 0·3	— 0·7
Murree	— 2·2	+ 0·2	— 1·0
Gilgit	— 0·5	+ 1·5	+ 0·5
Kashgar	— 2·5	— 0·1	— 1·3
Srinagar	— 2·3	+ 2·7	+ 0·2
Skardu	— 3·3	— 3·5	— 3·4
Dras	— 1·3	+ 0·4	— 0·5
Simla	+ 3·3	+ 2·5	+ 2·9
Leh	— 3·7	— 1·8	— 2·7
Chakrata	+ 3·0	+ 1·1	+ 2·1
Muktoswar	+ 2·6	+ 2·3	+ 2·5
Darjiling	+ 0·8	+ 2·1	+ 1·5

As the disturbances in January followed each other very closely the associated warm and cool waves were in general neither well defined nor severe.

The lowest temperatures of the period and the year were by no means remarkable and in northern and central India occurred chiefly between January 27th and February 11th during the passage of cool waves.

II. The hot weather period.—March was remarkably disturbed owing to the advance eastwards of a considerable number of disturbances of the cold weather type. The associated precipitation was unusually heavy over nearly the whole of northern India, in some places surpassing all previous records for March.

In the Peninsula and Lower Burma, which were almost entirely outside the influence of the disturbed conditions in

northern India, the weather was even more settled than usual.

Owing to the prolongation of the winter into March the development of the usual hot weather characteristics was hindered materially, and April and May were unusually dry over by far the greater part of the country.

During March temperature was low in all places with the exception of southeast Madras; and the lowness was maintained in northern India and central India throughout April and in northwest India up to about the middle of May.

As frequently occurs in years of prolonged winter conditions in northwest India temperature rose at a more rapid rate than usual in the second half of May.

The highest temperatures of the year were recorded generally between the 16th and 26th May in the United Provinces, Rajputana and Central India, between the 22nd and 31st May in the Punjab East and North and during the first week of June in the Punjab Southwest and the North-West Frontier Province, and were as a rule several degrees lower than the highest previously on record.

The absolute maximum (126°) was as usual registered at Jacobabad.

On the mean of the period temperature was below the normal over the whole of India excepting Hyderabad, Mysore and Madras. The defect was on the whole more marked in the day than in the night temperature.

TABLE 22

Division.	Departure from normal of period, March to May.		
	Maximum temperature.	Minimum temperature.	Mean temperature.
	°	°	°
Burma	— 1·6	— 0·7	— 1·1
Eastern Bengal and Assam	— 2·1	— 0·6	— 1·3
Bengal	— 1·1	— 0·6	— 0·9
United Provinces	— 1·7	— 1·5	— 1·6
Punjab	— 3·4	— 1·0	— 2·2
North-West Frontier Province	— 4·1	— 0·9	— 2·5
Sind	— 2·7	— 0·6	— 1·7
Rajputana	— 1·0	— 1·0	— 1·0
Bombay	— 1·2	— 1·1	— 1·1
Central India	— 1·5	— 0·8	— 1·1
Central Provinces	— 0·6	— 0·6	— 0·6
Hyderabad	+ 0·9	+ 1·2	+ 1·1
Mysore	+ 0·2	— 0·4	— 0·1
Madras	+ 0·2	+ 0·2	+ 0·2

Temperature was as low in the Himalayas, Baluchistan and Persia as in the plains of northern India.

TABLE 23.

Station.	Departure from normal of period, March to May.		
	Maximum temperature.	Minimum temperature.	Mean temperature.
	°	°	°
Perim	— 0·8	— 0·2	— 0·5
Aden	— 0·9	+ 0·8	— 0·1
Baghdad	— 2·1	+ 0·2	— 0·9
Bushire	— 3·8	— 2·3	— 3·1
Tehran	— 4·2	— 3·8	— 4·0
Ispahan	— 3·6	— 2·1	— 2·9
Jask	— 1·4	— 2·7	— 2·1
Muscat	+ 4·9	— 2·3	+ 1·3
Meshed	...	— 4·4	...
Chaman	— 3·6	— 3·8	— 3·7
Quetta	— 1·3	— 1·3	— 1·3
Cherat	— 4·5	— 2·4	— 3·5
Murree	— 3·7	— 0·7	— 2·2
Gilgit	— 0·3	— 1·5	— 0·9
Kashgar	+ 4·1	+ 1·5	+ 2·8
Srinagar	— 2·4	— 0·1	— 1·3
Skardu	+ 0·7	+ 0·1	+ 0·4
Dras	— 8·0	— 7·9	— 7·9
Simla	— 1·3	— 1·5	— 1·4
Leh	— 0·1	— 0·7	— 0·4
Chakrata	— 1·8	— 1·1	— 1·5
Mukteswar	— 2·0	— 0·5	— 1·3
Darjiling	— 1·1	— 0·4	— 0·7

III.—The southwest monsoon period.—The monsoon 1911 was on the whole exceedingly weak and unsteady, that the whole country with the exception of Lower urma, Assam, Eastern Bengal, Chota Nagpur, Bihar and e Central Provinces East had less than the usual amount rain. In Sind, Gujarat and parts of Rajputana the rains iled almost completely.

On the average of the whole season both day and night mperatures ruled slightly above the average in northwest dia, but over the rest of the country the temperature conitions were very nearly normal.

TABLE 24.

Division.	Departure from normal of period, June to September.		
	Maximum temperature.	Minimum temperature.	Mean temperature.
	°	°	°
rma	—0·5	—0·1	—0·3
stern Bengal and Assam	—0·3	+0·1	—0·1
ngal	—0·4	0	—0·2
ited Provinces	+2·1	+1·1	+1·6
njab	+2·6	+2·4	+2·5
rth-West Frontier Province	+2·6	+1·6	+2·1
d	+0·5	+0·2	+0·3
jputana	+2·3	+1·1	+1·7
mbay	+0·5	0	+0·3
ntral India	+0·9	+0·6	+0·7
ntral Provinces	—0·4	—0·3	—0·3
yderabad	+0·1	0	+0·1
ysore	+0·1	—0·4	—0·1
adras	+0·4	0	+0·2

In Baluchistan and Persia deviations from normal of mperature were irregular and feebly marked; in Kashmir d Kashgaria temperature however was somewhat above e normal.

TABLE 25.

Station.	Departure from normal of period, June to September.		
	Maximum temperature.	Minimum temperature.	Mean temperature.
	°	°	°
Perim	—0·5	+1·0	+0·3
Aden	+0·3	+1·1	+0·7
Baghdad	+0·3	—0·8	—0·3
Bushire	—2·5	—1·2	—1·9
Ispahan	—1·0	+1·6	+0·3
Jask	—0·8	—0·7	—0·7
Muscat	+6·7	+0·5	+3·6
Meshed	...	—4·4	...
Chaman	+0·2	—2·1	—0·9
Quetta	+3·0	—1·1	+0·9
Cherat	+2·8	+2·0	+2·4
Murree	+1·4	+0·9	+1·1
Gilgit	+3·5	—0·3	+1·6
Kashgar	+3·2	+0·3	+1·7
Srinagar	+2·7	+0·7	+1·7
Skardu	+3·9	+1·7	+2·8
Dras	+0·1	—0·1	0
Simla	+0·5	+0·7	+0·6
Leh	+0·1	—0·1	0
Chakrata	+1·0	+0·1	+0·5
Mukteswar	—1·2	—1·3	—1·3
Darjiling	+1·3	+0·9	+1·1

IV.—The retreating southwest monsoon period.—The retreating monsoon was on the whole less active than usual and the rainfall due to it was not only deficient but was also very irregularly distributed.

The most striking feature of the weather of the period, however, was the advance into northern India from the highlands to the west of the Indus of a series of disturbances of the cold weather type during the last ten days of October and the first three weeks of November. During their passage heavy rain occurred in the plains and much snowfall in the Himalayas and the Afghan mountains. In the hills north of Chakrata the snow line is said to have come down as low as 4,000 feet. Unusually low temperatures for the time of year were recorded over northwest India during the last thirteen days of November, and although a recovery of temperature occurred in northern India during December the weather remained somewhat colder than usual through the greater part of the month.

On the mean of the whole period temperature inclined to be low in northern India and high in the Peninsula and central India. In Burma the conditions were normal.

TABLE 26.

Division.	Departure from normal of period, October to December.		
	Maximum temperature.	Minimum temperature.	Mean temperature.
	°	°	°
Burma	+0·1	0	+0·1
Eastern Bengal and Assam	—1·3	—0·7	—1·0
Bengal	—0·9	+0·1	—0·4
United Provinces	—3·1	+0·5	—1·3
Punjab	—2·8	+0·6	—1·1
North-West Frontier Province	—3·0	+0·9	—1·1
Sind	—1·0	+0·4	—0·3
Rajputana	—1·0	+1·2	+0·1
Bombay	+1·6	+2·6	+2·1
Central India	—0·4	+3·0	+1·3
Central Provinces	+0·6	+3·0	+1·8
Hyderabad	+2·1	+2·3	+2·2
Mysore	+0·9	+1·0	+0·9
Madras	+0·3	+0·8	+0·5

The conditions in Baluchistan and Persia were similar to those of northern India. Kashgar and Baghdad were apparently beyond the region of low temperature.

TABLE 27.

Station.	Departure from normal of period, October to December.		
	Maximum temperature.	Minimum temperature.	Mean temperature.
	°	°	°
Perim	—0·3	+0·3	0
Aden	—1·3	+1·1	-0·1
Baghdad	—0·6	+1·8	+0·6
Bushire	—1·5	—0·3	—0·9
Tehran	—3·6	—1·6	—2·6

TABLE 27.

Station.	Departure from normal period, October to Decem		
	Maximum temperature.	Minimum temperature.	Me temp tur
	°	°	
Ispahan	—2·7	+0·1	–
Jask	+0·1	—1·0	–
Muscat	+6·3	—2·0	+
Meshed	...	—4·8	...
Chaman	—4·7	—4·1	–
Quetta	—2·9	—0·8	–
Cherat	—4·4	—1·1	–
Murree	—4·3	—1·4	–
Gilgit	—0·2	—1·5	–
Kashgar	—0·3	+0·6	+
Srinagar	—2·0	+1·2	–
Simla	—1·5	—1·2	–
Leh	—0·2	—1·4	–
Chakrata	+1·0	—2·2	–
Mukteswar	—2·9	—2·6	–
Darjiling	—1·1	—1·0	–

The year.—On the mean of all the plains stations t perature ranged above the average in January, May, J August, October and December, was almost equal to normal in September and November, and was in defect f February to April and again in June. The deficiency most marked in March, but was considerable also in April

The effects of the heavy snowfall were not apparen the temperatures of the plains after April, but in Kash and Baluchistan they did not pass away completely bef August.

The opposite monthly variations nearly neutrali each other, so that the mean temperature for the wh year differed from the normal by only **+0·1.**°

Atmospheric pressure.

Full information regarding the types of barometers in use at Indian observatories and of the methods of reducing the observations and obtaining the mean daily and monthly pressures will be found in pages 5 and 6 of the Monthly Review for January 1911.

In table A, called Table II prior to 1907, of each Monthly Review the monthly mean daily pressure (corrected for temperature) is given in the seventh column, and the departure from the normal in the eighth column. The normal monthly mean pressure values were recalculated in 1904 for all first and second class stations, and will be found in pages 66—69 of the "Indian Meteorological Memoirs," Vol. XVII. The departure data in the Monthly Reviews for the year 1911 were obtained by a comparison of the actual monthly means with these normals; the departures of the monthly pressure of all first and second class stations in 1911 are given in Table 28. The figures in the seventh and eighth columns of Table A. appended to the present Annual Summary, giving data of the mean pressure of the air and its departure from the normal for all first and second class stations, are comparable with the corresponding data of previous years published in the Annual Reports and Annual Summaries.

In the ninth column of Table A in each Monthly Review are given the mean pressures reduced to sea level and corrected to constant gravity (Lat. 45°). These are not directly comparable with the sea-level pressure values of the years 1875-90 as given in the Annual Reports for those years, for previous to 1891 no correction was made to reduce the monthly pressure means to standard gravity.

In Table B of each Monthly Review, and also in that appended to the Annual Summary, are given the pressure data for 8 hrs. local time. The fourth column in that table gives the mean 8 hrs. pressures for the month corrected for temperature. In the fifth column are given the departures of these mean 8 hrs. pressures from the normal pressures.

TABLE 28—*Departure from normal of mean monthly and annual pressure of first and second class stations in 1911.*

Division.	Station.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
		"	"	"	"	"	"	"	"	"	"	"	"	"
BURMA	Rangoon	—·038	+·024	—·006	+·002	+·005	+·018	—·018	0	—·019	+·041	+·019	P	P
BENGAL	Calcutta	—·071	+·026	+·009	—·005	—·020	—·021	—·005	—·044	—·016	+·019	+·018	+·005	—·009
UNITED PROVINCES	Allahabad	—·075	+·023	+·012	—·006	—·045	+·007	—·013	—·021	—·027	+·002	+·023	+·015	—·009
	Dehra Dun	—·050	+·023	—·001	—·016	—·052	—·006	—·049	—·042	—·021	—·006	+·004	P	P
PUNJAB	Lahore	—·069	+·029	+·016	+·015	—·017	—·008	—·028	—·048	—·021	—·011	+·023	0	—·010
RAJPUTANA	Jaipur	—·063	+·043	+·001	+·007	—·017	—·001	+·012	—·012	—·035	—·009	—·002	—·001	—·006
BOMBAY	Bombay	—·029	+·037	+·017	+·030	+·004	+·034	+·046	+·014	+·015	+·037	—·024	—·011	+·014
CENTRAL PROVINCES	Nagpur	—·026	+·065	+·019	—·002	—·023	+·016	+·037	+·013	—·009	+·025	+·003	P	P
HYDERABAD	Hyderabad	—·024	+·052	—·014	—·017	—·025	+·004	+·022	+·021	—·005	+·019	+·002	0	+·003
MYSORE	Bangalore	—·021	+·035	+·001	+·009	+·004	+·011	+·020	+·024	—·003	+·033	+·007	+·002	+·010
	Mysore	—·034	+·035	—·002	+·004	—·009	+·030	+·021	+·027	—·002	+·024	—·018	—·015	+·005
MADRAS	Madras	—·037	+·046	—·007	—·024	—·012	+·010	+·009	0	—·018	+·033	+·010	—·014	0
BAY ISLANDS	Port Blair	—·019	+·027	+·006	+·001	—·002	+·014	—·001	—·001	—·027	+·044	+·021	—·033	+·003
KASHMIR	Srinagar	—·079	+·116	—·018	—·019	+·001	—·024	+·007	—·032	—·022	—·015	—·024	—·002	—·009
	Leh	—·062	+·113	—·039	+·010	+·022	—·015	—·018	—·025	—·004	—·007	—·072	—·028	—·012
BALUCHISTAN	Quetta	—·072	+·037	—·047	+·008	+·016	+·002	+·039	—·014	—·006	+·012	—·009	P	P
HILL STATIONS, EXCLUDING KASHMIR AND BALUCHISTAN.	Simla	—·031	+·066	—·040	+·002	+·015	+·010	+·020	+·001	—·001	+·013	—·021	—·003	+·003
	Chakrata	—·039	+·030	—·049	—·024	—·016	+·006	—·001	—·014	—·001	+·003	—·008	P	P
	Katmundu	—·044	+·024	—·003	+·004	+·017	+·044	+·065	+·062	+·023	+·059	+·059	+·084	+·033
	Darjiling	—·069	—·009	—·058	—·048	—·051	—·037	—·060	—·061	—·036	—·038	—·063	P	P
	Pachmarhi	—·051	+·036	—·032	—·004	—·015	—·009	+·023	—·009	—·049	+·005	—·007	P	P
	Mount Abu	—·048	+·050	—·022	+·015	+·012	+·012	+·043	0	—·009	+·011	P	P	P
	Chikalda	—·068	+·018	—·016	—·002	—·002	+·021	+·041	+·002	—·017	+·009	0	P	P
EXTRA INDIA	Zanzibar	—·022	+·033	—·003	+·052	—·013	+·043	+·065	+·002	+·041	+·044	—·009	—·011	+·019
	Seychelles	—·013	+·026	+·014	+·036	—·021	+·042	+·020	+·007	+·012	+·044	—·014	—·013	+·012
	Mauritius	—·039	—·015	—·061	+·054	—·036	—·024	+·040	P	P	P	P	P	P

Table 29.—*Departure of the mean monthly pressure from the normal in the fourteen chief political divisions of India in 1911.*

Division.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
	"	"	"	"	"	"	"	"	"	"	"	"	"
Burma	—·039	+·042	—·002	—·001	0	+·006	—·029	—·019	—·013	+·035	+·017	—·017	—·002
Eastern Bengal and Assam	—·065	+·031	+·011	+·004	—·004	—·022	—·026	—·034	—·005	+·020	+·026	—·002	—·005
Bengal	—·063	+·034	+·009	—·006	—·025	—·022	—·009	—·041	—·017	+·016	+·024	+·012	—·007
United Provinces	—·065	+·039	+·017	—·002	—·035	—·002	—·026	—·028	—·016	+·005	+·023	+·007	—·007
Punjab	—·060	+·051	+·012	+·014	—·017	—·007	—·023	—·036	—·008	—·002	+·030	+·009	—·003
North-West Frontier Province	—·073	+·041	—·015	+·003	—·014	—·024	—·040	—·074	—·029	—·021	+·014	—·007	—·020
Sind	—·050	+·029	—·006	+·025	—·001	—·002	+·025	—·023	—·012	+·001	+·029	+·007	+·002
Rajputana	—·060	+·051	—·004	+·012	—·007	—·003	+·030	—·002	—·025	—·003	+·002	—·003	—·001
Bombay	—·038	+·046	+·005	+·020	—·002	+·026	+·043	+·008	+·004	+·025	—·014	—·013	+·009
Central India	—·059	+·046	—·002	+·007	—·019	+·006	+·028	—·004	—·020	+·003	+·001	+·003	—·001
Central Provinces	—·041	+·013	+·002	—·004	—·024	+·013	+·023	+·001	—·018	+·011	—·009	+·002	+·002
Hyderabad	—·029	+·062	+·001	—·012	—·019	+·021	+·021	+·008	—·007	+·023	—·012	—·003	+·005
Mysore	—·022	+·040	+·006	0	—·005	+·026	+·017	+·018	+·009	+·039	—·003	—·006	+·010
Madras	—·032	+·043	+·002	—·009	—·010	+·017	+·019	+·009	—·006	+·034	+·005	—·013	+·005
Mean of India	—·049	+·044	+·004	+·003	—·013	+·003	+·005	—·013	—·011	+·016	+·010	—·002	0

—**The cold weather period.**—Atmospheric pressure in the ins af India differed largely from the normal, being ·049″ defect in January and ·044″ in excess in February.

TABLE 30.

Month.	Departure from normal of mean 8 hrs. pressure.
nary	— ·049
ruary	+ ·044

Both the excess and the defect extended beyond the limits India and were therefore caused chiefly by general, and local, actions.

TABLE 31.

Station.	Departure of pressure from normal.		
	January.	February.	Period. January and February.
	″	″	″
ritius	— ·039	— ·015	— ·027
helles	— ·013	+ ·026	+ ·007
zibar	— ·023	+ ·028	+ ·003
a	— ·043	+ ·051	+ ·004
m	— ·022	+ ·068	+ ·023
bdad	— ·022	+ ·067	+ ·023
ire	— ·061	+ ·032	— ·015
... ...	— ·092	+ ·025	— ·033
cat	— ·073	+ ·051	— ·011

Notwithstanding that January was a conspicuously wet February a very dry month the local features of the ssure distribution were very similar in both months.

TABLE 32.

Division.	Excess of pressure departure over geographical mean for India.		
	January.	February.	Period, January and February.
	″	″	″
Burma	+ ·010	— ·002	+ ·004
Eastern Bengal and Assam ...	— ·016	— ·013	— ·015
Bengal	— ·014	— ·010	— ·012
United Provinces	— ·016	— ·005	— ·011
Punjab	— ·011	+ ·007	— ·002
North-West Frontier Province ...	— ·024	— ·003	— ·013
Sind	— ·001	— ·015	— ·008
Rajputana	— ·011	+ ·010	— ·001
Bombay	+ ·011	+ ·002	+ ·007
Central India	— ·010	+ ·002	— ·004
Central Provinces	+ ·008	+ ·009	+ ·009
Hyderabad	+ ·020	+ ·018	+ ·019
Mysore	+ ·027	— ·004	+ ·011
Madras	+ ·017	— ·001	+ ·008

The vertical gradient in northern and central India was as a rule weaker than usual throughout the period : it was on the other hand very steep in the south of the Peninsula.

TABLE 33.

Pair of stations.	Departure from normal of vertical pressure differences.		
	January.	February.	Period January and February.
	″	″	″
Jacobabad and Quetta. . . .	+ ·015	— ·036	— ·011
Lahore and Leh	+ ·007	— ·073	— ·033
Peshawar and Murree	— ·012	— ·018	— ·015
Ludhiana and Simla	— ·030	— ·015	— ·023
Roorkee and Chakrata . . .	— ·007	+ ·006	— ·001
Dhubri and Darjiling	— ·025	+ ·018	— ·003
Deesa and Mount Abu . . .	— ·008	— ·007	— ·007
Khandwa and Pachmarhi . . .	— ·025	— ·001	— ·013
Madura and Kodaikanal . . .	+ ·018	+ ·069	+ ·043

II.—The hot weather period.—Pressure in the plains was very nearly normal in March and April and in slight defect in May.

TABLE 34.

Month.	Departure from normal of mean 8 hrs. pressure.
	"
March	+ ·004
April	+ ·003
May	— ·013

The local modifications of the pressure distribution were very feebly marked.

TABLE 35.

Division.	Excess of pressure departure over geographical mean for India.			
	March.	April.	May.	Period, March to May.
	"	"	"	"
Burma	— ·006	— ·004	+ ·013	+ ·001
Eastern Bengal and Assam.	+ ·007	+ ·001	+ 009	+ ·006
Bengal	+ ·005	— ·009	— ·012	— ·005
United Provinces	+ ·013	— ·005	— ·022	— ·005
Punjab	+ ·008	+ ·011	— ·004	+ ·005
North-West Frontier Province	— ·019	0	— ·001	— ·007
Sind	— ·010	+ ·022	+ ·009	+ ·007
Rajputana	— ·008	+ ·009	+ ·006	+ ·002
Bombay	+ ·001	+ ·017	+ ·011	+ ·010
Central India	— ·006	+ ·004	— ·006	— ·003
Central Provinces	— ·002	— ·007	— ·011	— ·007
Hyderabad	— ·003	— ·015	— ·006	— ·008
Mysore	+ ·002	— ·003	+ 008	+ ·002
Madras	— ·002	— ·012	+ ·003	— ·004

In the Indian Ocean the pressure conditions were very unsteady during the period. During May pressure was in defect at all the three representative stations—a circumstance favourable to a good monsoon over India. In Persia despite the heavy snowfall and the consequent low temperatures pressure ruled below the normal.

TABLE 36.

Station.	Departure of pressure from normal.			
	March.	April.	May.	Period, March to May.
	"	"	"	"
Mauritius	— ·061	+ ·054	— ·036	— ·014
Seychelles	+ ·014	+ ·036	— ·021	+ ·010
Zanzibar	— ·005	+ ·041	— ·014	+ ·008
Aden	— ·026	+ ·041	— ·004	+ ·004
Perim	+ ·006	+ ·063	+ ·021	+ ·030
Baghdad	— ·093	— ·053	— ·002	— ·049
Bushire	— ·041	+ ·005	+ ·013	— ·008
Jask	— ·060	— ·017	— ·024	— ·034
Muscat	— ·022	+ ·019	+ ·012	+ ·003

The vertical gradient in northern and central India was very strong in March, a month of excessive precipitation, approximately normal in April in which month the weather was drier than usual over a large part of the country, and below the normal value during May which was characterised by a defect of rainfall.

TABLE 37.

Pair of stations.	Departure from normal of vertical pressure differences.			
	March.	April.	May.	Period, March to May.
	"	"	"	"
Jacobabad and Quetta	+ ·038	+ ·003	— ·029	+ ·004
Lahore and Leh	+ ·066	+ ·017	— ·056	+ ·009
Peshawar and Murree	+ ·036	+ ·008	— ·010	+ ·011
Ludhiana and Simla	+ ·058	+ ·015	— ·037	+ ·012
Roorkee and Chakrata	+ ·085	+ ·041	— ·009	+ ·039
Dhubri and Darjiling.	+ ·063	+ ·043	+ ·027	+ ·044
Deesa and Mount Abu	+ ·028	+ ·014	— ·018	+ ·008
Khandwa and Pachmarhi	+ ·013	+ ·012	— ·004	+ ·007
Madura and Kodaikanal	+ ·027	+ ·005	+ ·016	+ ·016

III.—The southwest monsoon period.—Pressure in the plains was very slightly above the normal in June and July, and ·012″ in defect during the second half of the monsoon period.

TABLE 38.

Month.	Departure from normal of mean 8 hrs. pressure.
	″
June	+ ·003
July	+ ·005
August	—·013
September	—·011

The coincident departures in the Indian Ocean and in the regions to the north and west of India are shown below :—

TABLE 39.

Station.	Departure of pressure from normal.				
	June.	July.	August.	September.	Period, June to September.
	″	″	″	″	″
Mauritius	—·024	+ ·040	—·013	+ ·015	+ ·005
Seychelles	+ ·042	+ ·020	+ ·007	+ ·012	+ ·020
Zanzibar	+ ·037	+ ·056	—·006	+ ·037	+ ·031
Aden	+ ·029	+ ·056	+ ·005	—·002	+ ·022
Perim	+ ·034	+ ·048	—·004	+ ·002	+ ·020
Baghdad	—·016	+ ·045	—·046	—·027	—·011
Bushire	+ ·012	+ ·057	—·025	—·019	+ ·006
Jask	— ·008	+ ·011	—·042	—·020	—·015
Muscat	+ ·012	+ ·026	—·030	—·023	— ·004

It will be seen from the preceding data that the pressure conditions in the Indian Ocean as represented by Zanzibar, Seychelles and Mauritius were on the whole distinctly unfavourable to a good monsoon in India.

During the whole of the period the vertical gradient was weak in northwest India and more than usually steep in northeast and central India and the south of the Peninsula.

TABLE 40.

Pair of stations.	Departure from normal of vertical pressure differences.				
	June.	July.	August.	September.	Period, June to September.
	″	″	″	″	″
Jacobabad and Quetta	—·027	—·039	—·024	—·011	—·025
Lahore and Leh	—·017	—·022	—·028	—·014	—·020
Peshawar and Murree	—·017	—·028	—·051	—·035	—·038
Ludhiana and Simla	—·009	—·046	—·036	—·006	—·024
Roorkee and Chakrata	+ ·002	—·029	—·015	+ ·007	—·009
Dhubri and Darjiling	+ ·022	+ ·022	+ ·018	+ ·034	+ ·024
Deesa and Mount Abu	—·003	+ ·016	+ ·011	—·006	+ ·005
Khandwa and Pachmarhi.	+ ·013	+ ·009	+ ·027	+ ·026	+ ·019
Madura and Kodaikanal.	+ ·032	+ ·015	+ ·019	+ ·020	+ ·021

Pressure was on the mean of the period locally in excess over the Peninsula and in defect over northern India.

TABLE 41.

Division.	Excess of pressure departure over geographical mean for India.				
	June.	July.	August.	September.	Period, June to September.
	″	″	″	″	″
Burma	+ ·003	—·034	—·006	—·002	—·010
Eastern Bengal and Assam.	—·025	—·031	—·021	+ ·006	—·018
Bengal	—·025	—·014	—·028	—·006	—·018
United Provinces	—·005	—·031	—·015	—·005	—·014
Punjab	—·010	—·028	—·023	+ ·003	—·015
North-West Frontier Province.	—·027	—·045	—·061	—·018	—·038
Sind	—·005	+ ·020	—·010	—·001	+ ·001
Rajputana	—·006	+ ·025	+ ·011	—·014	+ ·004
Bombay	+ ·023	+ ·038	+ ·021	+ ·015	+ ·024
Central India	+ ·003	+ ·023	+ ·009	—·009	+ ·007
Central Provinces	+ ·010	+ ·028	+ ·014	—·007	+ ·011
Hyderabad	+ ·018	+ ·019	+ ·021	+ ·004	+ ·015
Mysore	+ ·023	+ ·012	+ ·031	+ ·020	+ ·021
Madras	+ ·014	+ ·014	+ ·022	+ ·005	+ ·014

The monsoon trough of low pressure lay to the north of its normal position in July and August, a type of distribution usually associated with the prevalence of scanty precipitation during the rainy season.

IV.—The retreating southwest monsoon period.—Pressure was above normal in October and November, and inclined to be low in December.

TABLE 42.

Month.	Departure from normal of mean 8 hrs. pressure.
	"
October	+·016
November	+·010
December	—·002

The excess in October and November and the defect in December extended beyond the limits of India.

TABLE 43.

Station.	Departure of pressure from normal.			
	October.	November.	December.	Period, October to December.
	"	"	"	"
Mauritius	+·032	—·045	+·004	—·003
Seychelles	+·044	+·014	—·013	+·015
Zanzibar	+·044	—·003	—·002	+·013
Aden	+·018	+·004	—·009	+·004
Perim	+·014	+·001	—·003	+·004
Baghdad	+·034	+·012	—·020	+·009
Bushire	+·001	—·018	—·047	—·021
Jask	—·002	—·021	—·021	—·015
Muscat	0	—·010	—·008	—·006

The only important feature in the local distribution of pressure was a tendency in November for the barometer to be lower in respect to the normal in the Peninsula than in Burma and northeast India.

TABLE 44.

Division.	Excess of pressure departure over geographical mean for India.			
	October.	November.	December.	Period, October to December.
	"	"	"	"
Burma	+·019	+·007	—·015	+·004
Eastern Bengal and Assam	+·004	+·016	0	+·007
Bengal	0	+·014	+·014	+·009
United Provinces	—·011	+·013	+·009	+·004
Punjab	—·018	+·020	+·011	+·004
North-West Frontier Province	—·037	+·004	—·005	—·013
Sind	—·015	+·019	+·009	+·004
Rajputana	—·019	—·008	—·001	—·009
Bombay	+·009	—·024	—·011	—·009
Central India	—·013	—·009	+·005	—·006
Central Provinces	—·005	—·019	+·004	—·007
Hyderabad	+·007	—·022	—·001	—·005
Mysore	+·023	—·013	—·004	+·002
Madras	+·018	—·005	—·011	+·001

The vertical gradient in northwest India was much stronger than usual in November, and was very nearly normal in October and December. In northeast India pressure was in defect at the level of the hills, relatively to the plains, throughout the period and in southern India during the first two months.

TABLE 45.

Pair of stations.	Departure from normal of vertical pressure differences.			
	October.	November.	December.	Period, October to December.
	"	"	"	"
Jacobabad and Quetta	—·016	+·048	+·001	+·011
Lahore and Leh	—·008	+·096	+·038	+·042
Peshawar and Murree	—·019	+·043	+·002	+·009
Ludhiana and Simla	—·012	+·052	+·018	+·019
Roorkee and Chakrata	+·001	+·014	+·005	+·017
Dhubri and Darjiling	+·045	+·076	+·047	+·056
Deesa and Mount Abu	+·002	+·003	—·026	—·007
Khandwa and Pachmarhi	—·001	—·013	—·016	—·012
Madura and Kodaikanal	+·037	+·033	0	+·023

The year.—The mean monthly pressure was more or less below the average in January, May, August, September and December, and was higher than usual in all the other months of the year. The defect was greatest in January, while the largest excess occurred in February. The opposite variations counterbalanced each other, so that the pressure of the whole year was identical with the normal.

In ten of the twelve months the departures of pressure were determined, though only to a slight extent, by those of temperature.

TABLE 46.

Month.	Departure from normal of	
	Pressure.	Mean temperature.
	"	°
January	—·049	+1·7
February	+·044	—0·6
March	+·004	—2·6
April	+·003	—1·2
May	—·013	+0·9
June	+·003	—0·6
July	+·005	+1·8
August	—·013	+0·8
September	—·011	+0·1
October	+·016	+0·8
November	+·010	—0·1
December	—·002	+0·3
Year	0	+0·1

The vertical distribution also did not depart appreciably from the normal in most parts of the Indian region.

TABLE 47.

Pair of stations.	Departure from normal of vertical pressure differences.
	"
Jacobabad and Quetta	—·006
Lahore and Leh	+·001
Peshawar and Murree	—·008
Ludhiana and Simla	—·004
Roorkee and Chakrata	+·011
Dhubri and Darjiling	+·038
Deesa and Mount Abu	+·001
Khandwa and Pachmarhi	+·003
Madura and Kodaikanal	+·024

During a part of the year at least the variations of pressure in India were determined by actions operating over the whole of the monsoon region.

TABLE 48.

Station.	Departure from normal of pressure.												
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
	"	"	"	"	"	"	"	"	"	"	"	"	"
Mauritius	—·039	—·015	—·061	+·054	—·036	—·024	+·040	—·013	+·015	+·032	—·045	+·004	—·007
Seychelles	—·013	+·026	+·014	+·036	—·021	+·042	+·020	+·007	+·012	+·044	+·014	—·013	+·014
Zanzibar	—·023	+·028	—·005	+·044	—·014	+·037	+·056	—·006	+·037	+·044	—·003	—·002	+·016
Aden	—·043	+·051	—·026	+·041	—·004	+·029	+·056	+·005	—·002	+·018	+·004	—·009	+·010
Perim	—·022	+·068	+·00[illegible]	+·063	+·021	+·034	+·048	—·004	+·002	+·014	+·001	—·003	+·019
Baghdad	—·022	+·067	—·093	—·053	—·002	—·016	+·045	—·046	—·027	+·034	+·012	—·020	—·010
Bushire	—·061	+·032	—·041	+·005	+·013	+·012	+·057	—·025	—·019	+·001	—·018	—·047	—·008
Jask	—·092	+·025	—·060	—·017	—·024	—·008	+·011	—·042	—·020	—·002	—·021	—·021	—·023
Muscat	—·073	+·051	—·022	+·019	+·012	+·012	+·026	—·030	—·023	0	—·010	—·008	—·004
India	—·049	+·044	+·004	+·003	—·013	+·003	+·005	—·013	—·011	+·016	+·010	—·002	0

STORMS OF THE YEAR.

A large number of disturbances appeared over the Bay of Bengal but of these only four were of sufficient intensity to be classed as storms. In the Arabian Sea also weather was unsettled on several occasions, but according to the available marine information only once did the disturbed conditions concentrate into a definite storm.

The statement below gives a very brief account of the storms of the year. Plate VI at the end of the Summary shows their tracks.

BAY OF BENGAL.

No.	Month.	Date	Greatest observed barometric depression.	Character of storm.	Details of storm.
1	April	14th to 18th	At least ·6″	Severe	The storm was generated nearly midway between the Andamans and the Coromandel coast on the 14th and thence travelled towards the coast between Akyab and Chittagong which it crossed near Cox's Bazar on the evening of the 17th. It began to fill up rapidly after crossing the coast, and by 8 hrs. of the 18th had become a diffuse low pressure area. Although the winds actually experienced by vessels involved in the storm area did not exceed 9 in force, there are grounds for believing that the disturbance was one of great severity.
2	June	9th to 15th	·28″	Cyclonic storm of great intensity	This storm was generated over the north of the Bay on the 8th in front of the advancing monsoon current. It crossed the Orissa coast on the night of the 10th and passing through Chota Nagpur and the adjacent districts of the Central Provinces had reached the neighbourhood of Daltonganj by 8 hrs. of the 12th. The direction of movement changed materially during the next 24 hours and thereafter was almost due east. The disturbance disappeared over Faridpur on the 15th. Although barometrically feeble it gave winds ranging upto force 11 over the Bay.
3	September	19th to 28th	At least ·7″	Severe	This storm originated to the north of the Andamans on the 19th. It advanced along a northwesterly track across the Bay to the Circars coast which it crossed near Calingapatam on the evening of the 23rd causing considerable damage along the north Madras coast. Its subsequent path lay through the Central Provinces, the east of Central India and the west of the United Provinces. It disappeared in the Kumaon hills between the 28th and the 29th after giving a heavy downpour of rain in the neighbourhood of Delhi and Meerut. Although the strongest winds actually recorded on board vessels in the Bay were of force 9, it is almost certain that the disturbance was one of great severity.
4	October	19th to 24th	Nearly half an inch	Probably a true cyclone	This storm crossed from the Gulf of Siam into the Andaman Sea on the 19th and travelling by a curved path struck the Arakan coast near Kyaukpyu on the night of the 23rd. It was speedily broken up by the Arakan Yoma, so that on the morning of the 24th only a slight low pressure in Upper Burma marked its continued existence. Winds of hurricane violence were recorded on board *the* S. S. *Ellora* on the afternoon of the 22nd.

ARABIAN SEA.

No.	Month.	Date.	Greatest observed barometric depression.	Character of storm.	Details of storm.
	May	22nd to 27th	Nearly one inch	Probably a cyclone with a calm centre.	This storm apparently formed near the Laccadives on the 22nd. It developed during the next three days while travelling northwestwards and by the noon of the 26th pressure at the centre had become about an inch below the normal. It disappeared before the morning of the 27th, probably having passed into Arabia. The S. S. *Kansas* which was involved in the inner storm area experienced a perfect hurricane with a dangerous confused sea.

Winds.

The mean direction of the wind and the mean diurnal vement of the air, as measured by Robinson anemometers, given for all second class stations in Table A in each nthly Weather Review The normal values are also stated the sake of ready comparison. The normal data of these nents, utilized in Table A of the Monthly Reviews of the r 1911 will be found in a collected form in Tables XXII, VI and XXVII of Vol. XVII of Indian Meteorological moirs. The mean 8 hrs. wind directions for each month laid down in the first chart in each Monthly Review. ey are calculated in the usual manner by finding the ultant of equal winds in the directions actually observed at rs. and given in Table B in each Monthly Review. As a eral rule, the mean 8 hrs. wind directions vary little from mean wind directions (calculated from the 10 and 16 hrs. d data) in Table A of the Monthly Reviews, but in some es and at certain seasons of the year they differ very siderably. The normal values used in Table B have been blished in Vol. XVII of the departmental Memoirs.

The following is a summary of the more important features of the air movement over India for each period of the year 1911 :—

I.—The cold weather period.

The air movement during this period was on the whole of about the normal character.

II.—The hot weather period.

(*a*) Owing to the prolongation of the winter conditions and the consequent weakness of hot weather actions the velocity of the wind on the Sind, Kathiawar and Konkan coasts was appreciably below the average, particularly in May.

(*b*) The steadiness was high everywhere except in Burma.

(*c*) The unusually large accumulations of snowfall exercised a marked influence on the direction of the wind in north-west and central India and the west of the Peninsula during April, and in the former region this effect persisted through May.

TABLE 49.

APRIL.			MAY.		
Station.	Wind direction.		Station.	Wind direction.	
	Actual.	Normal.		Actual.	Normal.
	°	°		°	°
etta	N 17 W	S 45 W	Agra	N 69 W	S 49 W
rree	N 2 E	N 68 E	Meerut	N 1 W	S 54 W
ontgomery	N 51 E	S 83 E	Sirsa	N 77 W	S 39 W
ultan	N 22 E	N 51 E	Lahore	N 25 W	N 72 E
sobabad	N 32 E	N 88 E	Montgomery	N 18 W	S 48 E
avnagar Para	N 59 W	S 66 W	Multan	N 29 W	S 12 E
rat	N 16 W	S 61 W	Jaipur	N 44 W	S 88 W
mbay	N 23 W	N 33 E	Ajmer	N 44 W	S 79 W
tnagiri	N 14 W	N 81 W	Neemuch	N 60 W	S 84 W
lgaum	N 74 E	S 83 W	Amraoti	N 57 W	N 77 W
nraoti	N 62 W	S 69 W	Pachmarhi	N 58 W	N 81 W
handwa	N 29 W	N 68 W			
oni	N 1 W	S 86 W			
gpur	N 3 W	N 83 W			

(*d*) In the west equatorial belt, as represented by eychelles and Zanzibar, the air movement was abnormal throughout the period both as regards direction and strength.

TABLE 50.

Station.	Wind direction.					
	March.		April.		May.	
	Actual.	Normal.	Actual.	Normal.	Actual.	Normal.
	°	°	°	°	°	°
eychelles	N 1 E	N 17 W	N 89 E	N 8 E	S 23 E	S 43 E
anzibar	S 9 E	S 44 E	S 10 W	S 5 E	S 3 W	S 5 E

TABLE 51.

Station.	WIND VELOCITY (IN MILES PER DIEM.)								
	MARCH.			APRIL.			MAY.		
	Actual.	Normal.	Departure from normal.	Actual.	Normal.	Departure from normal.	Actual.	Normal.	Departure from normal.
Seychelles	132	118	+ 14	97	112	— 15	137	165	— 28
Zanzibar	92	130	— 38	161	170	— 9	175	194	— 19

(*e*) The information contained in the logs of the vessels traversing the equatorial belt during May shows that the northern limit of the southeast trades was considerably south of the normal position.

TABLE 52.

Date.	Hour.	Name of vessel.	POSITION.		WIND.	
			Lat.	Long.	Direction.	Force.
13th May	Midnight.	*S. S. President*	...	Mahi	Calm.	0
14th „	8 A. M.	*Ditto*	...	...	S.	1
Ditto	Noon.	*Ditto*	1·45 S.	57·59	S.	1
Ditto	4 P. M.	*Ditto*	...	...	N. W.	3
Ditto	Midnight.	*Ditto*	...	...	N. W.	3
15th May	4 A. M.	*Ditto*	...	...	W.	3
Ditto	Noon.	*Ditto*	1·16 N.	61·16	N.	3
Ditto	4 P. M.	*Ditto*	...	...	N. N. W.	4
Ditto	Midnight.	*Ditto*	...	...	N . N. W.	3
13th May	4 A. M.	*S. S. York Castle*	...	...	N. E.	2
Ditto	8 A. M.	*Ditto*	5·30 S.	60·17	S. S. W.	1
Ditto	4 P. M.	*Ditto*	...	...	W. S. W.	2
Ditto	Midnight.	*Ditto*	...	...	W.	1
14th May	8 A. M.	*Ditto*	1·58 S.	62·36	N. N. E.	2
Ditto	4 P. M.	*Ditto*	...	...	W. N. W.	3
Ditto	Midnight.	*Ditto*	...	...	W. N. W.	3
22nd May	4 A. M.	*S. S. Clan Sinclair*	...	...	S. E.	4
Ditto	8 A. M.	*Ditto*	15·43S.	62·31	S. E.	4
Ditto	4 P. M.	*Ditto*	...	...	Var.	2
Ditto	Midnight.	*Ditto*	...	...	Var.	1
23rd May	4 A. M.	*Ditto*	...	...	N. E.	4
Ditto	8 A. M.	*Ditto*	11·36 S.	64·12	E.	4
Ditto	4 P. M.	*Ditto*	...	...	E. N. E.	2
Ditto	Midnight.	*Ditto*	...	...	N. N. W.	2

Date.	Hour.	Name of vessel.	Position.		Wind.	
			Lat.	Long.	Direction.	Force.
24th May	4 A. M.	*S. S. Clan Sinclair*	...	...	Var.	2
Ditto	8 A. M.	*Ditto*	7·14 S.	65·12	S	2
Ditto	Noon	*Ditto*	6·31 S.	65·19	W.	2
Ditto	Midnight.	*Ditto*	...	...	W. S. W.	4
27th May.	4 A. M.	*S. S. Duneric*	...	...	E. S. E.	2
Ditto	8 A. M.	*Ditto*	3·24 S.	56·41	Calm.	0
Ditto	4 P. M.	*Ditto*	...	...	E. N. E.	1
28th May	4 A. M.	*Ditto*	...	...	E.	1
Ditto	8 A. M.	*Ditto*	1·44 S.	60·24	Calm.	0
Ditto	Midnight.	*Ditto*	...	...	Calm.	0
29th May	4 A. M.	*Ditto*	...	...	Calm.	0
Ditto	8 A. M.	*Ditto*	0·11 S.	64·28	Calm.	0
Ditto	4 P. M.	*Ditto*	...	...	S.E.	1
Ditto	Midnight.	*Ditto*	...	...	S.E.	1

III.—The south-west monsoon period.

(*a*) On the mean of the whole period the air movement was in defect of the normal in Eastern Bengal and Assam, the North-West Frontier Province, Sind and Hyderabad, and stronger than usual in Rajputana, Central India, the Central Provinces, Mysore and Madras; over the rest of the country the rate of movement differed but little from the average.

TABLE 53.

Division.	Departure from normal of hourly wind velocity in				
	June.	July.	August.	September.	Period, June to September.
Burma	−0·5	+0·1	+0·4	−0·2	−0·1
Eastern Bengal and Assam.	−0·4	−1·5	−1·0	−0·7	−0·9
Bengal	+0·5	−0·4	+0·1	+0·4	+0·1
United Provinces	0	+0·8	+0·3	−0·1	+0·3
Punjab	−0·1	+0·1	+1·1	+0·3	+0·3
North-West Frontier Province.	−0·9	−1·1	−0·5	−0·6	−0·8
Sind	−1·5	−0·8	−1·0	−0·6	−1·0
Rajputana	+1·6	+3·2	+2·9	+0·5	+2·1
Bombay	−1·0	−1·5	0	+0·6	−0·5
Central India	+0·2	+1·5	+2·2	+1·0	+1·2
Central Provinces	+1·1	+0·5	+1·2	+1·6	+1·1
Hyderabad	−0·9	−2·5	−1·1	−0·5	−1·3
Mysore	+1·3	+1·3	+1·5	+1·4	+1·4
Madras	+1·2	+0·8	+0·5	+0·6	+0·8

(*b*) During June and July the influence of the excessive snow accumulations on the wind direction, although less extensive than in April and May, was still traceable in the extreme north.

TABLE 54.

Station.	Wind Direction.			
	June.		July.	
	Actual.	Normal.	Actual.	Normal.
	°	°	°	°
Cherat . . .	N 7 E	S 79 E	N 33 W	S 18 E
Murree	ø	ø	N 11 E	S 86 E
Rawalpindi . . .	N 41 E	N 89 E	N 21 E	S 82 E

(*c*) Throughout the period the direction of air movement was somewhat abnormal in the Central Provinces and the northeast of Rajputana.

TABLE 55.

Station.	Wind Direction.							
	June.		July.		August.		September.	
	Actual.	Normal.	Actual.	Normal.	Actual.	Normal.	Actual.	Normal.
	°	°	°	°	°	°	°	°
Jaipur	N 86 W	S 88 W	N 76 W	S 73 W	N 82 W	N 88 W	N 46 W	N 68 W
Ajmer	N 66 W	S 84 W	N 53 W	S 87 W	N 64 W	S 85 W	S 87 W	S 89 W
Saugor	N 85 W	S 80 W	S 89 W	S 80 W	N 85 W	S 87 W	N 85 W	S 80 W
Amraoti	N 73 W	S 87 W	N 67 W	S 88 W	N 68 W	N 89 W	N 71 W	S 88 W

(*d*) The weakness of the monsoon from the fourth week of June to August was associated with the prevalence of light unsteady and irregular, winds in the western half of the equatorial belt. In September, according to the available information, the air movement was fairly normal up to about the middle of the third week when light unsteady winds reappeared.

TABLE 56.

Date.	Hour.	Name of vessel.	Position.		Wind.	
			Lat.	Long.	Direction.	Force.
27th June	4 A.M. .	*S. S. Aparima*	...	...	N. E.	2
Ditto	8 A.M. .	*Ditto*	3·43 S.	71·42	N. E.	2
Ditto	4 P.M. .	*Ditto*	...	...	W.	2

Date.	Hour.	Name of vessel.	Position.		Wind.	
			Lat.	Long.	Direction.	Force.
28th June	8 A.M.	*S. S. Aparima*	0·01 N.	74·49	N. W.	2
Ditto	4 P.M.	*Ditto*	...	...	W.N.W.	4
Ditto	Midnight.	*Ditto*	...	...	W.N.W.	4
27th June	4 A.M.	*S. S. Islami*	...	...	S.E.	4
Ditto	8 A.M.	*Ditto*	6·44 S.	60·05	S.E.	4
Ditto	4 P.M.	*Ditto*	...	...	S.E.	2
28th June	4 A.M.	*Ditto*	...	...	S.E.	2
Ditto	8 A.M.	*Ditto*	4·11 S.	60·36	S.E.	2
Ditto	8 P.M.	*Ditto*	...	...	S.	2
Ditto	Midnight.	*Ditto*	...	...	Var.	2
29th June	4 A.M.	*Ditto*	...	...	N.W.	1
Ditto	8 A.M.	*Ditto*	1·46 S.	61·29	Var.	1
Ditto	4 P.M.	*Ditto*	...	...	W.N.W.	2
30th June	8 A.M.	*Ditto*	0·39 N.	62·03	W.N.W.	3
Ditto	Midnight.	*Ditto*	...	...	W.N.W.	4
4th July	4 A.M.	*S. S. Elleric*	...	...	S.	2
Ditto	8 A.M.	*Ditto*	2·44 S.	53·43	S.	2
Ditto	8 P.M.	*Ditto*	...	...	E.	2
5th July	4 A.M.	*Ditto*	...	...	Var.	2
Ditto	8 A.M.	*Ditto*	0·04 S.	56·23	W.	2
Ditto	Midnight.	*Ditto*	...	...	W.	2
9th July	4 A.M.	*S. S. Shah Ameer.*	...	...	S.E.	2
Ditto	8 A.M.	*Ditto*	2·53 S.	71·41	Var.	1
Ditto	4 P.M.	*Ditto*	...	...	S.E.	2
Ditto	Midnight.	*Ditto*	...	...	Var.	1
10th July	4 A.M.	*Ditto*	...	...	S.E.	2
Ditto	Noon	*Ditto*	0·48 S.	73·50	S.E.	2
Ditto	4 P.M.	*Ditto*	...	...	Var.	1
Ditto	Midnight.	*Ditto*	...	...	Var.	1
11st July	8 A.M.	*Ditto*	0·18 N.	74·46	Var.	1
Ditto	4 P.M.	*Ditto*	...	...	S.W.	2
Ditto	8 P.M.	*Ditto*	...	...	S.W.	1
14th July	4 A.M.	*S. S. Umsinto*	...	...	Var.	1
Ditto	8 A.M.	*Ditto*	0·41 N.	70·35	Var.	2
Ditto	4 P.M.	*Ditto*	...	...	N.E.	2
Ditto	8 P.M.	*Ditto*	...	...	E.S.E.	3
Ditto	Midnight.	*Ditto*	...	...	Var.	1
15th July	8 A.M.	*Ditto*	2·09 N.	74·09	W.N.W.	3

Date.	Hour.	Name of vessel.	Position.		Wind.	
			Lat.	Long.	Direction.	Force.
25th July	Midnight.	*S. S. Umzinto*	...	...	W.N.W.	4
11th August	4 A.M.	*S. S. City of Bombay*	...	...	S.	2
Ditto	8 A.M.	*Ditto*	0·38 N.	69·47	S.	1
Ditto	4 P.M.	*Ditto*	...	...	Var.	1
12th August	4 A.M.	*Ditto*	...	...	Var.	2
Ditto	8 A.M.	*Ditto*	1·57 N.	74·21	N.	2
Ditto	Midnight.	*Ditto*	...	...	N.N.W.	4
17th August	4 A.M.	*S. S. Umlasi*	...	...	S.W.	2
Ditto	8 A.M.	*Ditto*	0·20 N.	70·44	Var.	2
Ditto	8 P.M.	*Ditto*	...	...	Var.	3
Ditto	Midnight	*Ditto*	...	...	W.	3
18th August	8 A.M.	*Ditto*	2·03 N.	73·52	N.W.	4
Ditto	Midnight.	*Ditto*	...	...	N.W.	4
19th September	4 A.M	*S. S. Umhloti*	...	...	E.S.E.	3 to 2
Ditto	8 A.M.	*Ditto*	2·34 S.	65·27	E.	2
Ditto	Midnight.	*Ditto*	...	...	E.	1
20th September	4 A.M.	*Ditto*	...	...	Var.	1
Ditto	8 A.M.	*Ditto*	0·28 S.	68·52	Calm.	0
Ditto	4 P.M.	*Ditto*	...	...	Var.	1
Ditto	Midnight.	*Ditto*	...	...	N.E.	1

V.—The retreating south-west monsoon period—

(*a*) The velocity of air motion was greater than usual in Madras and Mysore, and below the average in Hyderabad and also in Eastern Bengal and Assam. The degree of steadiness was distinctly high in Hyderabad and Sind, and low in Eastern Bengal and Assam.

(*b*) On the north Madras coast the usual easterly element in the mean wind direction was either very weak or altogether wanting during November and December, but elsewhere the deflections were neither persistent nor of any great significance.

(*c*) It is noteworthy that in November when abnormally wet weather prevailed in northern India the mean wind direction at Seychelles was almost due west instead of southeast which is normally the case.

HUMIDITY.

The departures from normal of the mean monthly and annual aqueous vapour pressure and relative humidity for first and second class stations for the year 1911 are given in Tables 57 and 58. The normal values employed in the determination of the departures are given in Tables XXX and XXXIII of the Indian Meteorological Memoirs, Volume XVII. The two tables (Tables 59 and 60) give departure data of 8 hrs. aqueous vapour pressure and relative humidity for each month of the year and for the year for the fourteen chief political divisions.

TABLE 57.—*Departure of the monthly and annual mean vapour pressure data of 1911 from average of past years.*

Division.	Station.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
		"	"	"	"	"	"	"	"	"	"	"	"	"
UBMA	Rangoon	+·002	—·101	—·047	—·043	—·014	—·016	—·022	—·029	—·013	—·037	—·014	?	?
ENGAL	Calcutta	+·044	—·067	—·030	+·011	+·020	—·024	—·018	—·011	+·003	+·014	+·036	—·055	—·006
NITED PROVINCES	Allahabad	+·087	—·048	+·030	0	—·022	+·007	—·148	—·069	+·037	+·095	+·052	—·011	+·001
	Dehra Dun	+·037	+·012	+·052	+·045	—·010	+·091	—·051	+·010	+·030	+·095	+·007	?	?
UNJAB	Lahore	+·084	+·007	+·059	+·020	+·004	+·013	—·132	—·088	+·064	+·011	+·003	—·031	+·001
AJPUTANA	Jaipur	+·078	—·057	+·020	—·047	—·069	+·047	—·146	—·048	+·080	+·014	+·028	—·036	—·011
OMBAY	Bombay	+·023	—·045	—·074	—·066	+·008	—·007	—·017	—·017	—·018	+·010	+·058	+·029	—·010
ENTRAL PROVINCES	Nagpur	+·048	—·096	—·043	—·121	—·116	—·028	—·102	—·056	—·033	+·019	+·087	?	?
YDERABAD	Hyderabad	—·052	—·139	—·068	—·193	—·085	—·051	—·049	—·044	—·074	—·072	+·032	—·020	—·068
YSORE	Bangalore	+·009	—·085	—·010	—·030	+·017	—·010	+·008	—·028	—·042	—·028	+·006	+·054	—·012
	Mysore	+·028	—·101	+·118	+·084	+·076	+·075	+·048	+·007	—·005	—·022	—·006	+·126	+·036
ADRAS	Madras	+·032	—·037	+·043	+·035	—·008	+·004	+·004	—·015	+·067	+·024	+·049	+·052	+·021
AY ISLANDS	Port Blair	—·068	—·080	—·088	—·108	—·067	—·044	—·037	—·050	—·039	—·074	—·055	+·002	—·059
ASHMIR	Srinagar	—·012	—·029	—·053	+·008	+·033	+·068	—·035	+·043	+·032	+·043	—·025	—·008	+·005
	Leh	+·012	+·006	—·003	+·023	+·010	+·014	—·019	—·014	+·022	+·009	—·021	—·009	+·003
ALUCHISTAN	Quetta	+·014	—·017	—·008	—·051	—·040	—·078	—·163	—·059	+·001	—·026	+·018	?	?
ILL STATIONS, EXCLUDING KASHMIR AND BALUCHISTAN.	Simla	+·005	—·036	—·004	—·026	—·055	+·035	—·100	—·030	+·002	—·003	—·002	—·035	—·021
	Chakrata	+·015	+·002	+·014	+·027	0	+·084	—·019	+·006	+·025	+·065	+·008	?	?
	Katmandu	+·023	+·013	+·001	+·034	+·025	+·014	—·003	+·004	—·006	+·024	—·026	—·019	+·007
	Darjiling	+·030	+·005	—·007	+·031	+·025	+·009	+·012	+·012	—·001	+·011	—·008	?	?
	Pachmarhi	+·039	—·047	0	—·067	—·046	+·039	—·033	—·019	+·026	+·068	+·127	?	?
	Mount Abu	+·020	—·038	+·006	—·040	—·038	+·015	—·083	—·037	—·002	—·040	?	?	?
	Chikalda	+·061	—·050	—·025	—·020	—·006	+·041	—·005	—·009	—·067	+·052	+·060	?	?
XTRA INDIA	Zanzibar	—·051	—·071	—·053	—·059	—·034	—·078	—·065	—·037	—·053	—·046	—·024	—·016	—·049
	Seychelles	—·015	—·011	—·034	—·030	—·047	—·031	—·040	—·041	—·031	—·042	—·034	—·008	—·030
	Mauritius	+·031	—·002	—·020	—·060	—·034	—·011	—·037	?	?	?	?	?	?

TABLE 58.—*Departure of the monthly and annual mean relative humidity data of 1911 from the average of past years.*

Division.	Station.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
BURMA	Rangoon	+ 1	— 8	— 2	— 2	— 5	— 4	— 3	— 2	— 5	— 3	— 7	?	?
BENGAL	Calcutta	— 4	— 9	— 3	+ 1	— 2	+ 1	— 5	— 2	— 1	— 3	0	— 7	—
UNITED PROVINCES	Allahabad	+ 5	— 8	+11	+ 1	— 5	+ 1	—23	— 6	+ 6	+ 9	+ 7	0	
	Dehra Dun	+ 6	— 1	+18	+ 7	— 5	+11	—14	— 2	+ 5	+ 7	+10	?	?
PUNJAB	Lahore	+10	— 3	+15	+ 4	— 1	+ 6	—17	—17	+ 2	— 1	+ 7	— 4	
RAJPUTANA	Jaipur	+ 6	—12	+ 9	— 4	— 9	0	—24	—15	+ 7	0	+ 7	— 8	—
BOMBAY	Bombay	+ 2	— 3	— 4	— 2	+ 1	0	— 3	— 1	— 4	— 2	+ 5	— 4	—
CENTRAL PROVINCES	Nagpur	+ 3	— 9	— 2	— 9	—10	— 1	—13	— 3	— 4	+ 1	+ 7	?	?
HYDERABAD	Hyderabad	— 5	—11	— 7	—15	— 8	— 3	— 5	— 1	—12	— 9	0	— 3	—
MYSORE	Bangalore	0	— 6	0	— 1	+ 3	0	+ 3	— 4	— 9	— 4	— 1	+ 5	—
	Mysore	+ 3	— 7	+13	+ 8	+ 8	+10	+ 7	+ 4	— 2	— 1	— 1	+19	+
MADRAS	Madras	0	— 2	+ 3	+ 1	— 1	— 4	— 4	— 5	+ 2	— 1	+ 2	+ 4	
BAY ISLANDS	Port Blair	— 4	— 4	— 3	— 2	— 3	— 3	—	— 6	— 2	— 4	— 4	— 1	—
KASHMIR	Srinagar	— 5	— 8	— 4	— 1	— 2	— 3	— 6	— 4	— 2	— 3	0	— 1	—
	Leh	+11	+12	+ 5	+ 6	— 1	0	+ 1	— 1	+ 4	— 2	— 5	— 1	+
BALUCHISTAN	Quetta	+15	—14	+ 7	— 4	— 3	— 7	—12	— 4	+ 1	+ 3	+15	?	?
HILL STATIONS, EXCLUDING KASHMIR AND BALUCHISTAN.	Simla	+ 6	—19	+15	— 2	—13	+ 6	—21	— 5	+ 5	+ 1	+11	—10	—
	Chakrata	+ 6	—10	+18	+ 6	—10	+15	—10	+ 1	+ 5	+12	+14	?	?
	Katmandu	+ 2	+ 1	+ 3	+ 3	— 1	— 1	— 1	— 1	— 2	0	+ 2	— 2	
	Darjiling	+ 5	+ 1	+ 5	+ 9	+ 5	0	0	+ 1	— 3	+ 5	+ 6	?	?
	Pachmarhi	+ 6	— 4	+ 6	— 7	— 6	+12	— 6	+ 1	+ 8	+ 9	+21	?	?
	Mount Abu	+ 2	— 5	+ 8	— 3	— 5	+ 5	—15	— 6	0	— 7	?	?	?
	Chikalda	+11	— 5	+ 1	— 2	— 2	+ 6	— 4	0	— 9	+ 7	+ 8	?	?
EXTRA INDIA	Zanzibar	— 5	— 5	— 5	— 4	— 4	— 5	— 4	— 2	— 3	— 2	— 2	— 2	—
	Seychelles	— 2	— 5	— 3	— 3	— 4	— 4	— 4	— 4	— 4	— 6	— 5	— 5	—
	Mauritius	+ 4	+ 2	0	— 2	0	— 2	— 4	?	?	?	?	?	?

TABLE 59.—*Departure of the mean monthly aqueous vapour pressure from the normal in the fourteen chief political divisions of India in 1911.*

Division.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
	"	"	"	"	"	"	"	"	"	"	"	"	"
Burma	+·020	—·056	—·013	—·031	—·015	—·006	—·006	—·008	—·003	—·035	—·005	+·036	—·010
Eastern Bengal and Assam	+·036	—·007	—·030	—·020	—·030	—·006	—·009	+·001	—·013	—·013	—·033	—·037	—·013
Bengal	+·040	—·067	—·004	—·009	—·011	—·021	—·021	—·012	—·001	+·026	+·033	—·022	—·006
United Provinces	+·075	—·032	+·033	—·031	—·043	+·016	—·088	—·039	+·033	+·104	+·025	—·015	+·008
Punjab	+·075	—·007	+·039	—·006	—·041	+·038	—·134	—·106	+·033	+·042	+·029	—·017	—·005
North-West Frontier Province	+·065	—·029	+·029	—·013	+·035	—·029	—·130	—·059	+·087	+·037	+·027	0	+·002
Sind	+·035	+·032	+·056	+·014	+·029	+·050	—·066	—·061	+·016	+·095	+·004	—·036	+·014
Rajputana	+·061	—·057	+·022	—·055	—·060	+·020	—·141	—·084	+·001	—·001	+·025	—·051	—·027
Bombay	+·032	—·059	—·017	—·033	+·016	—·009	—·029	—·017	—·011	+·006	+·020	+·002	—·008
Central India	+·085	—·055	+·029	—·021	—·049	—·012	—·068	—·029	+·023	+·074	+·067	+·020	+·005
Central Provinces	+·067	—·094	—·038	—·155	—·084	—·010	—·056	—·044	—·025	+·028	+·087	+·013	—·026
Hyderabad	—·022	—·108	—·070	—·117	+·007	—·037	—·023	—·042	—·055	—·025	+·037	+·009	—·037
Mysore	+·013	—·101	—·007	—·007	+·012	+·009	+·009	—·012	—·013	—·038	+·014	+·061	—·005
Madras	+·001	—·091	—·010	—·042	—·012	—·010	+·001	—·035	—·014	—·012	+·025	+·037	—·013
Mean of India	+·042	—·055	—·002	—·042	—·025	0	—·051	—·038	—·001	+·017	+·026	—·001	—·011

TABLE 60.—*Departure of the mean monthly and annual relative humidity from the normal in the fourteen chief political divisio of India in 1911.*

Division.	January.	February.	March.	April	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Burma	+ 3	— 1	+ 2	+ 3	— 1	0	0	0	— 1	0	+ 1	+ 1	+
Eastern Bengal and Assam	— 1	— 3	— 2	0	0	— 1	— 1	— 1	— 2	0	— 1	— 1	—
Bengal	0	— 6	+ 3	+ 1	0	+ 1	— 5	— 1	+ 1	+ 3	+ 3	+ 2	
United Provinces	+ 5	— 5	+ 11	— 1	— 3	— 3	—18	— 7	+ 6	+ 8	+ 7	+ 1	
Punjab	+10	— 5	+16	+ 3	— 5	+ 2	—16	—15	0	+ 2	+11	0	
North-West Frontier Province	+13	— 7	+15	+ 3	+ 1	— 2	—13	— 7	+ 5	+ 4	+12	+ 4	+
Sind	+ 4	0	+12	+ 4	0	+ 5	— 2	— 4	— 1	+ 9	+ 1	— 8	+
Rajputana	+ 8	— 9	+12	— 1	— 4	+ 2	—15	—11	+ 1	— 3	+ 7	— 9	— 2
Bombay	+ 4	— 8	+ 2	— 1	0	+ 1	— 4	— 1	— 2	0	— 1	— 5	— 1
Central India	+ 7	— 7	+ 9	0	— 5	0	—11	— 7	+ 7	+ 7	+11	+ 3	+ 1
Central Provinces	+ 6	—12	— 1	—11	— 8	+ 2	— 8	— 3	— 1	+ 1	+ 7	+ 3	— 2
Hyderabad	— 1	—10	— 6	—12	— 5	— 1	— 2	0	— 7	— 6	+ 2	— 2	— 4
Mysore	+ 3	—10	0	+ 3	+ 3	+ 1	+ 2	+ 1	— 3	— 3	+ 2	+ 8	+ 1
Madras	— 1	— 5	— 1	— 3	— 1	0	0	— 3	— 2	— 2	+ 2	+ 4	— 1
Mean of India	+ 4	— 6	+ 4	— 1	— 2	+ 1	— 7	— 4	0	+ 1	+ 4	0	— 1

I.—The cold weather period.

(*a*) Throughout the greater part of the plains of India he humidity, both absolute and relative, was above the ormal in January and in defect in February. The abnormalities were thus related directly to those of rainfall. The ygrometric conditions, for the season as a whole, differed to o great extent from the normal except in Hyderabad, Mysore nd Madras where the vapour pressure was appreciably lower han usual. It is noteworthy that in Madras the dryness as as marked at the level of Kodaikanal (over 7,500 feet) s in the plains.

TABLE 61.

Division.	Departure of mean 8 hrs. vapour pressure from normal.			Departure of mean 8 hrs. relative humidity from normal.		
	January.	February.	Period, January and February.	January.	February.	Period, January and February.
	"	"	"			
urma	+·020	—·056	—·018	+ 3	— 1	+ 1
astern Bengal and Assam.	+·036	—·007	+·015	— 1	— 3	— 2
engal	+·040	—·067	—·013	0	— 6	— 3
nited Provinces	+·075	—·032	+·021	+ 5	— 5	0
unjab	+·075	—·007	+·034	+10	— 5	+ 3
orth-West Frontier Province.	+·065	—·029	+·018	+13	— 7	+ 3
nd	+·035	+·032	+·033	+ 4	0	+ 2
ajputana	+·061	— 057	+·002	+ 8	— 9	— 1
ombay	+·032	—·059	—·013	+ 4	— 8	— 2
entral India	+·035	—·055	+·015	+ 7	— 7	0
entral Provinces	+·067	—·094	—·013	+ 6	-12	— 3
yderabad	—·022	—·108	—·065	— 1	—10	— 5
ysore	+·013	—·101	—·044	+ 3	—10	— 3
adras	+·001	—·091	—·045	— 1	— 5	— 3

(*b*) In Persia the amount of vapour in the air was in decided defect throughout the season, while the relative humidity was either normal or in excess. In Baluchistan and the hill districts of northern India the departures from the normal were of the same general character as in the adjacent plains.

TABLE 62.

Station.	Departure of mean 8 hrs vapour pressure from normal.			Departure of mean 8 hrs. relative humidity from normal.		
	January.	February.	Period, January and February.	January.	February.	Period, January and February.
	"	"	"			
Perim	+·046	—·020	+·013	+ 3	— 2	+ 1
Aden	+·047	—·025	+·011	+ 4	— 3	+ 1
Baghdad	—·092	—·081	—·087	—12	— 4	— 8
Bushire	—·080	—·067	—·073	+ 5	+ 1	+ 3
Tehran	—·030	—·028	—·029	+16	+14	+15
Jask	—·066	—·063	—·065	+ 3	— 2	+ 1
Muscat	—·026	—·027	—·027	+ 3	0	+ 1
Chaman	+·030	+·001	+·015	+14	— 9	+ 3
Quetta	+·021	—·009	+·006	+10	— 8	+ 1
Cherat	+ 029	—·032	—·001	+17	—12	+ 3
Murree	+·028	—·016	+·006	+17	—14	+ 1
Gilgit	+·034	+·001	+·017	+13	0	+ 7
Srinagar.	—·004	—·014	—·009	— 8	— 8	— 8
Skardu	...	...	...	— 5	— 4	— 5
Dras	...	...	...	+ 2	+ 4	+ 3
Simla	+·026	—·013	+·007	+ 8	—10	— 1
Leh	+·022	+·012	+·017	+13	+14	+13
Chakrata	+·015	—·015	0	+ 4	—16	— 6
Mukteswar	...	...	...	+ 1	—18	— 9
Darjiling.	+·042	+·008	+·025	+ 5	— 4	+ 1
Maymyo	...	...	...	+ 6	+ 1	+ 3
Pachmarhi	+·043	—·093	—·025	+ 4	—15	— 5
Mount Abu	+·034	—·028	+·003	+ 5	—11	— 3
Kodaikanal	...	...	...	—14	—12	—13

II.—The hot weather period.

(*a*) Both vapour tension and relative humidity were appreciably in defect in Hyderabad and the Central Provinces, and about the average in almost all other provinces.

TABLE 63.

Division.	Departure of mean 8 hrs. vapour pressure from normal.				Departure of mean 8 hrs. relative humidity from normal.			
	March.	April.	May.	Period, March to May.	March.	April.	May.	Period, March to May.
	"	"	"	"				
Burma	—·013	—·031	—·015	—·020	+ 2	+ 3	— 1	+ 1
Eastern Bengal and Assam	—·030	—·020	—·030	—·027	— 2	0	0	— 1
Bengal	— 004	—·009	—·011	—·008	+ 3	+ 1	0	+ 1
United Provinces	+·033	—·031	—·043	—·014	+11	— 1	— 3	+ 2
Punjab	+·039	—·006	—·041	—·003	+16	+ 3	— 5	+ 5
North-West Frontier Province	+·029	— 013	+·035	+·017	+15	+ 3	+ 1	+ 6
Sind	+·056	+·014	+·029	+·033	+12	+ 4	0	+ 5
Rajputana	+·022	—·055	—·060	—·031	+12	— 1	— 4	+ 2
Bombay	—·017	—·033	+·016	—·011	+ 2	— 1	0	0
Central India	+·029	—·021	—·049	—·014	+ 9	0	— 5	+ 1
Central Provinces	—·038	—·155	—·084	—·092	— 1	—11	— 8	— 7
Hyderabad	—·070	—·117	+·007	—·060	— 6	—12	— 5	— 8
Mysore	—·007	—·007	+·012	—·001	0	+ 3	+ 3	+ 2
Madras	—·010	—·042	—·012	—·021	— 1	— 3	— 1	— 2

These abnormalities agreed in the main with those of rainfall.

(*b*) In the Himalayan region as well as in the highlands to the west of the Indus the conditions were variable—an indication that they were determined by local rather than general actions.

TABLE 64.

Station.	Departure of mean 8 hrs. vapour pressure from normal.				Departure of mean 8 hrs. relative humidity from normal.			
	March.	April.	May.	Period, March to May.	March.	April.	May.	Period March to May.
	"	"	"	"				
Perim	+·023	+·003	—·004	+·007	+ 2	+ 2	+ 1	+ 2
Aden	+·053	+·035	+·012	+·033	+ 4	+ 5	+ 3	+ 4
Baghdad	—·073	—·004	—·018	—·032	— 6	+ 2	— 2	— 2
Bushire	—·049	—·019	+·017	—·017	+ 9	+10	+ 7	+ 9

TABLE 64.

Division.	Departure of mean 8 hrs. vapour pressure from normal.				Departure of mean 8 hrs. relative humidity from normal.			
	March.	April.	May.	Period, March to May.	March.	April.	May.	Period, March to May.
	"	"	"	"				
Tehran	—·016	—·001	+·056	+·013	+13	+17	+23	+18
Ispahan	...	—·087	—·076	...	...	— 5	— 4	...
Jask	—·075	—·114	—·104	—·098	+ 3	+ 4	+ 5	+ 4
Muscat	—·051	—·081	—·113	—·082	— 4	— 6	—12	— 7
Chaman	—·009	—·017	+·035	+·003	+ 6	—12	+ 3	— 1
Quetta	—·011	—·070	—·057	—·046	+ 3	—11	— 7	— 5
Cherat	+·009	—·044	—·047	—·027	+15	— 3	— 1	+ 4
Murree	+·012	—·052	—·044	—·028	+10	— 6	— 6	— 1
Gilgit	—·012	—·007	+·041	+·007	— 1	— 3	+ 5	0
Kashgar	...	+·061	+·019	...	...	+ 9	+ 2	...
Srinagar	—·043	—·029	—·015	—·029	— 8	— 5	0	— 4
Skardu	...	...	...	...	— 7	—19	—14	—13
Dras	...	...	...	...	— 3	— 6	— 2	— 4
Simla	+·003	—·020	—·047	—·021	+11	— 1	—11	0
Leh	+·010	+·016	—·016	+·003	+14	+ 6	—10	+ 3
Chakrata	+·019	+·030	+·002	+·017	+19	+ 8	— 4	+ 8
Mukteswar	...	...	...	...	+13	+ 7	— 5	+ 5
Darjiling	—·003	+·010	+·004	+·004	+ 4	+ 3	+ 4	+ 4
Maymyo	...	...	...	...	+ 9	+10	+ 6	+ 8
Pachmarhi	—·004	—·080	—·063	—·049	+ 7	— 7	— 8	— 3
Mount Abu	+·025	—·051	—·036	—·021	+13	— 4	— 6	+ 1
Kodaikanal	...	...	...	...	+ 3	— 8	— 1	— 2

III.—The south-west monsoon period.

In the Indian plains humidity, like rainfall, agreed closely with the normal in the terminal months of the period, but was in decided defect in July and August both of which were characterized by a marked weakness of the monsoon.

TABLE 65.

Division.	Departure of mean 8 hrs. vapour pressure from normal.					Departure of mean 8 hrs. relativ humidity from normal.				
	June.	July.	August.	September.	Period, June to September.	June.	July.	August.	September.	Period, June to Sep-
	"	"	"	"	"					
Burma	—·006	—·006	—·008	—·003	—·006	0	0	0	—1	
Eastern Bengal and Assam	—·006	—·009	+·001	—·018	—·007	—1	—1	—1	—2	-
Bengal	—·021	—·021	—·012	—·001	—·014	+1	—5	—1	+1	-
United Provinces	+·016	—·088	—·039	+·033	—·019	—3	—18	—7	+6	-
Punjab	+·038	—·134	—·106	+·033	—·042	+2	—16	—15	0	-
North-West Frontier Province	—·029	—·130	—·059	+·087	—·033	—2	—13	—7	+5	-
Sind	+·050	—·066	—·061	+·016	—·015	+5	—2	—4	—1	-
Rajputana	+·020	—·141	—·084	+·001	—·051	+2	—15	—11	+1	-
Bombay	—·009	—·029	—·017	—·011	—·017	+1	—4	—1	—2	-
Central India	—·012	—·068	—·029	+·023	—·021	0	—11	—7	+7	-
Central Provinces	—·010	—·056	—·044	—·025	—·034	+2	—8	—3	—1	-
Hyderabad	—·037	—·023	—·042	—·055	—·039	—1	—2	0	—7	-
Mysore	+·009	+·009	—·012	—·013	—·002	+1	+2	+1	—3	
Madras	—·010	+·001	—·035	—·014	—·015	0	0	—3	—2	-

TABLE 66.

Station.	Departure of mean 8 hrs. vapour pressure from normal.					Departure of mean 8 hrs. relativ humidity from normal.				
	June.	July.	August.	September	Period, June to September.	June.	July.	August.	September.	Period, June to Sep- tember.
	"	"	"	"	"					
Perim	—·088	+·046	+·040	—·034	—·009	—4	+6	+3	—5	(
Aden	+·036	+·038	+·070	—·004	+·035	+4	+2	+1	+3	+
Baghdad	—·052	—·065	—·138	—·156	—·103	—1	—5	—6	—11	—
Bushire	—·001	+·148	+·054	+·034	+·059	+11	+14	+11	+13	+1
Tehran	...	—	+·023	+·101	...	...	...	+11	+20	...

TABLE 66—*concld.*

Station.	Departure of mean 8 hrs. vapour pressure from normal.					Departure of mean 8 hrs. relative humidity from normal.				
	June.	July.	August	September.	Period June to September.	June.	July.	August.	September.	Period, June to September.
	"	"	"	"	"					
Ispahan	+·031	—·082	—·037	—·038	—·031	+ 5	— 1	— 8	— 4	— 2
Jask	—·007	—·177	—·112	—·035	—·083	+11	— 5	+ 5	+10	+ 5
Muscat	—·045	—·077	—·046	—·038	—·051	— 7	—13	— 6	— 3	— 7
Chaman	—·004	—·131	—·054	—·042	—·058	+ 1	— 8	— 4	+ 1	— 3
Quetta	—·117	—·206	— 061	+·021	—·091	—14	—20	—12	— 2	—12
Cherat	— 068	—·143	+·027	+·073	—·028	— 7	—26	— 9	+ 9	— 8
Murree	—·045	—·092	—·001	+·058	—·020	— 2	—17	— 3	+13	— 2
Gilgit	+·061	—·053	—·027	—·011	—·007	+ 3	— 6	— 9	— 6	— 5
Kashgar	+·031	+·088	—·025	+·020	+·029	+ 4	+11	— 9	— 8	— 1
Srinagar	—·011	—·068	—·023	—·018	— 030	— 1	— 4	— 5	— 5	— 4
Skardu	...	...	...	...	...	—17	—12	—15	—11	—14
Dras	...	...	...	...	...	— 8	— 1	— 1	0	— 3
Simla	+·035	—·089	—·019	+·025	—·012	+ 4	—18	— 4	+ 7	— 3
Leh	—·006	—·010	—·023	+·034	—·001	— 4	+ 3	— 7	+ 4	— 1
Chakrata	+·065	—·023	+·011	+·019	+·018	+11	—11	— 1	+ 3	+ 1
Mukteswar	...	...	...	...	...	+17	— 8	+ 1	+ 9	+ 5
Darjiling	—·013	+ 002	+·015	—·003	0	— 2	0	0	— 2	— 1
Maymyo	...	...	...	...	...	+ 5	+ 5	+ 3	+ 2	+ 4
Pachmarhi	+·039	—·021	— 030	+·026	+·003	+10	— 4	— 1	+10	+ 4
Mount Abu	+·018	—·077	—·016	0	—·019	+ 5	—12	— 1	+ 3	— 1
Kodaikanal	...	...	...	...	...	+ 7	+ 6	—17	— 5	— 3

IV.—The retreating south-west monsoon period.

All over the plains with the exception of Eastern Bengal and Assam the vapour tension was on the mean of the period either about the average or somewhat above it. The excess was appreciable only in Central India, the Central Provinces and the United Provinces.

The relative humidity of the air also varied in a similar manner.

TABLE 67.

Division.	Departure of mean 8 hrs. vapour pressure from normal.				Departure of mean 8 hrs. relative humidity from normal.			
	October.	November.	December.	Period, October to December.	October.	November.	December.	Period, October to December.
	"	"	"	"				
Burma	—·035	—·005	+·036	—·001	0	+ 1	+ 1	+ 1
Eastern Bengal and Assam	—·013	—·033	—·037	—·028	0	— 1	— 1	— 1
Bengal	+·026	+·033	—·022	+·012	+3	+ 3	+ 2	+ 3
United Provinces	+·104	+·025	—·015	+·038	+8	+ 7	+ 1	+ 5
Punjab	+·042	+·029	—·017	+·018	+2	+11	0	+ 4
North-West Frontier Province	+·037	+·027	0	+·021	+4	+12	+ 4	+ 7
Sind	+·095	+·004	—·036	+·021	+9	+ 1	— 8	+ 1
Rajputana	—·001	+·025	—·051	—·009	—3	+ 7	— 9	— 2
Bombay	+·006	+·020	+·002	+·009	0	— 1	— 5	— 2
Central India	+·074	+·067	+·020	+·054	+7	+11	+ 3	+ 7
Central Provinces	+·028	+·087	+·013	+·043	+1	+ 7	+ 3	+ 4
Hyderabad	—·025	+·037	+·009	+·007	—6	+ 2	— 2	— 2
Mysore	—·038	+·014	+·061	+·012	—3	+ 2	+ 8	+ 2
Madras	—·012	+·025	+·037	+·017	—2	+ 2	+ 4	+ 1

Over the greater part of the highlands of Persia and Baluchistan the absolute humidity of the air was in defect, but in virtue of the prevailing low temperature the percentage of saturation was in general higher than usual. In Kashmir the vapour tension was about the average and the relative humidity in defect. In the Himalayas humidity differed but little from the normal according to either estimation.

TABLE 68.

Station.	Departure of mean 8 hrs. vapour pressure from normal.				Departure of mean 8 hrs. relative humidity from normal.			
	October.	November.	December.	Period, October to December.	October.	November.	December.	Period, October to December.
	"	"	"	"				
Perim	—·001	—·026	—·011	—·013	— 2	— 3	+ 3	— 1
Aden	+·072	+·034	+·025	+·044	+ 6	+ 1	+ 3	+ 3
Baghdad	—·065	+·054	+·008	—·001	— 6	+15	+ 3	+ 4
Bushire	+·033	+·032	+·045	+·037	+ 9	+14	+10	+11

TABLE 68—*concld.*

Station.	Departure of mean 8 hrs. vapour pressure from normal.				Departure of mean 8 hrs. relative humidity from normal.			
	October.	November.	December.	Period October to December.	October.	November.	December.	Period October to December.
	"	"	"	"				
Tehran	+·007	—·010	—·009	—·004	+ 5	+ 6	+12	+ 8
Ispahan	—·059	—·047	—·019	—·042	—11	— 4	+ 1	— 5
Jask	—·101	—·080	—·016	—·066	+ 4	— 1	+ 6	+ 3
Muscat	—·093	—·026	—·025	—·048	—10	+ 1	+ 4	— 2
Chaman	+·022	—·006	—·002	+·005	+13	+22	+ 7	+14
Quetta	—·031	+·025	—·018	—·008	— 4	+17	— 5	+ 3
Cherat	+·008	—·025	—·025	—·014	+ 4	+ 4	— 6	+ 1
Murree	+·019	+·009	—·016	+·004	+ 8	+16	— 4	+ 7
Gilgit	+·014	—·007	—·007	0	+ 1	+ 5	— 2	+ 1
Srinagar	—·001	—·015	—·003	—·006	— 7	— 4	— 3	— 5
Skardu					—18	— 6	—16	—13
Dras					— 2	+ 2	+ 2	+ 1
Simla	+·010	+·004	—·022	—·003	+ 1	+ 9	— 9	0
Leh	—·013	—·031	—·004	—·016	—10	—18	— 6	—11
Chakrata	+·044	+·004	—·026	+·007	+12	+10	— 9	+ 4
Mukteswar					+15	+13	— 8	+ 7
Darjiling	—·001	—·005	+·008	+·001	— 3	+ 5	+ 4	+ 2
Maymyo					+ 5	+ 8	+ 8	+ 7
Pachmarhi	+·095	+·099	+·052	+·082	+12	+19	+15	+15
Mount Abu	—·036	—·008	—·001	—·015	— 7	0	— 4	— 4
Kodaikanal					— 2	— 5	+16	+ 3

The year.—On the whole 1911 was a dry year both as regards the proportion of vapour in the air and the relative humidity. The only months in which the quantity of vapour in the air was above the normal were January, October and November, and only in January was the excess large in amount. On the other hand February, April, May, July and August were all characterized by a decided defect, but more especially February and July.

The statement below shows that in most months the departures from normal of humidity were directly related to the character of the precipitation.

TABLE 69.

—	Departure from normal of the Indian area.												
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Vapour pressure at 8 hrs.	+·042	—·055	—·002	—·042	—·025	0	—·051	—·038	—·001	+·017	+·026	—·001	—·011
Relative humidity at 8 hrs.	+4	—6	+4	—1	—2	+1	—7	—4	0	+1	+4	0	—1
Rainfall (percentage)	+100	—81	+93	+8	—5	+8	—35	—11	+6	+5	+35	—24	—7

Cloud.

Normal values of the mean monthly and annual amount of cloud at second class stations have been obtained from the whole of the available data up to the end of the year 1899 given in Tables XXXV and XXXVI of the Indian Meteorological Memoirs, Volume XVII. These means are the arithmetical averages of the cloud amounts as registered at 10 and 16 hrs., and hence represent the mean amount during the day period rather than of the whole 24 hours.

Departure data of this element of meteorological observation for first and second class stations for the year 1911 are given in Table 70. Table 71 gives the departures of the 8 hrs. cloud for the fourteen chief political provinces of India.

TABLE 70.—*Departure of the monthly and annual mean cloud proportion of 1911 from the average of past years.*

Division.	Station.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
BURMA	Rangoon	−0·6	+0·3	+0·1	+1·3	+1·1	−0·3	+0·4	+0·5	+0·5	+2·0	+0·2	?	?
BENGAL	Calcutta	+0·2	−1·2	0	+0·1	−0·5	−0·1	−0·5	−0·2	+0·2	−0·7	+1·2	+0·6	−0·1
UNITED PROVINCES	Allahabad	+0·9	−0·9	+0·9	−0·4	−0·9	+1·4	−0·8	+1·0	+2·4	+1·7	+2·2	0	+0·6
	Dehra Dun	+1·8	−0·7	+1·5	−0·6	−1·6	+1·2	−2·5	+0·3	+2·1	+0·8	+2·8	?	?
PUNJAB	Lahore	+2·2	−0·6	+1·4	−0·6	−0·7	−1·6	−3·2	−2·2	−0·6	+0·1	+0·6	−0·5	−0·5
RAJPUTANA	Jaipur	+1·2	−0·6	+1·8	−0·8	−0·4	−0·1	−4·0	−2·1	+1·2	0	+2·2	−0·6	−0·2
BOMBAY	Bombay	+1·0	−0·3	−0·1	−0·8	+0·9	+0·3	−0·9	+0·2	−0·2	+0·1	+3·1	+1·2	+0·4
CENTRAL PROVINCES	Nagpur	−0·3	−1·5	−1·1	−1·8	−0·3	−0·7	−2·1	−0·3	−0·9	−0·2	+2·4	?	?
HYDERABAD	Hyderabad	+0·3	−1·5	−0·5	−0·3	+1·1	+0·8	−0·8	+0·7	−0·1	−0·4	+1·5	+2·1	+0·2
MYSORE	Mysore	−0·3	−1·0	−1·1	−0·6	0	0	+0·1	+0·2	−0·7	−1·1	−0·4	+2·1	−0·2
MADRAS	Madras	−1·2	−1·5	−1·1	−1·1	−1·7	−1·0	−1·8	−0·8	−1·2	−1·7	−0·2	+0·8	−1·0
BAY ISLANDS	Port Blair	−0·3	+0·1	−0·8	+0·9	−0·3	+0·4	+0·8	+0·4	+0·1	−0·3	−0·1	+0·7	+0·1
KASHMIR	Srinagar	+2·1	+2·4	+2·2	−0·3	−0·7	−1·1	−1·4	−1·4	−0·6	−0·4	+1·0	+1·6	+0·3
	Leh	+1·4	−0·5	+0·8	−1·0	−2·2	−2·4	−0·7	−1·8	−0·9	−1·1	+0·5	+0·8	−0·6
BALUCHISTAN	Quetta	+1·6	−0·5	+1·0	−0·6	−0·3	−0·8	+0·1	−0·8	0	+0·4	+0·6	?	?
HILL STATIONS EXCLUDING KASHMIR AND BALUCHISTAN.	Simla	+1·9	−1·0	+1·9	−0·3	−1·9	0	−2·5	−0·4	+1·9	+0·9	+2·5	−1·3	+0·1
	Chakrata	+1·7	−1·3	+2·1	−0·7	−0·9	+2·0	−1·5	+0·3	+1·9	+2·2	+2·1	?	?
	Katmandu	+0·5	−1·2	+0·4	−0·7	−0·3	+0·4	+1·2	+0·6	+1·1	+1·3	+1·0	+1·2	+0·5
	Darjiling	+2·8	+1·6	+1·8	+1·4	+1·8	+0·3	+0·6	+0·8	+0·4	+1·5	+2·5	?	?
	Pachmarhi	−2·0	−2·3	−1·9	−2·5	−3·0	−2·0	−3·2	−1·0	−2·0	−2·9	+0·1	?	?
	Mount Abu	+2·5	−0·9	+1·6	−0·4	+0·1	+0·5	−2·1	0	+1·5	0	?	?	?
	Chikalda	+0·2	−1·3	−0·8	−2·0	−1·3	−0·3	−0·8	+0·4	+0·5	+0·1	+2·1	?	?
EXTRA INDIA	Zanzibar	+0·7	+0·3	+1·0	+0·7	−0·8	−0·1	+0·5	+0·8	+0·1	+0·4	+0·3	−0·5	+0·3
	Seychelles	−0·3	+0·6	−1·2	0	+1·2	−1·2	−0·2	−1·3	+1·1	−0·2	−0·5	−1·8	−0·3
	Mauritius	+0·5	+1·0	+0·7	0	−0·5	+0·3	+0·7	?	?	?	?	?	?

TABLE 71.—*Departure of the mean monthly and annual cloud amount from normal in the fourteen chief political divisions of India in 1911.*

Division.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Burma	+ 0·5	— 0·2	— 0·3	+ 0·3	— 0·3	+ 0·5	+ 0·4	+ 0·4	+ 0·2	+ 0·9	— 1·2	— 0·1	+ 0·1
Eastern Bengal and Assam	+ 1·1	0	0	— 0·1	+ 0·3	— 0·1	— 0·4	— 0·8	— 0·7	+ 0·5	+ 0·5	+ 0·2	0
Bengal	+ 0·6	— 1·1	+ 0·2	— 0·2	+ 0·4	+ 0·4	— 0·5	+ 0·1	+ 0·9	+ 0·1	+ 1·7	+ 0·9	+ 0·3
United Provinces	+ 1·2	— 1·5	+ 0·9	— 0·6	— 0·6	— 0·8	— 2·5	— 0·2	+ 2·4	+ 0·6	+ 1·6	— 0·5	0
Punjab	+ 2·1	— 1·2	+ 1·4	— 0·3	— 0·6	— 0·6	— 2·1	— 1·5	+ 0·3	+ 0·6	+ 0·8	— 0·9	— 0·2
North-West Frontier Province	+ 2·1	— 0·7	+ 1·3	— 0·3	+ 0·3	+ 0·2	— 0·8	— 1·4	+ 0·6	+ 0·9	+ 0·5	+ 0·8	+ 0·3
Sind	+ 1·4	— 0·6	+ 1·1	+ 0·1	— 0·6	— 0·2	— 2·0	— 1·0	+ 0·9	+ 0·2	+ 0·2	— 0·2	— 0·1
Rajputana	+ 2·0	— 0·7	+ 1·3	— 0·5	— 0·3	— 0·5	— 2·5	— 1·4	+ 1·2	+ 0·3	+ 0·9	— 0·6	— 0·1
Bombay	+ 0·8	— 0·4	— 0·1	— 0·4	+ 0·4	— 0·3	— 0·6	+ 0·1	— 0·5	+ 0·2	+ 2·0	+ 1·2	+ 0·2
Central India	+ 1·7	+ 0·1	+ 1·7	— 0·2	+ 0·9	+ 1·2	+ 0·2	+ 1·1	+ 2·1	+ 1·4	+ 3·1	+ 1·3	+ 1·2
Central Provinces	+ 0·6	— 0·9	— 0·1	— 1·4	+ 0·3	+ 0·2	— 0·8	+ 0·5	+ 0·5	+ 0·6	+ 2·7	+ 0·6	+ 0·2
Hyderabad	+ 0·7	— 0·7	— 0·3	— 1·3	— 0·3	— 0·2	— 1·7	— 0·1	— 2·1	— 1·0	+ 1·3	+ 1·5	— 0·3
Mysore	0	— 0·6	— 1·2	— 0·9	— 0·2	0	+ 0·1	— 0·5	— 1·3	— 1·4	+ 0·3	+ 2·5	— 0·3
Madras	+ 0·6	— 0·1	— 0·1	— 0·3	0	— 0·2	— 0·7	— 0·4	— 0·8	— 0·5	+ 0·8	+ 1·8	0
Mean of India	+ 1·0	— 0·6	+ 0·4	— 0·4	0	— 0·1	— 1·0	— 0·3	+ 0·3	+ 0·3	+ 1·1	+ 0·5	+ 0·1

I.—The cold weather period.—The abnormal features of the distribution of cloud like those of humidity and rainfall were opposite in character in the two months: thus in January the cloud proportion exceeded the normal in almost all parts of the country, whereas in February the estimated amount fell short of the average everywhere except in Central India and Eastern Bengal and Assam. On the mean of the whole period the sky was much more clouded than usual in Eastern Bengal and Assam, Central India and north-west India, but elsewhere the departures from the normal state were not of much significance.

TABLE 72.

Division.	Departure of mean 8 hrs. cloud amount from normal.		
	January.	February.	Period, January and February.
Burma	+ 0·5	− 0·2	+ 0·1
Eastern Bengal and Assam	+ 1·1	0	+ 0·5
Bengal	+ 0·6	− 1·1	− 0·3
United Provinces	+ 1·2	− 1·5	− 0·1
Punjab	+ 2·1	− 1·2	+ 0·5
North-West Frontier Province	+ 2·1	− 0·7	+ 0·7
Sind	+ 1·4	− 0·6	+ 0·4
Rajputana	+ 2·0	− 0·7	+ 0·7
Bombay	+ 0·8	− 0·4	+ 0·2
Central India	+ 1·7	+ 0·1	+ 0·9
Central Provinces	+ 0·6	− 0·9	− 0·1
Hyderabad	+ 0·7	− 0·7	0
Mysore	0	− 0·6	− 0·3
Madras	+ 0·6	− 0·1	+ 0·3

In the hill districts of northern India and Baluchistan there was on the average of the period a decided excess of cloud, but further west in Persia the distribution of cloud was characterized by much irregularity.

TABLE 73.

Station.	Departure of mean 8 hrs. cloud amount from normal.		
	January.	February.	Period, January and February.
Perim	− 0·1	+ 0·7	+ 0·3
Aden	− 0·4	− 0·3	− 0·3
Baghdad	+ 1·2	+ 0·9	+ 1·1
Bushire	+ 1·2	...	...
Tehran	− 0·7	− 0·6	− 0·7
Ispahan	− 0·2	− 0·8	− 0·5
Jask	+ 2·4	− 0·5	+ 0·9
Muscat	+ 4·0	− 0·2	+ 1·9
Chaman	+ 1·8	+ 0·3	+ 1·1
Quetta	+ 1·9	+ 0·3	+ 1·1
Cherat	+ 3·1	+ 0·6	+ 1·9
Murree	+ 3·2	+ 0·7	+ 1·9
Gilgit	+ 2·0	− 0·2	+ 0·9
Kashgar	...	− 0·7	...
Srinagar	+ 1·4	+ 1·6	+ 1·5
Simla	+ 1·5	− 0·1	+ 0·7
Leh	+ 1·2	+ 1·0	+ 1·1
Chakrata	+ 1·7	− 0·3	+ 0·7
Darjiling	+ 3·5	+ 1·1	+ 2·3
Pachmarhi	− 0·7	− 2·2	− 1·5
Mount Abu	+ 2·9	− 0·1	+ 1·4

II.—The hot weather period.—The proportion of cloud was on the whole high in the North-West Frontier Province and Central India, low in the Central Provinces, Hyderabad and Mysore, and about the average elsewhere.

TABLE 74.

Division.	Departure of mean 8 hrs. cloud amount from normal.			
	March.	April.	May.	Period, March to May.
Burma	− 0·3	+ 0·3	− 0·3	− 0·1
Eastern Bengal and Assam	0	− 0·1	+ 0·3	+ 0·1
Bengal	+ 0·2	− 0·2	+ 0·4	+ 0·1
United Provinces	+ 0·9	− 0·6	− 0·6	− 0·1
Punjab	+ 1·4	− 0·3	− 0·6	+ 0·2
North-West Frontier Province	+ 1·3	− 0·3	+ 0·3	+ 0·4
Sind	+ 1·1	+ 0·1	− 0·6	+ 0·2
Rajputana	+ 1·3	− 0·5	− 0·3	+ 0·2
Bombay	− 0·1	− 0·4	+ 0·4	0
Central India	+ 1·7	− 0·2	+ 0·9	+ 0·8
Central Provinces	− 0·1	− 1·4	+ 0·3	− 0·4
Hyderabad	− 0·3	− 1·3	− 0·3	− 0·6
Mysore	− 1·2	− 0·9	− 0·2	− 0·8
Madras	− 0·1	− 0·3	0	− 0·1

In Persia and Baluchistan the quantity of cloud was in excess in the greater part of the period, an indication that the winter conditions there were much more protracted than in upper India. In the Sikkim Himalayas the sky was unusually cloudy throughout the whole period.

TABLE 75.

Station.	Departure of mean 8 hrs. cloud amount from normal.			
	March.	April.	May.	Period, March to May.
Perim	+1·3	+1·5	− 0·1	+0·9
Aden	+ 0·8	+0·8	+0·8	+0·8
Baghdad	+0·2	+2·1	+0·6	+1·0
Bushire	+1·3	+2·1	− 0·4	+1·0
Tehran	− 0·8	+ 6·7?	− 0·8	+ 1·7?
Ispahan	− 0·3	− 0·6	− 0·9	− 0·6
Jask	+ 0·6	+ 0·2	0	+ 0·3
Muscat	+ 2·4	+ 2·5	+ 1·5	+ 2·1
Chaman	+ 1·9	+ 0·8	+ 0·5	+ 1·1
Quetta	+ 2·0	− 0·8	0	+ 0·4
Cherat	+ 1·5	+ 0·1	+ 0·1	+ 0·6
Murree	+ 2·2	− 0·2	+ 0·2	+ 0·7
Gilgit	+ 1·3	+ 1·2	− 0·1	+ 0·8
Kashgar	− 3·6	− 1·2	− 0·5	− 1·8
Srinagar	+ 2·3	− 0·4	− 0·2	+ 0·6
Simla	+ 1·6	0	− 1·6	0
Leh	+ 1·2	− 0·5	− 1·9	− 0·4
Chakrata	+ 1·5	+ 0·1	− 0·8	+ 0·3
Darjiling	+ 1·8	+ 1·6	+ 2·8	+ 2·1
Pachmarhi	− 0·5	− 1·9	− 1·9	− 1·4
Mount Abu	+ 2·3	− 0·2	+ 0·9	+ 1·0

III.—The south-west monsoon period.—In northern India the cloud proportion was in general nearly normal in June, in defect in July and August, and above the normal in September. In the Peninsula there was rather less cloud than usual during nearly the whole period.

TABLE 76.

Division.	Departure of mean 8 hrs. cloud amount from normal.				
	June.	July.	August.	September.	Period, June to September.
Burma	+ 0·5	+ 0·4	+ 0·4	+ 0·2	+ 0·4
Eastern Bengal and Assam	— 0·1	— 0·4	— 0·8	— 0·7	— 0·5
Bengal	+ 0·4	— 0·5	+ 0·1	+ 0·9	+ 0·2
United Provinces	— 0·8	— 2·5	— 0·2	+ 2·4	— 0·3
Punjab	— 0·6	— 2·1	— 1·5	+ 0·3	— 1·0
North-West Frontier Province	+ 0·2	— 0·8	— 1·4	+ 0·6	— 0·3
Sind	— 0·2	— 2·0	— 1·0	+ 0·9	— 0·6
Rajputana	— 0·5	— 2·5	— 1·4	+ 1·2	— 0·8
Bombay	— 0·3	— 0·6	+ 0·1	— 0·5	— 0·3
Central India	+ 1·2	+ 0·2	+ 1·1	+ 2·1?	+ 1·1?
Central Provinces	+ 0·2	— 0·8	+ 0·5	+ 0·5	+ 0·1
Hyderabad	— 0·2	— 1·7	— 0·1	— 2·1	— 1·0
Mysore	0	+ 0·1	— 0·5	— 1·3	— 0·4
Madras	— 0·2	— 0·7	— 0·4	— 0·8	— 0·5

A reference to the corresponding rainfall data will show that the abnormalities of the two elements were fairly similar.

The cloud amount was largely below the normal throughout the period in Kashmir and Kashgaria and slightly below in Baluchistan. In Persia on the other hand the cloud proportion was either normal or in excess.

TABLE 77.

Station.	Departure of mean 8 hrs. cloud amount from normal.				
	June.	July.	August.	September.	Period, June to September.
Perim	— 0·1	0	— 1·5	— 0·9	— 0·6
Aden	+ 0·6	— 0·3	+ 1·4	+ 0·4	+ 0·5
Baghdad	— 0·1	+ 0·1	+ 0·1	— 0·2	0
Bushire	— 0·2	— 0·8	...	...	...
Tehran	— 0·1	— 0·7	+ 1·6	+ 0·2	+ 0·3
Ispahan	— 0·1	— 0·5	0	— 0·3	— 0·2
Jask	0	+ 1·2	+ 1·7	+ 1·9	+ 1·2
Muscat	+ 2·7	+ 2·3	+ 4·4	+ 2·9	+ 3·1
Chaman	— 0·5	— 0·5	— 0·5	— 0·2	— 0·4
Quetta	— 0·6	+ 0·6	— 0·7	0	— 0·2
Cherat	— 0·5	— 0·9	— 1·3	+ 0·1	— 0·7
Murree	— 0·5	— 1·2	+ 0·7	+ 2·2	+ 0·3
Gilgit	— 0·8	— 2·0	— 3·3	— 2·0	— 2·0
Kashgar	— 0·9	— 1·5	— 3·4	— 2·5	— 2·1
Srinagar	— 0·9	— 2·6	— 1·6	— 0·2	— 1·3
Simla	— 1·1	— 2·8	+ 0·4	+ 2·3	— 0·3
Leh	— 1·9	+ 0·7	— 1·1	+ 1·0	— 0·3
Chakrata	+ 2·3	0	+ 2·7	+ 2·9	+ 2·0
Darjiling	+ 0·4	0	+ 0·2	+ 0·2	+ 0·2
Pachmarhi	— 0·4	— 1·6	+ 0·3	+ 0·9	— 0·2
Mount Abu	+ 1·3	— 1·4	+ 0·7	+ 2·6	+ 0·8

IV.—The retreating south-west monsoon period.—Except in Burma the cloud proportion was more or less above the average throughout the Indian area. The excess was very pronounced in Bombay, the Central Provinces and Central India.

TABLE 78.

Division.	Departure of mean 8 hrs. cloud amount from normal.			
	October.	November.	December.	Period, October to December.
Burma	+ 0·9	— 1·2	— 0·1	— 0·1
Eastern Bengal and Assam	+ 0·5	+ 0·5	+ 0·2	+ 0·4
Bengal	+ 0·1	+ 1·7	+ 0·9	+ 0·9
United Provinces	+ 0·6	+ 1·6	— 0·5	+ 0·6
Punjab	+ 0·6	+ 0·8	— 0·9	+ 0·2
North-West Frontier Province	+ 0·9	+ 0·5	+ 0·8	+ 0·7
Sind	+ 0·2	+ 0·2	— 0·2	+ 0·1
Rajputana	+ 0·3	+ 0·9	— 0·6	+ 0·2
Bombay	+ 0·2	+ 2·0	+ 1·2	+ 1·1
Central India	+ 1·4	+ 3·1	+ 1·3	+ 1·9
Central Provinces	+ 0·6	+ 2·7	+ 0·6	+ 1·3
Hyderabad	— 1·0	+ 1·3	+ 1·5	+ 0·6
Mysore	— 1·4	+ 0·3	+ 2·5	+ 0·5
Madras	— 0·5	+ 0·8	+ 1·8	+ 0·7

In Persia the cloud proportion was nearly normal in October and November and in excess in December, while in Baluchistan it was average in October and in defect in the other two months of the period. The absence of heavy cloud in Persia in October and November would indicate that the abnormally disturbed weather in northwest India during those months was to some extent at least independent of the actions in Persia.

TABLE 79.

Station.	Departure of mean 8 hrs. cloud amount from normal.			
	October.	November.	December.	Period, October to December.
Perim	— 0·9	+ 0·3	— 1·1	— 0·6
Aden	+ 0·8	+ 1·9	+ 0·2	+ 1·0
Baghdad	+ 1·0	+ 1·7	+ 3·5	+ 2·1
Bushire	— 0·7	+ 0·6	+ 2·8	+ 0·9
Tehran	0	— 1·3	+ 2·0	+ 0·2
Ispahan	— 0·5	— 0·3	+ 2·0	+ 0·4
Jask	+ 0·3	+ 1·6	+ 0·3	+ 0·7
Muscat	+ 1·3	+ 0·2	+ 0·8	+ 1·0
Chaman	0	— 0·5	+ 0·1	— 0·1
Quetta	+ 0·4	— 0·2	— 1·0	— 0·3
Cherat	+ 0·9	+ 0·8	+ 1·2	+ 0·8
Murree	+ 0·7	+ 1·0	+ 0·3	+ 0·7
Gilgit	— 0·2	+ 0·5	— 0·1	+ 0·1
Srinagar	— 0·1	+ 1·5	+ 1·6	+ 1·0
Simla	+ 1·0	+ 2·1	— 1·8	+ 0·4
Leh	— 0·1	+ 1·1	+ 1·0	+ 0·7
Chakrata	+ 1·0	+ 1·9	— 1·1	+ 0·6
Darjiling	+ 0·9	+ 1·3	+ 0·2	+ 0·8
Pachmarhi	— 0·8	+ 1·8	— 1·1	0
Mount Abu	+ 0·9	+ 0·8	+ 0·5	+ 0·7

The year.—On the average of the whole of the recording stations in the plains of India the cloud proportion was equal to the normal in May and June, low in February, April, July and August, and high in the remaining months of the year. The excess of cloudiness was most marked in January and November in which months the rainfall was 100 and 35 per cent respectively above the average; while the largest defect occurred in February and July, the driest months of the year, relatively to the normal.

On the whole, notwithstanding the defect of rainfall and humidity, the yearly value of cloud was 2 per cent above the normal.

Snowfall.

A.—The cold weather of 1910-11 and the succeeding hot weather :—

(*a*) According to the scanty information available the snowfall, especially in December and January, was abnormally heavy in Persia, Transcaspia, western Afghanistan and parts of Turkistan. In some parts of Persia snow is reported to have fallen to unusually low levels. The Ahwaz road was covered with deep snow even in the beginning of April. Heavy rainfall is said to have occurred in Transcaspia and parts of Afghanistan in April and in Central Asia in May, an indication that the winter there was more prolonged than usual.

(*b*) In Baluchistan the precipitation was well above the average in December, January and March, and normal or in defect in February, April and May. Similar conditions seem to have prevailed in the North-West Frontier Province. A rapid melting of the accumulations occurred during the second half of May, but the quantity of unmelted residue at the beginning of June was undoubtedly greater than usual.

(*c*) In Kashmir the precipitation of the season was heavy, an excess having occurred in December, January and March. There were occasional falls in April and a few local falls in May, but they were restricted to the higher ranges. At the end of May snow lay 2½ feet deep in the valley of Gulmarg and nearly 8 feet deep on the higher mountains near Sonamarg and Dras, but was melting fast.

(*d*) In the Punjab Himalayas the snowfall was very heavy in January and March and probably also in December: it was light to moderate in February and April, and very light and local in May. In Kulu, Spiti and Lahoul the season was exceptionally severe. In the beginning of June the accumulations in Chamba and Kulu, for which alone information is forthcoming, were usually great.

(*e*) In the Kumaon hills snowfall was greater than usual in January and March and normal or below normal in December, February and May. In Almora the accumulations in the beginning of May were much greater than usual.

(*f*) In the Assam Himalayas the snowfall was probably somewhat above the average.

(B).—The south-west monsoon period, June to September—

During June the snowfall in the mountain zone bordering upper India was light and local. The accumulations still existing at the end of the month were however of more than usual depth.

During July according to the imperfect information available there was no snowfall in Afghanistan. The snowline remained however much lower than usual on the hills around Kabul.

A few falls occurred in the hill districts of the North-West Frontier Province, but they were very localized and confined to the higher elevations. On the passes in Dir and Swat snow lay at a much lower level than usual. In Kas mir there were occasional local falls, but their total amou was small. The accumulations existing at the end of t month on the mountains surrounding Leh were greater th usual. Snow fell throughout the Pangi valley on the 19 and in the Kulu hills down to 12,000 feet two days lat Heavy snow, amounting to about three feet in depth, is s to have fallen also in the fourth week on nearly all the hi hills and passes in Chamba. The accumulations at the e of the month both in Kulu and Chamba were unusual deep. In the Kumaon hills the snowfall conditions did n differ appreciably from the normal.

In August according to available information no sno fell in the mountain region bordering upper India on t West. In Kashmir there were four falls on the high ranges visible from Skardu; while in the Punjab Himalay light snow fell on the hills near Kilba down to a level about 11,000 feet on the last three days of the month. Almora snowstorms were of occasional occurrence: the tot fall measured 9½ feet on the Nuwe pass, and 4 feet on t Lipulekh and Lampia passes. At the end of the month t accumulated snow measured about 20 feet on the Nuwe pas 11 feet on the Lampia, 9 feet on the Lipulekh, and 5 feet the Binkaru: the quantities were greater than usual exce in the case of the Binkaru pass. On the whole the snowfa of the month was not heavier than usual. Heavy rain is sai to have fallen in parts of Central Asia in the beginning of t month.

In September heavy snow is said to have fallen in part of Central Asia about the second week.

No information is available regarding the mountai zone bordering upper India on the west. In Kashmir ther were two or three falls of snow in the second fortnight on th higher hills near Skardu and Kargil, and one fall on th Affarwata mountains. On the passes near Kilba (Simla Hills) snow fell on nine occasions during the last twelve day of the month; the snowline during this period was at abou 11,000 feet, at which level the total fall amounted to abou 2 feet in depth.

(C).—The period October to December.

October was more disturbed than usual. The winter conditions are reported to have set in earlier than usual in Central Asia and in the mountain zone to the north and west of India. Thus in west Turkistan the first fall of snow occurred early in October, in Afghanistan on the 26th and in the Sikkim Himalayas on the 19th. The total snowfall of the month was undoubtedly much in excess of the average except in Kashmir, and the snowline at the end of the month was considerably lower than is normally the case at the time of year. In the hills to the north of Chakrata snow is reported to have fallen as low as 8,500 feet.

So far as can be judged from the information available at the present time the snowfall of November in the greater part of the mountain zone bordering upper India on the north and west was very heavy for the time of year and in some places occurred down to exceptionally low levels. Very severe weather is said to have prevailed in Central Asia.

In December so far as can be judged from the available information the snowfall over the greater part of the mountain zone bordering upper India was below the normal.

Rainfall.

The rainfall data of India are now issued annually in a separate volume entitled "Rainfall of India." The twenty-first volume, that of 1911, contains the whole rainfall data of 2,783 stations which are there classified under their respective administrative divisions according to the following scheme :—

Province.	Number of stations.
Burma	198
Eastern Bengal and Assam	243
Bengal	363
United Provinces of Agra and Oudh.	276
Punjab	190
North-West Frontier Province	33
Bombay	289
Madras (including Puddukkottai, Travancore and Cochin)	491
Coorg	10
Central Provinces	172
Mysore	77
Baluchistan	81
Kashmir	36
Rajputana	185
Central India	117
Hyderabad (Deccan)	22
Total	2,783

The information includes monthly statements of—

(*a*) the actual rainfall, day by day, of all the rainfall stations ;

(*b*) the total rainfall of the month ;

(*c*) the number of rainy days during the month ;

(*d*) the average or normal rainfall of the month of all stations for which rainfall data of at least five years are available ;

(*e*) the average or normal number of rainy days of the month for all stations for which rainfall data of five years or upwards are available.

Symons' rain-gauges are now used at all rain-gauge stations with the exception of those in Mysore. The time of measuring rainfall is 8 hrs. throughout India, and the amounts registered give the rainfall of the previous 24 hours, and hence generally of the previous civil day.

The three tables (Tables 80 to 82) give summaries of the rainfall data of the year. The first and second tables give average rainfall data based on the returns of about 2,000 rain-gauge stations for the 14 chief political divisions and the 34 sub-divisions respectively, while the third table (Table 82) contains data of the number of rainy days for the 34 sub-divisions for the four seasons into which the year has been divided.

TABLE 80.—*Average, over the 14 chief political divisions, of the actual and normal rainfall for the four seasons of the year 1911, and for the whole year.*

Division.	January and February.				March to May.				June to September.				October to December.				Whole year.			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Actual.	Normal.	Departure from normal.	Percentage departure from normal.
	"	"	"		"	"	"		"	"	"		"	"	"		"	"	"	
Burma	0·15	0·27	−0·12	−44	11·51	10·80	+0·71	+7	63·95	61·32	+2·63	+4	7·43	7·29	+0·14	+2	83·04	79·68	+3·36	+4
Eastern Bengal and Assam	2·27	1·77	+0·50	+28	26·49	21·83	+5·11	+24	70·98	63·48	+7·50	+12	9·73	6·18	+3·55	+57	109·47	92·81	+16·66	+18
Bengal	0·27	1·23	−0·96	−78	5·10	5·34	−0·24	−4	45·32	43·73	+1·59	+4	4·95	4·20	+0·75	+18	55·64	54·50	+1·14	+2
United Provinces	2·47	1·52	+0·95	+63	1·62	1·21	+0·41	+34	29·91	34·98	−5·07	−14	3·75	1·81	+1·94	+107	37·75	39·52	−1·77	−4
Punjab	3·68	2·09	+1·59	+76	4·35	1·70	+2·65	+156	9·50	16·12	−6·62	−41	1·58	0·81	+0·77	+95	19·11	20·72	−1·61	−8
North-West Frontier Province.	4·21	2·66	+1·55	+58	8·30	3·89	+4·41	+113	5·12	8·46	−3·34	−39	2·37	1·23	+1·14	+93	20·00	16·24	+3·76	+23
Sind	0·06	0·53	−0·47	−89	0·59	0·39	+0·20	+51	0·32	5·49	−5·17	−94	0·06	0·22	−0·16	−73	1·03	6·63	−5·60	−84
Rajputana	0·59	0·55	+0·64	+7	0·89	0·64	+0·25	+39	11·76	19·19	−7·43	−39	0·97	0·68	+0·29	+43	14·21	21·06	−6·85	−33
Bombay	0·07	0·18	−0·11	−61	1·00	1·60	−0·60	−37	26·49	42·39	−15·90	−38	2·24	3·67	−1·43	−39	29·80	47·84	−18·04	−38
Central India	0·95	0·87	+0·08	+9	0·41	0·53	−0·12	−23	28·21	35·14	−6·93	−20	2·59	1·56	+1·03	+66	32·16	38·10	−5·94	−16
Central Provinces	0·70	0·75	−0·05	−7	0·34	1·17	−0·83	−71	32·53	36·92	−4·39	−12	3·35	2·55	+0·80	+31	36·92	41·39	−4·47	−11
Hyderabad	0·07	0·25	−0·18	−72	0·77	1·86	−1·09	−59	20·58	26·25	−5·67	−22	1·41	4·12	−2·71	−66	22·83	32·48	−9·65	−30
Mysore	0·03	0·15	−0·12	−80	6·47	5·34	+1·13	+21	19·06	22·98	−3·92	−17	8·38	7·78	+0·60	+8	33·94	36·25	−2·31	−6
Madras	0·11	0·84	−0·73	−87	3·37	4·51	−1·14	−25	21·65	24·33	−2·68	−11	14·18	14·51	−0·33	−2	39·31	44·19	−4·88	−11
Mean of India	0·97	0·91	+0·06	+7	5·01	4·53	+0·48	+11	31·52	35·44	−3·92	−11	4·82	4·42	+0·40	+9	42·32	45·30	−2·98	−7

TABLE 81.—*Average, over the 34 sub-divisions of the actual and normal rainfall for the four seasons of the year 1911, and for the whole year.*

Sub-division.	January and February.				March to May.				June to September.				October to December.				Whole year.			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Actual.	Normal.	Departure from normal.	Percentage departure from normal.
	"	"	"		"	"	"		"	"	"		"	"	"		"	"	"	
1. Bay Islands	0·31	0·86	−0·55	−64	12·07	15·40	−3·33	−22	57·33	61·44	−4·11	−7	17·29	20·73	−3·44	−17	87·00	98·43	−11·43	−12
2. Lower Burma	0·11	0·25	−0·14	−56	13·62	14·81	−1·19	−8	105·34	99·06	+6·28	+6	9·24	8·75	+0·49	+6	128·31	122·87	+5·44	+4
3. Upper Burma	0·17	0·27	−0·10	−37	9·67	7·29	+2·38	+33	27·58	28·44	−0·86	−3	5·88	6·02	−0·14	−2	43·30	42·02	+1·28	+3
4. Assam	3·85	2·21	+1·64	+74	29·89	27·23	+2·66	+10	72·81	64·10	+8·71	+14	10·59	6·53	+4·06	+62	117·14	100·07	+17·07	+17
5. Eastern Bengal	0·67	1·29	−0·62	−48	22·91	15·37	+7·54	+49	68·39	62·86	+5·53	+9	8·88	5·84	+3·04	+52	100·85	85·36	+15·49	+18
6. Bengal	0·28	1·32	−1·04	−79	8·62	8·51	+0·11	+1	42·02	44·56	−2·54	−6	4·19	4·80	−0·61	−13	55·11	59·19	−4·08	−7
7. Orissa	0·38	1·03	−0·65	−63	4·97	5·77	−0·80	−14	40·69	44·01	−3·32	−8	3·81	6·94	−3·13	−45	49·85	57·75	−7·90	−14
8. Chota Nagpur	0·05	1·27	−1·22	−96	2·93	3·91	−0·98	−25	46·56	44·91	+1·65	+4	4·99	3·32	+1·67	+50	54·53	53·41	+1·12	+2
9. Bihar	0·31	1·23	−0·92	−75	3·05	3·29	−0·24	−7	49·55	42·61	+6·94	+16	6·03	2·99	+3·04	+102	58·94	50·12	+8·82	+18
10. United Provinces, East	1·68	1·23	+0·45	+37	1·37	1·12	+0·25	+22	34·08	35·45	−1·37	−4	4·83	2·31	+2·52	+109	41·96	40·11	+1·85	+5
11. Do. do. West	3·37	1·85	+1·52	+82	1·92	1·31	+0·61	+47	25·27	34·46	−9·19	−27	2·57	1·25	+1·32	+106	33·13	38·87	−5·74	−15
12. Punjab, East and North	4·25	2·36	+1·89	+80	4·50	1·80	+2·70	+150	11·14	18·70	−7·56	−40	1·74	0·91	+0·83	+91	21·63	23·77	−2·14	−9
13. Punjab, Southwest	1·54	1·10	+0·44	+40	3·72	1·28	+2·44	+191	3·02	6·02	−3·00	−50	0·97	0·40	+0·57	+143	9·25	8·80	+0·45	+5
14. Kashmir	10·11	6·08	+4·03	+66	9·35	6·48	+2·87	+44	7·14	11·01	−3·87	−35	2·83	2·36	+0·47	+20	29·43	25·93	+3·50	+13
15. North-West Frontier Province.	4·21	2·66	+1·55	+58	8·30	3·89	+4·41	+113	5·12	8·46	−3·34	−39	2·37	1·23	+1·14	+93	20·00	16·24	+3·76	+23
16. Baluchistan	4·41	2·85	+1·56	+55	4·44	1·78	+2·66	+149	0·60	2·18	−1·58	−72	1·72	1·52	+0·20	+13	11·17	8·33	+2·84	+34
17. Sind	0·06	0·53	−0·47	−89	0·59	0·39	+0·20	+51	0·32	5·49	−5·17	−94	0·06	0·22	−0·16	−73	1·03	6·63	−5·60	−84
18. Rajputana, West	0·05	0·29	−0·24	−83	1·20	0·44	+0·76	+173	4·26	10·67	−6·41	−60	0·33	0·41	−0·08	−20	5·84	11·81	−5·97	−51
19. Do. East	0·77	0·65	+0·12	+18	0·73	0·73	0	0	15·59	22·35	−6·76	−30	1·20	0·78	+0·42	+54	18·29	24·51	−6·22	−25
20. Gujarat	0·10	0·15	−0·05	−33	0·87	0·27	+0·60	+222	12·67	33·47	−20·80	−62	0·09	1·16	−1·07	−92	13·73	35·05	−21·32	−61
21. Central India, West	0·75	0·54	+0·21	+39	0·14	0·39	−0·25	−64	23·27	32·41	−9·14	−28	1·64	1·18	+0·46	+39	25·80	34·52	−8·72	−25
22. Do. do. East	1·34	1·50	−0·16	−11	1·01	0·80	+0·21	+26	38·13	40·86	−2·73	−7	4·36	2·29	+2·07	+90	44·84	45·45	−0·61	−1
23. Berar	0·98	0·52	+0·46	+88	0·12	0·98	−0·86	−88	20·25	27·16	−6·91	−25	2·43	2·58	−0·15	−6	23·78	31·24	−7·46	−24
24. Central Provinces, West	0·70	0·93	−0·23	−25	0·45	0·97	−0·52	−54	35·40	41·31	−5·91	−14	3·87	2·42	+1·45	+60	40·42	45·63	−5·21	−11
25. Do. do. East	0·21	0·85	−0·64	−75	0·61	1·84	−1·23	−67	50·20	47·49	+2·71	+6	4·09	2·72	+1·37	+50	55·11	52·90	+2·21	+4
26. Konkan	0·01	0·18	−0·17	−94	0·74	1·98	−1·24	−63	77·77	105·56	−27·79	−26	2·98	5·43	−2·45	−45	81·50	113·15	−31·65	−28
27. Bombay, Deccan	0·06	0·19	−0·13	−68	1·17	2·31	−1·14	−49	16·67	25·03	−8·36	−33	3·37	4·65	−1·28	−28	21·27	33·18	−10·91	−34
28. Hyderabad, North.	0·15	0·24	−0·09	−37	0·20	1·50	−1·30	−87	23·43	30·15	−6·72	−22	1·16	3·90	−2·74	−70	24·94	35·79	−10·85	−30
29. Do. South	0	0·26	−0·26	−100	1·25	2·15	−0·90	−42	18·24	23·01	−4·77	−21	1·62	4·30	−2·68	−62	21·11	29·72	−8·61	−29
30. Mysore	0·03	0·15	−0·12	−80	6·47	5·34	+1·13	+21	19·06	22·98	−3·92	−17	8·38	7·78	+0·60	+8	33·94	36·25	−2·31	−6
31. Malabar	0·12	0·40	−0·28	−70	6·82	10·55	−3·73	−35	91·78	102·82	−11·04	−11	15·70	14·99	+0·71	+5	114·42	128·76	−14·34	−11
32. Madras, Southeast	0·19	1·20	−1·01	−84	3·78	4·52	−0·74	−16	9·89	11·96	−2·07	−17	18·38	17·87	+0·51	+3	32·24	35·55	−3·31	−9
33. Do. Deccan	0	0·21	−0·21	−100	2·58	2·49	+0·09	+4	11·64	14·67	−3·03	−21	4·44	7·19	−2·75	−8	18·66	24·56	−5·90	−24
34. Do. Coast, North	0·01	0·68	−0·67	−99	1·99	3·44	−1·45	−42	23·49	24·52	−1·03	−4	10·76	11·80	−1·04	−9	36·25	40·44	−4·19	−10

TABLE 82.—*Average, over the 34 sub-divisions of the actual and normal number of rainy days for the four seasons of the year 1911, and for the whole year.*

Sub-division.	January and February.			March to May.			June to September.			October to December.			Whole year.		
	Actual.	Normal.	Departure from normal.	Actual.	Normal.	Departure from normal.	Actual.	Normal.	Departure from normal.	Actual.	Normal.	Departure from normal.	Actual.	Normal.	Departure from normal.
1. Bay Islands	1·5	2·3	—0·8	16·0	20·3	—4·3	69·0	81·9	—12·9	21·0	29·6	—8·6	107·5	134·1	—26·6
2. Lower Burma	0·2	0·4	—0·2	15·4	16·5	—1·1	92·6	90·1	+2·5	10·9	12·3	—1·4	119·1	119·3	—0·2
3. Upper Burma	0·5	0·7	—0·2	13·5	11·2	+2·3	41·6	40·7	+0·9	8·6	9·0	—0·4	64·2	61·6	+2·6
4. Assam	5·5	5·2	+0·3	37·5	33·2	+4·3	71·7	67·6	+4·1	12·7	8·7	+4·0	127·4	114·7	+12·7
5. Eastern Bengal	1·1	2·3	—1·2	23·5	17·6	+5·9	68·1	62·7	+5·4	9·5	6·3	+3·2	102·2	88·9	+13·3
6. Bengal	0·7	2·3	—1·6	13·6	12·2	+1·4	55·2	55·7	—0·5	8·4	5·8	+2·6	77·9	76·0	+1·9
7. Orissa	0·5	1·8	—1·3	8·4	8·9	—0·5	49·0	52·2	—3·2	7·2	7·8	—0·6	65·1	70·7	—5·6
8. Chota Nagpur	0·2	2·7	—2·5	6·8	7·0	—0·2	56·4	53·9	+2·5	8·6	4·6	+4·0	72·0	68·2	+3·8
9. Bihar	0·8	2·6	—1·8	5·8	5·2	+0·6	51·6	46·7	+4·9	7·1	3·5	+3·6	65·3	58·0	+7·3
10. United Provinces, East	3·4	2·7	+0·7	3·6	2·4	+1·2	36·6	38·4	—1·8	7·2	2·4	+4·8	50·8	45·9	+4·9
11. Do. do. West	5·3	3·6	+1·7	4·4	3·1	+1·3	28·9	34·9	—6·0	4·2	1·9	+2·3	42·8	43·5	—0·7
12. Punjab, East and North	6·5	4·5	+2·0	7·7	4·0	+3·7	13·8	20·0	—6·2	3·5	1·6	+1·9	31·5	30·1	+1·4
13. Do. Southwest	4·3	2·7	+1·6	8·0	3·1	+4·9	4·9	8·1	—3·2	2·3	0·9	+1·4	19·5	14·8	+4·7
14. Kashmir	16·7	9·8	+6·9	14·9	12·9	+2·0	11·8	16·0	—4·2	6·0	5·2	+0·8	49·4	43·9	+5·5
15. North-West Frontier Province	9·2	5·1	+4·1	4·8	7·7	—2·9	9·2	11·6	—2·4	5·1	2·1	+3·0	28·3	26·5	+1·8
16. Baluchistan	8·3	6·6	+1·7	7·5	4·8	+2·7	1·0	3·8	—2·8	4·1	3·5	+0·6	20·9	18·7	+2·2
17. Sind	0·1	1·5	—1·4	1·1	1·0	+0·1	0·6	6·2	—5·6	0·1	0·5	—0·4	1·9	9·2	—7·3
18. Rajputana, West	0·1	0·8	—0·7	2·3	1·1	+1·2	7·5	13·4	—5·9	0·7	0·8	—0·1	10·6	16·1	—5·5
19. Do. East	2·2	1·6	+0·6	2·5	1·9	+0·6	20·2	27·6	—7·4	2·4	1·6	+0·8	27·3	32·7	—5·4
20. Gujarat	0·3	0·3	0	1·9	0·6	+1·3	19·4	36·4	—17·0	0·2	1·6	—1·4	21·8	38·9	—17·1
21. Central India, West	1·4	1·2	+0·2	0·4	0·9	—0·5	30·0	39·3	—9·3	3·2	2·3	+0·9	35·0	43·7	—8·7
22. Do. do. East	2·8	3·1	—0·3	2·6	1·9	+0·7	39·9	44·1	—4·2	6·9	3·2	+3·7	52·2	52·3	—0·1
23. Berar	1·4	1·1	+0·3	0·4	2·1	—1·7	30·5	38·1	—7·6	4·8	3·6	+1·2	37·1	44·9	—7·8
24. Central Provinces, West	1·2	1·8	—0·6	1·6	2·3	—0·7	43·6	47·1	—3·5	6·5	3·5	+3·0	52·9	54·7	—1·8
25. Do. do. East	0·4	1·6	—1·2	1·3	3·9	—2·6	54·3	51·7	+2·6	6·7	3·9	+2·8	62·7	61·1	+1·6
26. Konkan	0	0·3	—0·3	1·2	2·7	—1·5	76·7	85·9	—9·2	5·6	7·7	—2·1	83·5	96·6	—13·1
27. Bombay, Deccan	0·1	0·4	—0·3	2·2	4·4	—2·2	29·6	38·3	—8·7	5·9	7·0	—1·1	37·8	50·1	—12·3
28. Hyderabad, North	0·3	0·5	—0·2	0·5	3·6	—3·1	36·0	42·3	—6·3	2·4	5·9	—3·5	39·2	52·3	—13·1
29. Do. South	0	0·6	—0·6	3·0	4·3	—1·3	36·2	37·7	—1·5	4·4	7·0	—2·6	43·6	49·6	—6·0
30. Mysore	0·1	0·3	—0·2	10·7	8·9	+1·8	28·2	33·1	—4·9	12·1	11·8	+0·3	51·1	54·1	—3·0
31. Malabar	0·2	0·4	—0·2	9·7	13·5	—3·8	73·7	86·9	—13·2	18·2	19·0	—0·8	101·8	119·8	—18·0
32. Madras, Southeast	0·5	1·7	—1·2	6·0	6·4	—0·4	16·3	18·5	—2·2	23·1	21·1	+2·0	45·9	47·7	—1·8
33. Do. Deccan	0	0	0	5·3	4·5	+0·8	22·9	24·7	—1·8	7·8	10·2	—2·4	36·0	39·4	—3·4
34. Do. Coast, North	0	0·8	—0·8	3·5	5·4	—1·9	33·3	35·5	—2·2	11·7	12·0	—0·3	48·5	53·7	—5·2

I.—The cold weather period, January and February.

During January seven disturbances occurred in rapid succession, and there was a marked excess of precipitation over nearly the whole region stretching from Baluchistan across northern India to Upper Burma. In the Peninsula south of the Central Provinces the weather was however drier than usual.

February on the other hand was one of the driest on record. Four disturbances were recorded in Persia, but only one was of sufficient vitality to produce any appreciable precipitation in India.

The combined precipitation of the two months was 7 per cent above the normal; the excess was however confined only to Assam, the United Provinces, the Punjab, the North-West Frontier Province, Kashmir, Baluchistan, Rajputana East, Central India West and Berar. In Bengal, Chota Nagpur and Madras Southeast the fall was in defect by more than an inch.

TABLE 83.

Sub-division.	Rainfall of period, January and February			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.
	"	"	"	
ay Islands	0·31	0·86	−0·55	−64
ower Burma	0·11	0·25	−0·14	−56
pper Burma	0·17	0·27	−0·10	−37
ssam	3·85	2·21	+1·64	+74
astern Bengal	0·67	1·29	−0·62	−48
engal	0·28	1·32	−1·04	−79
rissa	0·38	1·03	−0·65	−63
hota Nagpur	0·05	1·27	−1·22	−96
ihar	0·31	1·23	−0·92	−75
nited Provinces, East	1·68	1·23	+0·45	+37
nited Provinces, West	3·37	1·85	+1·52	+82
unjab, East and North	4·25	2·36	+1·89	+80
unjab, Southwest	1·54	1·10	+0·44	+40
ashmir	10·11	6·08	+4·03	+66
orth-West Frontier Province	1·21	2·66	+1·55	+58
luchistan	4·41	2·85	+1·56	+55
nd	0·06	0·53	−0·47	−89
jputana, West	0·05	0·29	−0·24	−83
jputana, East	0·77	0·65	+0·12	+18
jarat	0·10	0·15	−0·05	−33
ntral India, West	0·75	0·54	+0·21	+39
Central India, East	1·34	1·50	−0·16	−11
Berar	0·98	0·52	+0·46	+88
Central Provinces, West	0·70	0·93	−0·23	−25
Central Provinces, East	0·21	0·85	−0·64	−75
Konkan	0·01	0·18	−0·17	−94
Bombay Deccan	0·06	0·19	−0·13	−68
Hyderabad, North	0·15	0·24	−0·09	−37
Hyderabad, South	0	0·26	−0·26	−100
Mysore	0·03	0·15	−0·12	−80
Malabar	0·12	0·40	−0·28	−70
Madras, Southeast	0·19	1·20	−1·01	−84
Madras, Deccan.	0	0·21	−0·21	−100
Madras Coast, North	0·01	0·68	−0·67	−99

Asiatic Turkey, Arabia, east Persia and Kashgaria also received more than their ordinary share of precipitation, but in west Persia there was a distinct deficit.

TABLE 84.

Station.	Rainfall of period, January and February.			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.
	"	"	"	
Perim	1·19	0·78	+0·41	+53
Aden	0·87	0·72	+0·15	+21
Baghdad	3·00	2·41	+0·59	+24
Busrah	1·75	2·22	−0·47	−21
Bushire	4·48	4·74	−0·26	−5
Bahrein	0·52	0·96	−0·44	−46
Tehran	2·32	2·73	−0·41	−15
Ispahan	0·71	1·07	−0·36	−34
Jask	4·59	1·65	+2·94	+178
Muscat	2·73	1·86	+0·87	+47
Meshed	2·14	1·71	+0·43	+25
Chaman	4·57	2·93	+1·64	+56
Kalat	4·23	2·50	+1·73	+69

TABLE 84—*concld.*

Station.	Rainfall of period, January and February.			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal
	"	"	"	
Quetta	6·12	3·91	+2·21	+57
Gilgit	1·39	0·42	+0·97	+231
Srinagar	9·33	5·77	+3·56	+62
Skardu	3·46	1·41	+2·05	+145
Sonamarg	29·84	20·98	+8·86	+42
Dras	10·92	5·12	+5·80	+113
Kashgar	0·45	0·27	+0·18	+67
Leh	0·83	0·71	+0·12	+17

The excessive precipitation in the greater part of the usual region of the winter rains accompanied a defect at Zanzibar and Seychelles. Further south at Mauritius the seasonal rainfall was over 40 per cent. in excess.

TABLE 85.

Station.	Rainfall of period, January and February.			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.
	"	"	"	
Zanzibar	0·55	5·78	—5·23	—90
Seychelles	26·99	29·69	—2·70	—9
Mauritius	20·76	14·60	+6·16	+42

II.—The hot weather period, March to May.

This, like the previous season, was characterized by very unusual weather. During March several disturbances of the cold weather type appeared in Persia and were thence transferred eastwards. The associated precipitation was unusually heavy for the time of year over nearly the whole of northern India, in some places surpassing all previous records for March. The influence of some of these disturbances extended eastwards as far as Upper Burma which accordingly obtained 64 per cent more than its proper amount of rainfall. In Lower Burma and the Peninsula generally the weather was even more settled than usual. In April which ordinarily witnesses the establishment of the conditions characteristic of the hot season in northwest India and the highlands to the west of the Indus, no less than four disturbances of Persian origin affected northwest India. Their influence on the weather was however confined almost entirely to the mountain zone. As happened in the corresponding period of 1910 an early advance of humid winds occurred over the Bay about the middle of the month and resulted in the formation of a storm, which travelled to the coast between Akyab and Chittagong and occasioned moderate to heavy rain in Burma. Over by far the greater part of the land area of India the usual hot weather characteristics were but feebly developed and very dry weather prevailed. During the first half of May shallow depressions of the winter type continued to affect the extreme north, but they caused little precipitation. As in April the usual duststorms and thunderstorms were feeble and comparatively rare; and the total precipitation of the month was below the normal in most parts of the country. A storm developed in the Arabian Sea but in the Bay of Bengal there was an almost complete absence of the usual temporary incursions of monsoon winds.

(*a*) The rainfall of the whole season, despite the scanty fall in April and May was well above the normal in northwest India, the United Provinces, Central India East, Eastern Bengal, Mysore and Upper Burma, and about the average or in defect over the rest of the country.

In the region including the Punjab, the North-West Frontier Province, Baluchistan, Rajputana West and Gujarat the quantity recorded during the period was two to three times the normal fall. On the other hand the Central Provinces, Hyderabad and the Konkan had less than half of the average amount.

TABLE 86.

Sub-division.	Rainfall of period, March to May.			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.
	"	"	"	
Bay Islands	12·07	15·40	—3·33	—22
Lower Burma	13·62	14·81	—1·19	—8
Upper Burma	9·67	7·29	+2·38	+33
Assam	29·89	27·23	+2·66	+10
Eastern Bengal	22·91	15·37	+7·54	+49
Bengal	8·62	8·51	+0·11	+1
Orissa	4·97	5·77	—0·80	—14
Chota Nagpur	2·93	3·91	—0·98	—25
Bihar	3·05	3·29	—0·24	—7
United Provinces, East	1·37	1·12	+0·25	+22
United Provinces, West	1·92	1·31	+0·61	+47
Punjab, East and North	4·50	1·80	+2·70	+150
Punjab, Southwest	3·72	1·28	+2·44	+191
Kashmir	9·35	6·48	+2·87	+44

TABLE 86—*concld.*

Sub-division.	Rainfall of period, March to May.			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.
	"	"	"	
North-West Frontier Province	8·30	3·89	+4·41	+113
Baluchistan	4·44	1·78	+2·66	+149
Sind	0·59	0·39	+0·20	+ 51
Rajputana, West	1·20	0·44	+0·76	+173
Rajputana, East	0·73	0·73	0	0
Gujarat	0·87	0·27	+0·60	+222
Central India, West	0·14	0·39	−0·25	— 64
Central India, East	1·01	0·80	+0·21	+ 26
Berar	0·12	0·98	−0·86	— 88
Central Provinces, West	0·45	0·97	−0·52	— 54
Central Provinces, East	0·61	1·84	−1·23	— 67
Konkan	0·74	1·98	−1·24	— 63
Bombay Deccan	1·17	2·31	−1·14	— 49
Hyderabad, North	0·20	1·50	−1·30	— 87
Hyderabad, South	1·25	2·15	−0·90	— 42
Mysore	6·47	5·34	+1·13	+ 21
Malabar	6·82	10·55	−3·73	— 35
Madras, Southeast	3·78	4·52	−0·74	— 16
Madras, Deccan	2·58	2·49	+0·09	+ 4
Madras Coast, North	1·99	3·44	−1·45	— 42

(*b*) Precipitation was very irregular in its occurrence in Persia. Thus the region of excess of rainfall was defined by Bushire, Tehran and Baghdad during March, by Ispahan and Tehran in April and by Meshed in May. The aggregate of the season as a whole agreed with the normal at Jask, was markedly deficient at Ispahan and much heavier than usual elsewhere.

Heavy rainfall is said to have occurred in Central Asia in May.

TABLE 87.

Station.	Rainfall of period, March to May.			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.
	"	"	"	
Perim	2·07	0·82	+1·25	+152
Aden	0·34	1·05	−0·71	— 68
Baghdad	3·53	2·45	+1·08	+ 44
Busrah	3·17	2·03	+1·14	+ 56
Bushire	4·08	1·41	+2·67	+189
Bahrein	2·64	0·65	+1·99	+306
Tehran	5·93	3·51	+2·42	+ 69
Ispahan	1·13	1·91	−0·78	— 41
Jask	0·84	0·83	+0·01	+ 1
Muscat	0·28	0·87	−0·59	— 68
Meshed	6·11	5·46	+0·65	+ 12
Chaman	3·56	2·23	+1·33	+ 60
Kalat	1·80	1·64	+0·16	+ 10
Quetta	3·48	3·35	+0·13	+ 4
Gilgit	1·56	2·48	−0·92	— 37
Srinagar	9·76	8·80	+0·96	+ 11
Skardu	2·62	3·25	−0·63	— 19
Sonamarg	29·09	32·83	−3·74	— 11
Dras	9·24	10·92	−1·68	— 15
Kashgar	1·04	1·35	−0·31	— 23
Leh	1·18	0·73	+0·45	+ 62

(*c*) In sub-equatorial regions the precipitation was 31 per cent above the normal at Zanzibar due chiefly to unusually heavy fall in May and 48 per cent in defect at the Seychelles. At Mauritius the seasonal fall was practically normal.

TABLE 88.

Station.	Rainfall of period, March to May.			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.
	"	"	"	
Zanzibar	40·83	31·28	+ 9·55	+ 31
Seychelles	12·03	23·33	—11·30	— 48
Mauritius	15·11	17·79	— 2·68	— 15

III.—The monsoon period, June to September.—Meteorologically the monsoon season of 1911 contrasted very unfavourably with the corresponding periods of the previous three years, all of which were characterized by large and well-distributed rainfall. The Arabian Sea current appeared on the west coast a few days later than usual, but extended with great rapidity into the interior. The Bay current on the other hand was somewhat early in its arrival in northeast India, but it failed for some time to advance up the Gangetic plain beyond Bihar The Arabian Sea monsoon withdrew almost completely from its usual field of activity on June 18th, and the break, thus begun, extended eastwards to the region of the Bay current, and by the 26th had embraced practically the whole country excluding Burma. A fresh advance of the Arabian Sea monsoon began on July 5th, and by the 10th feeble monsoon conditions had reappeared over the whole country excepting northwest India. This phase of activity lasted however only for a short time, for a second break set in about the 15th and, with but slight interruptions, lasted up to about the middle of August. The monsoon was at its weakest from July 15th to 26th during which period there was an almost complete suspension of rainfall over practically the whole of the interior. During the second half of August the monsoon revived, with the result that the drought which at one time threatened to prove as serious as in 1877, became mitigated considerably. In September the monsoon was fully up to its normal strength, but was directed to an unusual extent to the United Provinces and Central India at the expense of northwest India and the Peninsula.

As ordinarily happens during seasons of weak monsoon conditions, few disturbances were recorded, and of these the only noteworthy one was that which occurred during the last fortnight of September, and produced a trail of abundant rainfall across the north of the Peninsula, and a heavy burst around Delhi and Meerut between the 26th and 28th.

The final cessation of the monsoon rains occurred on the 21st September in the northwest and on the 30th in the east Punjab and the west of the United Provinces.

The aggregate rainfall of the whole season, June to September, was in defect of the normal by 3·9″ or 11 per cent. The deficit was common to almost all parts of the Indian region, the few exceptions being Lower Burma, Assam, Eastern Bengal, Chota Nagpur, Bihar and the Central Provinces East: in these areas an excess occurred but was under 17 per cent in amount. Precipitation was especially scanty in northwest India, which received barely half its normal seasonal supply. In Gujarat, where under normal conditions there is a fall of 33″ of rain, a total throughout the season of only about 13″ was recorded. There was a decided defect also in the United Provinces West (—27 per cent), Central India West (—28 per cent), Berar (—25 per cent), the Konkan (—26 per cent), Hyderabad (—22 per cent), the Bombay Deccan (—33 per cent), and the Madras Deccan (—21 per cent).

TABLE 89.

Sub-division.	Rainfall of period, June to September.			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.
	"	"	"	
Bay Islands	57·33	61·44	—4·11	— 7
Lower Burma	105·34	99·06	+6·28	+ 6
Upper Burma	27·58	28·44	—0·86	— 3
Assam	72·81	64·10	+8·71	+14
Eastern Bengal	68·39	62·86	+5·53	+ 9
Bengal	42·02	44·56	—2·54	— 6
Orissa	40 69	44·01	—3·32	— 8
Chota Nagpur	46·56	44·91	+1·65	+ 4
Bihar	49·55	42 61	+6·94	+16
United Provinces, East . .	34·08	35·45	—1·37	— 4
United Provinces, West . .	25·27	34·46	—9·19	—27
Punjab, East and North . .	11·14	18·70	—7·56	—40
Punjab, Southwest . . .	3·02	6·02	—3·00	—50
Kashmir	7·14	11·01	—3·87	—35
North-West Frontier Province .	5·12	8·46	—3·34	—39
Baluchistan	0·60	2·18	—1·58	—72
Sind	0·32	5·49	—5·17	—94
Rajputana, West	4·26	10·67	—6·41	—60
Rajputana, East	15·59	22·35	—6·76	—30
Gujarat	12·67	33·47	—20·80	—62
Central India, West	23·27	32·41	—9·14	—28
Central India, East	38·13	40·86	—2·73	— 7
Berar	20·25	27·16	—6·91	—25
Central Provinces, West . .	35·40	41·31	—5·91	—14

TABLE 89—*concld.*

Sub-division.	Rainfall of period, June to September.			
	Actual.	Normal	Departure from normal.	Percentage departure from normal.
	"	"	"	
entral Provinces, East	50·20	47·49	+2·71	+ 6
onkan	77·77	105·56	−27·79	−26
ombay Deccan	16·67	25·03	−8·36	−33
yderabad, North	23·43	30·15	−6·72	−22
yderabad, South	18·24	23·01	−4·77	−21
ysore	19·06	22·98	−3·92	−17
alabar	91·78	102·82	−11·04	−11
adras, Southeast	9·89	11·96	−2·07	−17
adras, Deccan	11·64	14·67	−3·03	−21
adras Coast, North	23·49	24·52	−1·03	− 4

hus the most striking characteristics of the monsoon of 1911 were :—

) its extreme weakness and unsteadiness, particularly in the Arabian Sea current, from June 18th to about the middle of August;

) the distinct increase in its activity from the third week of August, more especially in the United Provinces and Central India; and

its almost complete failure in Gujarat, Sind and parts of Rajputana.

According to the data of Zanzibar, Seychelles and auritius the deficit of rainfall in the Indian region was not mpensated by an excess in the Indian Ocean.

TABLE 90.

Station.	Rainfall of period, June to September.			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.
	"	"	"	
ibar	6·70	8·39	−1·69	−20
helles	10·77	14·63	−3·86	−26
ritius	6·75	8·34	−1·59	−19

In Persia, Arabia and Kashgaria the weather was drier n than usual. There is however some evidence that in ts of Central Asia the weather was unusually disturbed he beginning of August.

TABLE 91.

Station.	Rainfall of period, June to September.			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.
	"	"	"	
Perim	0·49	0·65	−0·16	− 25
Aden	0·34	0·37	−0·03	− 8
Baghdad	0	0·05	−0·05	−100
Busrah	0	0·19	−0·19	−100
Bushire	0	0·01	−0·01	−100
Bahrein	0	0	0	0
Tehran	0·11	0·43	−0·32	− 74
Ispahan	0	0·08	−0·08	−100
Jask	0	0·06	−0·06	−100
Muscat	0	0·17	−0·17	−100
Meshed	0	0·45	−0·45	−100
Chaman	0	0·11	−0·11	−100
Kalat	0	1·12	−1·12	−100
Quetta	0·56	1·44	−0·88	− 61
Gilgit	0·26	1·81	−1·55	− 86
Srinagar	5·54	8·83	−3·29	− 37
Skardu	1·18	2·40	−1·22	− 51
Sonamarg	11·88	15·22	−3·34	− 22
Dras	0·91	3·31	−2·40	− 73
Kashgar	0·33	1·54	−1·21	− 79
Leh	0·58	1·44	−0·86	− 60

IV.—The retreating southwest-monsoon period, October to December.—The general weakness which had characterized the monsoon current during the rainy season persisted through the succeeding period. The termination of the rains in northeast India about the middle of October was followed immediately by the commencement of the autumnal rains in Madras and Mysore, but with the appearance of a cyclonic storm over the Andaman Sea on the 20th the rain-bearing current was drawn aside from the Peninsula to Burma. On the dissipation of this storm over Burma on the 24th the monsoon withdrew abruptly from the Bay—about seven weeks before its normal date. Fairly general rain occurred in the Peninsula between the 19th and the 26th November, and in Madras during the first week of December, on the former occasion in connection with a peculiar disturbance in the Arabian Sea and on the latter from a depression in the Bay, but during the rest of November and December the weather was unusually dry over practically the whole of the Peninsula. The dry period in the Peninsula lasting from about October 20th to November 20th synchronised with the prevalence of abnormally disturbed weather in the region stretching from the western limits of Bengal to Persia. Four disturbances of the class of cold

weather storms were transmitted into northern India from the west and were productive of unseasonably heavy rain in the plains and much snowfall in the Himalayas and the Afghan mountains.

The total precipitation of the season was distinctly above the average throughout northern and central India with the exception of Bengal, Orissa, Sind, Rajputana West, Gujarat and Berar, and it was in defect in the Peninsula excluding Mysore, Malabar and Madras Southeast. In the region of scanty precipitation in the Peninsula the deficit was more than two inches in amount in the Konkan, Hyderabad and the Madras Deccan. Rainfall was on the other hand unusually heavy for the season in Bihar, the United Provinces and the Punjab Southwest. In Burma about the average amount was recorded.

TABLE 92.

Sub-division.	Rainfall of period, October to December.			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.
	"	"	"	
Bay Islands	17·29	20·73	—3·44	— 17
Lower Burma	9·24	8·75	+0·49	+ 6
Upper Burma	5·88	6·02	—0·14	— 2
Assam	10·59	6·53	+4·06	+ 62
Eastern Bengal	8·88	5·84	+3·04	+ 52
Bengal	4·19	4·80	—0·61	— 13
Orissa	3·81	6·94	—3·13	— 45
Chota Nagpur	4·99	3·32	+1·67	+ 50
Bihar	6·03	2·99	+3·04	+102
United Provinces, East	4·83	2·31	+2·52	+109
United Provinces, West	2·57	1·25	+1·32	+106
Punjab, East and North	1·74	0·91	+0·83	+ 91
Punjab, Southwest	0·97	0·40	+0·57	+143
Kashmir	2·83	2·36	+0·47	+ 20
North-West Frontier Province	2·37	1·23	+1·14	+ 93
Baluchistan	1·72	1·52	+0·20	+ 13
Sind	0·06	0·22	—0·16	— 73
Rajputana, West	0·33	0·41	—0·08	— 20
Rajputana, East	1·20	0·78	+0·42	+ 54
Gujarat	0·09	1·16	—1·07	— 92
Central India, West	1·64	1·18	+0·46	+ 39
Central India, East	4·36	2·29	+2·07	+ 90
Berar	2·43	2·58	—0·15	— 6
Central Provinces, West	3·87	2·42	+1·45	+ 60
Central Provinces, East	4·09	2·72	+1·37	+ 50
Konkan	2·98	5·43	—2·45	— 45
Bombay Deccan	3·37	4·65	—1·28	— 28
Hyderabad, North	1·16	3·90	—2·74	— 70
Hyderabad, South	1·62	4·30	—2·68	— 62
Mysore	8·38	7·78	+0·60	+ 8
Malabar	15·70	14·99	+0·71	+ 5
Madras, Southeast	18·38	17·87	+0·51	+ 3
Madras, Deccan	4·44	7·19	—2·75	— 38
Madras Coast, North	10·76	11·80	—1·04	— 9

Precipitation was as largely in excess in Persia and Baluchistan as in upper India. Kashmir and Kashgaria also participated in the excess.

TABLE 93.

Station.	Rainfall of period, October to December.			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.
	"	"	"	
Perim	0·21	0·23	—0·02	— 9
Aden	0	0·51	—0·51	—100
Baghdad	2·17	2·04	+0·13	+ 6
Busrah	6·04	1·79	+4·25	+237
Bushire	5·73	4·91	+0·82	+ 17
Bahrein	3·05	0·86	+2·19	+255
Tehran	2·38	2·63	—0·25	— 10
Ispahan	2·24	1·68	+0·56	+ 33
Jask	0·89	1·63	—0·74	— 45
Muscat	0·97	1·04	—0·07	— 7
Meshed	1·70	1·75	—0·05	— 3
Chaman	2·38	1·41	+0·97	+ 69
Kalat	1·96	1·48	+0·48	+ 32
Quetta	2·45	1·32	+1·13	+ 86
Gilgit	0·19	0·40	—0·21	— 53
Srinagar	2·95	2·84	+0·11	+ 4
Skardu	0·32	0·42	—0·10	— 24
Sonamarg	14·05	8·81	+5·24	+ 59
Dras	2·94	2·43	+0·51	+ 21
Kashgar	0·19	0·12	+0·07	+ 58
Leh	0	0·38	—0·38	—100

At the stations in the Indian Ocean the precipitation, although below the normal for the whole season, was in excess at Seychelles during October and November.

TABLE 94.

Station.	Departure from normal of rainfall in			
	October.	November.	December.	Period, October to December.
	"	"	"	"
Zanzibar	−0·78	−2·38	−3·68	−6·84
Seychelles	+2·22	+2·60	−7·36	−2·54
Mauritius	−1·24	−1·51	−1·88	−4·63

The year.—Notwithstanding the raininess of the cold and hot weather seasons and of the retreating monsoon period the aggregate rainfall of 1911 in the plains of India was in defect of the normal by 3″ or 7 per cent. The major portion of the deficit occurred in July, in which month there was an almost entire absence of rainfall over the greater part of northern and central India.

TABLE 95.

Period.	Rainfall of India (when the size of areas is taken into account) in 1911.			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.
	"	"	"	
Cold weather	0·97	0·91	+0·06	+ 7
Hot "	5·01	4·53	+0·48	+11
Southwest monsoon	31·52	35·44	−3·92	−11
Retreating Southwest monsoon	4·82	4·42	+0·40	+ 9
Whole year	42·32	45·30	−2·98	− 7

In the plains outside of Burma and northeast India the shortage was almost universal and was on the whole most marked in Sind, Rajputana West and Gujarat which received less than half of their annual supply.

TABLE 96.

Sub-division.	Annual rainfall.			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.
	"	"	"	
Bay Islands	87·00	98·43	−11·43	−12
Lower Burma	123·31	122·87	+5·44	+ 4
Upper Burma	43·30	42·02	+1·28	+ 3
Assam	117·14	100·07	+17·07	+17
Eastern Bengal	100·85	85·36	+15·49	+18
Bengal	55·11	59·19	−4·08	− 7
Orissa	49·85	57·75	−7·90	−14
Chota Nagpur	54·53	53·41	+1·12	+ 2
Bihar	58·94	50·12	+8·82	+18
United Provinces, East	41·96	40·11	+1·85	+ 5
United Provinces, West	33·13	38·87	−5·74	−15
Punjab, East and North	21·63	23·77	−2·14	− 9
Punjab, Southwest	9·25	8·80	+0·45	+ 5
Kashmir	29·43	25·93	+3·50	+13
North-West Frontier Province	20·00	16·24	+3·76	+23
Baluchistan	11·17	8·33	+2·84	+34
Sind	1·03	6·63	−5·60	−84
Rajputana, West	5·84	11·81	−5·97	−51
Rajputana, East	18·29	24·51	−6·22	−25
Gujarat	13·73	35·05	−21·32	−61
Central India, West	25·80	34·52	−8·72	−25
Central India, East	44·84	45·45	−0·61	− 1
Berar	23·78	31·24	−7·46	−24
Central Provinces, West	40·42	45·63	−5·21	−11
Central Provinces, East	55·11	52·90	+2·21	+ 4
Konkan	81·50	113·15	−31·65	−28
Bombay Deccan	21·27	32·18	−10·91	−34
Hyderabad, North	24·94	35·79	−10·85	−30
Hyderabad, South	21·11	29·72	−8·61	−29
Mysore	33·94	36·25	−2·31	− 6
Malabar	114·42	128·76	−14·34	−11
Madras, Southeast	32·24	35·55	−3·31	− 9
Madras, Deccan	18·66	24·56	−5·90	−24
Madras Coast, North	36·25	40·44	−4·19	−10

Generally over the region where the precipitation occurs chiefly during the cold season the year's recorded aggregate

was above the average. In the Indian Ocean as represented by Mauritius, Seychelles and Zanzibar on the other hand the year was dry.

TABLE 97.

Station.	Annual rainfall.			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.
	"	"	"	
Zanzibar	59·09	63·30	—4·21	— 7
Seychelles	76·88	97·28	—20·40	—21
Mauritius	46·29	49·03	—2·74	— 6
Perim	3·96	2·48	+1·48	+60
Aden	1·55	2·65	—1·10	—42
Baghdad	8·70	6·95	+1·75	+25
Busrah	10·96	6·23	+4·73	+76
Bushire	14·29	11·07	+3·22	+29
Bahrein	6·21	2·47	+3·74	+151
Tehran	10·74	9·30	+1·44	+15
Ispahan	4·08	4·74	—0·66	—14
Jask	6·32	4·17	+2·15	+52
Muscat	3·98	3·94	+0·04	+ 1
Meshed	9·95	9·37	+0·58	+ 6
Chaman	10·51	6·68	+3·83	+57
Kalat	7·99	6·74	+1·25	+19
Quetta	12·61	10·02	+2·59	+26
Gilgit	3·40	5·11	—1·71	—33
Srinagar	27·58	27·24	+0·34	+ 1
Skardu	7·58	7·48	+0·10	+ 1
Sonamarg	84·86	77·84	+7·02	+ 9
Dras	24·01	21·78	+2·23	+10
Kashgar	2·01	3·28	—1·27	—39
Leh	2·59	3·26	—0·67	—21

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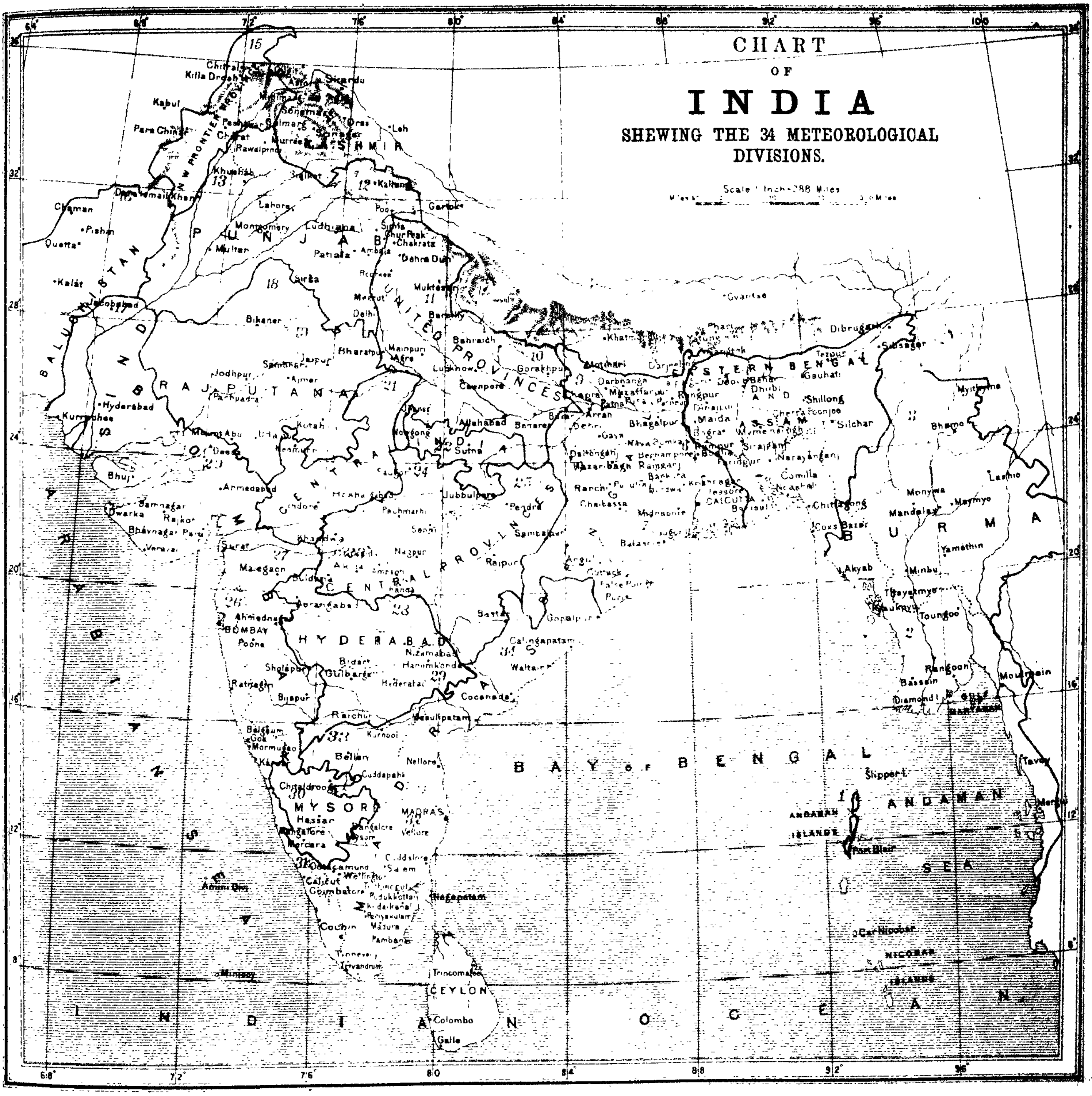

The country is divided into 34 areas as shown in the list below. The numbers in that list correspond with the red numbers on the chart, and serve to identify the areas.

1. Bay Islands
2. Lower Burma
3. Upper Burma
4. Assam
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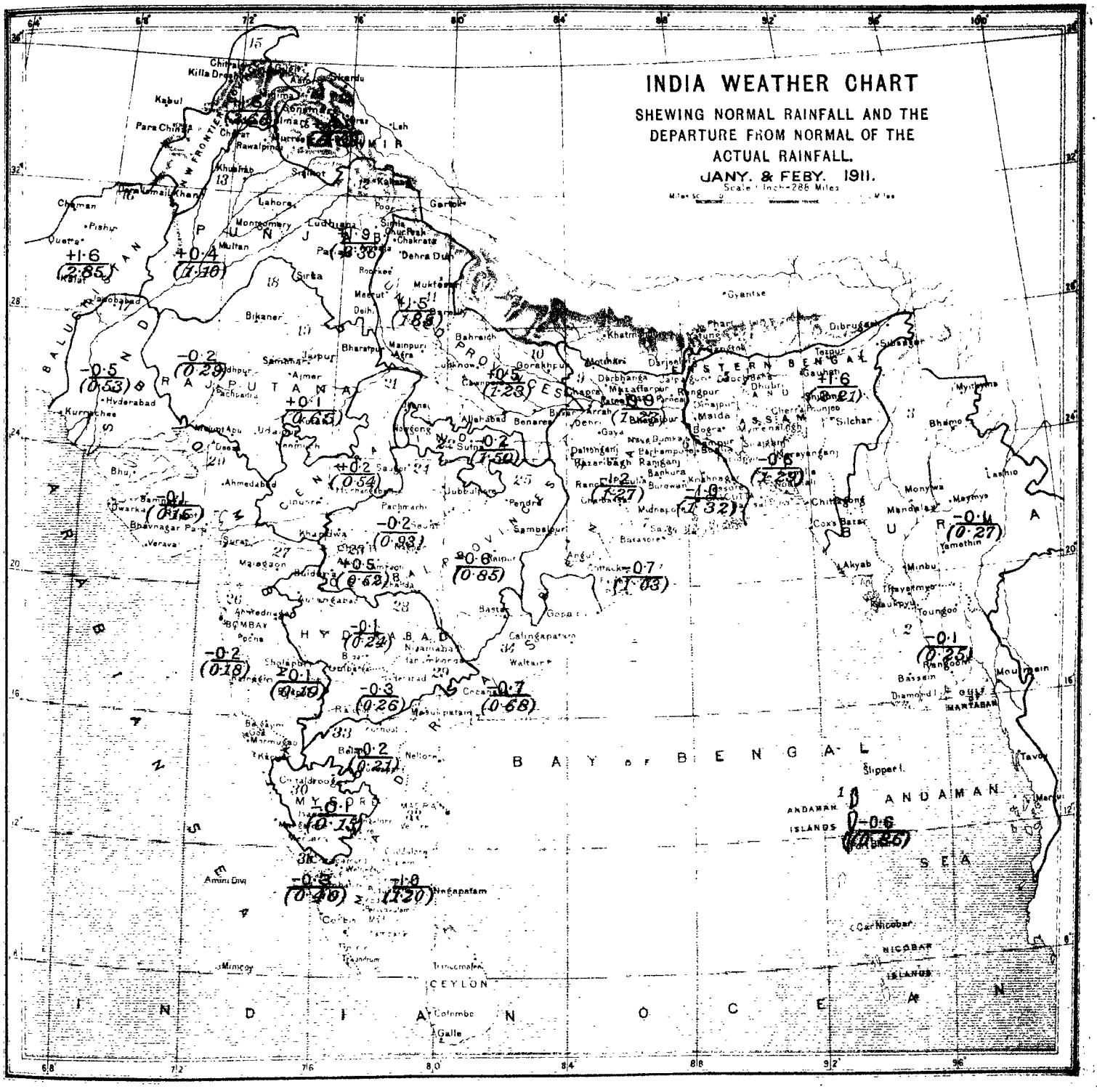
6. Bengal
7. Orissa
8. Chota Nagpur
9. Bihar
10. United Provinces, East
11. Do., West
12. Punjab, East and North
13. Do., Southwest
14. Kashmir
15. Northwest Frontier Province
16. Baluchistan
17. Sind
18. Rajputana, West
19. Rajputana, East
20. Gujarat
21. Central India, West
22. Do., East
23. Berar
24. Central Provinces, West
25. Do., East
26. Konkan
27. Bombay, Deccan
28. Hyderabad, North
29. Do., South
30. Mysore
31. Malabar
32. Madras, Southeast
33. Madras, Deccan
34. Madras Coast, North



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The country is divided into 34 areas as shewn in the list below. The numbers in that list correspond with the red numbers on the chart, and serve to identify the areas. The numbers in brackets on the chart give the average over the divisions of the normal monthly rainfall; the numbers above these give the departures from normal of the average actual rainfall over the divisions.

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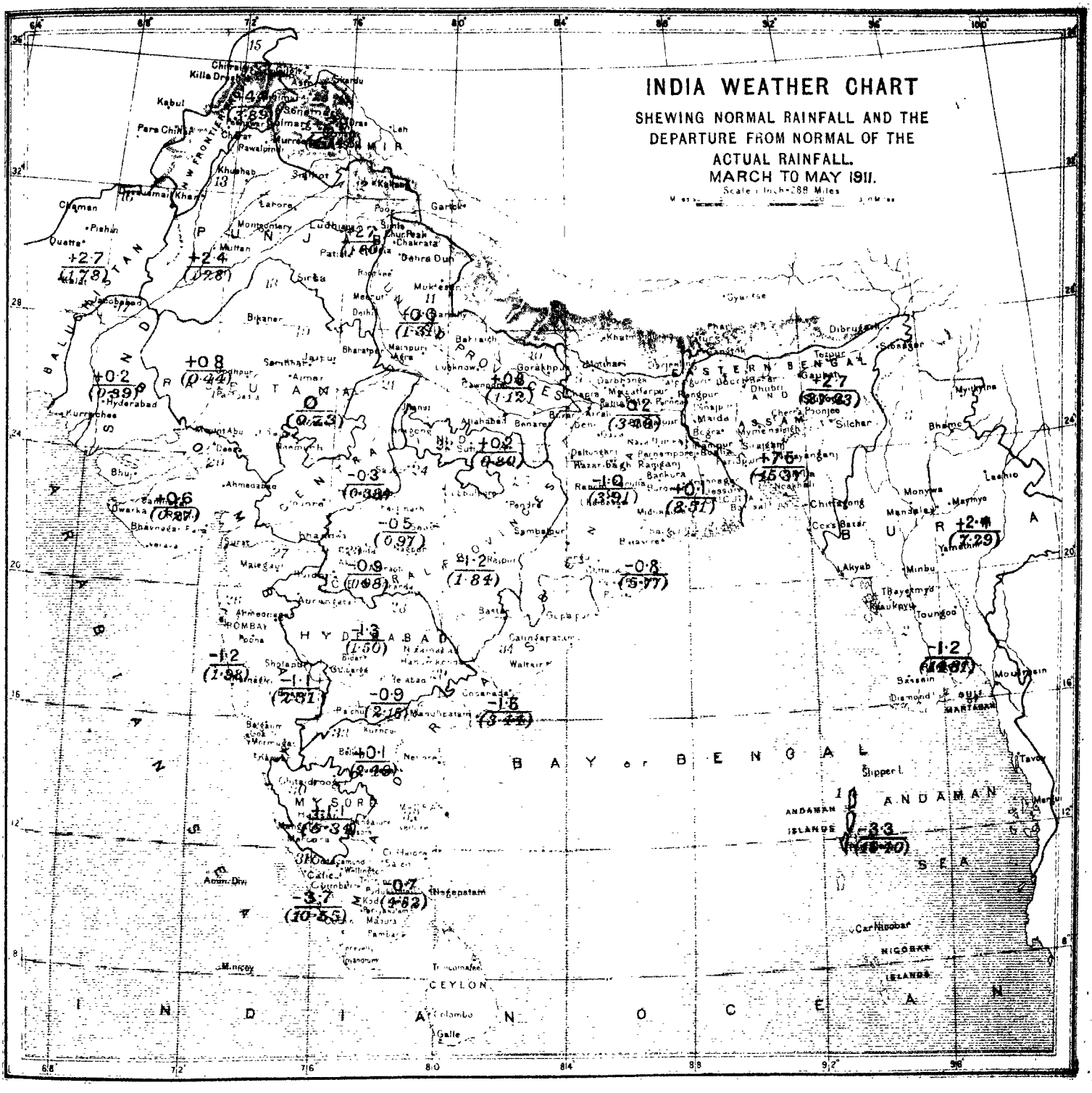

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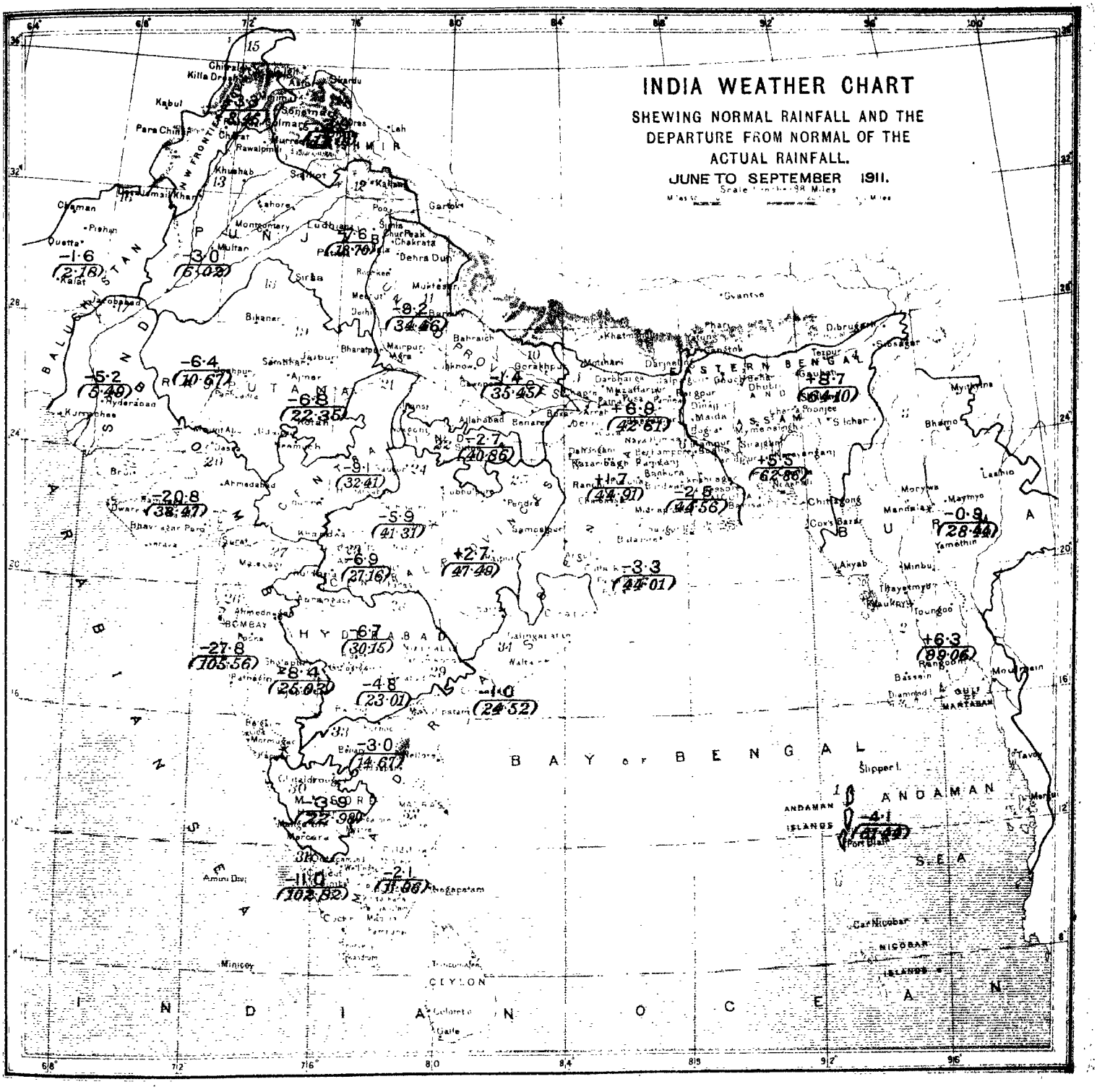

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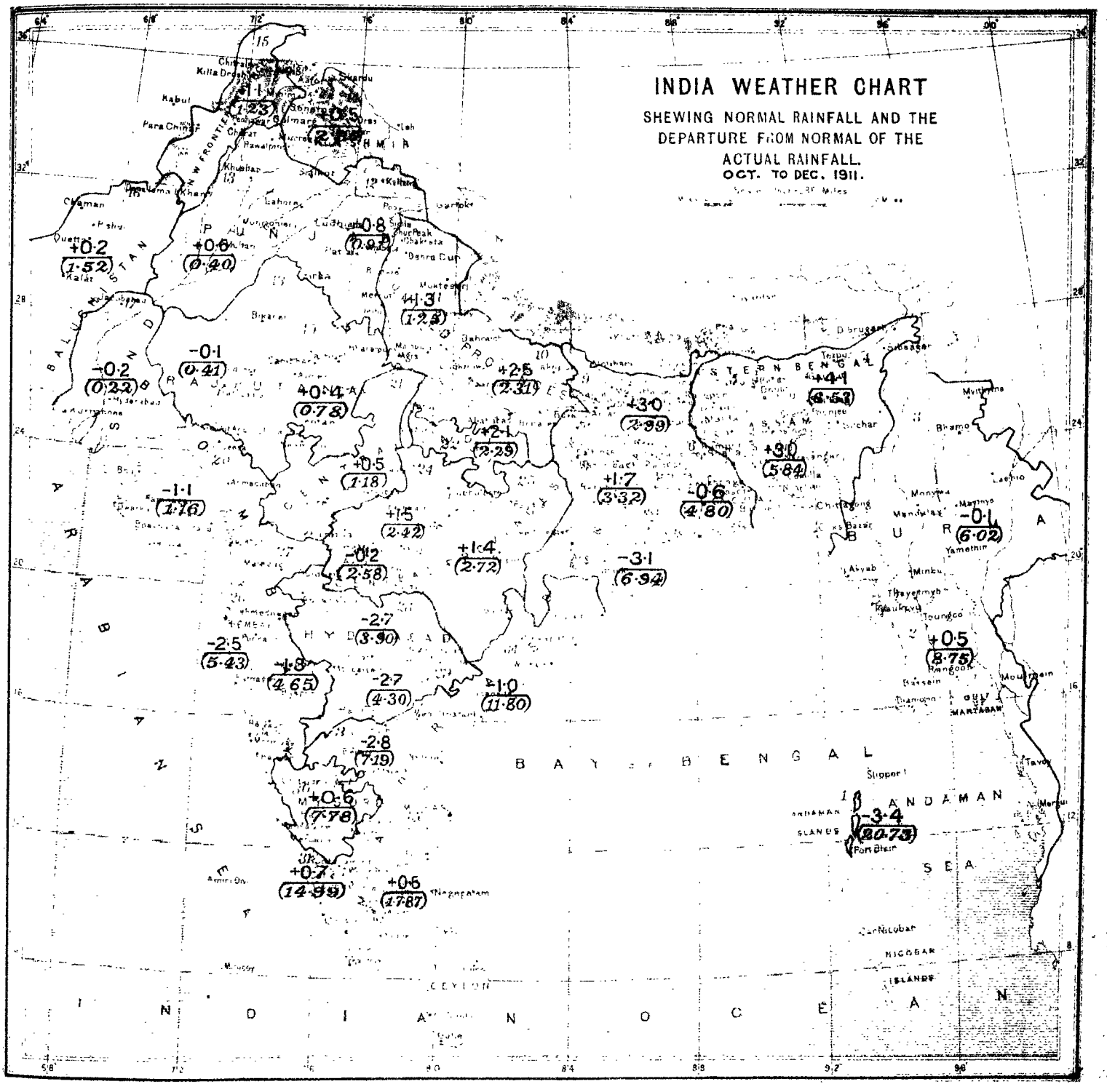

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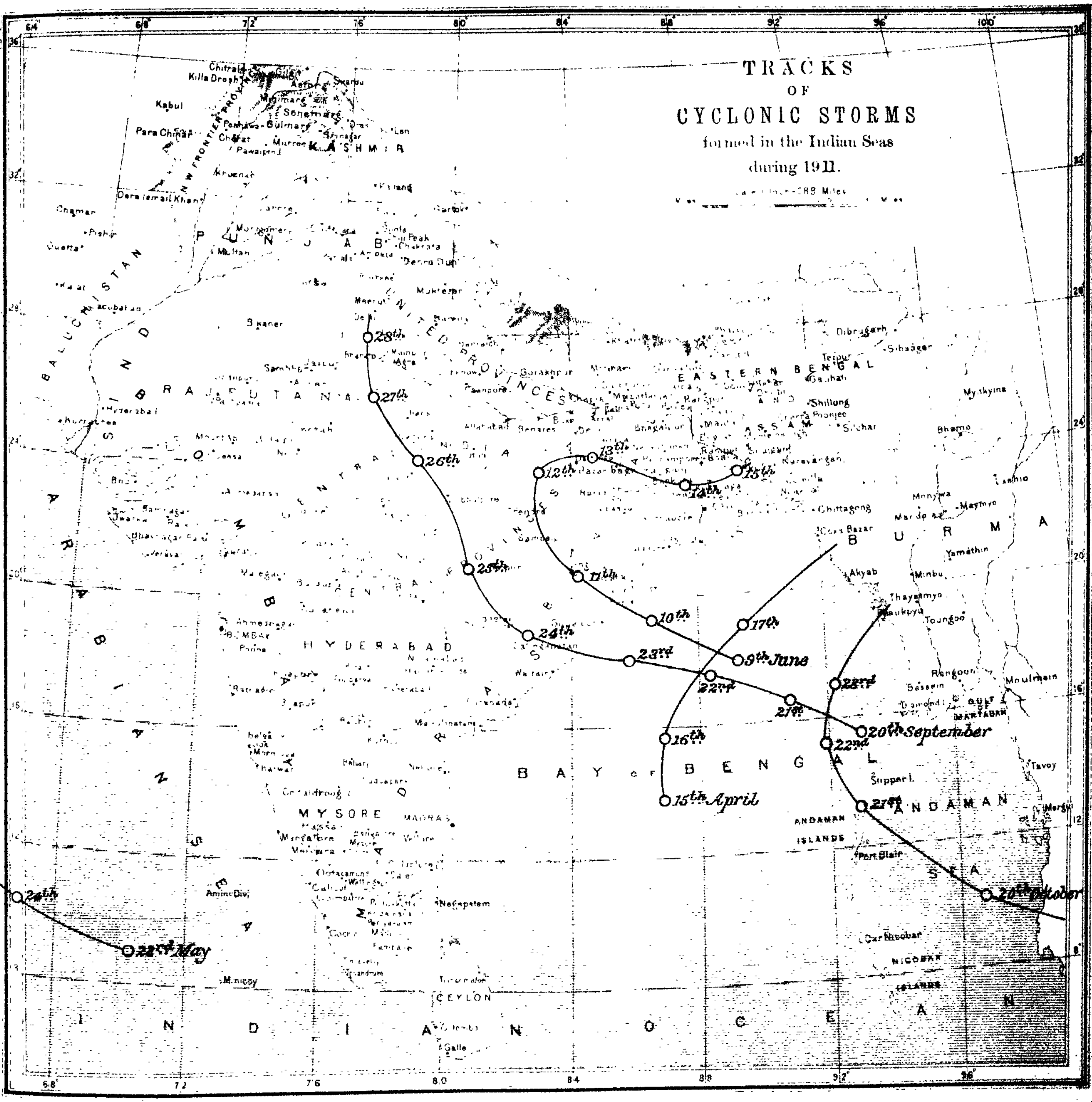

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(*This List of Publications is intended for Permanent Reference, and should be bound up with the Annual Summary*).

Publications of the India Meteorological Department.

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

PUBLICATIONS OF THE INDIA METEOROLOGICAL DEPARTMENT.

The following is a list of the more important publications of the India Meteorological Department :—

The Indian Meteorologist's *Vade Mecum*, Part I, 2nd Edition. (1883). . . . . Price Rs. 3	Henry F. Blanford.
The Indian Meteorologist's *Vade Mecum*, Part II (1877) Price Rs. 5*	Ditto.
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Handbook of Cyclonic storms in the Bay of Bengal for the use of sailors, 2nd Edition, Vol. II—Plates. (1901) . Price Rs. 1-8	Ditto.
Cyclone Memoirs, Part I—Bay of Bengal Cyclone of May 20th to 28th, 1887. (1888) . . . . . Price Re. 1*	Ditto.
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Cyclone Memoirs, Part III—Bay of Bengal Cyclones of September 13th to 20th, and October 27th to 31st, 1888, and Arabian Sea Cyclone of November 6th to 9th, 1888. (1890) . Price Rs. 5	Ditto.
Cyclone Memoirs, Part IV—An enquiry into the nature and course of storms in the Arabian Sea and a catalogue and brief history of all recorded storms in the Arabian Sea from 1848—1889. (1891) . . . . . Price Rs. 3	W. L. Dallas.
Cyclone Memoirs, Part V.—Account of three Cyclones in the Bay of Bengal and Arabian Sea during November, 1891. (1893) Price Rs. 3*	Sir John Eliot.
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Report of the Vizagapatam and Backergunge Cyclones of October, 1876. (1877) . . . . . Price Rs. 3*	Sir John Eliot.
Report on the Madras Cyclone of May, 1877 (1879) Price Rs. 3*	Ditto.
Monthly weather charts of the Bay of Bengal and adjacent sea north of the equator, showing mean pressure, winds and currents. (1886) . . . . . Price Rs. 5*	Henry F. Blanford.
Monthly weather charts of the Arabian Sea and the adjacent portion of the North Indian Ocean, showing mean pressure, winds and currents. (1888). . . . . Price Rs. 5	Sir John Eliot.
Charts of the Bay of Bengal and adjacent sea north of the equator, showing the specific gravity, temperature and currents of the sea surface. (1887) . . . . . Price Rs. 1-8	W. L. Dallas.
Climatological Atlas of India (1906). Price Rs. 27 or 36 shillings .	Sir John Eliot.
Meteorological Atlas of the Indian seas and the north Indian Ocean (1908) . . . . . Price Rs. 13 or 17 shillings 6 pence	W. L. Dallas.
Daily weather reports and charts of the Indian monsoon area for the years 1893 to 1899 . . Price, each month, Re. 1 *	Departmental.
Normal weather or pilot charts of the Indian monsoon area for 8 A.M. for each month, November, 1900, to August 1908† Price, each month, Annas 4.	Ditto.
Reports on the Meteorology of India for the years 1875—1890 (16 volumes)‡ . . . . . Price each Rs. 10	Ditto.

Indian Meteorological Memoirs, Vol. I, containing :—

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List of cyclones on the West Coast of India and in the Arabian Sea up to the end of year 1881 . . . . . Price Rs. 2.	Fred. Chambers.
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† Copies for June, August and September, 1901, and January to October, 1902, and August and September, 1903, are out of print.
‡ Copies for the years 1876, 1878 to 1881, 1884, 1887 and 1890 are out of print.

Continued on page c of this list.

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The discussion of the hourly observations made at Sibsagar, Goalpara, Patna, Hazaribagh, Dhubri, Roorkee, Allahabad, Lucknow, Agra, Leh, Deesa, Kurrachee and Lahore and at Simla. Complete in 10 parts . . Price, each part, Re. 1* — Parts I—VII, Henry F. Blanford. Parts VIII—X, Sir John Eliot.

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Part III, comprising—
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G. C. B. P., Simla—No. 284 M. R. G. I.—4-12-12.—414—C.B.C.

TABLE A.—Abstract of observations taken at 10 hrs. and 16 hrs. at 32 stations in India, etc., in January, 1911.

Table

Abstract of observations taken at 10 hrs. and 16 hrs. at

Number of subdivision.	Station.	Elevation of bar-eters above sea-level, in feet	Pressure. Mean of 10 hrs.	Mean of 16 hrs.	Mean daily range.	Mean of daily mean pressures.	Departure from normal.	Mean reduced to sea-level and gravity, 45° Lat.	Temperature of air. Mean maximum.	Mean minimum.	Mean daily range.	Highest maximum.	Lowest minimum.	Absolute range.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	Temperature, Wet-bulb. Mean minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of three previous columns.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	I.—Burma.																					
2	Rangoon . .	18	29·995	29·864	·131	29·928	—·038	29·884	87·9	65·9	22·0	90·5	61·3	29·2	77·8	88·9	74·9	+0·2	63·8	68·9	70·1	67·6
	III.—Bengal.																					
6	Calcutta . . .	21	30·022	·891	·131	·947	—·071	·913	81·7	58·7	23·0	86·5	48·0	38·5	73·4	80·0	69·2	+4·0	57·1	63·9	65·9	62·3
	IV.—United Provinces of Agra and Oudh.																					
10	Allahabad . .	309	29·723	·606	·117	·651	—·075	·925	76·5	54·8	21·7	82·4	41·0	41·4	66·4	74·9	64·0	+4·5	53·5	59·3	62·9	58·6
11	Dehra Dun . .	2,233	27·741	27·660	·081	27·690	—·050	·971	64·8	46·5	18·3	74·4	34·0	40·4	56·4	61·5	54·8	+0·2	44·9	50·8	53·7	49·8
	V.—Punjab.																					
12	Lahore . .	702	29·308	29·225	·083	29·257	—·069	·967	65·4	49·6	15·8	77·0	40·2	36·8	56·9	62·9	55·6	+2·6	48·0	53·0	56·2	52·4
	VIII.—Rajputana.																					
19	Jaipur . .	1,431	28·583	28·478	·105	28·521	—·063	·951	75·1	53·2	21·9	85·7	35·9	49·8	66·2	72·8	62·8	+2·9	50·1	56·9	59·1	55·4
	Udaipur . .	1,925	·077	27·975	·102	·017		·924	78·8	52·2	26·6	89·3	40·1	49·2	69·5	76·9	65·3		48·3	57·8	59·9	55·3
	IX.—Bombay.																					
26	Bombay . .	37	29·989	29·877	·112	29·926	—·029	·903	83·0	69·5	13·5	90·7	61·3	29·4	75·4	78·7	75·4	+0·9	64·6	68·4	70·4	67·8
	XI.—Central Provinces.																					
24	Nagpur . .	1,017	·015	28·882	·133	28·941	—·026	·930	84·4	58·0	26·4	89·3	48·6	40·7	73·6	83·0	70·4	+1·6	53·7	62·9	65·5	60·7
	XII.—Hyderabad.																					
29	Hyderabad . .	1,690	28·329	·208	·121	·263	—·028	·906	86·1	59·2	26·9	91·8	54·7	37·1	76·2	82·5	71·8	+1·4	55·1	62·8	62·9	60·3
	XIII.—Mysore.																					
30	Bangalore . .	3,021	27·025	26·910	·115	26·965	—·021	·881	82·7	57·9	24·8	87·0	52·9	34·1	73·6	80·4	69·3	+1·8	56·2	62·4	62·9	60·5
	Mysore . . .	2,518	·505	27·373	·132	27·437	—·034	·867	81·9	59·8	25·1	90·5	53·7	36·8	75·4	83·8	71·4	+0·7	57·8	64·9	65·3	62·7
	XIV.—Madras.																					
32	Pudukkottai .	318	29·697	29·552	·145	29·625		·875	88·6	68·3	20·3	94·3	62·3	32·0	80·4	86·0	78·4		66·9	70·1	69·7	68·9
	Madras . .	22	30·023	·910	·113	·959	—·037	·917	85·8	67·9	17·9	89·5	63·1	26·4	81·2	82·0	76·0	+0·7	67·0	73·6	73·4	71·3
	Bay Islands.																					
1	Port Blair . .	58	29·931	·833	·098	·883	—·019	·871	86·1	74·2	11·9	87·6	69·8	17·8	81·6	84·2	79·4	—0·8	70·7	74·0	74·7	73·1
	Kashmir.																					
14	Srinagar . .	5,204	24·956	24·887	·069	24·912	—·079	24·884	37·3	30·0	7·3	42·0	20·1	21·9	32·4	35·3	31·7	+1·0	27·8	30·3	32·8	30·3
	Leh . . .	11,503	19·600	19·528	·072	19·558	—·0	19·526	26·8	10·1	16·7	40·1	—12·0	52·1	19·8	23·1	16·4	—0·9	8·2	17·5	20·0	15·2
	Baluchistan.																					
16	Quetta . .	5,502	24·635	24·568	·067	24·591	—·072	24·551	43·0	30·0	13·0	58·7	16·1	40·6	37·6	39·9	35·8	—3·8	29·5	34·5	36·1	33·4

N.B.—Elevations in italics indicate barometric determinations.

NOTE.—The barometric readings are not reduced to sea-level, in the cases of hill or plateau stations, the elevations of which exceed 3,200 feet.

A.

32 stations in India, etc., in January, 1911.

Vapour tension in inches of mercury.					Humidity.					Cloud.				Wind direction.											Wind steadiness.		Wind velocity.		Rainfall.		Station.	Number of subdivision.
														Total number of 10 hrs. and 16 hrs. winds from																		
From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	Mean 10 hrs.	Mean 16 hrs.	Mean of two previous columns.	Departure from normal.	Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Mean wind direction.	Normal mean wind direction of month.	Average percentage.	Normal percentage.	Mean velocity in miles per diem.	Normal.	Total rainfall for the month.	Heaviest rainfall during the month.		
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	54	55	56
																															I.—Burma.	
·561	·588	·510	·570	+·002	89	62	49	71	+ 1	1·0	1·8	1·4	−0·6	34	5	7	1	1	4	3	2	5	N 8° W	N 27° E	11	36	18	91	0	0	Rangoon.	2
																															II.—Bengal.	
·449	·472	·453	·475	+·044	90	57	44	66	− 4	1·5	1·9	1·7	+0·2	1	5	5	2	1	6	6	7	29	N 55° W	N 30° W	50	44	81*	62	0·02	0·02	Calcutta.	6
																															IV.—United Provinces of Agra and Oudh.	
·398	·418	·422	·421	+·087	91	64	49	73	+ 5	3·3	3·3	3·3	+0·9	8	1	5	6	2	1	2	25	12	N 69° W	N 42° W	41	26	104	91	0·86	0·58	Allahabad.	10
·282	·307	·319	·307	+·037	88	67	59	73	+ 6	5·8	6·5	6·1	+1·8	9	1	3	3	7	4	6	16	13	S 87° W	S 66° W	31	20	39*	38	9·05	2·42	Dehra Dun.	11
																															V.—Punjab.	
·322	·356	·369	·353	+·084	89	76	64	80	+10	5·6	6·3	5·9	+2·2	8	8	7	2	4	5		8	20	N 33° W	N 30° W	27	21	67	41	2·56	0·93	Lahore.	12
																															VIII.—Rajputana.	
·328	·355	·337	·346	+·078	79	54	42	62	+ 6	4·5	4·6	4·5	+1·2	2	3	9	17	4	3	7	8	9	N 52° E	N	13	18	109*	79	0·71	0·36	Jaipur.	19
·296	·345	·314	·312		74	46	33	51		3·1	4·2	3·7		14	1	1	8	5	2	11	15	5	S 59° W		27		71		0·05	0·03	Udaipur.	
																															IX.—Bombay.	
·542	·607	·639	·614	+·023	75	69	65	74	+ 2	2·1	2·1	2·1	+1·0		2	9	14	2			8	27	N 16° W	N 6° E	43	58	200*	238	0·06	0·04	Bombay.	26
																															XI.—Central Provinces.	
·364	·445	·409	·411	+·048	75	53	37	57	+ 3	1·7	1·6	1·7	−0·3	10	6	4	18	9	3	4	5	3	S 86° E	N 72° E	27	30	58	84	1·06	1·02	Nagpur.	24
																															XII.—Hyderabad.	
·384	·405	·330	·371	−·052	77	45	31	52	− 5	2·3	1·6	1·9	+0·3	44	1	4	6	5				2	N 81° E	S 54° E	18	55	58	86	0	0	Hyderabad	29
																															XIII.—Mysore.	
·432	·435	·373	·417	+·009	90	53	36	62	0	1·0	2·0	1·5			1	13	33	8	2	2	2	1	N 87° E	N 88° E	71	78	177	127	0	0	Bangalore.	30
·457	·488	·396	·451	+·028	88	55	34	61	+ 3	2·3	3·1	2·7	−0·3		1	23	28	6		3	1		N 77° E	N 83° E	76	81	203	211	0	0	Mysore.	
																															XIV.—Madras.	
·638	·599	·511	·583		92	58	42	64		4·9	3·6	4·3		2	5	41	7	2		5			N 49° E		72		212		0·01	0·01	Pudukkottai.	32
·654	·728	·715	·717	+·032	96	68	65	79	0	3·4	2·4	2·9	−1·2		3	27	18	9	2	3			N 74° E	N 51° E	69	76	132*	137	0	0	Madras.	
																															Bay Islands.	
·701	·735	·728	·739	−·068	84	69	62	75	− 4	3·1	3·6	3·3	−0·3	27	12	17	5	1					N 37° E	N 39° E	47	76	92	156	0	0	Port Blair.	1
																															Kashmir.	
·132	·147	·159	·146	−·012	79	80	77	79†	− 5	9·3	9·3	9·3	+2·1	23	3	2		16	4	3	1	10	S 27° E	S 21° E	10	4	57	74	6·66	0·98	Srinagar.	14
·055	·083	·089	·076	+·012	71	74	69	72	+10	7·9	8·5	8·2	+1·4		2	4	6	4	20	14	10	2	S 20° W	S 13° W	45	32	24	24	0·52	0·16	Leh.	
																															Baluchistan.	
·163	·172	·175	·178	+·014	96	75	73	85	+15	5·3	6·2	5·7	+1·6	3	3		2	7	13	16	5	13	S 47° W	N 84° W	30	24	104	70	5·11	1·64	Quetta.	16

* Uncorrected for scale error.

† Mean of three previous columns.

Table

Abstract of observations taken at 10 hrs. and 16 hrs. at

Number of subdivision.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure. Mean of 10 hrs.	Pressure. Mean of 16 hrs.	Pressure. Mean daily range.	Pressure. Mean of daily mean pressures.	Pressure. Departure from normal.	Pressure. Mean reduced to sea level and gravity, 45° Lat.	Temperature of air. Mean maximum.	Temperature of air. Mean minimum.	Temperature of air. Mean daily range.	Temperature of air. Highest maximum.	Temperature of air. Lowest minimum	Temperature of air. Absolute range.	Temperature of air. Mean 10 hrs.	Temperature of air. Mean 16 hrs.	Temperature of air. Mean of daily means.	Temperature of air. Departure from normal.	Temperature, Wet-bulb. Mean minimum.	Temperature, Wet-bulb. Mean 10 hrs.	Temperature, Wet-bulb. Mean 16 hrs.	Temperature, Wet-bulb. Mean of three previous columns.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	Hill Stations excluding Kashmir and Baluchistan.																					
	Simla . . .	7,238	23·104	23·050	·054	23·067	−·031	23·029	45·7	35·8	9·9	60·2	23·3	36·9	42·5	41·5	40·1	+1·3	31·4§	36·0	36·4	34·6
	Sarain . .		·166	·105	·061	·123		·086	41·9	29·1	12·8	59·1	17·3	41·8	36·0	35·9	34·8			33·8	34·6	
	Kalabagh . .										Observations not received.											
	Chakrata . .	7,022	23·286	23·241	·045	23·250	−·039	23·210	48·7	35·2	13·5	73·3	22·1	51·2	44·2	43·3	41·3	+1·4	31·4	38·7	38·5	36·2
	Muktesar . .	7,592	22·861	22·790	·071	22·815		22·773	49·5	36·4	13·1	63·0	22·6	40·4	44·4	45·9	42·2		30·7	37·5	39·0	35·7
	Katmandu . .	4,388	25·709	25·590	·119	25·643	−·044†	25·598	62·8	41·6	21·2	70·1	32·2	37·9	48·7	60·3	51·5	+1·9†	39·9	46·2	51·7	45·9
	Darjiling . .	7,376	22·989	22·907	·082	22·942	−·069	22·897	48·1	37·9	10·2	56·7	27·6	29·1	44·2	44·6	42·3	+2·2	36·7	41·7	42·3	40·2
	Pachmarhi .	3,528	26·547	26·417	·130	26·476	−·051	26·423	73·2	52·5	20·7	79·0	44·1	34·9	61·7	69·8	62·1	+3·4	48·3	54·1§	57·7	53·4
	Mount Abu . .	3,945	·110	·041	·069	·067	−·048	·017	65·3	52·4	12·9	75·4	38·0	37·4	62·0	62·2	58·2	0	43·5	49·9	50·3	47·9
	Chikalda . .	3,642	·430	·323	·107	·369	−·068	·313	74·6	56·8	17·8	79·7	45·0	34·7	66·0	71·4	65·0	+1·0	51·6	57·9	59·8	56·4
	Ootacamund .	7,327	23·094	23·023	·071	23·053		22·989	66·8	44·8	22·0	70·1	37·3	32·8	62·6	61·4	55·1		38·9	47·5	48·8	45·1
	Kodaikanal . .	7,688							Observations not received.													
	Dodabetta . .	8,539	22·100	22·032	·068	22·060		21·997	59·7	44·8	14·9	63·5	41·7	21·8	55·8	54·4	51·6		36·8	43·6	45·3	41·9
	Extra India.																					
	Minicoy . .	7	29·988	29·904	·084	29·949																
	Zanzibar . .	72	29·884	29·773	·111	29·832	−·022	29·829	86·9	80·4	6·5	90·8	76·8	14·0	82·8	86·3	83·5	+1·6	73·9	77·1	77·0	76·0
	Diego Garcia .								Observations not received.													
	Seychelles . .	15	29·947	29·854	·093	29·912	−·013†	29·850	83·1	76·2	6·9	85·3	73·0	12·3	80·7	81·8	78·4	−0·1†	71·6	76·2	76·3	74·7
	Mauritius . .	181							Observations not received.													

N.B.—Elevations in italics indicate Barometric determinations.

NOTE—The barometric readings are not reduced to sea-level, in the cases of hill or plateau stations, the elevations of which exceed 3,200 feet.

A—*concluded.*

32 stations in India, etc., in January, 1911—concluded.

Vapour tension, in inches of mercury.					Humidity.					Cloud.				Wind direction.											Wind steadiness.		Wind velocity		Rainfall.		Station.	Number of subdivisions
														Total number of 10 hrs and 16 hrs. winds from																		
From minimum.	Mean 10 hrs	Mean 16 hrs.	Mean of daily means.	Departure from normal.	From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	Mean 10 hrs.	Mean 16 hrs.	Mean of two previous columns.	Departure from normal.	Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Mean wind direction.	Normal mean wind direction of month.	Average percentage.	Normal percentage.	Mean velocity in miles per diem.	Normal.	Total rainfall for the month.	Heaviest rainfall during the month.		
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	54	55	56
																															Hill Stations excluding Kashmir and Baluchistan.	
·133§	·145	·165	·156	+·005	67§	57	66	67	+ 6	6·8	8·1	7·5	+1·9																10·04	2·56	Simla.	
	·174	·190§				83	90§			7·0	8·8	7·9		35	2	2	1	1	10	8	3		S 23° W		23		31		17·28	3·70	Sarain.	
						Observations not received.																									Kalabagh.	
·140	·180	·188	·177	+·015	68	65	70	72	+ 6	5·6	7·1	6·3	+1·7	6	30			15	9	1	1		N 43° E	S 51° W	21	6	122	137	16·35	2·89	Chakrata.	
·117	·153	·170	·155		60	57	60	63		6·1	6·8	6·5		10		3	9	3	3	3	30	1	S 78° W		32		272		5·48	1·17	Muktesar.	
·230	·286	·287	·276	+·023	87	83	56	79	+ 2	3·6	4·2	3·9	+0·5	19			10		2	2	29		S 86° W	N 73° W	34	46	11*	21	2·65	1·09	Katmandu.	
·207	·239	·249	·240	+·030	91	83	81	90	+ 5	8·4	8·6	8·5	+2·8	39		2		2		2	14	3	N 87° W	N 81° W	24	20	43	89	1·09	0·90	Darjiling.	
·295	·337§	·340	·331	+·038	74	62§	48	69	+ 6	0·3	0·5	0·4	−2·0	9	10	3	1	4	4	15	10	6	S 87° W	N 75° W	31	16	104	84	0·19	0·14	Pachmarhi.	
·191	·231	·239	·227	+·020	46	41	41	51	+ 2	4·7	5·2	4·9	+2·5		1			7	11	18	10	15	S 59° W	N 61° W	50	12	133‖	125	0·15	0·09	Mount Abu.	
·329	·391	·383	·375	+·061	71	61	51	69	+11	2·2	2·2	2·2	+0·2	34				16				3	S 45° E	S 44° W	25	21	¶ 117	132	1·63	1·49	Chikalda. ‡	
·178	·176	·218	·200		61	32	41	45		2·4	3·5	2·9		4	5	8	20	14	8		1	2	S 80° E		55		144		0·19	0·19	Ootacamund.	
						Observations not received.																									Kodaikanal.	
·142	·166	·213	·174		47	39	51	45		3·8	4·1	3·9			6	14	24	13	1		1	3	N 79° E		64		436		0·26	0·26	Dodabetta.	
																															Extra India.	
										3·7	3·6	3·7			28	25	5	1				3	N 24° E		34		100		0·38	0·48	Minicoy.	
·749	·853	·800	·811	−·051	73	76	64	72	− 5	6·0	4·8	5·4	+0·7	1	21	29	6	1		2	2		N 31° E	N 33° E	74	70	174§	187	0·54	0·44	Zanzibar.	
						Observations not received.																									Diego Garcia.	
·711	·851	·837	·818	−·015	79	81	77	82	− 2	6·3	7·1	6·7	−0·3†	23	12	2	1			1	3	20	N 31° W	N 39° W	50	61	105*	147	11·21	3·88	Seychelles.	
						Observations not received.																									Mauritius	

* Uncorrected for scale error.

§ Mean of 30 days.
‖ " " 20 "
¶ " " 26 "

† Departures from old normal.

‡ Wind observations less 9.

Table B.—Abstract of observations taken at 8 hrs. at 239 stations in India, etc., in January, 1911.

(1) Provincial means.

(2) Data of stations.

(1) Provincial means based on the material in Table B (2) except that the statement of rainfall depends on the complete data of about 2,000 stations.

	Pressure departure from normal.	Temperature of air.								Wind.		Hygrometry.				Cloud.		Rainfall.		
		Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Absolute range during month.	Departure of velocity from normal.	Departure of steadiness from normal.	Mean humidity.	Departure from normal.	Mean vapour tension.	Departure from normal.	Mean cloud amount.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.
urma	—·039	83·3	—0·5	59·5	+1·1	71·4	+0·3	23·8	33·5	+0·2	—11	86	+ 3	·525	+·020	2·5	+0·5	0·10	0·08	+0·02
astern Bengal and Assam	—·065	76·8	+1·2	55·2	+2·8	66·0	+2·0	21·6	35·1	—0·5	— 9	90	— 1	·461	+·036	3·2	+1·1	1·83	0·61	+1·22
engal	—·063	79·5	+2·7	56·3	+3·2	67·9	+3·0	23·2	38·5	+0·7	+ 2	79	0	·432	+·040	2·1	+0·6	0·17	0·50	—0·33
nited Provinces of Agra and Oudh.	—·065	72·4	0	51·7	+4·6	62·0	+2·3	20·6	39·3	+0·9	— 8	84	+ 5	·380	+·075	3·7	+1·2	2·43	0·86	+1·57
unjab	—·060	65·2	—2·8	47·6	+4·8	56·4	+1·0	17·6	37·4	+1·1	+ 2	88	+10	·330	+·075	5·7	+2·1	3·42	1·13	+2·29
orth-West Frontier Province	—·073	60·3	—5·9	43·3	+3·3	51·8	—1·3	17·1	35·8	—0·1	+ 3	83	+13	·269	+·065	6·1	+2·1	3·83	1·35	+2·48
nd	—·050	71·0	—4·3	52·0	+1·4	61·5	—1·5	19·1	42·6	+1·0	+ 6	67	+ 4	·303	+·035	4·5	+1·4	0·06	0·28	—0·22
ajputana	—·060	76·0	+2·0	52·3	+4·7	64·1	+3·4	23·7	47·5	+1·6	— 6	67	+ 8	·319	+·061	4·4	+2·0	0·57	0·33	+0·24
ombay	—·038	84·2	+0·3	59·9	+1·5	72·1	+0·9	24·3	41·3	—0·4	— 9	66	+ 4	·428	+·022	1·9	+0·8	0·07	0·09	—0·02
entral India	—·059	79·3	+2·5	54·4	+6·1	66·9	+4·3	25·0	46·4	—0·4	— 5	73	+ 7	·382	+·085	3·3	+1·7	0·89	0·46	+0·43
entral Provinces	—·041	82·5	+1·4	56·8	+3·7	69·6	+2·5	25·8	41·9	—0·1	—10	68	+ 6	·390	+·067	1·9	+0·6	0·70	0·41	+0·29
yderabad	—·029	86·2	+0·7	60·4	+0·9	73·3	+0·8	25·8	37·6	—1·3	+13	60	— 1	·409	—·022	2·3	+0·7	0·07	0·08	—0·01
ysore	—·022	83·9	+1·5	58·8	+0·9	71·3	+1·3	25·1	34·2	+0·7	—13	73	+ 3	·474	+·013	2·5	0	0·02	0·06	—0·04
adras	—·032	86·6	+1·3	67·0	+0·5	76·8	+0·9	19·7	29·2	+0·5	+ 1	77	— 1	·617	+·001	3·0	+0·6	0·08	0·44	—0·36

Tabl

(2) Abstract of observations taken at 8 hrs. at 23

Number of subdivision.	Station.	Elevation of barometer above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	I.—Burma.																						
2	Victoria Point	97?																					
	Mergui	65	29·908	—·039	29·901	30·019	5th	29·797	29th	·222	73·9	87·6	—0·5	65·8	—1·1	76·7	—0·8	21·8	90·6	23rd	59·9	7th	30·7
	Tavoy	19	29·974	—·028	29·926	30·079	5th	29·867	29th	·212	67·2	88·5	—1·0	63·3	—0·9	75·9	—0·9	25·2	90·0	5 days	58·8	29th	31·2
	Moulmein	94	29·916	—·017?	29·850	30·018	5th	29·774	29th	·244	68·4	88·5	+0·1?	65·0	—0·2	76·7	—0·1?	23·5	91·0	10th	61·3	1st	29·7
	Rangoon	18	29·981	—·036	29·957	30·096	5th	29·822	29th	·274	68·3	87·9	—1·2	65·7	+1·5	76·8	+0·1	22·2	90·6	8th & 9th	61·4	12th	29·2
	Bassein	27?	29·978	—·024	29·942	30·099	5th	29·827	29th	·272	66·7	85·4	—0·3	63·2	+1·5	74·3	+0·6	22·2	88·2	17th	58·9	31st	29·3
	Diamond Island	41	29·954	—·033	29·930	30·065	5th	29·802	29th	·263	77·0	82·8	—1·2	70·0	—1·0	76·4	—1·1	12·8	85·9	9th	68·2	2nd & 15th.	17·7
	Toungoo	164	29·831	—·031	29·944	29·955	5th	29·651	28th	·304	63·5	84·1	—1·2	55·7	+1·1	71·4	—0·1	25·4	87·0	21st	51·4	31st	35·6
	Kyaukpyu	18	29·976		29·934	30·089	5th	29·797	28th	·292	68·5	79·2		63·3		71·2		15·9	84·0	22rd	59·4	1st, 2nd & 3rd.	24·8
	Akyab	20	29·982	—·052	29·944	30·112	5th	29·759	28th	·353	63·2	79·8	—1·6	60·4	+1·1	70·1	—0·3	19·4	83·4	9th & 10th.	53·0	30th	30·4
3	Thayetmyo	121	29·883	—·037	29·850	30·039	5th	29·686	25th	·353	64·8	87·3	+1·4	54·4	+0·9	70·9	+1·1	32·9	90·5	4 days	47·9	30th	42·6
	Minbu	*165*	29·832	—·055	29·847	29·990	4th	29·612	28th	·378	63·4	86·0	+0·3	58·0	+1·9	72·0	+1·1	28·0	91·3	26th	50·5	30th	40·8
	Yamethin	657	29·304	—·058	29·938	29·447	4th	29·110	29th	·337	62·1	86·3	—0·9	56·7	+2·1	71·5	+0·6	29·6	91·8	18th	51·0	31st	40·8
	Mandalay	250	29·748	—·035	29·957	29·911	4th	29·514	28th	·397	62·4	87·1	+3·0	58·1	+2·1	72·6	+2·5	29·0	92·0	20th	49·6	30th	42·4
	Monywa	*280*	29·742		29·965	29·901	4th	29·443	28th	·458	61·6	82·8		58·2		70·5		24·6	88·3	29th	48·6	31st	39·7
	Lashio	*2,820*	27·162?	—·059?	30·010?	27·315	5th	26·902	28th	·413	52·0	73·7	—1·4	47·1	+2·1	60·4	+0·3	26·6	76·8	28th	40·0	30th	36·8
	Bhamo	*381*	29·628	—·032?	29·906	29·815	5th	29·334	28th	·481	55·6	74·9	—2·3	51·6	+3·1	63·3	+0·4	23·3	79·9	17th	45·1	7th	34·8
	Myitkyina	458	29·515		29·558	29·710	6th	29·218	28th	·492	55·3	73·9		51·9		62·9		22·0	78·7	15th	45·0	5th & 8th	33·7
	II.—Eastern Bengal and Assam.																						
4	Dibrugarh	353	29·657		29·993	29·840	4th	29·320	28th	·520	56·0	71·8		53·3		62·5		18·5	76·4	9th	45·6	29th	30·8
	Sibsagar	333	29·696	—·073	30·007	29·892	4th	29·369	28th	·523	56·6	70·4	+0·3	53·0	+3·5	61·7	+1·9	17·4	74·6	15th	46·0	31st	28·6
	Tezpur	252	29·771		29·996	29·858	4th	29·426	28th	·532	57·6	74·4		55·9		65·1		18·5	78·1	15th, 16th & 19th.	46·4	29th	31·7
	Gauhati	195	29·824		29·986	29·991	8th	29·510	28th	·481	57·4	75·8		53·8		64·8		22·0	79·8	16th, 17th & 19th.	41·6	29th	38·2
	Dhubri	115	29·895	—·069	29·970	30·061	8th	29·594	28th	·467	59·4	75·0	+1·0	56·5	+3·4	65·7	+2·2	18·5	79·5	16th, 17th & 25th.	47·6	29th	31·9
	Silchar	104	29·926	—·054	29·988	30·068	6th & 8th.	29·656	28th	·412	58·8	78·2	+0·4	54·3	+2·0	66·2	+1·2	23·9	82·8	5th, 7th & 17th.	45·8	29th	37·0
5	Cox's Bazar	36	29·976		29·957	30·092	8th	29·759	28th	·333	63·6	80·0		57·6		68·8		22·4	84·2	17th	49·2	29th	35·0
	Chittagong	87	29·923	—·053	29·959	30·056	5th & 8th.	29·722	28th	·334	61·1	79·2	+0·9	56·7	+1·4	68·0	+1·1	22·5	82·5	7th	48·0	29th & 30th.	34·5
	Noakhali	43	29·968		29·960	30·120	8th	29·771	28th	·349	61·4	78·7		57·2		67·9		21·5	81·8	20th & 27th.	48·4	29th	33·4
	Barisal	12	29·989?	—·068?	29·949?	30·149	8th	29·802	28th	·347	63·9	79·7	+2·1	57·3	+2·9	68·5	+2·5	22·4	84·3	27th	47·6	29th	36·7
	Comilla	36	29·977		29·962	30·125	8th	29·771	28th	·354	62·5	79·7		57·0		68·4		22·7	83·3	17th, 21st & 27th.	48·3	29th	35·0
	Narayanganj	26	29·981	—·061	29·957	30·145	8th	29·773	28th	·372	62·5	79·0	+1·1	58·2	+3·0	68·6	+2·1	20·8	83·5	27th	48·8	29th	34·7
	Faridpur	46	29·974†		29·972†	30·130	8th	29·795	27th	·335	61·3§	79·1§		55·3§		67·3§		24·1	84·3	27th	43·9	29th	40·4
	Sirajganj	49	29·960		29·961	30·121	8th	29·748	28th	·373	59·0	77·4		55·6		66·3		21·8	83·4	27th	44·3	29th	39·1
	Mymensingh	63	29·958	—·056	29·975	30·122	8th	29·728	28th	·394	61·8	77·6	+2·6	56·6	+4·1	67·1	+3·3	21·0	82·1	27th	46·6	29th	35·5
	Bogra	75	29·933	—·060	29·963	30·116	8th	29·682	28th	·434	59·3	77·7	+1·6	54·5	+2·6	66·1	+2·1	23·2	81·7	20th & 26th.	45·7	29th	36·0
	Rampur Boalia	70	29·946		29·969	30·119	8th	29·719	28th	·400	60·7	77·3		54·5		66·3		23·4	84·1	27th	45·1	29th	39·0
	Malda	72	29·929†		29·956†	30·081	5th	29·662	28th	·429	59·5	76·0		52·3		64·1		23·7	80·3	4 days	45·0	29th	35·3
	Dinajpur	123	29·872	—·074	29·957	30·052	5th	29·584	28th	·468	56·0	76·9	+1·2	52·1	+2·7	64·5	+1·9	24·8	81·3	26th	42·0	29th	39·3
	Rangpur	123	29·874‡		29·959‡	30·046	5th	29·592	28th	·454	59·3	75·6		52·6		64·1		23·0	79·6	26th & 27th.	42·4	29th	37·2

† Mean of 20 days.
‡ " " 29 "

N.B.—Elevations in italics indicate barometrical determinations.
NOTE.—The barometric readings are not reduced to sea-level, in the cases of hill or plateau

B.

stations in India, etc., in January, 1911.

Wind direction. Number of winds from: Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Resultant direction.	Normal direction.	Wind velocity. Mean velocity, miles per hour.	Normal.	Departure from normal.	Wind steadiness. Actual percentage.	Departure from normal.	Hygrometry, 8 hrs. Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs., in inches of mercury.	Departure from normal, in inches of mercury.	Cloud. Mean cloud amount at 8 hrs.	Departure from normal.	Rainfall. Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st Dec. 1910, to 31st January 1911.	Normal rainfall for period, 1st Dec. to 31st January.	Departure from normal of period 1st Dec. 1910, to 31st January, 1911.	Heaviest rainfall during month.	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	54	55	56	57
																																I.—Burma.
	3	16	10	1				1	N 56° E					82						4·4												
25	4	1		1					N 19° E	S 4° W	9·6	2·0	+7·6	13	+ 2	85	+ 4	·691	—·016	0·4	—2·6	0	1·40	—1·40	0	0·91	— 0·91	1·61	1·29	+ 0·32	0	Victoria Point. Mergui.
31									(a)	N 9° W	1·0*	1·2	—0·2			93	+ 6	·620	—·025	2·3	+0·3	0	0·20	—0·20	0	0·21	— 0·21	1·05	0·27	+ 0·78	0	Tavoy.
1	6	13	10		1				N 54° E	N 48° E	3·9	2·4	+1·5	76	+15	89	+ 4	·620	+ ·018	1·9	+0·6	0	0·40	—0·40	0	0·36	— 0·36	0·04	0·41	— 0·37	0	Moulmein.
16	2	11			1			1	N 37° E	N 29° E	1·5	3·8	—2·3	37	+ 5	83	0	·577	+ ·009	1·6	+0·1	0	0·20	—0·20	0	0·12	— 0·12	0	0·21	— 0·21	0	Rangoon.
31									(a)	N 2° W	3·9	3·6	+0·3			89	+ 2	·587	+ ·010	0·8	—1·0	0	0·10	—0·10	0	0·14	— 0·14	0·01	0·27	— 0·26	0	Bassein.
3	5	13	3			1	1	5	N 22° E	N 14° E	9·0	7·9	+1·1	59	—22	71	— 2	·659	+ ·006	2·2	—0·1	0	0·44	—0·44	0·02	0·21	— 0·19	0·35	0·91	— 0·56	0·02	Diamond Island.
25	4	1						1	N	N 9° W	1·3	1·7	—0·4	17	—48	90	+ 2	·528	+ ·027	1·0	—0·1	0	0·20	—0·20	0	0·08	— 0·08	0	0·25	— 0·25	0	Toungoo.
4	3	9	6	4	3			2	N 70° E		3·5*			49		85		·597		0·7		1			0·16			0·16			0·16	Kyaukpyu.
4	7	16	2			1		1	N 33° E	N 21° E	3·3 *§	2·8	+0·5	72	—15	91	+ 4	·524	+ ·030	2·8	+2·1	0	0·10	—0·10	0·08	0·06	+ 0·02	0·08	0·76	— 0·68	0·08	Akyab.
1	3	9	5	1	3	4	4	1	N 52° E	N 11° E	2·9	2·8	+0·1	20	—16	80	+ 6	·483	+ ·071	0·7	+0·1	0	0·10	—0·10	0	0·02	— 0·02	0	0·17	— 0·17	0	Thayetmyo.
4	2			2	2	3	2	10	N 60° W	N 52° W	1·9	5·8	—3·9	53	+ 5	75	+ 1	·437	+ ·012	0·9	+0·2	0	0·10	—0·10	0	0	0	0	0·63	— 0·63	0	Minbu.
16	2			5	1	1		6	N 52° W	N 11° W	2·0	2·4	—0·4	3	—23	86	+ 9	·481	+ ·052	1·1	+0·6	0	0·20	—0·20	0	0·08	— 0·08	0	0·57	— 0·57	0	Yamethin.
15	1	3		4	1	1	3	3	N 52° W	N 13° E	2·8	2·1	+0·7	2	—10	81	— 2	·449	—·010?	3·0	+1·9	0	0·10	—0·10	0	0·05	— 0·05	0	0·34	— 0·34	0	Mandalay.
14	8	1		1				7	N 15° W		2·6			43		86		·490		2·1		0	0	0	0	0	0	0	0·15	— 0·15	0	Monywa.
27	1	1	1			1			N 45° E		2·7*			3		91	+ 1	·353	+ ·015	4·1	—0·4	1			0·13	0·39	— 0·26	0·13	1·05	— 0·92	0·13	Lashio.
31									(a)	N 18° W	1·2	2·6	—1·4			98	+ 5	·437	+ ·054	8·5	+5·4	2	1·20	+0·80	0·38	0·72	— 0·38	0·36	1·14	— 0·78	0·13	Bhamo.
31									(a)		1·1					86		·389		6·1		5			2·01	0·65	+ 1·36	2·01	1·20	+ 0·81	0·91	Myitkyina.
																																II.—Eastern Bengal and Assam.
27		1	1	2					S 77° E		1·0			10		96		·431		4·4		4	4·00	0	2·51	1·57	+ 0·97	4·15	2·33	+ 1·82	1·10	Dibrugarh.
17	4	3		4	1	1		1	N 56° E	N 82° E	1·4	1·8	—0·4	10	—13	99	0	·458	+ ·054	9·5	+4·1	6	3·70	+2·30	3·40	1·31	+ 2·09	3·46	1·83	+ 1·58	0·96	Sibsagar.
31									(a)		3·4					91		·436		2·6		3	1·80	+1·20	2·16	0·65	+ 1·51	2·16	1·08	+ 1·08	1·13	Tezpur.
28					2		1		S 27° W		1·9			7		93		·444		7·3		2	1·70	+0·30	1·46	0·61	+ 0·82	1·46	0·88	+ 0·58	0·84	Gauhati.
4	2	13	8	1	1	1	1		N 62° E	N 55° E	3·7	3·8	—0·1	59	+20	89	— 2	·459	+ ·050	1·3	—0·6	1	0·90	+0·10	0·51	0·43	+ 0·08	0·51	0·50	+ 0·01	0·48	Dhubri.
22		7	2						N 54° E	S 72° E	1·4	1·7	—0·3	27	+21	91	0	·460	+ ·029	1·5	—2·0	4	1·90	+2·10	5·58	0·72	+ 4·86	5·58	1·18	+ 4·40	3·94	Silchar.
4	3	6	9	2		2	2	1	N 60° E		2·9			42		87		·517		1·0		1			0·26			0·26			0·26	Cox's Bazar.
4	1	16	4	5			1		N 64° E	N 28° E	2·9	3·1	—0·2	66	+11	91	+ 3	·486	+ ·026	1·7	+0·6	1	0·68	+0·32	0·34	0·30	+ 0·04	0·34	1·15	— 0·81	0·34	Chittagong.
10	14	3	2	1		1			N 15° E		2·6			52		92		·500		2·9		0	0·97	—0·97	0·07	0·44	— 0·37	0·07	0·82	— 0·75	0·07	Noakhali.
25	1	1			2	1		1	S 67° W	N 4° E	0·8	1·7	—0·9	2	— 9	85	— 2	·504	+ ·035	2·1	+1·3	0	1·00	—1·00	0·01	0·67	— 0·66	0·01	1·27	— 1·26	0·01	Barisal.
29				1	1				S 27° E		1·0			6		90		·516		3·5		2	1·29	+0·71	1·19	0·54	+ 0·65	1·19	0·76	+ 0·43	0·98	Comilla.
18	2			2	2	1	2	4	N 80° W	N 10° W	1·6†	2·3	—0·7	13	—26	85	— 2	·461	+ ·015	1·4	+0·1	1	1·00	0	0·60	0·38	+ 0·22	0·60	0·54	+ 0·06	0·60	Narayanganj.
22	1				3	2		3	S 72° W		1·4			10		87§		·479§		1·5		0	0·97	—0·97	0	0·49	— 0·49	0	0·57	— 0·57	0	Faridpur.
13	2	4	2	1	1	3	2	3	N 18° W		2·0*			10		90		·450		4·1		0	1·07	—1·07	0·01	0·47	— 0·46	0·01	0·58	— 0·57	0·01	Sirajganj.
26			2	1	1		1		S 45° E	N 54° E	0·6	1·3	—0·7	10	—19	86	— 5	·476	+ ·056	7·6	+6·1?	2	1·00	+1·00	0·48	0·50	— 0·02	0·48	0·55	— 0·07	0·33	Mymensingh.
28					2	1			S 15° W	N 18° W	1·1	1·7	—0·6	10	—24	79	— 6	·409	+ ·013	2·7	+1·5	0	1·06	—1·06	0	0·57	— 0·57	0	0·59	— 0·59	0	Bogra.
0						1			S 45° W		0·2			3		86		·463		0·8		0	0·85	—0·85	0	0·35	— 0·35	0	0·41	— 0·41	0	Rampur Boalia.
7	1	3				5	3	12	N 51° W		3·3*			42		90		·458		0·8		0	0·97	—0·97	0	0·68	— 0·68	0	0·92	— 0·92	0	Malda.
0		3	1			2	5		N 78° W	N 61° W	1·8	2·3	—0·5	10	—26	93	+ 6	·419	+ ·042	2·4	+1·3	1	0·84	+0·16	0·60	0·51	+ 0·09	0·60	0·55	+ 0·05	0·60	Dinajpur.
8	2	9	8			1	3		N 37° E		2·0			32		87		·449		2·0		1	0·90	+0·10	0·38	0·49	— 0·11	0·38	0·58	— 0·20	0·38	Rangpur.

ations, the elevations of which exceed 3,800 feet. * Uncorrected for scale error. § Mean of 21 days. (a) Indeterminate.

Table

(2) *Abstract of observations taken at 8 hrs. at 23*

Number of subdivision.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	II.—Eastern Bengal and Assam—*concld.*																						
5	Jalpaiguri	283	29·704	—·086	29·961	29·896	5th	29·358	28th	·538	57·5	75·6	+3·6?	55·2	+4·4	65·4	+4·0?	20·4	79·9	25th	45·4	29th	34·5
	Cooch Behar	156	29·850		29·972	30·026	5th	29·531	28th	·495	57·0	74·3		55·1		64·7		19·2	78·3	25th	44·6	29th	33·7
	III.—Bengal.																						
6	Saugor Island	25	29·986	—·069	29·957	30·153	8th	29·783	28th	·364	66·6	80·5	+3·9	62·6	+3·4	71·5	+3·7	17·9	84·5	17th & 24th,	51·0	29th, 30th & 31st,	33·5
	Midnapore	149	29·864		29·967	30·034	8th	29·649	27th	·385	64·5	85·9		59·0		72·5		26·5	92·3	19th	48·7	29th	43·6
	Calcutta	21	29·997	—·068	29·966	30·175	8th	29·794	27th	·381	62·0	81·7	+4·6	58·6	+3·3	70·1	+3·9	23·1	86·7	28th	48·0	29th	38·7
	Jessore	33	29·994	—·061	29·966	30·160	8th	29·772	28th	·388	63·0	79·4	+1·5	54·8	+1·8	67·1	+1·7	24·6	85·5	27th	44·2	29th	41·3
	Krishnagar	47	29·971		29·970	30·157	8th	29·762	27th	·395	59·5	80·2		55·2		67·7		25·0	86·9	27th	43·5	29th	43·4
	Burdwan	89	29·913	—·074	29·964	30·077	8th	29·690	27th	·387	61·7	82·7	+3·9	57·8	+2·9	70·2	+3·4	24·9	88·4	27th	46·8	29th	41·6
	Bankura	313	29·691		29·971	29·850	8th	29·481	27th	·369	63·1	82·8		57·8		70·3		25·0	90·6	27th	48·2	29th	42·4
	Raniganj	334	29·677		29·984	29·841	8th	29·466	27th	·375	60·0	82·3		56·6		69·4		25·7	90·5	27th	48·0	29th	42·5
	Berhampore	67	29·950	—·068	29·970	30·125	8th	29·719	27th	·406	58·9	78·1	+1·3	56·0	+2·6	67·1	+1·9	22·1	85·1	27th	46·7	29th	38·4
	Naya Dumka	489	29·512		29·989	29·676	5th	29·287	28th	·389	60·7	79·3		53·4		66·3		25·9	87·9	27th	47·0	29th	40·9
7	Balasore	50	29·971	—·065	29·968	30·150	8th	29·770	28th	·380	63·7	85·3	+4·0	58·4	+2·7	71·8	+3·3	26·9	90·4	19th	51·1	29th	39·3
	False Point	21	29·999	—·062	29·964	30·154	8th	29·810	28th	·344	67·3	82·5	+3·4	59·7	+1·4	71·1	+2·4	22·8	87·7	19th	52·1	29th	35·6
	Cuttack	80	29·949	—·053	29·974	30·118	8th	29·766	28th	·352	64·9	85·0	+0·5?	61·3	+1·5	73·2	+1·0?	23·7	89·4	19th & 26th,	51·2	29th	35·2
	Puri	24	30·000		29·963	30·161	8th	29·814	28th	·347	69·2	83·6		65·2		74·4		18·4	88·6	22nd	58·1	29th	30·5
	Angul	455	29·564		30·001	29·725	8th	29·375	28th	·350	63·8	85·1		58·4		71·8		26·7	90·1	17th	51·0	29th	39·1
	Sambalpur	486	29·550	—·038	30·007	29·701	8th	29·353	27th	·348	64·6	84·4	+2·2	56·7	+1·9?	70·6	+2·1?	27·7	88·1	24th	48·1	29th	40·0
8	Chaibassa	*733*	29·257	—·062	29·981	29·421	8th	29·048	28th	·373	59·2	83·9	+3·4	55·6	+3·8	69·8	+3·6	28·3	91·6	27th	44·8	29th	46·8
	Ranchi	2,128	27·841	—·039	29·974	28·005	8th	27·610	28th	·395	59·9	77·1	+2·7	56·0	+5·1	66·5	+3·9	21·1	83·2	16th	46·9	29th	36·3
	Purulia	*816*	29·185†		29·994	29·357	8th	28·976	28th	·381	60·2	83·5		57·1		70·3		26·4	89·5	19th & 27th,	46·1	29th	43·4
	Hazaribagh	2,007	27·955	—·054	29·963	28·125	8th	27·717	28th	·408	62·0	75·6	+2·5	55·3	+4·8	65·4	+3·7	20·3	84·7	27th	44·3	28th	40·4
	Daltonganj	*730*	29·291?		30·019?	29·465	8th	29·083	26th	·382	60·1‡	81·5‡		52·6‡		67·1‡		28·9	88·6	27th,	43·5	29th	45·1
9	Purnea	124	29·864	—·081	29·961	30·041	8th	29·584	28th	·457	54·3§	75·7§	+1·5§	49·5§	+1·4§	62·6§	+1·5§	26·2	79·0	6th	46·2	1st	32·8
	Bhagalpur	160	29·819		29·969	30·026	5th	29·603	28th	·423	61·2	76·2		53·8		65·0		22·4	82·2	20th & 26th.	44·8	29th	37·4
	Monghyr	155	29·859		29·975	30·037	8th	29·617	28th	·420	60·4	74·3		55·2		64·7		19·1	80·2	26th	44·9	29th	35·2
	Darbhanga	165	29·850	—·064	29·980	30·034	5th	29·549	28th	·485	57·2	74·1	+1·4	53·0	+0·9	63·6	+1·1	21·1	79·6	25th & 26th.	43·3	29th	36·3
	Pusa	188	29·822		29·977	29·992	5th	29·554	28th	·438	56·2	74·7		51·2		62·0		23·5	80·3	26th	43·0	29th	37·3
	Muzaffarpur	177	29·841		29·985	30·028	8th	29·572	28th	·456	58·2	73·5		52·8		63·1		20·7	78·7	4 days	44·0	29th	34·7
	Motihari	221	29·776		29·972	29·958	8th	29·497	28th	·461	54·8	72·4		52·4		62·4		20·0	77·6	25th	44·3	29th	33·3
	Chapra	181	29·823†		29·970†	30·003	8th	29·605	28th	·403	56·8	75·0		53·9		64·5		21·1	79·8	26th	43·3	28th	36·5
	Patna	183	29·830	—·083	29·979	30·008	8th	29·598	28th	·410	59·6	73·9	+0·9	55·0	+4·8	64·5	+2·9	18·9	79·0	5th	44·2	29th	34·8
	Arrah	190	29·816		29·970	29·998	8th	29·595	28th	·403	59·0	75·4		54·0		64·7		21·4	80·1	5 days	44·3	28th, 29th & 31st.	35·8
	Buxar	239	29·763		29·973	29·957	8th	29·548	28th	·409	58·1	76·5		54·9		65·7		21·6	81·5	5th	45·1	28th	36·4
	Dehri	251	29·653		29·978	29·855	7th	29·429	26th	·426	61·9	78·9		57·6		68·3		21·3	83·3	5th	48·0	29th	40·3
	Gaya	372	29·638	—·072	29·985	29·813	5th	29·432	26th	·381	60·7	78·1	+2·2	56·0	+4·4	67·1	+3·3	22·1	82·9	5th	47·2	29th	35·7
	IV.—United Provinces of Agra and Oudh.																						
10	Gorakhpur	257	29·731	—·078	29·962	29·942	5th	29·488	28th	·454	56·4	71·5	—1·4	52·4	+3·2	61·9	+0·9	19·1	77·1	24th	42·8	28th & 31st.	34·3
	Benares	267	29·719	—·065	29·985	29·916	5th	29·543	28th	·420	60·0	77·6	+3·3	54·1	+5·9	65·8	+4·6	23·5	83·6	28th	43·1	28th	40·5
	Allahabad	309	29·692	—·081	29·974	29·902	5th	29·446	26th	·456	59·1	76·4	+2·0	54·3	+6·4	65·3	+4·2	22·1	82·1	2nd	40·5	28th	41·6

N.B.—Elevations in italics indicate barometrical determinations.

‡ Mean of 21 days.
§ „ „ 11 „

NOTE.—The barometric readings are not reduced to sea-level, in the cases of hill or plateau

† Mean of 30 days.

—*continued.*

ations in India, etc., in January, 1911—continued.

Wind direction. Number of winds from N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Resultant direction.	Normal direction.	Wind velocity. Mean velocity, miles per hour.	Normal.	Departure from normal.	Wind steadiness. Actual percentage.	Departure from normal.	Hygrometry, 8 hrs. Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs. in inches of mercury.	Departure from normal in inches of mercury.	Cloud. Mean cloud amount at 8 hrs.	Departure from normal.	Rainfall. Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st Dec., 1910 to 31st January, 1911.	Normal rainfall for period, 1st Dec. to 31st January.	Departure from normal of period, 1st Dec., 1910 to 31st January 1911.	Heaviest rainfall during month.	Station.
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	54	55	56	57
																															II.—Eastern Bengal and Assam—*concld.*
1	4	2	1		1	1	4	N 11° E	N 18° E	1·5			17	−26	90	− 1	·432	+·036	4·4	+3·3	2	0·97	+ 1·03	1·09	0·50	+ 0·59	1·09	0·54	+ 0·55	0·68	Jalpaiguri.
		6		1		1		S 79° E		1·1			16		93		·434		4·1		2	0·90	+ 1·10	1·64	0·43	+ 1·21	1·64	0·51	+ 1·13	1·29	Cooch Behar.
																															III.—Bengal.
13	7	1			4	1	5	N 4° W	N 12° E	8·5	7·2	+1·3	62	− 2	88	− 2	·580	+·051	2·2	+0·7	0	0·74	− 0·74	0	0·21	− 0·21	0	0·54	− 0·54	0	Saugor Island.
13	1			4		1	3	N 10° W		2·3			39		68		·412		2·7		0	0·94	− 0·94	0	0·55	− 0·55	0	0·75	− 0·75	0	Midnapore.
2	3	1	1		3	2	11	N 42° W	N 6° W	3·3*	2·6	+0·7	40	+ 8	86	+ 2	·489	+·051	2·3	+1·2	0	0·78	− 0·78	0·02	0·32	− 0·30	0·02	0·54	− 0·52	0·02	Calcutta.
								(a)	N 14° W	0·6	1·6	−1·0			76	−11	·448	+·013	2·2	+1·0	1	0·90	+ 0·10	0·58	0·46	+ 0·12	0·58	0·64	− 0·06	0·58	Jessore.
					1		1	W		1·1			3		85		·441		2·5		0	0·81	− 0·81	0	0·43	− 0·43	0	0·53	− 0·53	0	Krishnagar.
5	1				1	1	1	N 17° W	N 23° W	1·7	1·6	+0·1	20	− 6	78	+ 6	·432	+·063	3·2	+1·7	0	0·81	− 0·81	0·01	0·29	− 0·28	0·01	0·40	− 0·39	0·01	Burdwan.
							1	N 45° W		2·3			3		66		·381		0·8		0	1·06	− 1·06	0	0·34	− 0·34	0	0·47	− 0·47	0	Bankura.
					3	2		N 76° W		1·8			13		74		·390		1·3		0	0·97	− 0·97	0	0·43	− 0·43	0	0·51	− 0·51	0	Raniganj.
1		1	1	4	4	1	2	S 35° W	N 67° W	1·7	1·6	+0·1	20	− 6	86	− 2	·434	+·019	1·7	+0·3	0	1·06	− 1·06	0	0·41	− 0·41	0	0·52	− 0·52	0	Berhampore.
							1	N 45° W		2·0			3		70		·382		1·0		0	1·17	− 1·17	0	0·59	− 0·59	0	0·75	− 0·75	0	Naya Dumka.
6	2				2	2	11	N 36° W	N 27° W	1·9	2·8	−0·9	56	+ 6	73	− 8	·428	−·014	1·3	−0·2	0	0·61	− 0·61	0	0·27	− 0·27	0	0·45	− 0·45	0	Balasore.
5					2	6	12	N 53° W	N 28° W	5·3	5·9	−0·6	66	− 2	87	− 1	·579	+·040	3·4	+1·9	0	0·71	− 0·71	0	0·46	− 0·46	0	1·15	− 1·15	0	False Point.
					6	6		S 67° W	N 8° W	1·5*	1·4	+0·1	37	+27	80	+ 2	·493	+·044	1·2	−0·3	0	0·55	− 0·55	0	0·16	− 0·16	0	0·43	− 0·43	0	Cuttack.
27					3		1	N 7° W		7·5			84		79		·566		1·1		0	0·43	− 0·43	0	0·26	− 0·26	0	0·91	− 0·91	0	Puri.
5					1	5	20	N 57° W		5·1			78		73		·435		1·0		0			0			0			0	Angul.
1	4	2	2	12	7	1	2	S 5° W	N 32° E	4·4	2·6	+1·8	43	−31	74	+ 1	·459	+·054	2·1	+0·8	0	1·00	− 1·00	0	0·28	− 0·28	0	0·52	− 0·52	0	Sambalpur.
11	1			4	15	2		S 40° W	S 68° W	2·8	1·2	+1·6	53	+13	79	+ 3	·399	+·021	2·2	+0·8	0	1·23	− 1·23	0	0·14	− 0·14	0	0·24	− 0·24	0	Chaibasa.
6	1				3	13	8	N 78° W	N 73° W	9·1	5·2	+3·9	69	+33	65	+ 2	·340	+·040	1·8	+0·2	0	1·35	− 1·35	0	0·29	− 0·29	0	0·38	− 0·38	0	Ranchi.
8				1	4	15	3	S 84° W		3·6			65		74		·394		0·2		0	1·35	− 1·35	0	0·44	− 0·44	0	0·62	− 0·62	0	Purulia.
2	2			2	5	10	10	N 80° W	S 86° W	8·3	5·8	+2·5	69	+25	58	− 6	·326	+·026	1·6	−0·3	0	1·45	− 1·45	0	0·48	− 0·48	0	0·68	− 0·68	0	Hazaribagh.
19	1	4	5		1	1		S 63° E		3·4			23		84‡		·385‡		2·1		1	1·63	− 0·63	0·20	0·76	− 0·56	0·20	1·05	− 0·85	0·13	Daltonganj.
13	1				5	7	5	N 86° W	S 74° W	1·6	2·1	−0·5	46	+17	92§	+ 1	·381§	+·084	1·4	+0·2	1	0·90	+ 0·10	0·50	0·47	+ 0·03	0·50	0·57	− 0·07	0·45	Purnea.
26					4	1		S 53° W		2·6			16		80		·429		2·0		0	1·32	− 1·32	0·06	0·55	− 0·49	0·06	0·62	− 0·56	0·06	Bhagalpur.
10		2	3	1		11	4	N 72° W		4·0			29		88		·471		2·9		1			0·47			0·47			0·47	Monghyr.
14	2	2	2	1		5	5	S 80° W	S 84° W	2·2	2·6	−0·4	13	−18	93	+ 7	·439	+·059	2·6	+1·3	1	1·30	− 0·30	0·41	0·62	− 0·21	0·41	0·69	− 0·28	0·33	Darbhanga.
10		1	1	3	1	12		S 31° W†		3·3			37†		89		·406		4·4		1			0·27			0·27			0·25	Pusa.
18				1		6	6	S 63° W		2·8*			36		87		·418		2·2		1	1·33	− 0·33	0·20	0·79	− 0·59	0·20	0·86	− 0·66	0·20	Muzaffarpur
29			1			1		(a)		0·6					94		·409		4·6		2	1·32	+ 0·68	0·71	0·59	+ 0·12	0·71	0·73	− 0·02	0·55	Motihari.
								?		?			?		89		·412		2·8		1	1·48	− 0·48	0·33	0·74	− 0·41	0·33	0·83	− 0·50	0·25	Chapra.
6	1	1	5		5	4	9	S 45° W	S 70° W	4·6	2·4	+2·2	27	−21	83	+ 6	·432	+·076	1·0	−0·7	1	1·32	− 0·32	0·15	0·56	− 0·41	0·15	0·66	− 0·51	0·15	Patna.
10	2	2	1		1	4	10	1 N 89° W		1·9			36		80		·408		2·8		1	1·58	− 0·58	0·11	0·88	− 0·77	0·11	1·01	− 0·90	0·11	Arrah.
4		2	5	1	2	11	6	S 38° W		6·7			36		86		·416		3·8		2	1·65	+ 0·35	0·87	0·78	+ 0·09	0·87	0·98	− 0·11	0·48	Buxar.
15		1				12	3	S 54° W		3·4			45		74		·411		1·4		2	1·35	+ 0·65	0·47	0·59	− 0·12	0·47	0·91	− 0·44	0·23	Dehri.
20		1		2	1	7		S 66° W	S 16° W	3·9	3·0	+0·9	28	− 9	76	+ 3	·406	+·061	2·2	+0·5	0	1·32	− 1·32	0·10	0·59	− 0·49	0·10	0·76	− 0·66	0·06	Gaya.
																															IV.—United Provinces of Agra and Oudh.
19		3			1	5	3	N 58° W	N 84° W	1·9	1·6	+0·3	23	−13	87	+ 5	·404	+·054	2·7	+0·9	3	1·50	+1·50	1·11	0·76	+0·35	1·11	0·90	+ 0·21	0·65	Gorakhpur.
9		2	1	2	13	3	1	S 47° W	S 49° W	2·8¶	2·9	−0·1	40	+ 4	85	+ 1	·449	+·108	2·4	+0·5	2	1·40	+0·60	0·36	0·67	− 0·31	0·36	0·88	− 0·52	0·15	Benares.
6		2	4	2	1	3	11	2 S 77° W	N 74° W	4·7	3·8	+0·9	27	+ 1	73	0	·402	+·069	3·5	+1·6	2	1·60	+0·40	0·86	0·76	+0·10	0·86	1·90	− 0·14	0·53	Allahabad.

stations, the elevations of which exceed 5,000 feet.

¶ Mean of 17 days.
(a) Indeterminate.

* Uncorrected for scale error.

Table

(2) *Abstract of observations taken at 8 hrs. at 239*

Number of subdivision.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure, 8 hrs. in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	IV.—United Provinces of Agra and Oudh—*concld.*																						
10	Cawnpore	416	29·574	—·071	29·972	29·797	5th	29·310	26th	·487	56·5	75·9	+2·0	51·6	+4·5	63·8	+3·3	24·3	82·7	22nd	38·5	28th	44·2
	Lucknow	368	29·639	—·060	29·987	29·864	5th	29·388	26th	·476	57·4	74·4	+0·4	52·8	+6·1	63·6	+3·3	21·6	81·0	2nd	41·6	28th	39·4
	Bahraich	401	29·578	—·074	29·966	29·805	5th	29·343	28th	·462	55·1	71·5	—0·9	51·9	+4·8	61·7	+1·9	19·6	76·1	4 days	40·0	28th	36·1
11	Jhansi	824	29·187	—·062	30·014	29·389	5th	28·925	26th	·464	58·7	77·5	+1·1	54·9	+3·8	66·2	+2·5	22·6	86·0	1st & 2nd	43·5	28th	42·5
	Agra	556	29·448	—·071	29·997	29·674	5th	29·126	26th	·548	57·1	73·6	+0·1	53·6	+5·0	63·6	+2·5	20·0	81·5	26th	41·5	28th	40·0
	Mainpuri	516	29·481	—·062	29·989	29·706	5th	29·176	26th	·530	55·2	72·9	+1·2	51·7	+5·5	62·3	+3·3	21·2	80·3	22nd	40·1	28th	40·2
	Bareilly	568	29·405	—·072	29·970	29·645	5th	29·147	26th	·498	55·1	69·5	—1·1	51·4	+5·3	60·5	+2·1	18·1	76·3	12th	39·0	31st	37·3
	Meerut	733	29·265	—·048	30·014	29·516	5th	28·959	26th	·557	52·4	67·8	—2·6	48·7	+3·7	58·2	+0·5	19·1	77·1	22nd	38·8	27th & 31st.	38·3
	Roorkee	899	29·085	—·043	30·012	29·336	5th	28·784	26th	·554	51·9	66·8	—2·8	48·5	+4·1	57·7	+0·7	18·3	74·0	13th	37·4	28th	36·6
	Debra Dun	2,233	27·708	—·054	30·007	27·929	5th	27·445	26th	·484	49·5	65·3	—0·9	46·5	+1·7	55·9	+0·4	18·8	74·5	12th & 23rd.	34·5	28th	40·0
	V.—Punjab.																						
12	Delhi	718	29·272 P*	—·064 P*	30·001	29·510	5th	28·955	26th	·555	54·2	68·9	—1·8	51·7	+3·8	60·2	+1·0	17·2	79·0	23rd	42·7	28th	36·3
	Sirsa	662	29·227	—·148	29·902	29·413	21st	28·972	26th	·441	50·7*	72·5†	+1·8†	47·1*	+3·3*	59·8†	+2·5†	25·4	83·3	25th	35·0	27th	46·3
	Patiala	*818*	29·170		30·013	29·428	5th	28·800	26th	·628	52·2	66·3		49·1		57·7		17·2	76·9	23rd	39·2	30th	37·7
	Ambala	892	29·075	—·052	29·996	29·327	5th	28·722	26th	·605	52·3	67·7	—0·1	49·2	+5·9	58·5	+2·9	18·5	79·5	23rd	38·9	31st	40·6
	Ludhiana	812	29·167	—·059	30·005	29·433	5th	28·796	26th	·637	51·4	65·9	—1·3	49·1	+4·8	57·5	+1·7	16·8	75·0	23rd	40·0	30th	35·0
	Lahore	702	29·276	—·073	30·001	29·562	5th	28·810	26th	·722	50·6	65·9	—3·1	48·3	+7·6	57·1	+2·3	17·6	76·9	23rd & 24th.	40·2	30th	36·7
	Sialkot	830	29·157	—·046	30·019	29·455	5th	28·702	26th	·753	50·9	63·1	—3·1	46·7	+3·9	55·0	+0·4	16·4	75·0	24th	36·0	30th	39·0
	Rawalpindi	1,674	28·290	—·056	30·049	28·561	5th	27·898	26th	·636	46·7	57·7	—5·4	42·9	+5·0‡	50·4‡	—0·2	14·8	69·9	1st	35·4	30th	34·5
13	Khushab	612	29·400	—·055	30·032	29·731	5th	28·973	26th	·758	50·7	63·9	—3·7	47·0	+5·7	55·4	+1·0	16·9	75·4	24th	37·9	30th	37·5
	Montgomery	558	29·441	—·067	30·016	29·715	5th	29·020	26th	·695	49·1	66·1	—2·4	45·1	+2·9	55·6	+0·3	21·0	77·9	25th	36·5	30th	41·4
	Multan	420	29·610	—·064	30·028	29·863	5th	29·216	26th	·647	50·9	66·2	—4·0	47·0	+3·7	56·6	—0·1	19·2	75·8	24th	40·5	27th	35·3
	VI.—North-West Frontier Province.																						
15	Peshawar	1,113	28·906	—·068	30·083	29·202	5th	28·508	26th	·694	45·7	57·2	—6·3	43·1	+3·5	50·1	—1·4	14·1	69·2	24th	34·9	15th	34·3
	D. I. Khan	590	29·433	—·074	30·044	29·737	5th	29·030	26th	·707	47·3	63·5	—5·6	43·4	+3·0	53·5	—1·3	20·1	72·4	24th	35·1	30th	37·3
	VII.—Sind.																						
17	Jacobabad	186	29·862	—·056	30·022	30·070	5th & 9th.	29·535	24th	·535	51·0	69·1	—4·5	47·1	+3·8	58·1	—0·3	22·0	80·1	24th	36·8	4th & 6th.	43·3
	Hyderabad	96	29·962	—·051	30·016	30·149	5th	29·737	25th	·412	55·6	71·7	—5·1	51·6	+0·5	61·6	—2·3	20·1	85·5	24th	39·5	27th	46·0
	Karachi	13	30·054	—·044	30·019	30·216	5th	29·848	25th	·368	66·6	72·3	—3·4	57·2	—0·2	64·8	—1·8	15·1	85·5	23rd	47·0	27th	38·5
	VIII.—Rajputana.																						
18	Bikaner	*771*	29·213	—·075	29·999	29·497	5th	28·908	26th	·499	52·5	71·8	0	48·8	—0·6?	60·3	—0·3?	23·0	86·0	24th	39·0	27th	47·0
	Jodhpur	780	29·215	—·067	29·999	29·406	5th	28·980	26th	·426	56·5	77·4	+1·1	51·8	+2·2	64·6	+1·7	25·6	90·5	24th	36·3	5th	54·2
19	Jaipur	1,431	28·555	—·060	30·013	28·743	5th	28·263	26th	·480	57·5	75·5	+0·9	52·8	+4·8	64·1	+2·9	22·7	85·7	24th	36·1	27th	49·6
	Sambhar	1,254	28·735	—·052	30·018	28·924	5th	28·445	26th	·479	54·9	76·0	+2·4	49·7	+4·3	62·9	+3·3	26·3	87·4	24th	35·9	27th	51·5
	Ajmer	1,611	28·383	—·059	30·028	28·546	5th	28·112	26th	·434	55·4	73·3	—0·8?	53·1	+7·6	63·2	+3·4?	20·2	83·9	24th	40·7	5th	43·2
	Kotah	819?	29·158?	—·080?	29·973?	29·318	5th	28·885	26th	·433	61·1	78·8	+1·8	57·5	+6·9	68·2	+4·3	21·3	86·0	12th, 24th & 25th.	48·1	5th & 28th.	37·9
	Udaipur	1,925	28·071	—·045	30·010	28·238	5th	27·845	26th	·393	60·3	79·3	+4·0	52·2	+5·3	65·7	+4·7	27·1	89·5	23rd	40·3	6th & 28th.	49·2

N.B.—Elevations in italics indicate barometrical determinations.

* Mean of 13 days.

† Mean of 12 days.

‡ Mean of 30 days.

NOTE.—The barometric readings are not reduced to sea-level, in the cases of

B—*continued.*

stations in India, etc., in January, 1911—continued.

Wind direction. Number of winds from Calm. (25)	N. (26)	N.E. (27)	E. (28)	S.E. (29)	S. (30)	S.W. (31)	W. (32)	N.W. (33)	Resultant direction. (34)	Normal direction. (35)	Wind velocity. Mean velocity, miles per hour. (36)	Normal. (37)	Departure from normal. (38)	Wind steadiness. Actual percentage. (39)	Departure from normal. (40)	Hygrometry, 8 hrs. Mean humidity at 8 hrs. (41)	Departure from normal. (42)	Mean vapour tension at 8 hrs. in inches of mercury. (43)	Departure from normal in inches of mercury. (44)	Cloud. Mean cloud amount at 8 hrs. (45)	Departure from normal. (46)	Rainfall. Number of rainy days. (47)	Normal number of rainy days. (48)	Departure from normal. (49)	Rainfall of month. (50)	Normal rainfall of month. (51)	Departure from normal. (52)	Total rainfall from 1st Dec., 1910 to 31st January 1911. (53)	Normal rainfall for period, 1st Dec. to 31st January. (54)	Departure from normal of period, 1st Dec., 1910 to 31st January 1911. (55)	Heaviest rainfall during month. (56)	Station. (57)
																																IV.—United Provinces of Agra and Oudh—*concld.*
10	2	1	2	1			4	10	1	S 89° W	N 79° W	4·0	3·0	+1·0	33	+ 1	83	+ 4	·387	+·067	0·9	−1·0	2	1·60	+0·40	0·77	0·68	+0·09	0·77	0·85	− 0·08	0·42	Cawnpore.
18			3	1			1	5	3	N 80° W	N 84° W	3·5	2·2	+1·3	13	−16	83	+ 1	·403	+·083	2·8	+0·3	3	1·90	+1·10	2·48	0·96	+1·52	2·48	1·34	+ 1·14	1·20	Lucknow.
13	1	2	2	2			1	6	4	N 56° W	N 45° W	3·2	2·2	+1·0	20	− 3	90	+ 3	·395	+·057	3·2	+1·8	7	1·90	+5·10	4·88	0·92	+3·96	4·88	1·26	+ 3·62	1·36	Bahraich.
3	2	1	2	1		6	3	3	S 89° W	N 68° W	5·4	2·1	+3·3	19	+ 1	75	+13	·371	+·077	4·8	+3·0	2	1·20	+0·80	0·73	0·62	+0·11	0·73	0·86	− 0·13	0·30	Jhansi.
5		5	4	4	1	3	5	4	N 45° E	N 56° W	5·0	3·6	+1·4	1	−31	78	+ 6	·372	+·091	5·0	+2·4	3	1·20	+1·80	1·14	0·53	+0·61	1·14	0·82	+ 0·32	0·61	Agra.
4		2	5	4		3	8	5	W	N 59° W	2·7	1·6	+1·1	14	−14	84	+ 8	·372	+·097	1·9	−0·7	3	1·50	+1·50	1·90	0·73	+1·17	1·90	1·07	+ 0·83	0·95	Mainpuri.
0			1						E	N 45° W	0·5	2·2	−1·7	3	−22	87	+ 4	·380	+·083	4·4	+1·7	7	2·36	+4·64	5·18	1·05	+4·13	5·18	1·38	+3·80	1·50	Bareilly.
9			2	3	1	2	8	6	S 88° W	S 88° W	4·7	2·0	+2·7	31	− 4	88	+11	·353	+·090	5·2	+2·1	9	2·30	+6·70	4·05	1·35	+2·71	4·69	1·83	+ 2·86	2·30	Meerut.
3				1				7	N 45° W	N 53° W	3·1	2·1	+1·0	20	+ 4	92	+ 7	·358	+ 081	5·3	+2·3	8	2·80	+5·20	6·41	1·68	+4·73	6·47	2·29	+ 4·18	1·82	Roorkee.
1									(a)	S 45° E	1·4§	1·6	−0·2			82	+ 3	·291	+·031	5·9	+1·2	8	3·50	+4·50	9·05	2·38	+6·67	9·28	3·18	+ 6·10	2·42	Dehra Dun.
																																V.—Punjab.
4	2	5	1	3	1		9	6	N 45° W	S 87° W	4·3	2·9	+1·4	33	− 2	87	+19	·369	+·110	5·8	+2·2	7	2·40	+4·60	2·32	1·23	+1·09	2·32	1·76	+ 0·56	1·30	Delhi.
5	1		1	2	1		1	1	S 45° E*	N 36° W	4·9	3·4	+1·5	8*	− 3	77*	+ 1	·293*	+·042	3·6*	−0·6	2	1·50	+0·50	1·91	0·84	+1·07	1·95	1·15	+ 0·80	1·60	Sirsa.
1	5	1	6	3			7	5	N 16° W		7·0			23		89		·351		4·6		8			5·05			5·34			1·72	Patiala.
6	3		1	6	1	1	1	12	N 42° W	N 48° W	5·6	1·9	+3·7	27	+ 9	90	+ 3	·353	+·069	5·4	+2·0	6	2·80	+3·20	5·24	1·62	+3·62	5·86	2·44	+ 3·42	1·45	Ambala.
1		1		3		1	1	1	S 18° E	N 59° W	1·1	1·7	−0·6	5	−14	91	+ 9	·347	+·074	5·2	+0·7	6	2·60	+3·40	8·01	1·84	+6·17	8·44	2·62	+ 5·82	4·71	Ludhiana.
1	2	3	2	3	1		3	3	N 19° E	N 88° W	3·0	1·7	+1·3	10	+ 7	89	+ 7	·335	+·080	6·8	+2·8	5	1·90	+3·10	2·56	1·12	+1·44	2·72	1·50	+ 1·22	0·93	Lahore.
3	2	2	3	3	1		4	3	N 10° E	N 49° E	2·5	1·3	+1·2	8	0	93	+11	·349	+·080	5·1	+1·7	11	3·40	+7·60	4·43	2·51	+1·92	4·71	3·03	+ 1·68	1·00	Sialkot.
7	6	2			1	1	1	3	N 17° W	N 40° W	2·7	2·0	+0·7	27	+13	88	+ 4	·282	+·052	6·8	+2·1	11	4·20	+6·80	8·41	2·74	+5·67	9·49	3·48	+ 6·01	2·55	Rawalpindi.
7	3	4	3	2	3	4	2	3	N 23° E	N 18° E	4·0	2·9	+1·1	2	− 9	84	+14	·316	+·103	6·5	+3·3	5	1·50	+3·50	2·43	0·82	+1·61	2·50	1·36	+ 1·14	0·91	Khushab.
9	4	4	1	2	1	1	2	7	N 16° W	N 18° E	4·5	3·4	+1·1	30	+16	88	+13	·307	+·061	5·7	+1·9	3	1·30	+1·70	0·86	0·84	+0·02	0·87	1·26	− 0·39	0·35	Montgomery.
5	5							1	N 7° W	N 45° E	1·0	1·3	−0·3	20	− 3	78	+ 7	·289	+·045	5·4	+2·2	2	1·10	+0·90	0·45	0·45	0	0·58	0·61	− 0·06	0·20	Multan.
																																VI.—North-West Frontier Province.
	2			4	5	4	4	1	S 31° W	S 18° W	2·2	2·5	−0·3	33	− 6	86	+13	·270	+·066	7·3	+2·6	10	2·90	+7·10	3·58	1·60	+1·98	3·71	1·93	+1·78	0·73	Peshawar.
	1	2				1		8	N 35° W	N 37° W	1·6	1·4	+0·2	30	+12	81	+12	·268	+·063	4·9	+1·6	3	1·40	+1·60	0·74	0·44	+0·30	0·81	0·65	+0·16	0·21	D. I. Khan.
																																VII.—Sind.
3	1						1	5	N 28° W	N 22° E	2·4‖	2·2	+0·2	30	+12	71	+ 9	·271	+·053	4·6	+1·1	1	1·00	0	0·27	0·27	0	0·27	0·36	−0·09	0·19	Jacobabad.
12	1			1	2	1	8		N 25° W	N 7° E	7·7	7·0	+0·7	59	+ 8	69	+11	·306	+·048	5·2	+2·0	0	0·70	−0·70	0·13	0·24	−0·11	0·13	0·29	−0·16	0·07	Hyderabad.
8	13	3	1			1	3		N 27° E	N 50° E	11·4	9·2	+2·2	72	− 2	62	− 7	·332	+·003	3·6	+1·1	2	1·10	+0·90	0·50	0·66	−0·16	0·60	0·79	−0·19	0·31	Karachi.
																																VIII.—Rajputana.
5	7		5	3	4	2	3		N 30° E	N 22° W	6·5	3·7	+2·8	10	−12	61	+ 4	·216	+·017	5·1	+1·8	1	1·10	−0·10	0·20	0·39	−0·19	0·20	0·56	− 0·36	0·12	Bikaner.
2	12	1	1	1	2	5			N 29° E		4·0			30		61	+17	·288		5·2		0	0·90	−0·90	0·07	0·23	−0·16	0·07	0·38	− 0·31	0·06	Jodhpur.
5	4	8	1		1	1	2		N 47° E	N 6° E	4·5§	3·3	+1·2	37	+ 8	71	+ 5	·346	+·081	5·2	+2·1	2	1·50	+0·50	0·71	0·60	+0·11	0·71	0·79	− 0·08	0·36	Jaipur.
1	3	5	1	1	1	3	1		N 67° E	N 34° E	3·9	4·1	−0·2	10	− 4	74	+ 8	·327	+·084	4·5	+1·8	2	1·10	+0·90	0·43	0·39	+0·04	0·43	0·74	− 0·31	0·20	Sambhar.
2		4	2	2	2	2	2		S 25° E	N 9° W	4·9	2·2	+2·7	3	−15	72	− 1	·325	+·061	4·8	+2·3	0	1·30	−1·30	0·14	0·44	+0·30	0·14	0·71	− 0·57	0·05	Ajmer.
2	1	1			1	3	1		N 45° W		2·2			13		70	+15	·381		3·2		2	0·70	+1·30	0·42	0·18	+0·24	0·42	0·54	− 0·12	0·30	Kotah.
			1			5	2		N 83° W		3·0			20		61	+ 9	·323		3·0		0	0·30	−0·30	0·05	0·06	−0·01	0·05	0·19	− 0·14	0·03	Udaipur.

or plateau stations, the elevations of which exceed 3,200 feet.

‖ Mean of 27 days.

§ Uncorrected for scale error.

(a) Indeterminate.

Tabl

(2) *Abstract of observations taken at 8 hrs. at 23*

Number of subdivision.	Station.	Elevation of barometer above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	IX.—Bombay.																						
20	Deesa	466	29·536	—·060	29·982	29·729	5th	29·374	26th	·355	58·9	84·5	+1·4	53·1	+1·6	68·8	+1·5	31·4	96·3	23rd	36·9	5th	59·4
	Bhuj	395	29·631	—·046	29·999	29·811	5th	29·476	25th	·335	59·6	78·7	—1·7	54·7	+0·3	66·7	—0·7	24·0	93·5	23rd	43·5	5th	50·0
	Jamnagar	61	29·989		29·995	30·092	6th	29·859	25th	·233	64·3	78·7		54·8		66·7		23·9	90·6	24th	48·3	7th	42·3
	Dwarka	37?	30·009		29·994	30·192	5th	29·867	25th	·325	07·0	77·3		61·3		69·3		16·0	92·3	23rd	53·2	5th	39·1
	Rajkot	429	29·585	—·045	29·985	29·735	5th	29·456	25th	·279	61·0	83·5	—0·5	52·7	+1·6	68·1	+0·5	30·8	95·1	23rd & 24th.	40·0	5th	55·1
	Veraval	*18*	30·005	—·036	29·967	30·199	5th	29·892	25th	·307	66·3	79·4	—2·1	61·0	+2·2	70·2	+0·1	18·4	86·1	11th & 14th.	54·3	6th & 8th.	31·8
	Bhavnagar Para	55	29·989	—·052	29·988	30·186	5th	29·868	24th	·318	64·0	85·9	+3·4	58·0	+1·9	71·9	+2·7	27·9	94·6	23rd	46·0	5th	48·6
	Surat	39	29·981	—·042	29·965	30·157	5th	29·871	25th	·286	65·3	85·8	—1·1?	60·4	+3·9	73·1	+1·4?	25·4	95·1	21st	49·1	28th	46·0
	Ahmedabad	163	29·852	—·056	29·971	30·048	5th	29·714	25th	·334	64·1	86·2	+2·2	58·3	+1·3	72·2	+1·7	27·9	96·6	23rd	46·2	6th	50·4
26	Bombay	37	29·972	—·035	29·950	30·113	5th	29·866	24th	·247	71·5	83·1	+0·5	69·2	+1·3	76·2	+0·9	13·9	90·5	23rd	61·5	28th	29·0
	Ratnagiri	110	29·878	—·031	29·928	29·983	5th	29·785	24th	·198	73·7	87·8	+0·1	66·9	+0·7	77·4	+0·4	20·9	97·8	21st	60·9	28th	26·9
	Goa	199	?	?	?	?	?	?	?	?	72·8	84·3	—2·6	70·1	+2·2	77·2	—0·1	14·2	92·6	22nd	66·6	28th	26·0
	Mormugao	*60*	29·928	—·031	29·924	29·997	4th	29·832	24th	·165	72·0	84·1	—1·7	69·5	+0·6	76·8	—0·5	14·6	89·5	22nd	67·2	13th, 28th & 29th.	22·2
	Karwar	44	29·953	—·026	29·932	30·044	5th	29·859	24th	·185	68·0	86·2	—0·7	65·8	+0·3	76·0	—0·2	20·4	94·8	21st	60·0	13th	34·8
27	Malegaon	1,430	28·567	—·048	29·994	28·718	5th	28·409	25th	·309	63·2	88·2	+2·6	55·8	+3·9	72·0	+3·3	32·4	93·4	25th	42·1	28th	51·3
	Ahmednagar	2,154	27·874	—·002?	30·012	27·981	5th	27·752	25th	·229	63·1	84·6	+0·6	53·7	+3·0	69·2	+1·8	30·9	89·9	31st	47·5	28th	42·4
	Poona	1,846	28·164	—·026	30·004	28·278	5th	28·047	25th	·231	62·0	86·4	+0·5	55·7	+1·4	71·0	+0·9	30·7	91·5	25th	49·8	28th	41·7
	Sholapur	1,590	28·414	—·022	29·976	28·510	5th	28·298	25th	·212	68·2	88·3	+0·6	60·0	+1·8	74·1	+1·2	28·3	92·3	26th	53·4	28th	38·9
	Bijapur	*1,948*	28·057	—·019	29·973	28·156	5th	27·954	26th	·202	67·6	87·5	+2·3	59·7	+1·7	73·6	+2·0	27·8	92·2	25th	53·2	1st & 12th.	39·0
	Belgaum	2,538	27·451	—·024	29·940	27·538	5th	27·348	28th	·190	66·4	84·3	+0·8	57·8	+0·3	71·0	+0·5	26·5	89·3	31st	48·5	28th	40·8
	X.—Central India.																						
21	Neemuch	1,624	28·362	—·054	30·011	28·525	5th	28·125	26th	·400	56·7	80·4	+2·8	53·0	+4·3	66·7	+3·5	27·4	88·5	22nd & 23rd.	37·2	5th & 6th.	51·3
	Indore	1,823	28·164	—·042	29·989	28·333	5th	27·961	26th	·372	63·0	81·5	+2·1	54·6	+4·8	68·0	+3·5	26·9	88·1	22nd	41·1	28th	47·0
22	Nowgong	754	29·240	—·079	29·991	29·438	5th	28·978	26th	·460	58·5	75·9	+0·8	54·5	+7·5	65·2	+4·1	21·4	82·0	26th	41·5	28th	49·5
	Satna	1,041	28·948	—·063	29·994	29·132	5th	28·709	26th	·423	59·8	79·6	+4·5	55·4	+7·8	67·5	+6·1	24·2	87·0	26th	40·2	28th	46·9
	XI.—Central Provinces.																						
23	Buldana	2,132	27·884		30·011	28·014	5th	27·738	26th	·276	67·6	81·9		60·1		71·0		21·8	87·4	25th	51·0	28th	36·4
	Akola	930	29·086	—·033	30·000	29·215	5th	28·934	26th	·281	65·2	86·6	+1·4	57·5	+4·1	72·0	+2·7	29·1	92·7	26th	43·6	28th	49·1
	Amraoti	1,215	28·788	—·034	29·961	28·906	5th	28·630	26th	·276	66·5	84·2	—0·3	60·2	+2·4	72·2	+1·1	24·1	90·8	26th	51·3	28th	39·5
24	Chandwa	1,044	28·856	—·045	29·997	29·126	5th	28·793	26th	·333	61·3	85·4	+2·5	56·5	+4·7	71·4	+3·6	29·9	93·2	25th	42·1	28th	51·1
	Hoshangabad	1,006	29·002	—·049	30·007	29·172	5th	28·803	26th	·369	60·2	82·3	+2·0	55·5	+3·2	68·9	+2·6	26·8	88·1	23rd	41·4	28th	46·7
	Saugor	1,807	28·167?	—·063?	29·980?	28·331	5th	27·949	26th	·382	62·0	79·2	+2·3	56·8	+5·0	68·0	+3·7	22·4	85·6	18th	42·1	28th	43·5
	Jubbulpore	1,327	28·654	—·063	29·993	28·812	5th	28·437	26th	·375	58·3	80·1	+2·5	53·8	+5·8	67·0	+4·1	26·3	86·3	18th & 26th.	40·3	28th	46·0
	Seoni	2,033	27·969	—·033	30·011	28·097	5th	27·792	26th	·305	61·4	79·5	+0·3	54·9	+3·6	67·2	+1·9	24·6	85·1	22nd	43·5	28th	41·6
	Nagpur	1,017	28·993	—·036	29·998	29·119	5th	28·806	26th	·313	64·0	84·2	+0·7	58·0	+2·4	71·1	+1·5	26·2	89·1	23rd	48·8	29th	40·3
25	Pendra	2,123?	27·946		29·974	28·090	5th	27·779	28th	·311	62·0	78·6		55·6		67·1		23·0	83·8	18th	47·2	28th & 29th.	36·6
	Raipur	870	29·089	—·041	30·000	29·163	8th	28·879	26th	·284	62·1	83·1	+1·5	58·5	+3·1	70·8	+2·3	24·6	86·7	17th & 24th.	52·1	28th & 29th.	34·6
	Chanda	*634*	29·384	—·033	29·368	29·497	5th	29·218	26th	·279	66·3	86·2	+0·8	56·5	+2·4	71·3	+1·6	29·7	90·5	26th	45·0	28th	45·5
	Jagdalpur		28·210?		30·024?	28·312	8th	28·075	28th	·237	59·8	80·3		52·9		67·1		26·4	83·2	23rd & 24th.	49·1	1st, 11th & 29th.	34·1

N.B.—Elevations in italics indicate barometrical determinations.

NOTE.—The barometric readings are not reduced to sea-level, in the cases of hill or plateau stations, the elevations of which exceed 5,000 feet.

‡ Mean of 22 days.

B—*continued.*

***stations in India, etc., in January, 1911*—continued.**

Wind direction. Number of winds from: Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Resultant direction.	Normal direction.	Wind velocity. Mean velocity, miles per hour.	Normal.	Departure from normal.	Wind steadiness. Actual percentage.	Departure from normal.	Hygrometry, 8 hrs. Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs., in inches of mercury.	Departure from normal, in inches of mercury.	Cloud. Mean cloud amount at 8 hrs.	Departure from normal.	Rainfall. Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st Dec., 1910 to 31st January 1911.	Normal rainfall for period, 1st Dec. to 31st January.	Departure from normal of period, 1st Dec., 1910 to 31st January 1911.	Heaviest rainfall during month.	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	54	55	56	57
																																IX.—Bombay.
																57	+11	·295	+·068	3·1	+1·5	0	0·36	−0·36	0	0·15	−0·15	0	0·21	−0·21	0	Deesa.
13	3			1	1		4	9	N 51° W	N 45° W	6·1	6·5	−0·4	43	+25	66	+11	·342	+·027	4·8	+3·5	0	0·10	−0·10	0·10	0·07	+0·03	0·10	0·14	−0·04	0·08	Bhuj.
4	1	14	8			1		3	N 51° E		9·2			63		85		·521		1·1		1			0·18			0·18			0·13	Jamnagar.
		12	9	1		1	1	6	N 4° E		10·1			69		68		·449		3·4		0			0·14			0·14			0·07	Dwarka.
2	7	3	6	4	2	2	3	2	N 50° E	N 55° E	5·6	5·2	+0·4	23	−19	62	+9	·330	+·040	2·3	+1·3	0	0·20	−0·20	0·01	0·04	−0·03	0·01	0·08	−0·07	0·01	Rajkot.
15	8	7		1					N 25° E	N 20° E	5·9	5·9	0	46	−29	68	+16	·437	+·115	1·8	+0·5	9	0	0	0·10	0	+0·10	0·10	0·09	+0·01	0·05	Veraval.
	2				3	9	8	10	N 72° W	N 85° W	4·8	6·9	−2·1	69	+4	55	−12	·332	−·025	2·1	+1·0	0	0·10	−0·10	0·05	0·37	−0·02	0·05	0·14	−0·09	0·05	Bhavnagar Para.
4	11	3	4	2	4		2	1	N 50° E	N 5° E	3·0	4·9	−1·9	33	−9	68	+4	·435	+·059	2·1	+1·4	0	0·20	−0·20	0·03	0·05	+0·03	0·08	0·06	+0·02	0·08	Surat.
3		12	6		1	1	3	5	N 35° E	N 48° E	4·2	4·3	−0·1	40	−31	57	+10	·343	+·076	1·4	−0·3	0	0·10	−0·10	0	0·03	−0·03	0	0·10	−0·10	0	Ahmedabad.
	3	12	13	3					N 68° E	N 58° E	8·1*	9·9	−1·8	79	−2	75	+3	·588	+·039	2·6	+1·7	0	0·10	−0·10	0·06	0·10	−0·04	0·06	0·16	−0·10	0·04	Bombay.
3	4	6	17						N 69° E†	S 88° E	8·4	7·7	+0·7	72	+17	63	+3	·515	+·036	0·6	−0·2	0	0·20	−0·20	0	0·15	−0·15	0	0·20	−0·20	0	Ratnagiri.
1	2	14	13	1					N 64° E	N 75° E	6·2†	5·6	+0·6	82	−5	73	+6	·580	+·013	1·8	+1·4	0			0	0·19	−0·19	0	0·25	−0·25	0	Goa.
1	2	9	15	3					N 73° E	S 84° E	8·0*	8·2	−0·2	79	+2	82	+1	·612	+·009	2·6	+2·7	0			0	0	0	0	0	0	0	Mormugao.
11	1	17		1		1			N 46° E	N 62° E	3·1*	3·5	−0·4	53	−34	81	+2	·555	+·022	1·9	+1·5	0	0·10	−0·10	0	0·09	−0·09	0	0·16	−0·16	0	Karwar.
12	2				1	2	6	8	N 68° W	N 68° W	4·7	5·1	−0·4	46	−19	57	−1	·338	+·031	0·1	−1·2	0	0·10	−0·10	0	0·11	−0·11	0	0·37	−0·37	0	Malegaon.
1	4	2		7	5	5		7	S 34° W	N 5° W	6·3	5·9	+0·4	13	+6	58	−3	·334	−·009	0·7	−0·2	1	0·20	+0·80	0·10	0·01	+0·09	0·10	0·51	−0·41	0·10	Ahmednagar.
1	2	5	4	1		3	11	4	N 51° W	S 70° W	5·0*	6·2	−1·2	30	−38	66	+9	·378	+·070	1·0	+0·2	0	0·20	−0·20	0·01	0·03	−0·03	0·01	0·23	−0·22	0·01	Poona.
2	2	8	3	14			1	3	S 83° E	S. 66° E	8·0	7·8	+0·2	46	−9	50	+2	·345	+·020	1·4	+0·4	0	0·20	−0·20	0	0·07	−0·07	0	0·50	−0·50	0	Sholapur.
8	2	1	2	8	3	3		4	S 33° E	S 58° E	4·7	4·2	+0·5	20	−24	62	−6	·418	−·037	0·7	−0·5	0	0·20	−0·20	0	0	0	0	0·03	−0·03	0	Bijapur.
9			9	11	1		1		S 61° E	S 81° E	9·3§*	10·0	−0·7	59	+16	61	+5	383	+·027	1·9	+1·0	0	0·20	−0·20	0	0·04	−0·04	0	0·16	−0·16	0	Belgaum.
																																X.—Central India.
3	4	8	7	1	1	3	2	2	N 47° E	N 48° E	5·0	6·5	−1·5	33	−17	68	+11	·325	+·061	3·0	+1·4	0	0·40	−0·40	0	0·21	−0·21	0	0·49	−0·49	0	Neemuch.
12		3		10	1		3	2	S 46° E	N 36° E	2·8	2·4	+0·4	27	+16	66	+4	·391	+·093	3·4	+2·0	0	0·40	−0·40	0	0·13	−0·13	0	0·33	−0·33	0	Indore.
12		4	3		6	2	9		S 5° E	N 56° W	2·3	1·4	+0·9	15	−11	84	+8	·419	+·111?	3·8	+1·5	3	1·70	+1·30	1·78	0·71	+1·07	1·78	1·26	+0·52	0·78	Nowgong.
10			1	4	1	1	5	9	N 78° W	N 20° W	2·7	4·1	−1·4	27	−9	75	+5	·392	+·100	3·1	+1·9	3	1·80	+1·20	0·66	0·92	−0·28	0·66	1·35	−0·69	0·26	Sutna.
																																XI.—Central Provinces.
4				10	8	2	3	4	S		5·4‡	5·7	−0·3	45		51		·350		1·9		2			0·75	0·22	+0·53	0·75	0·81	−0·06	0·55	Buldana.
6		5	4	8	3		2	3	S 72° E	S 84° E	3·4	3·7	−0·3	30	−5	61	+6	·389	+·091	2·3	+1·1	2	0·70	+1·30	1·48	0·33	+1·15	1·48	1·08	+0·40	1·32	Akola.
13		7	6	2			2	1	N 66° E	N 87° E	4·4	4·2	+0·2	37	−24	61	+9	·402	+·075	1·5	+0·3	1	0·90	+0·10	2·35	0·35	+2·00	2·35	0·92	+1·43	2·33	Amraoti.
13		3	4	1		1	8		N 77° E	N 39° E	3·7	3·3	+0·4	10	−13	67	+11	·372	+·097	2·9	+1·9	0	0·50	−0·50	0·10	0·26	−0·16	0·10	0·69	−0·59	0·04	Khandwa.
22		3	2	1		2	1		E	N 63° E	2·1	2·8	−0·7	8	−49	76	+9	·410	+·097?	2·3	+0·9	2	0·80	+1·20	0·53	0·26	+0·27	0·53	0·79	−0·26	0·35	Hoshangabad
8	2		3	5	7	3	3		S 7° E	S 84° E	4·5	3·5	+1·0	37	+8	62	+3	·345	+·065	2·2	+0·9	2	1·50	+0·50	0·74	0·64	+0·10	0·74	1·34	−0·60	0·58	Saugor.
9		2		9	9	1	1		S 22° E	S 63° E	1·5	2·0	−0·5	53	+17	77	+2	·377	+·056	1·7	0	1	1·40	−0·40	0·50	0·72	−0·22	0·50	1·05	−0·55	0·47	Jubbulpore.
26	4	2		1	4	2	1	1	W	N 39° E	3·0	2·6	+0·4	3	−29	70	+3	·381	+·042	1·7	+0·1	1	1·20	−0·20	1·13	0·53	+0·60	1·13	1·05	+0·08	1·13	Seoni.
22	5	10	1		2			1	N 34° E	N 13° E	2·4	3·5	−1·1	42	+11	68	+7	·411	+·063	1·7	+0·4	1	1·00	0	1·06	0·43	+0·63	1·06	0·91	+0·15	1·02	Nagpur.
44	5	1	1	1	3	2		4	N 29° W		4·9			13		63		·356		2·2		1			0·30			0·30			0·30	Pendra.
12	3	2		3	2	6	1	2	S 51° W	N 13° E	2·8	2·7	+0·1	13	+3	70	+8	·394	+·047	1·3	−0·1	0	0·80	−0·80	0	0·20	−0·20	0	0·45	−0·45	0	Raipur.
10	1	1	2	3		1	2	1	S 72° E	N 68° E	2·2	2·0	+0·2	5	−23	71	0	·463	+·066	1·9	+0·8	0	0·60	−0·60	0	0·30	−0·30	0	0·64	−0·64	0	Chanda.
8	8	1	2	4	3		2	3	N 15° E					17		81		·415		1·4		0			0			0			0	Jagdalpur.

* Uncorrected for scale error. † Mean of 30 days. § Mean of 4 days.

Tab

(2) *Abstract of observations taken at 8 hrs. at 2*

Number of subdivision.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	XII.—Hyderabad.																						
28	Aurangabad	1,905	28·115	−·041	30·001	28·266	5th	27·989	26th	·277	65·8	84·5	−0·7	56·9	+2·0	70·7	+0·7	27·6	90·2	23rd	45·7	28th	44·
	Nizamabad	1,248	28·755		29·981	28·868	5th	28·623	26th	·245	67·1	86·8	+1·5	57·5	+1·1	72·1	+1·3	29·3	92·9	26th	48·7	28th	44·
	Bidar	*2,165*	27·776		29·916	27·890	8th	27·656	24th	·234	70·7	84·7		63·5		74·1		21·2	89·5	31st	58·5	30th	31·
29	Gulbarga	1,503	28·510	−·021	29·986	28·610	9th	28·392	28th	·218	68·3	88·2	+1·5	60·0	+1·5	74·1	+1·5	28·2	92·5	25th	52·3	28th	40·
	Raichur	*1,311*	28·700	+·003?	29·979	28·800	9th	28·584	28th	·216	70·0	87·7	+1·0	63·3	−0·1	75·5	+0·5	24·4	92·6	31st	59·1	28th & 30th.	33·
	Hyderabad (Deccan)	1,690	28·317	−·029	29·992	28·414	5th & 9th.	28·203	28th	·211	64·0	85·7	+1·2	59·2	+1·1	72·4	+1·1	26·5	91·8	26th	54·7	12th	37·
	Hanumkonda	877	29·146	−·022	29·992	29·254	8th	29·023	31st	·231	69·0	85·5	−0·3	62·4	−0·5	73·9	−0·4	23·1	89·5	26th & 31st.	56·7	28th	32·
	XIII.—Mysore.																						
30	Chitaldrug	2,405	27·595	−·024	29·931	27·674	5th	27·496	28th	·178	69·6	85·3	+1·5	61·2	+0·1	73·2	+0·8	24·1	90·1	31st	56·9	10th	33·
	Hassan	3,149	26·885	−·012	29·998	26·969	5th	26·786	28th	·183	65·1	83·1	+1·6	56·3	+2·2	69·7	+1·9	26·8	87·4	29th	51·9	21st	35·
	Bangalore	3,021	27·012	−·026	29·956	27·099	5th	26·906	28th	·193	64·4	82·5	+2·3	57·8	+1·0	70·2	+1·7	24·7	86·8	29th	52·8	12th & 1.th.	34·
	Mysore	2,518	27·497	−·025	29·954	27·574	5th	27·396	28th	·178	67·2	84·8	+0·8	59·8	+0·5	72·3	+0·7	25·0	88·0	29th & 31st.	54·0	13th	34·
	XIV.—Madras.																						
31	Mangalore	65	29·908	−·046	29·905	29·996	5th	29·818	28th	·178	75·7	88·3	−1·3	66·5	−1·3?	77·4	−1·6?	21·8	94·3	12th	61·8	13th	32·
	Calicut	27	29·945	−·039	29·901	30·031	5th	29·854	28th	·177	74·5	86·1	−1·5	70·5†	+0·9†	78·3†	−0·3	15·6	87·8	9th, 18th & 19th.	66·6	12th	21·
	Cochin	9	29·964	−·028	29·900	30·049	5th	29·884	28th	·165	75·3	89·5	+0·4	72·1	+0·6	80·8	+0·5	17·4	93·7	22nd	65·7	12th & 20th.	25·
	Trivandrum	198	29·702	−·010	29·892	29·851	5th	29·677	28th	·174	75·5	84·7	+1·3	72·1	+0·9	78·4	+1·1	12·6	87·5	11th	68·0	15th	19·
32	Tinnevelly	168	29·847	−·024	29·947	29·946	5th	29·711	28th	·235	75·9	89·5	+1·8	70·6	−0·8	80·2	+0·5	18·7	96·2	28th	66·9	25th	29·
	Pamban	37	29·962	−·025	29·926	30·052	5th	29·835	28th	·217	76·0	83·0	+1·1	72·7	−2·1	77·8	−0·5	10·3	85·2	29th	70·5	1st & 8th	14·
	Madurai†	447	29·558	−·016	29·951	29·666	5th	29·436	28th	230	75·1	89·5	+2·0	68·2	−0·4	78·9	+0·8	21·3	93·9	29th	62·6	14th	31·
	Pudukkottai	318	29·691		29·947	29·781	5th	29·551	28th	·227	74·2	88·3		68·2		78·2		20·1	93·7	28th	62·3	14th	31·
	Negapatam	31	29·957	−·035	29·927	30·055	5th	29·844	28th	·211	76·8	81·5	+2·7	72·4	+1·6	78·4	+2·1	12·1	88·5	31st	69·0	4 days	19·
	Trichinopoly	255	29·767	−·021	29·959	29·865	5th	29·617	28th	·248	75·1	89·0	+1·6	68·1	+0·9	78·5	+1·3	20·9	94·1	28th	62·3	14th	31·
	Coimbatore	1,341	28·664	−·026	29·959	28·755	5th	28·533	28th	·222	71·2	87·5	+0·7	63·5	−0·4	75·5	+0·1	24·0	90·9	29th & 30th.	56·3	15th	34·
	Salem	940	29·099	−·027	29·991	29·192	5th	28·958	28th	·234	72·0	88·2	−0·1	65·0	+1·3	76·6	+0·6	23·2	91·0	29th	58·4	12th, 13th & 14th.	35·
	Cuddalore	37	29·983	−·024	29·951	30·082	5th	29·837	28th	·245	73·6	85·0	+1·7	68·4	+1·1	76·7	+1·4	16·6	88·6	30th	63·2	24th & 25th.	25·
	Vellore	707	29·308		29·979	29·394	5th	29·171	28th	·223	68·8	85·3		63·4†		74·4†		21·9	91·7	29th	56·5	13th	35·
	Madras	22	30·007	−·034	29·961	30·103	5th	29·862	28th	·241	74·2	85·8	+1·1	68·0	+0·6	76·9	+0·9	17·8	90·0	29th	63·0	30th	27·
33	Cuddapah	433	29·586	−·032	29·968	29·674	9th	29·449	28th	·225	71·1	89·7	+1·3	64·2	−0·2	77·0	+0·5	25·5	95·2	31st	60·6	12th	34·
	Bellary	1,475	28·520	−·035	29·965	28·605	9th	28·405	28th	·200	68·0	89·4	+1·8	61·9	+1·4	75·6	+1·6	27·5	95·0	31st	56·8	13th	38·
	Kurnool	923	29·083	−·035	29·978	29·180	9th	28·959	28th	·221	65·1	89·0	+0·3	59·0	+0·3	74·0	+0·3	30·0	92·7	31st	53·6	13th	39·
34	Nellore	66	29·955	−·026	29·957	30·042	5th	29·808	28th	·234	72·0	86·4	+0·4	67·1	+0·8	76·7	+0·6	19·3	90·6	28th	64·1	13th	26·
	Masulipatam	15	30·026	−·031	29·976	30·131	8th	29·865	28th	·266	71·3	84·7	+1·2	65·1	−0·2	74·9	+0·5	19·6	89·8	13th	60·2	29th	29·
	Cocanada	26	30·008	−·041	29·972	30·113	5th	29·842	28th	·271	70·3	83·2	+2·2	66·0	+0·7	74·6	+1·5	17·2	90·2	24th	60·5	2nd	29·
	Waltair (Vizagapatam).	*226*	29·804	−·047	29·976	29·928	8th	29·622	28th	·306	72·8	82·6		67·8		75·2		14·8	86·1	21st	62·4	2nd	22·
	Chingapatam	19	30·016		29·975	30·151	8th	29·836	28th	·315	66·8	85·6		63·3		74·5		22·3	93·3	19th	59·5	3rd	33·
	Gopalpur	72	29·941	−·057	29·957	30·090	8th	29·750	28th	·340	66·9	84·7	+4·4	62·9	+1·7	72·8	+3·1	21·8	90·7	13th	57·5	29th	28·

N.B.—Elevations in italics indicate barometrical determinations.

NOTE.—The barometric readings are not reduced to sea-level, in the cases of hill or plateau stations, the elevations of which exceed 3,200 feet.

† Mean of 30 days.

—*continued.*

ations in India, etc., in January, 1911—continued.

Wind direction. Number of winds from N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Resultant direction.	Normal direction.	Wind velocity. Mean velocity, miles per hour.	Normal.	Departure from normal.	Wind steadiness. Actual percentage.	Departure from normal.	Hygrometry, 8 hrs. Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs., in inches of mercury.	Departure from normal in inches of mercury.	Cloud. Mean cloud amount at 8 hrs.	Departure from normal.	Rainfall. Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st Dec. 1910, to 31st Jan. 1911.	Normal rainfall for period, 1st Dec. to 31st Jan.	Departure from normal of period, 1st Dec. 1910, to 31st Jan. 1911.	Heaviest rainfall during month.	Station.
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	54	55	56	57
																															XII.—Hyderabad.
1	6	10	2		1	3	1	N 67° E		8·4			46		60	+12	·373		1·9		1	0·20	+0·80	0·57	0·26	+0·31	0·57	0·59	−0·02	0·57	Aurangabad.
2			1	2			3	N 45° W		3·1			3		67	+ 2	·413		1·8		0	0·20	−0·20	0	0·09	−0·09	0	0·23	−0·23	0	Nizamabad.
	2	3	8	4	4		2	S 31° E		5·7			39		47		·356		3·6		0	0·10	−0·10	0	0·02	−0·02	0	0·54	−0·54	0	Bidar.
3	10	9	5	3		1		N 79° E	S 86° E	6·3	7·1	−0·8	62	+30	55	− 2	·392	+·006	0·6	−0·5	0	0·20	−0·20	0	0·07	−0·07	0	0·07	−0·07	0	Gulbarga.
1	5	5	12	4	1	1	2	S 62° E	S 55° E	6·3	8·1	−1·8	49	− 4	58	− 5	·427	−·022	2·5	+1·0	0	0·10	−0·10	0	0	0	0	0	0	0	Raichur.
								(a)	S 51° E	2·3	3·6	−1·3			68	− 7	·405	−·049	2·9	+1·5	0			0	0·06	−0·06	0	0·23	−0·23	0	Hyderabad (Deccan).
6	1		7	5	1		1	S 53° E		4·6			17		67	− 6	·472		2·6		0	0·20	−0·20	0	0·23	−0·23	0	0·52	−0·52	0	Hanumkonda.
																															XIII.—Mysore.
		14	8	1	2	1	1	S 66° E	S 69° E	5·4	6·7	−1·3	58	+ 4	63	+ 5	·455	+·033?	2·3	+0·8	0	0·30	−0·30	0	0·01	−0·01	0	0·10	−0·10	0	Chitaldrug.
1	2	9	8		1	1	1	S 78° E	S 60° E	5·0	2·9	+2·1	45	−24	75	+ 3	·467	+·007	1·5	−1·2	0	0·10	−0·10	0·08	0	+0·08	0·08	0·18	−0·10	0·08	Hassan.
	8	18	2	1	1	1		N 84° E	N 87° E	7·3	5·3	+2·0	76	−16	78	0	·474	+·016	2·9	−0·1	0	0·10	−0·10	0	0·14	−0·14	0	0·62	−0·62	0	Bangalore.
	11	9	2	1	1	2		N 74° E	N 72° E	8·6	8·8	−0·2	53	−17	75	+ 2	·500	+·016	3·1	+0·6	0	0·10	−0·10	0	0	0	0	0·17	−0·17	0	Mysore.
																															XIV.—Madras.
4	6	19	1					N 73° E	S 85° E	5·3*	3·1	+2·2	82	+ 4	69	− 2	·618	+·017	2·0	+0·4	0	0·10	−0·10	0	0·05	−0·05	0	0·50	−0·50	0	Mangalore.
	1	13	8	1			2	S 75° E	N 80° E	5·4	8·4	−3·0	59	−24	81	+ 4	·688	+·027	1·9	+0·5	0	0·30	−0·30	0	0·19	−0·19	0	1·16	−1·16	0	Calicut.
1	25	5						N 50° E	N 42° E	6·0*	5·1	+0·9	99	+18	70	− 2	·612	−·029	2·2	+0·3	0	1·00	−1·00	0	0·54	−0·54	0·02	2·20	−2·18	0	Cochin.
3	14	5	1					N 52° E	N 44° E	3·9*	4·0	−0·1	62	+12	76	− 1	·672	−·005	4·1	+1·2	0	1·30	−1·30	0·07	0·63	−0·56	0·07	2·87	−2·80	0·07	Trivandrum.
16	5					1	7	N 6° W	N 13° W	5·2	5·1	+0·1	79	− 4	76	− 2	·681	−·014	5·2	+2·7	0	1·50	−1·50	0·17	1·02	−0·85	0·20	4·77	−4·57	0·03	Tinnevelly.
9	20							N 31° E	N 15° E	8·4	11·4	−3·0	89	+45	83	− 2	·739		3·7		5	2·20	+2·80	1·22	1·33	−0·11	1·43	11·64	−10·18	0·34	Pamban.
10	10	3				1	5	N 15° E	N 3° E	8·0	5·1	+2·9	72	− 7	76	+ 2	·631	+·029	5·4	+2·6	1	0·80	+0·20	0·10	0·24	−0·14	0·18	2·11	−1·93	0·10	Madura.
12	10				1		3	N 79° E		9·0			68		75		·633		3·9		0			0·01			0·01			0·01	Pudukkottai.
	12						19	N 12° W	N 1° W	12·7	7·8	+4·9	76	+15	80	− 2	·737	+·023	5·2	−0·3	3	1·90	+1·10	1·20	1·37	−0·17	1·20	14·16	−12·96	0·45	Negapatam.
10	7	3				2	1	N 18° E	N 18° E	4·1*	4·4	−0·3	56	+ 8	74	− 3	·641	+·009	2·9	−0·1	0	0·60	−0·60	0	0·27	−0·27	0	3·03	−3·03	0	Trichinopoly.
17								N 45° E	N 67° E	3·3	2·9	+0·4	56	−16	85	+ 1	·654	+·036	3·7	+1·2	0	0·50	−0·50	0	0·16	−0·16	0	1·29	−1·29	0	Coimbatore.
2	5	11				1		N 67° E	N 50° E	4·2	4·8	−0·6	46	+ 4	78	+ 3	·615	+·030	3·0	+0·6	0	0·30	−0·30	0	0·23	−0·23	0	1·49	−1·49	0	Salem.
7					1		14	N 33° W	N 21° W	6·9	2·6	+4·3	62	−17	85	− 3	·701	−·009	3·7	−0·5	1	1·20	−0·20	0·13	0·80	−0·67	0·32	8·99	−8·67	0·11	Cuddalore.
					1			S 45° W		3·0			3		86		·608		3·0		0	0·70	−0·70	0	0·49	−0·49	0	3·37	−3·37	0	Vellore.
10	5			2	2	6	6	N 30° W	N 16° E	5·5*	5·7	−0·2	53	− 5	84	+ 2	·707	+·018	2·5	−0·9	0	2·10	−2·10	0	0·52	−0·52	0·05	6·54	−6·49	0	Madras.
1	3	6	14	1	4		2	S 56° E	S 65° E				53	− 1	74	− 1	·571	−·010	1·7	+0·2	0	0·20	−0·20	0	0·16	−0·16	0	1·30	−1·30	0	Cuddapah.
1		2	5	4	1	1	2	S 22° E	S 36° E	2·6	3·6	−1·0	20	−22	59	− 7	·404	−·051	2·1	+0·5	0	0·10	−0·10	0	0·03	−0·09	0	0·20	−0·20	0	Bellary.
1	4	2		2				S 77° E	S 80° E	3·9*			17	+13	72	+ 4	·443	−·019	1·2	0	0	0·20	−0·20	0	0·07	−0·07	0	0·19	−0·19	0	Kurnool.
3	3	1		2	1	2	19	N 39° W	N 51° W	4·3*	3·7	+0·6	66	+15	83	− 3	·649	−·026	4·6	+0·9	0	0·50	−0·50	0	0·55	−0·55	0	2·19	−2·19	0	Nellore.
	2	5	11	7	1			S 44° E	N 14° E	4·9	4·6	+0·3	62	−13	87	+ 1	·662	+·019	2·0	+0·2	0	0·30	−0·30	0	0·07	−0·07	0	0·85	−0·85	0	Masulipatam.
8	5	1				1	13	N 15° W	N 7° W	6·7	7·8	−1·1	72	− 9	74	+ 1	·556	+·014	3·5	+1·8	0	0·40	−0·40	0	0·11	−0·11	0	0·91	−0·91	0	Cocanada.
	7				4	19	1	N 81° W	N 78° W	6·3			59	+10	65	− 1	·527	−·025	2·2	+0·8	0	0·60	−0·60	0	0·16	−0·16	0	1·96	−1·93	0	Waltair (Vizagapatam).
6	2					6	17	N 42° W		5·4			81		82		·528		1·9		0			0			0			0	Calingapatam.
13					2		13	N 27° W	N 21° W	9·6	8·4	+1·2	79	− 2	75	− 2	·493	−·006	0·7	−0·7	0	0·40	−0·40	0	0·12	−0·12	0	0·87	−0·87	0	Gopalpur.

* Uncorrected for scale error.

(a) Indeterminate.

Table

(2) *Abstract of observations taken at 8 hrs. at 239*

Number of subdivision.	Station.	Elevation of barometer above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	Bay Islands.																						
1	P. V. Fraser	8	30·013*		29·965*	30·200	5th & 8th.	29·840	28th	·360	75·2												
	Port Blair	58	29·914	−·026	29·902	30·003	5th	29·810	28th	·193	77·3	86·2	−0·2	74·1	−1·4	80·1	−0·8	12·1	87·7	16th	70·0	29th	17·7
	Slipper Island	90	29·892		29·917	29·998	5th	29·763	28th	·235	78·1	82·5		74·4		78·4		8·1	84·1	5th & 31st	72·1	23rd & 28th.	12·0
	Kashmir.																						
14	Muzaffarabad	2,475	27·577		30·189	27·928	8th	27·202	26th	·626	44·5	57·6		39·3		48·5		18·3	67·9	23rd	33·2	4th	34·7
	Srinagar	5,204	24·928	−·069	24·899	25·146	10th	24·476	26th	·670	31·4	37·9	−1·1	29·7	+3·3	33·8	+1·1	8·2	43·1	1st	20·1	28th	23·0
	Gulmarg	*8,569*									Observations not received.												
	Sonemarg	*8,764*	21·749		21·717	22·007	22nd	21·351	26th	·656	22·5	28·8		17·2		23·0		11·6	36·4	1st	−18·9	30th	55·3
	Dras	*10,059*	20·682	−·097	20·650	20·943	22nd	20·255	26th	·688	8·2	22·3	+3·0	−2·7	+7·0	9·8	+5·0	25·0	32·9	23rd, 24th & 25th.	−38·0	30th & 31st.	70·9
	Leh	11,503	19·581	−·080	19·549	19·889	22nd	19·173	26th	·716	12·8	27·5	−2·3	9·5	+0·7	18·5	−0·8	18·0	40·1	24th	−12·0	31st	52·1
	Skardu	*7,505*	22·857	−·098	22·827	23·104	16th	22·417	26th	·687	21·4	32·9	−1·9	17·8	+0·9	25·3	−0·5	15·1	44·9	24th	−4·9	31st	49·8
	Minimarg	*9,359*									19·5	37·4		12·3		24·8		25·1	49·3	5 days	−6·0	28th	55·3
	Astor	*7,955*	22·375		22·345	22·632	16th	21·902	26th	·730	25·5	38·2		2·7		20·5		35·5	47·9	16th	−10·8	30th	58·7
	Gilgit	4,890	25·133		25·106	25·402	16th	24·682	26th	·720	37·0	44·0	−1·2	31·5	+2·9	39·2	+0·9	9·5	51·2	24th	29·7	31st	21·5
	Baluchistan.																						
16	Quetta	5,502	24·816	−·071	24·576	24·754	8th	24·393	28th	·361	33·2	43·2	−8·1	29·3	0	36·3	−4·1	13·9	56·6	24th	16·2	31st	40·4
	Chaman	4,311	25·697	−·075	25·659	25·860	8th	25·461	28th	·399	38·6	46·7	−5·9	31·5	−1·4	40·6	−3·7	12·2	58·8	19th	20·2	31st	38·6
	Robat		26·898		26·856	27·093	9th	26·543	2nd	·550	40·9	51·7		35·6		43·6		16·1	64·0	23rd	25·3	31st	38·7
	Pasni‡		29·988		29·958	30·178	31st	29·856	28th	·322	58·4	70·3†		55·2		62·7†		15·1	75·5	23rd	48·5	27th	27·0
	Hill Stations excluding Kashmir and Baluchistan.																						
	Chitral	*5,486*									33·2	40·2		30·8		35·5		9·4	47·1	24th	24·0	30th	23·1
	Para Chinar	6,000	24·419		24·386	24·615	15th	24·035	26th	·610	32·5	43·7		27·6		35·6		16·1	53·0	24th	17·4	27th	35·6
	Cherat	*4,256*	25·721	−·048	25·689	25·963	5th	25·290	26th	·673	39·4	45·5	−3·7	36·9	−1·0	41·2	−2·3	8·6	58·2	24th	28·5	27th & 28th.	29·7
	Murree	6,333	23·805	−·059	23·773	24·011	22nd	23·422	26th	·589	35·8	41·3	−5·9	32·7	−2·5	37·0	−4·2	8·6	55·6	23rd	25·2	27th	30·4
	Simla	7,232	23·076	−·029	23·038	23·237	9th	22·759	26th	·478	40·0	46·1	+1·6	36·2	+1·7	41·2	+1·7	9·9	60·2	22nd	23·3	28th	36·9
	Sarain		23·140		23·102	23·299	9th	22·819	26th	·480	31·3	42·3		23·5		35·4		13·8	59·1	23rd	17·3	5th	41·8
	Kalabagh										Observations not received.												
	Chakrata	7,022	23·263	−·036	23·223	23·427	9th	22·981	28th	·446	39·9	49·4	−1·2	35·1	−1·1	42·2	−1·1	14·3	78·2	23rd	18·7	4th	59·5
	Muktesar	7,592	22·825	−·024	22·784	22·983	9th	22·506	28th	·480	42·0	49·8	+0·2	36·4	+1·0	43·1	+0·6	13·4	63·0	22nd	22·5	28th	40·5
	Darjiling	7,376	22·975	−·014	22·930	23·156	5th	22·587	28th	·569	41·9	48·5	+1·7	37·9	+3·1	43·2	+2·4	10·6	56·8	5th	27·7	28th & 29th	29·1
	Shillong	4,920	25·139		25·091	25·294	5th	24·829	28th	·465	47·0	61·8		41·1		51·4		20·7	65·9	16th & 17th.	27·7	29th	38·2
	Cherrapunji	4,309	25·700		25·651	25·801	8th	25·408	28th	·393	52·6	59·5		45·8		52·6		13·7	65·7	6th	33·6	29th	32·1
	Maymyo	3,545	26·471	−·031	26·416	26·603	4th	26·259	29th	·344	48·4	69·9	−1·4	41·4	+3·1	55·7	+0·9	28·5	75·0	8th	33·6	31st	41·4
	Pachmarhi	3,528	26·537	−·020	26·481	26·650	5th	26·353	26th	·297	60·6	72·8	+1·5	52·8	+5·3	62·8	+3·4	20·0	78·0	5 days	44·1	29th	33·5
	Mount Abu	3,945	26·086	−·052	26·036	26·199	22nd	25·848	26th	·351	57·3	65·9	−0·7	52·3	+1·1	59·1	+0·2	13·6	75·2	23rd & 24th.	37·9	5th	37·3
	Mercara	3,781	26·272	−·021	26·205	26·356	5th	26·177	28th	·179	62·1	78·5	+0·8	57·1	+0·5	67·8	+0·7	21·4	81·5	19th, 29th & 31st.	51·0	28th	30·5
	Ootacamund	*7,327*	23·078		23·014	23·147	5th	23·011	28th	·136	55·8	66·8		44·8		55·8		22·0	70·0	8th & 29th	37·2	26th	32·8
	Kodaikanal	7,688	22·839	−·034	22·774	22·901	1st & 5th.	22·769	28th	·132	55·0	64·8	+1·9	48·0	+1·1	56·4	+1·5	16·8	72·0	15th	43·0	26th	29·0

N.B.—Elevations in italics indicate barometrical determinations.

* Mean of 29 days.
† ,, ,, 12 ,,
‡ ,, ,, 13 ,,

NOTE.—The barometric readings are not reduced to sea-level, in the cases of

B—*continued.*

stations in India, etc., in January, 1911—continued.

Wind direction. Number of winds from Calm. (25)	N. (26)	N.E. (27)	E. (28)	S.E. (29)	S. (30)	S.W. (31)	W. (32)	N.W. (33)	Resultant direction. (34)	Normal direction. (35)	Wind velocity. Mean velocity, miles per hour. (36)	Normal. (37)	Departure from normal. (38)	Wind steadiness. Actual percentage. (39)	Departure from normal. (40)	Hygrometry, 8 hrs. Mean humidity at 8 hrs. (41)	Departure from normal. (42)	Mean vapour tension at 8 hrs. in inches of mercury. (43)	Departure from normal in inches of mercury. (44)	Cloud. Mean cloud amount at 8 hrs. (45)	Departure from normal. (46)	Rainfall. Number of rainy days. (47)	Normal number of rainy days. (48)	Departure from normal. (49)	Rainfall of month. (50)	Normal rainfall of month. (51)	Departure from normal. (52)	Total rainfall from 1st Dec., 1910 to 31st January 1911. (53)	Normal rainfall for period, 1st Dec. to 31st January. (54)	Departure from normal of period, 1st Dec., 1910 to 31st January, 1911. (55)	Heaviest rainfall during month. (56)	Station. (57)
																																Bay Islands.
2	4	4	1			5	6	9	N 50° W					52		76		·665		2·3		0			0			0			0	P. V. Fraser.
8	5	10	4				1	3	N 30° E	N 23° E	3·9	6·5	−2·6	53	−12	78	− 3	·734	−·047	2·3	−1·8	0			0	1·02	−1·02	6·04	7·64	− 1·60	0	Port Blair.
9	5	12	2		1		1	1	N 34° E		6·4			53		69		·657		3·7		1			0·28			1·45			0·28	Slipper Island.
																																Kashmir.
	4	9	5	6	2	4		1	N 81° E		1·3			39		60		·201		7·7		15			11·02			13·97			2·95	Muzaffarabad.
11	2	1		7	5		1	4	S 23° E	S 26° E	2·8	3·1	−0·8	17	− 1	83	− 8	·145	−·001	9·3	+1·4	17	6·40	+10·60	6·66	3·49	+3·17	8·02	4·40	+ 3·62	0·98	Srinagar.
													Observations not received.																			Gulmarg.
28		1		1	1				S 52° E		0·9			3		84		·109		8·5		21			22·10			31·63			4·15	Sonemarg.
24		3	2				1	1	N 41° E		1·0			13		90	+ 2	·068		8·0		20	8·70	+11·30	7·31	2·59	+4·75	9·48	4·04	+ 5·44	0·82	Dras.
25	1	5							N 38° E	S 13° W	1·0	1·6	0	20	−18	66	+13	·058	+·022	7·9	+1·2	2	0·80	+1·20	0·51	0·31	+0·20	0·87	0·50	+ 0·37	0·17	Leh.
26		1	1		1	2			S 11° E		1·1			5		90	− 5	·109		9·0		8	3·00	+5·00	2·87	0·75	+2·12	3·27	1·06	+2·21	0·95	Skardu.
25			3				2	1	N 23° E		1·7			2		80		·089		3·7		20			12·21			19·88			1·88	Minimarg.
21			7	1	1	1			S 71° E		1·3*			23		76		·110		8·7		13			4·82			4·85			0·80	Astor.
28							3		W		0·6			10		80	+13	·177	+·034	8·9	+2·0	6	0·30	+5·70	1·31	0·21	+1·10	1·42	0·30	+1·12	0·25	Gilgit.
																																Baluchistan.
8		1	2	8	6	1	1	4	S 23° E	N 13° W	4·1	2·9	+1·2	33	+28	89	+10	·169	+·021	5·6	+1·9	12	4·80	+7·20	5·41	2·03	+3·38	6·59	2·81	+ 3·75	1·64	Quetta.
12	1	1	3	4	7	1	1	1	S 27° E	S 58° E	6·5	6·8	−0·3	30	−30	82	+14	·195	+·030	6·2	+1·8	8	3·40	+4·60	3·71	1·30	+2·41	5·07	2·22	+ 2·85	1·15	Chaman.
5		8	4			14			S 3° W		6·5			14		75		·194		5·5		5			1·54			2·95			0·50	Robat.
1	3		2		1		2	4	N 31° W		7·7§			46		80		·413		3·5		2			0·70			0·70¶			0·50	Pasni.
																																Hill Stations excluding Kashmir and Baluchistan.
29	1				1				(a)		0·4					87		·133		** 10·0		11			4·88			5·98			0·80	Chitral.
27	2				1		1		N 45° W		3·0			3		88		·168		7·0		10	1·00	+9·00	6·24	0·63	+5·61	7·96	1·42	+6·54	1·77	Para Chinar.
1	11	1		4	3	1		10	N 19° W	N 12° W	15·7	13·4	+2·3	43	−27	76	+17	·180	+·029	7·9	+3·1	14			5·97	2·07	+3·90	6·41	3·07	+ 3·34	0·98	Cherat.
3	1	1		18	7			1	S 36° E	S 62° E	11·4	9·0	+2·4	69	+20	79	+17	·164	+·028	8·5	+3·2	16	2·80	+13·20	9·96	3·67	+6·29	12·88	4·81	+ 8·07	1·37	Murree.
																61	+ 8	·148	+·026	6·2	+1·5	11	3·60	+7·40	10·01	2·71	+7·33	11·76	3·94	+ 7·82	2·56	Simla.
22			1		4	4			S 16° W		1·3			23		91		·163		6·5		11			18·28			18·56			3·70	Sarain.
													Observations not received.																			Kalabagh.
5	22			1	3				N 2° E	N 34° E	6·2	5·7	+0·5	59	+14	62	+ 4	·146	+·015	5·8	+1·7	11	5·00	+6·00	16·35	3·73	+12·62	18·09	4·89	+13·20	2·89	Chakrata.
5		3	5	1		4	13		S 80° W		11·3			27		58	+ 1	·147		5·5		3			5·48	2·36	+ 3·12	5·75	3·08	+ 2·67	1·17	Muktesar.
27			1	1			2		S 23° W	S 57° E	1·8	3·7	−1·9	2	−21	87	+ 5	·232	+·042	7·7	+3·5	1	1·71	−0·71	1·09	0·71	+0·38	1·11	0·94	+0·17	0·90	Darjiling.
26					1	3	1		S 45° W		2·1			13		76		·249		1·6		2	1·50	+0·50	1·83	0·53	+1·30	1·83	0·81	+ 1·02	1·38	Shillong.
15	1	2	2	1	1	6	3		S 42° W		6·1			13		77		·307		3·0		3	1·70	+1·20	3·12	0·83	+2·29	3·12	1·04	+ 2·08	1·73	Cherrapunji.
24					2	5			S 33° W		2·1			20		94	+ 6	·324		1·8		0	0·20	−0·20	0	0·06	−0·06	0	0·51	− 0·51	0	Maymyo.
14	3			1	3	4	4	2	S 74° W	S 3° E	4·1	3·5	+0·6	23	+ 5	62	+ 4	·331	+·043	1·2	−0·7	1	1·50	−0·50	0·19	0·65	−0·46	0·19	1·12	−0·93	0·14	Pachmarhi.
5	1		1		3	7	6	8	S 85° W	N 2° W	5·5‖	5·2	+0·3	49	+31	49	+ 5	·239	+·034	4·6	+2·9	0	0·70	−0·70	0·15	0·33	−0·18	0·15	0·54	− 0·39	0·09	Mount Abu.
9	2	9	10					1	N 60° E	N 74° E	4·8	5·0	−0·2	59	−15	82	+ 7	·449	+·031	2·9	−0·2	0	0·20	−0·20	0·02	0·02	0	0·02	0·53	− 0·51	0·02	Mercara.
5		3	11	8	3		1		S 70° E		6·0			62		46		·198		2·0		1	0·60	+ 0·40	0·19	0·35	−0·16	0·19	2·00	−1·81	0·19	Gotacamund.
	4	4	15	6			1	1	N 81° E		15·7§			66		45	−14	·186		3·1		1	1·40	− 0·40	0·21	2·82	−2·61	0·21	7·94	−7·73	0·17	Kodaikanal.

hill or plateau stations, the elevations of which exceed 3,200 feet.

‖ Mean of 21 days.

** " " 8 "

§ Uncorrected for scale error.

(a) Indeterminate.

¶ Rainfall since 18th January, 1911.

Tab

(2) *Abstract of observations taken at 8 hrs. at 2*

Number of sub-division.	Station.	Elevation of bar-cistern above sea-level in feet.	Pressure 8 hrs. in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
	Extra India.																						
	Singapore (a)	10	29·937		29·868	30·050	5th	29·848	28th	·182	79·3	85·1		72·2		78·7		12·9	91·0	28th	70·2	14th & 15 h.	2
	Penang (a)	20	29·959		29·904	29·995	6th	29·887	24th	·108	79·4	88·3		73·5		81·2		15·4	91·0	19th & 22nd.	71·0	19th	2
	Trincomalee	99									74·6	82·7	−0·6	73·2	−1·4	78·0	−1·0	9·5	87·0	28th & 31st.	68·0	31st	1
	Colombo	24	29·927	−·039	29·877	30·003	2nd	29·846	28th	·157	70·6	87·4	−0·1	70·0	−2·1	78·7	−1·1	17·4	90·0	6th & 22nd.	64·5	27th & 28th.	2
	Minicoy	7	29·982			30·050	5th	29·915	28th	·135													
	Amini Divi	*13*	29·975	−·030	29·916	30·072	5th	29·899	28th	·173	80·6	86·7	+2·5	71·7	−2·2	79·2	+0·1	15·0	88·8	25th & 27th.	67·0	13th & 23rd.	2
	Gyantse	13,120	17·024		16·985	17·150	10th	16·660	28th	·490	13·6	44·2		6·5		25·4		37·7	49·1	14th	−2·6	29th	5
	Pharijong‡‡	14,400									15·4	49·9		0·2		25·0		49·7	68·1	12th	−12·2	6th	8
	Gangtok	5,660[illegible]									46·6	59·3		39·9		49·6		19·4	65·7	20th	33·6	31st	3
	Gartok (c)	14,140			Observations not received.																		
	Kashgar (c)	4,255	25·600			26·030	18th	25·290	26th	·740	17·5	30·3	−2·1	14·0	+1·5	22·2	−0·3	16·3	39·9	26th	7·1	9th	3
	Kabul				Observations rejected.																		
	Meshed	3,104	26·743		26·721	27·086	9th	26·164	22nd	·922	22·9	38·8		10·4	−11·8	24·6		28·4	48·4	3rd	+4·2	13th	52
	Jask ‡	13	30·035	−·092	30·002	30·212	31st	29·814	28th	·398	58·9	68·1	−5·7	56·7	−3·6	62·4	−4·7	11·4	74·3	7th	51·8	4 days	22
	Muscat	20	30·048	−·073	30·016	30·225	31st	29·832	28th	·393	66·0	72·9	+0·7	64·1	−2·0	68·6	−0·7	8·8	81·8	1st	61·1	4 days	20
	Bahrein	18	30·120		30·092	30·335	30th	29·747	21st	·588	54·9	60·2		51·9		56·0		8·3	68·4	22nd	42·5	29th	25
	Bushire	14	30·073	−·061	30·050	30·302	30th	29·695	21st	·607	46·5	55·6	−8·5	43·6	−8·1	49·6	−8·3	12·0	62·3	22nd	35·0	31st	27
	Busrah	25	30·134‡		30·124‡	30·357	5th	29·867	27th	·490	45·9	50·9		36·3		43·6		14·6	69·1	6th	24·3	22nd	35
	Kerman										29·9	47·7		23·9		35·7		23·8	69·3	16th	10·9	31st	58
	Ispahan (b) (k)	*5,817*	24·168			24·400	1st	23·870	29th	·530	18·0	34·2	−12·2	15·9	−7·2	25·1	−9·7	18·3	45·4	2nd	6·2	13th	39
	Tehran (b)	*4,002*	25·863			26·150	9th	25·490	22nd	·660	19·6	36·0	−6·3	15·1	−11·1	25·6	−8·7	20·9	49·5	1st	−4·5	23rd	54
	Baghdad	127	30·004	−·022	30·117	30·276	30th	29·605	21st	·671	35·7	49·4	−10·7	32·7‡	−5·5‡	41·2‡	−8·1	16·7	61·4	3rd	23·8	30th	37
	Beirut§	111			30·002						52·1	59·2		46·6		52·9		12·6	76·8	15th	33·1	29th	43
	Aden	94	29·939	−·043	29·967	30·065	5th	29·825	16th	·240	75·9	81·0	+0·4	73·9	+1·1	77·4	+0·7	7·1	84·6	25th & 30th.	69·9	1st	14
	Perim	201	29·803	−·022	29·947	29·918	2nd	29·711	21st	·207	76·5	82·9	+0·2	74·2	+0·7	78·5	+0·5	8·7	84·5	21st	72·3	1st	12
	Zanzibar	72	29·888	−·023	29·884	29·938	2nd	29·819	24th	·169	82·1	86·3	+0·8	80·5	+0·9	83·6	+0·9	6·3	90·8	30th	76·8	31st	14

N.B.—Elevations in italics indicate barometrical determinations.

NOTE.—The barometric readings are not reduced to sea-level, in the cases of hill or plateau stations, the elevations of which exceed 3,000 feet.

(a) 9 hrs. observations. (b) Aneroid uncorrected. ‡‡ Mean of 15 days. § 8½ hrs. observations.

(c) Aneroid corrected. (k) 7 hrs. observations.

B—*concluded.*

tations in India, etc., in January 1911—concluded.

Wind direction. Number of winds from N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Resultant direction.	Normal direction.	Wind velocity. Mean velocity, miles per hour.	Normal.	Departure from normal.	Wind steadiness. Actual percentage.	Departure from normal.	Hygrometry, 8 hrs. Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs. in inches of mercury.	Departure from normal in inches of mercury.	Cloud. Mean amount at 8 hrs.	Departure from normal.	Rainfall. Number of rainy days.	Normal number of rainy days.	Departure from Normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st Dec., 1910, to 31st Jan. 1911.	Normal rainfall for period, 1st Dec., to 31st January.	Departure from normal of period, 1st Dec., to 31st January, 1910.	Heaviest rainfall during month.	Station.
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	54	55	56	57
																															Extra India.
6	8					1	2	N 14° E		3·5*			43						6·7		20			11·97			20·70			1·70	Singapore, (a)
10	12	2	4		1		2	N 34° E		10·0*			62								5			4·00			8·24			2·02	Penang, (a)
	20	1			4		2	N 41° E	N 30° E	6·5*	7·7	−1·2	56	− 9	83	+ 4	·710	−·067	5·0	+1·0	6			3·60	5·38	− 1·78	18·49	21·28	− 2·79	0·90	Trincomalee.
12	7						1	N 14° E	N 37° E	4·5*	8·1	−4·2	62	−19	93	+19	·699	−·070	6·3	+2·7	8			5·89	3·20	+ 2·69	10·66	9·99	+ 0·67	3·10	Colombo.
13	11	5					2	N 27° E	N 42° E	4·1	6·4	−2·3	81						2·6		2			0·88	2·09	− 1·21	0·88	6·75	− 5·87	0·48	Minicoy.
16	5					1	5	N 2° E		5·7			74		72	− 1	·750	−·038	3·4	−0·1	0			0	0·19	− 0·19	0	0·51	− 0·51	0	Amini Divi.
		2	3	1			1	S 56° E		3·6			10		79		·069		0·6		0			0			0			0	Gyantse.
3		2		3				E †		8·2*†			25								1			0·15			0·18			0·15	Phari Jong.
							1	S 45° E		1·3			3		37		·277		4·5		5			1·66			1·96			0·85	Gangtok.
										Obse	vations not	received.												**			**			**	Garton.
								(d)	N 56° W	0·2	0·0	−0·4			8.	?	·061	?	7·7		1			0·10	0·27	− 0·17	0·10	0·46	− 0·36	0·10	Leh.
										Obser	vations re	jected.																			Kabul.
1				2		1	3	N 72° W		2·3			40		89		·116		4·5		4			1·36	0·41	+ 0·95	2·34	1·11	+ 1·23	0·75	Meshed.
13	7	4				1	5	N 11° E	N 18° E	10·7	12·0	−1·3	72	+ 1	76	+ 3	·380	−·063	4·3	+2·4	9			4·46	0·87	+ 3·59	6·60	1·65	+4·95	1·62	Jask.
			2			11	7	N 82° W	S 59° W	8·0	4·7	+3·2	37	+ 4	71	+ 2	·460	−·026	6·5	+4·0	5			2·63	1·28	+ 1·35	4·14	1·54	+2·60	1·00	Muscat.
6			2	3		7	13	N 54° W		9·5			58		76		·335		4·3		1			0·42			3·34			0·15	Bahrein.
7	5	1	3		2		10	N 7° W	N 58° E	12·1	8·0	+4·1	48	− 8	83	+ 5	·269	−·080	4·5	+1·2	8			4·22	3·12	+ 1·10	15·72	6·36	+9·36	2·16	Bushire.
1	1	3	4	1	2	11	7	N 85° W		6·1*			36		71		·224		4·5		3			1·29			3·74			0·63	Busrah.
2	2	4	2	5	5	7	1	S 34° W		5·8			25		41		·072		4·2		5			1·09			3·47			0·26	Kerman.
2		3		4	1	5	1	W	S 79° W	2·1	3·1	−1·0	16	−16	?		?		3·3	−0·2	3			0·71	0·26	+ 0·45	5·72	0·80	+4·92	0·36	Ispahan.
8	10	1			1		2	N 21° E	N 16° E	2·1	2·9	−0·3	52	+ 6	83¶	+16	·099¶	−·030	3·1	−0·7	7			1·85	1·29	+ 0·56	3·56	2·66	+0·90	0·37	Tehran.
3	2		1	3		1	6	N 31° W	N 8° W	8·9	3·2	+5·7	19	− 6	68¶	−12	·182¶	−·092	3·8	+1·2	6			2·43	1·38	+1·05	3·42	3·02	+ 0·40	0·80	Baghdad.
5	9	4	3	1	7	1		N 67° E					23		64		·254		6·1		11			6·42			12·22			2·74	Beirut.
3	21	3			1			N 45° E	N 80° E	12·6	13·5	−0·9	76	+ 2	79	+ 4	·699	+·047	6·0	−0·4	1			0·84	0·32	+ 0·52	0·93	0·69	+0·24	0·73	Aden.
2	1	10	11	3		3	1	S 65° E	S 81° E	17·0	19·8	−2·8	52	−31	79	+ 3	·730	+·046	5·1	−0·1	2			1·13	0·34	+ 0·79	1·27	0·42	+0·85	0·71	Perim.
13	16	1						N 21° E	N 28° E	7·0	7·8	−0·8	87	+10	73	−	·863	−·004	6·1	−0·1	1			0·54	2·94	− 2·40	8·62	8·46	+0·16	0·44	Zanzibar.

* Uncorrected for scale error.
¶ Mean of 29 days.
(d) Indeterminate.

† Mean of 8 days.
‡ " " 35 "

†† The total rainfall for December, 1910, is not included.
** Snow water.

Table C.—Abstract of observations taken at 8 hrs. at fourth class stations in India, etc., in January, 1911. 34

Tabl

Abstract of observations taken at 8 hrs., at 34 fourt

Number of subdivision.	Station.	Temperature of air.													Wind direction.										
		Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range during month.	Number of winds from: Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Resultant direction.	Normal direction.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
	II.—Eastern Bengal and Assam.																								
4	Bishnath	57·7	75·4	...	49·5	...	62·5	...	25·9	80·7	19th	38·7	29th	42·0	...	...	...	...	...	...	...	...	...	...	...
	Borjuli	56·7	75·8	...	50·1	...	62·9	...	25·7	81·6	2nd	39·4	29th	42·2	...	...	...	...	...	...	...	...	...	...	...
	Chandkhira	54·7	80·1	...	49·4	...	64·7	...	30·7	84·3	15th	41·8	30th	42·5	...	...	...	...	...	...	...	...	...	...	...
	Doom Dooma	54·4	74·6	...	51·0	...	62·8	...	23·6	79·3	15th	40·2	30th	37·1	...	...	...	...	...	...	...	...	...	...	...
	Dikom	53·6	74·2	...	49·6	...	61·9	...	24·6	79·4	19th	41·2	29th	38·2	...	...	...	...	...	...	...	...	...	...	...
	Golaghat	59·3	59·7	...	52·1	...	55·9	...	7·6	65·1	14th	33·6	3rd	31·5	...	...	...	...	...	...	...	...	...	...	...
	Hailakandi	...	...	...	...	...	...	...	...	Not	received.	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jorehat	58·5	72·0	...	52·5	...	62·3	...	19·5	78·9	15th	42·3	30th	36·6	...	...	...	...	...	...	...	...	...	...	...
	Messa	60·8	80·9	...	50·3	...	65·6	...	30·6	85·5	14th	39·0	29th	46·5	...	...	...	...	...	...	...	...	...	...	...
	Panerihat	57·5	75·6	...	52·1	...	63·9	...	23·5	81·1	24th	38·0	29th	43·1	...	...	...	...	...	...	...	...	...	...	...
	Srimangal	58·4	81·0	...	50·4	...	65·7	...	30·6	84·9	11th	43·2	29th	41·7	...	...	...	...	...	...	...	...	...	...	...
5	Brahmanbaria	64·3	80·8	...	54·6	...	67·7	...	26·2	84·8	12th	45·3	29th	39·5	...	...	...	...	...	...	...	...	...	...	...
	Dam Dim	55·2	84·0	...	49·1	...	66·5	...	34·9	87·4	21st	40·0	29th	47·4	...	...	...	...	...	...	...	...	...	...	...
	Goalundo	63·0	80·4	...	52·0	...	66·2	...	28·4	86·2	27th	40·5	29th	45·7	...	...	...	...	...	...	...	...	...	...	...
	Kalchini	62·6	76·8	...	49·1	...	62·9	...	27·7	82·6	10th	40·9	29th & 31st.	41·7	...	...	...	...	...	...	...	...	...	...	...
	Nagrakata	61·0	75·7	...	55·0	...	65·3	...	20·7	80·1	19th	40·0	28th	40·1	...	...	...	...	...	...	...	...	...	...	...
	Pabna	61·4	79·9	...	54·2	...	67·1	...	25·7	80·0	27th	47·4	29th	38·6	...	...	...	...	...	...	...	...	...	...	...
	XI.—Central Provinces.																								
24	Chhindwara	57·9	80·1	...	52·2	..	66·2	...	27·9	85·7	22nd	41·4	28th	44·3	...	4	1	...	...	2	6	10	8	N 78° W	...
	XIV.—Madras.																								
33	Anantapur	69·0	88·1	...	61·0	...	74·6	...	27·1	97·0	27th	55·1	11th	41·9	...	...	...	...	...	...	...	...	...	...	...
34	Guntur	70·1	88·7	...	63·3	...	76·0	...	25·4	92·5	31st	54·2	26th	38·3	...	...	...	...	...	...	...	...	...	...	...
	Bay Islands.																								
1	Car Nicobar	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kashmir.																								
14	Jammu	52·9	63·0	...	50·0	...	56·5	...	13·0	76·6	23rd	42·0	28th	34·6	...	18	7	3	1	2	...	...	...	N 24° E	...
	Kargil	15·2	28·0	...	10·8	...	19·4	...	17·2	41·3	24th	—1·8	31st	43·1	...	...	5	19	7	...	...	...	...	S 88° E	...
	Hill Stations, exclusive of Kashmir.																								
	Panighatta	62·1	75·2	...	56·1‡	...	65·7	...	19·1	78·5	17th	51·4	8th	27·1	...	..	...	...	...	...	...	...	...	...	...
	Kurseong	50·3	57·3	...	50·6§	...	53·9	...	6·7	62·7	5th	41·5	30th	21·2	...	...	...	...	...	...	...	...	...	...	...

C.

class stations in India, etc., in January, 1911.

Wind velocity.			Wind steadiness.		Hygrometry, 8 hrs.				Cloud.		Rainfall.									Heaviest rainfall during month.	Station.
Mean velocity, miles per hour.	Normal.	Departure from normal.	Actual percentage.	Departure from normal.	Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs. in inches of mercury.	Departure from normal in inches of mercury.	Mean cloud amount at 8 hrs.	Departure from normal.	Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st December, 1910, to 31st January, 1911.	Normal rainfall for period, 1st December to 31st January.	Departure from normal of period, 1st December, 1910, to 31st Jan., 1911.		
27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
																					II.—Eastern Bengal and Assam.
...	...	...	...	...	90	...	·434	...	...	...	5	...	...	2·81	...	...	2·83	...	...	1·20	Bishnath.
...	...	...	...	...	92	...	·431	...	...	...	5	...	...	2·09	...	...	2·23	...	...	0·77	Borjuli.
...	...	...	...	...	94	...	·405	...	...	...	2	...	...	6·39	...	...	6·39	...	...	3·64	Chandkhira.
...	...	...	...	...	96	...	·408	...	...	...	5	...	...	2·41	...	...	3·19	...	...	0·93	Doom Dooma.
...	...	...	...	...	96	...	·401	...	...	...	5	...	...	2·93	...	...	4·16	...	...	1·20	Dikom.
...	...	...	...	...	100	...	·491	...	...	...	4	...	...	2·75	...	...	2·75	...	...	1·20	Golaghat.
...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	Hailakandi.
...	...	...	...	...	94	...	·461	...	...	...	5	...	...	4·85	...	...	4·85	...	...	2·26	Jorehat.
...	...	...	...	...	87	...	·467	...	...	...	4	...	...	2·82	...	...	2·82	...	...	0·92	Messa.
...	...	...	...	...	91	...	·435	...	...	...	2	...	...	1·10	...	...	1·10	...	...	0·80	Panerihat.
...	...	...	...	...	90	...	·448	...	...	...	2	...	...	2·43	...	...	2·43	...	...	1·15	Srimangal.
...	...	...	...	...	74	...	·446	...	...	...	1	...	...	0·37	...	...	0·37	...	...	0·37	Brahmanbaria.
...	...	...	...	...	99	...	·435	...	...	...	2	...	...	1·73	...	...	1·73	...	...	1·18	Dam Dim.
...	...	...	...	...	79	...	·459	...	...	...	0	...	...	0	...	...	0	...	...	0	Goalundo.
..	...	...	...	...	70	...	·400	...	...	...	2	...	...	1·49	...	...	1·49	...	...	0·75	Kalchini.
...	...	...	...	...	82	...	·442	...	...	...	2	...	...	1·86	...	...	1·86	...	...	1·03	Nagrakata.
...	...	...	...	...	85	...	·467	...	...	...	0	...	...	0	...	...	0	...	...	0	Pabna.
																					XI.—Central Provinces.
...	...	...	61	...	79	...	·385	...	1·5	...	2	..	...	1·44	...	...	1·44	...	...	1·16	Chhindwara.
																					XIV.—Madras.
...	.	...	...	...	87	...	·618	...	2·3	...	0	...	...	0	...	...	0	...	...	0	Anantapur.
...	...	...	...	...	86	...	·622	...	1·5	...	0	...	...	0	...	...	0	..	...	0	Guntur.
																					Bay Islands.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Car Nicobar.
																					Kashmir.
...	...	...	71	...	78	...	·316	...	6·1	...	13	...	...	8·52	...	...	8·84	...	...	1·88	Jammu.
...	...	...	87	...	57	...	·053	...	8·2	...	12	...	...	4·52*	...	...	5·33	...	...	1·70*	Kargil.
																					Hill Stations, exclusive of Kashmir.
...	...	...	...	...	70	...	·391	...	...	...	2	...	...	2·12	...	...	2·12	...	...	1·19	Panighatta.
...	...	...	...	...	79	...	·291	...	...	...	2	...	...	1·40	...	...	1·40	...	...	1·10	Kurseong.

* Snow water.
‡ Mean of 24 days.
§ " " 17 "

Tabl

Abstract of observations taken at 8 hrs. at 34 four

Number of subdivision.	Station.	Temperature of air.													Wind direction.										
		Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range during month.	Number of winds from: Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Resultant direction.	Normal direction
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	2
	Hill Stations, exclusive of Kashmir—*concld.*																								
	Gnatong	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lachung	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Ringim	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Poo	...	33·0	...	16·3	...	24·7	...	16·7	43·1	13th	2·5	5th	40·6	16	3	...	...	...	...	...	1	11	N 39° W	...
	Kailang	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Drosh	33·8	39·4	...	31·7	...	35·5	...	7·7	46·5	1st	25·1	31st	21·4	15	1	7	2	2	2	2	...	...	N 82° E	...
	Pishin	...	44·4	...	30·1	...	37·2	...	14·3	56·8	24th	16·0	27th	40·8	...	...	...	...	...	...	...	...	...	...	...
	Kalat	33·2	43·3	−9·0	26·9	+6·6	35·1	−1·2	16·4	57·0	22nd	11·1	31st	45·9	...	6	...	...	...	18	...	7	...	S 30° W	...
	Extra India.																								
	Ahwaz	...	50·0	...	38·8	...	44·4	...	11·2	58·4	6th	31·8	25th & 31st.	26·6	...	...	...	...	...	...	...	...	...	...	...
	Birjand (*f*)	29·1	39·1	...	23·6	...	31·3	...	15·5	50·3	22nd	13·4	26th	36·9	...	...	...	...	...	...	...	...	...	...	...
	Chumbi	30·2	50·9	...	23·1	...	37·0	...	27·8	66·9	23rd	8·5	28th	58·4	...	...	...	...	...	...	...	...	...	...	...
	Kirmanshah	20·9	31·7	...	9·0	...	40·6	...	22·7	45·2	3rd	−8·0	26th & 30th.	53·2	...	...	...	...	...	...	...	...	...	...	...
	Koweit	...	54·2	...	...	...	...	...	...	67·5	18th	...	...	...	1	2	...	1	3	1	...	1	22	N 43° W	...
	Maidan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Muhammerah†	...	55·5	...	39·9	...	47·7	...	15·6	65·4	2nd	29·7	19th	35·7	...	6	...	...	1	2	...	...	6	N 23° W	...
	Pemba	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Prison Island	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

* Snow water. † Observations of 22 days.
(*f*) Observations of 13 days.

C—*concluded.*

class stations in India, etc., in January, 1911—concluded.

Wind velocity.			Wind steadiness.		Hygrometry, 8 hrs.				Cloud.		Rainfall.									Heaviest rainfall during month.	Station.
Mean velocity, miles per hour.	Normal.	Departure from normal.	Actual percentage.	Departure from normal.	Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs. in inches of mercury.	Departure from normal in inches of mercury.	Mean cloud amount at 8 hrs.	Departure from normal.	Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st December, 1910, to 31st January, 1911.	Normal rainfall for period, 1st December to 31st January	Departure from normal of period, 1st December, 1910, to 31st January, 1911.		
27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
																					Hill Stations, exclusive of Kashmir—*concld.*
...	...	...	...	...	...	...	...	...	...	...	4	...	...	5·63	...	...	5·63	...	...	3·24	Gnatong.
...	...	...	...	...	...	...	...	...	...	...	Rainfall observations not received.							...	...	...	Lachung.
...	...	...	...	...	...	...	...	...	...	...	Rainfall observations not received.							...	...	...	Ringim.
...	...	...	45	...	...	...	...	...	8·0	...	14	...	...	10·16	3·20	+6·96	12·03	4·25	+7·78	1·78	Poo.
...	...	...	...	...	...	...	...	Observations not received.						...	...	...	...	...	...	...	Kailang.
...	...	...	23	...	86§	...	·168§	...	6·1	...	12	...	...	3·75	...	...	5·90	...	...	0·80	Drosh.
...	...	...	...	...	...	...	...	...	6·8	...	13	4·30	+8·70	5·31	2·16	+3·15	6·97	3·36	+3·61	1·70	Pishin.
...	...	...	45	...	81	...	·161	...	...	...	10	3·70	+6·30	3·63	0·79	+2·84	5·92	1·44	+4·48	1·12	Kalat.
																					Extra India.
...	...	...	...	...	...	...	...	...	6·3	...	5	...	...	1·79	...	...	5·66	...	...	0·52	Ahwaz.
...	...	...	...	...	76(*h*)	...	(*h*) ·126	...	3·3	...	5	...	...	0·92(*i*)	...	...	0.92(*i*)	...	...	0·25	Birjand.
9·0	...	...	...	...	69	...	·116	...	...	...	3	...	...	0·95*	...	...	0·96	...	...	0·50*	Chumbi.
...	...	...	...	...	68	...	·091	...	...	...	4	...	...	1·09	...	...	2·37	...	...	0·44	Kirmanshah.
...	...	...	61	...	...	...	...	...	4·5	...	4	...	...	1·30	...	...	4·96	...	...	0·63	Koweit.
...	...	...	...	...	...	...	...	Observations not received.						...	...	...	...	...	...	...	Maidan.
...	...	...	26	...	...	...	...	...	...	...	5	...	...	2·55	...	...	5·53	...	...	0·80	Muhammerah‡
...	...	...	...	...	...	...	...	...	...	...	Rainfall observations not received.							...	...	...	Pemba.
...	...	...	...	...	...	...	...	...	...	...	Rainfall observations not received.							...	...	...	Prison Island.

‡ Wind variable = 7.

§ Mean of 30 days. (*h*) Mean of 12 days. (*i*) Total rainfall since 19th January 1911.

Table A.—Abstract of observations taken at 10 hrs. and 16 hrs. at 32 stations in India, etc., in February, 1911.

Table

Abstract of observations taken at 10 hrs. and 16 hrs

Number of subdivision.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure. Mean of 10 hrs.	Pressure. Mean of 16 hrs.	Pressure. Mean daily range.	Pressure. Mean of daily mean pressures.	Pressure. Departure from normal.	Pressure. Mean reduced to sea-level and gravity, 45° Lat.	Temperature of air. Mean maximum.	Temperature of air. Mean minimum.	Temperature of air. Mean daily range.	Temperature of air. Highest maximum.	Temperature of air. Lowest minimum.	Temperature of air. Absolute range.	Temperature of air. Mean 10 hrs.	Temperature of air. Mean 16 hrs.	Temperature of air. Mean of daily means.	Temperature of air. Departure from normal.	Temperature, wet-bulb. Mean minimum.	Temperature, wet-bulb. Mean 10 hrs.	Temperature, wet-bulb. Mean 16 hrs.	Temperature, wet-bulb. Mean of three previous columns.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	I.—Burma.																					
2	Rangoon . .	18	30·031	29·888	·143	29·955	+·024	29·911	91·4	65·0	26·4	94·3	56·3	38·0	79·1	90·2	76·1	−1·2	61·5	67·5	68·7	65·9
	III.—Bengal.																					
6	Calcutta . .	21	·059	·922	·137	·983	+·026	·949	85·0	58·0	27·0	94·7	47·8	46·9	74·7	83·6	70·6	+0·3	55·2	63·1	63·9	60·7
	IV.—United Provinces of Agra and Oudh.																					
10	Allahabad . .	309	29·761	·643	·118	·691	+·023	·962	81·3	49·8	31·5	95·6	40·5	55·1	70·5	80·1	64·5	−0·4	46·7	56·4	59·1	54·1
11	Dehra Dun . .	2,233	27·771	27·694	·077	27·726	+·023	·979	72·4	46·9	25·5	81·1	36·2	44·9	61·9	69·8	59·2	+1·6	44·3	52·9	56·5	51·2
	V.—Punjab.																					
12	Lahore . . .	702	29·363	29·276	·087	29·310	+·029	30·010	74·8	47·5	27·3	84·8	36·4	48·4	63·2	73·2	60·0	+2·7	45·0	54·1	57·6	52·3
	VIII.—Rajputana.																					
19	Jaipur . . .	1,431	28·648	28·536	·112	28·581	+·043	29·992	83·5	51·0	32·5	93·4	35·4	58·0	72·9	81·8	66·1	+1·9	43·9	54·6	57·6	52·1
	Udaipur . .	1,925	·151	·040	·111	·090		·985	83·0	49·5	33·5	92·1	36·4	55·7	73·4	82·3	66·4		44·7	56·9	61·6‡	54·4
	IX.—Bombay.																					
26	Bombay . .	37	30·037	29·915	·122	29·970	+·037	·947	84·4	68·1	16·3	91·2	58·6	32·6	75·3	79·4	75·4	+0·6	62·2	66·3	70·6	66·4
	XI.—Central Provinces.																					
24	Nagpur . .	1,017	29·063‡	28·918	·145	28·983	+·065	·970‡	87·9	56·1	31·8	96·8	44·2	52·6	75·4‡	86·5	71·6	−2·7	47·5	57·6‡	61·9	55·7
	XII.—Hyderabad.																					
29	Hyderabad . .	1,690	28·371	·246	·125	·302	+·048	·936	89·2	60·0	29·2	95·3	47·7	47·6	79·6	86·4	74·3	−2·8	53·0	61·6	62·6	59·1
	XIII.—Mysore.																					
30	Bangalore . .	3,021	27·067	26·946	·121	27·001	+·035	·908	84·8	56·7	28·1	89·0	52·0	37·0	76·3	82·9	70·1	−1·9	52·7	59·8	60·7	57·7
	Mysore . . .	2,518	·553	27·407	·146	·477	+·035	·903	86·8	59·7	27·1	90·3	54·6	35·7	76·7	86·0	72·6	−2·6	54·5	61·8	62·1	59·5
	XIV.—Madras.																					
32	Pudukkottai .	318	29·750	29·588	·162	29·669		·919	91·2	67·4	23·8	94·9	62·7	32·2	81·6	89·1	79·3		66·5	72·7	74·4	71·2
	Madras . .	22	30·075	·952	·123	30·012	+·046	·965	86·3	65·7	20·6	92·1	62·0	30·1	82·0	82·9	75·1	−1·5	64·8	72·3	73·3	70·1
	Bay Islands.																					
1	Port Blair . .	58	29·981	·870	·111	29·923	+·027	·911	87·2	73·9	13·3	89·2	69·9	19·3	82·1	85·0	79·6	−1·0	70·5	74·5	75·4	73·5
	Kashmir.																					
14	Srinagar . .	5,204	25·090	25·024	·066	25·053	+·116	25·024	39·0	29·9	9·1	48·3	20·1	28·2	33·2	37·6	32·6	−0·4	27·6	31·0	34·7	31·1
	Leh . . .	11,503	19·739	19·675	·064	19·706	+·113	19·674	27·2	6·2	21·0	41·6	−12·5	54·1	18·1	23·8	14·9	−3·9	4·5	16·0	20·8	13·8
	Baluchistan.																					
16	Quetta . .	5,502	24·732	24·651	·081	24·684	+·037	24·645	59·5	33·6	25·9	72·1	17·9	54·2	49·5	56·9	46·4	+4·2	31·7‡	39·3	43·0	38·0

N.B.—Elevations in italics indicate barometric determinations.

NOTE.—The barometric readings are not reduced to sea-level, in the cases of hill or plateau stations, the elevations of which exceed 3,200 feet.

† Mean of 26½ days. ‡ Mean of 27 days.

A.

at 32 stations in India, etc., in February, 1911.

Vapour tension in inches of mercury.					Humidity.					Cloud.				Wind direction.											Wind steadiness.		Wind velocity.		Rainfall.		Station.	Number of subdivision.
														Total number of 10 hrs. and 16 hrs. winds from																		
From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	Mean 10 hrs.	Mean 16 hrs.	Mean of two previous columns.	Departure from normal.	Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Mean wind direction.	Normal mean wind direction of month.	Average percentage.	Normal percentage.	Mean velocity in miles per diem.	Normal.	Total rainfall for the month.	Heaviest rainfall during the month.		
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	54	55	56
																															I.—Burma.	
·507	·518	·418	·504	−·101	82	52	30	61	− 8	1·4	2·9	2·1	+0·3	26	5	5	1	1	8	5		5	S 83° W	S 42° W	4	16	19	91	0	0	Rangoon . .	2
																															III.—Bengal.	
·407	·434	·334	·418	—·067	83	49	29	57	− 9	0·9	1·1	1·0	−1·2		2	5	3	3	2	15	10	16	N 85° W	N 73° W	42	25	91*	79	0·05	0·05	Calcutta . .	6
																															IV.—United Provinces of Agra and Oudh.	
·283	·278	·233	·279	−·048	78	36	22	50	− 8	1·0	1·9	1·5	−0·9	2	2	1	1	2	1	4	25	18	N 75° W	N 63° W	69	34	78	108	0	0	Allahabad .	10
·261	·294	·296	·294	+·012	82	53	41	61	− 1	3·3	4·1	3·7	−0·7	5	3	1	2	2	6	10	18	7	S 77° W	S 85° W	45	29	† 45*	41	0·59	0·59	Dehra Dun § .	11
																															V.—Punjab.	
·275	·306	·277	·294	+·007	82	52	33	59	− 3	2·7	3·9	3·3	−0·6	6	7	9	5	3	1		5	20	N 13° W	N 30° W	45	30	66	53	0·17	0·17	Lahore . .	1
																															VIII.—Rajputana.	
·205	·207	·181	·205	−·057	54	25	16	35	−12	2·2	2·9	2·5	−0·6	8	9	2	3	1	2	4	7	20	N 44° W	N 20° W	46	33	77*	91	0	0	Jaipur . .	19
·245	·267	·292‡	·270		66	31	25‡	41		1·4	1·3	1·3		21	2	4	11	4		7	6	1	S 64° E		9		55		0	0	Udaipur.	
																															IX.—Bombay.	
·486	·529	·637	·571	−·045	70	60	63	68	− 3	0·9	0·9	0·9	−0·3		4	11	12	1		1	7	20	N 4° W	N 1° W	45	57	218*	250	0	0	Bombay . .	26
																															XI.—Central Provinces.	
·227	·257‡	·254	·248	—·096	50	29‡	20	34	− 9	0·6	0·9	0·7	−1·5	5	11	11	10	5	4	3	5	1	N 55° E	N 42° E	30	19	70	106	0	0	Nagpur‖ . .	24
																															XII.—Hyderabad.	
·318	·326	·270	·303	—·139	61	33	21	39	−11	0·4	0·7	0·5	−1·5	37		11		5		1		2	N 63° E	S 51° E	20	27	60	98	0	0	Hyderabad .	29
																															XIII.—Mysore.	
·352	·326	·273	·322	—·085	77	37	25	48	− 6	0·6	0·9	0·7			1	18	31	3	1	1		1	N 77° E	S 69° E	82	59	184	120	0	0	Bangalore . .	30
·363	·368	·261	·336	—·101	71	40	21	46	− 7	1·9	2·4	2·1	−1·0		1	22	25	6			1	1	N 73° E	N 87° E	80	56	206	190	0	0	Mysore.	
																															XIV.—Madras.	
·641	·694	·657	·664		95	65	48	69		2·4	2·8	2·6		2	6	34	6	4	3	1			N 54° E		71		193		0·19	0·19	Pudukkottai .	32
·605	·694	·695	·678	—·037	95	61	62	76	− 2	2·3	1·2	1·7	−1·5		2	17	14	15	1	5	1	1	S 89° E	S 84° E	35	72	120*	120	0	0	Madras.	
																															Bay Islands.	
·703	·750	·749	·757	—·080	84	69	62	75	− 4	3·1	3·3	3·2	+0·1	12	22	18	2	1					N 25° E	N 42° E	68	71	105	120	0·33	0·17	Port Blair .	1
																															Kashmir.	
·128	·150	·168	·145	—·029	76	78	74	¶ 76	− 8	9·4	8·6	9·0	+2·4	19	2			15	9	2	2	7	S 9° E	S 9° W	25	8	63	84	2·67	0·92	Srinagar . .	16
·047	·081	·095	·073	+·006	71	76	71	76	+12	6·3	6·3	6·3	−0·5		2	5		1	22	20	5	1	S 27° W	S 9° W	61	25	25	31	0·29	0·08	Leh.	
																															Baluchistan.	
·157‡	·139	·137	·154	—·017	79‡	40	30	53	−14	3·3	4·1	3·7	−0·5	13	5	1		7	4	12	1	13	S 79° W	N 84° W	23	30	81	84	0·71	0·45	Quetta . .	1

* Uncorrected for scale error.
¶ Mean of three previous columns.
§ Wind observations less 2.
‖ Wind observation ,, 1.

Table

Abstract of observations taken at 10 hrs. and 16 hrs. at 32 stations

Number of subdivision.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure.						Temperature of air.										Temperature, wet-bulb.			
			Mean of 10 hrs.	Mean of 16 hrs.	Mean daily range.	Mean of daily mean pressure.	Departure from normal.	Mean reduced to sea-level and gravity, 45° Lat.	Mean maximum.	Mean minimum.	Mean daily range.	Highest maximum.	Lowest minimum.	Absolute range.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	Mean minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of three previous columns.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	Hill Stations excluding Kashmir and Baluchistan.																					
	Simla . . .	7,232	23·168	23·120	·048	23·137	+·066	23·099	51·4	39·3	12·1	61·7	17·1	44·6	47·1	48·9	45·2	+4·6	31·2	36·6	38·7	35·5
	Sarain . . .		·213	·153	·060	·171		·133	51·1	28·5	22·6	62·3	17·6	44·7	44·4	40·6	39·6			37·0	36·2	
	Kalabagh . .									Observations not received.												
	Chakrata . .	7,022	23·328	23·275	·053	23·285	+·030	23·246	59·0	39·2	19·8	70·7	22·9	47·8	51·2	51·1	48·9	+5·4	32·3§	42·5	42·4	39·1
	Muktesar . .	7,592	22·893	22·832	·061	22·856		22·813	54·9	38·4	16·5	65·7	26·0	39·7	47·6	52·8	46·5		30·1	38·0	41·3	36·5
	Katmandu . .	4,388	25·731	25·618	·113	25·672	+·024†	25·625	68·0	40·4	27·6	76·5	31·4	45·1	54·1	65·9	54·0	+1·5†	38·9	49·4	53·2	47·2
	Darjiling . .	7,376	23·023	22·944	·079	22·980	—·009	22·936	48·5	36·7	11·8	56·1	29·4	26·7	44·5	44·6	42·4	+0·8	35·1	40·9	41·8	39·3
	Pachmarhi . .	3,528	26·575	26·513	·062	26·535	+·036	26·482	76·0	48·0	28·0	85·0	36·1	48·9	63·4	73·5	61·8	—1·5	42·1	50·5	53·8	48·8
	Mount Abu . .	3,945	·193	·114	·079	·144	+·050	·094	71·1	55·1	16·0	80·7	40·9	39·8	65·8	68·9	62·9	+1·9	42·6	48·4	50·2	47·1
	Chikalda . .	3,642	·481	·376	·105	·420	+·018	·364	79·2	56·9	22·3	86·7	40·3	46·4	71·0	76·5	67·9	—0·6	47·5	53·8	55·5	52·3
	Ootacamund .	*7,327*	23·131	23·056	·075	23·083		23·020	67·9	40·1	27·8	74·2	33·2	40·9	62·7	63·2	53·8		36·0	45·5	49·5	42·7
	Kodaikanal . .	7,688								Observations not received.												
	Dodabetta . .	8,539?	22·133	22·066	·067	22·089		22·027	60·4	43·2	17·2	66·7	38·8	27·9	55·9	56·2	51·6		34·6	42·3	45·9	40·9
	Extra India.																					
	Minicoy . .	7	30·050	29·945	·105	29·999																
	Zanzibar . .	72	29·942	·813	·129	·879	+·033	29·878	86·8	80·4	6·4	90·7	79·4	11·3	82·7	86·3	82·6	—0·1	73·7	76·3	76·6	75·5
	Diego Garcia .									Observations not received.												
	Seychelles . .	15	29·994	29·901	·093	29·955	+·026†	29·895	82·7	78·0	4·7	85·3	73·5	11·8	80·7	81·6	79·2	+0·1†	72·7	76·3	76·4	75·1
	Mauritius . .	181								Observations not received.												

N.B.—Elevations in italics indicate barometric determinations.

NOTE.—The barometric readings are not reduced to sea-level, in the cases of hill or plateau stations, the elevations of which exceed 3,200 feet.

† Departure from old normal.

A—*concluded.*

in India, etc., in February, 1911—concluded.

Vapour tension in inches of mercury.					Humidity.					Cloud.				Wind direction.											Wind steadiness.		Wind velocity.		Rainfall.			
														Total number of 10 hrs. and 16 hrs. winds from																		
From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	Mean 10 hrs.	Mean 16 hrs.	Mean of two previous columns.	Departure from normal.	Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Mean wind direction.	Normal mean wind direction of month.	Average percentage.	Normal percentage.	Mean velocity in miles per diem.	Normal.	Total rainfall for the month.	Heaviest rainfall during the month.	Station.	Number of subdivision.
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	54	55	56
																															Hill Stations excluding Kashmir and Baluchistan.	
·098	·111	·131	·123	—·036	42	37	39	42	—19	4·0	5·4	4·7	—1·0																0·92	0·80	Simla.	
	·145	·171				54	69			5·0	5·5	5·3		13			3		14	22	4		S 29° W		61		40		0·83	0·56	Sarain.	
										Observations not received.																					Kalabagh.	
·127§	·185	·183	·175	+·002	59§	51	50	56	—10	3·1	4·1	3·6	—1·3	8	10	1		19	18				S 34° E	S 6° W	45	4	100	151	1·77	1·50	Chakrata.	
·088	·131	·142	·130		40	43	38	43		3·0	4·8	3·9		12		1	3	1	1		37	1	S 89° W		59		260		0·08	0·05	Muktesar.	
·224	·304	·262	·273	+·013	88	72	41	70	+ 1	1·4	3·1	2·3	—1·2	11	2	1	14				28		N 79° W	N 87° W	25	47	15	29	0	0	Katmandu.	
·193	·222	·240	·228	+·005	87	75	81	84	+ 1	6·9	8·3	7·6	+1·6	23	1	5	2				25		N 77° W	S 83° W	36	31	55	132	0·54	0·13	Darjiling.	
·208	·227	·191	·213	—·047	61	38	23	45	— 4	0	0	0	—2·3	3	22	6	2			5	5	13	N 20° W	N 69° W	61	25	102	106	0	0	Pachmarhi.	
·137	·147	·153	·150	—·038	30	23	21	29	— 5	1·6	1·5	1·5	—0·9		11	2			2	26	5	10	S 88° W	N 66° W	52	28	153	146	0	0	Mount Abu.	
·229	·223	·207	·223	—·050	49	29	23	38	— 5	0·4	0·6	0·5	—1·3	35	1	2		8		3		7	S	N 81° W	1	24			0	0	Chikalda.	
·173	·128	·211	·186		69	25	38	47		1·9	3·2	2·5		4	7	10	22	8	3			2	N 79° E		61		86		0·25	0·22	Ootacamund.	
										Observations not received.																					Kodaikanal.	
·115	·133	·208	·152		42	35	47	41		2·5	3·6	3·1		1	10	28	15	5	2				N 59° E		73		374		0·35	0·25	Dodabetta.	
																															Extra India.	
										2·9	2·8	2·9			28	20	2				1	5	N 14° E		84		96		0	0	Minicoy.	
·744	·819	·783	·799	—·071	72	74	63	72	— 5	5·9	3·9	4·9	+0·3		16	27	6	2	1		1	3	N 34° E	N 33° E	73	55	181	161	0·01	0·01	Zanzibar.	
										Observations not received.																					Diego Garcia.	
·734	·847	·842	·831	—·011	77	81	78	78	— 5	6·9	7·4	7·1	+0·6†	8	15	9	2			1	3	18	S 71° E	N 21° W	45	53	* 131	147	15·78	3·03	Seychelles.	
										Observations not received.																					Mauritius.	

§ Mean of 18 days.

* Uncorrected for scale error.

Table B.—Abstract of observations taken at 8 hrs. at 238 stations in India, etc., in February, 1911.

(1) Provincial means.

(2) Data of stations.

(1) Provincial means based on the material in Table B (2) except that the statement of rainfall depends on the complete data of about 2,000 stations.

	Pressure departure from normal.	Temperature of air.								Wind.		Hygrometry.				Cloud.		Rainfall.		
		Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Absolute range during month.	Departure of velocity from normal.	Departure of steadiness from normal.	Mean humidity.	Departure from normal.	Mean vapour tension.	Departure from normal.	Mean cloud amount.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.
urma	+·042	85·9	−1·8	59·4	−2·4	72·7	−2·1	26·5	39·5	+0·7	−11	78	−1	·498	−·056	2·0	−0·2	0·05	0·19	−0·14
stern Bengal and Assam	+·031	79·0	0	55·3	−0·2	67·1	−0·1	23·8	39·8	−0·4	+6	83	−3	·453	−·007	2·7	0	0·44	1·16	−0·72
ngal	+·034	82·0	+0·1	54·8	−2·6	68·4	−1·2	27·2	46·4	0	+3	66	−6	·359	−·067	1·0	−1·1	0·10	0·73	−0·63
ited Provinces of Agra and Oudh	+·039	78·1	+1·1	49·1	−1·7	63·6	−0·3	28·9	50·3	−0·5	+8	66	−5	·299	−·032	1·2	−1·5	0·03	0·66	−0·63
njab	+·051	74·0	+2·5	47·5	+0·9	60·8	+1·7	26·6	48·9	+0·4	+7	70	−5	·277	−·007	2·5	−1·2	0·27	0·96	−0·69
rth-West Frontier Province	+·041	69·9	+0·9	43·9	+0·1	56·9	+0·5	26·1	52·5	−0·3	−8	67	−7	·227	−·029	3·3	−0·7	0·38	1·31	−0·93
d	+·029	81·4	+2·6	55·5	+1·1	68·5	+1·8	25·9	48·1	−0·8	−4	63	0	·351	+·032	2·1	−0·6	0	0·25	−0·25
jputana	+·054	82·7	+4·7	51·9	−0·6	67·3	+2·0	30·8	54·8	+0·3	−2	44	−9	·226	−·057	1·9	−0·7	0·02	0·22	−0·20
mbay	+·046	87·3	+0·4	59·1	−2·3	73·2	−0·9	28·2	47·9	−0·8	+9	54	−8	·369	−·059	0·7	−0·4	0	0·09	−0·09
ntral India	+·046	82·7	+1·7	50·3	−1·6	66·5	0	32·5	56·0	−1·5	+15	49	−7	·245	−·055	1·7	+0·1	0·06	0·41	−0·35
ntral Provinces	+·053	85·5	−0·7	54·6	−3·4	70·0	−2·1	30·9	53·7	−0·5	+3	42	−12	·240	−·094	0·8	−0·9	0	0·34	−0·34
yderabad	+·062	89·2	−1·6	61·1	−3·1	75·1	−2·4	28·1	47·8	−1·0	+29	43	−10	·314	−·108	1·1	−0·7	0	0·17	−0·17
ysore	+·040	85·8	−1·7	58·7	−2·8	72·3	−2·3	27·1	35·9	+1·2	+29	54	−10	·372	−·101	1·3	−0·6	0·01	0·09	−0·08
adras	+·043	88·6	−0·7	66·8	−2·6	77·7	−1·7	21·8	31·5	+0·5	+7	72	−5	·593	−·091	2·1	−0·1	0·03	0·41	−0·38

Table

(2) *Abstract of observations taken at 8 hrs. at 238 stations*

Number of subdivision.	Station.	Elevation of barometer above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	I.—Burma.																						
2	Victoria Point	97?	29·899		29·925?	29·994	21st	29·800	1st	·194													
	Mergui	65	29·955	+·028	29·951	30·037	21st	29·842	1st	·195	76·1	89·2	−0·4	69·6	+0·5	79·4	+0·1	19·6	93·9	16th	60·4	1st	33·5
	Tavoy	19	30·011	+·026	29·962	30·088	20th	29·911	1st	·177	70·3	90·6	−0·5	67·0	+0·2	78·8	−0·1	23·6	94·0	13th, 14th & 16th.	57·8	2nd & 10th.	36·2
	Moulmein	94	29·951	+·058	29·985	30·020	20th	29·844	1st	·176	69·3	91·3	−0·2	65·3	−2·4	78·3	−1·3	26·0	95·4	15th	56·8	10th	37·7
	Rangoon	18	30·017	+·036	29·973	30·095	20th	29·906	1st	·189	67·6	91·2	−1·6	64·8	−1·1	78·0	−1·3	26·4	94·1	16th, 21st & 22nd.	56·4	10th	37·7
	Bassein	27?	30·011	+·049	29·975	30·070	25th	29·906	1st	·164	68·2	88·6	−1·4	63·5	−1·4	76·0	−1·4	25·1	92·2	15th & 16th.	56·9	8th	35·3
	Diamond Island	41	29·993	+·033	29·970	30·063	20th & 21st.	29·899	1st	·164	75·9	82·5	−1·7	69·6	−2·7	76·1	−2·2	12·9	86·9	15th & 16th.	67·2	9th	19·7
	Toungoo	164	29·863	+·043	29·977	29·922	11th	29·765	1st	·157	62·1	88·2	−2·7	56·0	−5·1	72·1	−2·9	32·2	92·5	20th	46·9	7th	45·6
	Kyaukpyu	18	30·023		29·981	30·080	20th	29·888	2nd	·192	68·7	79·9		62·4		71·2		17·5	84·0	15th & 24th.	53·4	8th	30·6
	Akyab	20	30·029	+·035	29·990	30·093	12th	29·917	1st	·176	63·4	81·3	−3·5	60·0†	−1·5†	70·7†	−2·5	21·3	85·4	15th	51·5	6th	33·9
3	Thayetmyo	121	29·914	+·052	29·981	30·002	12th	29·802	1st	·200	64·7	90·6	−2·0	53·8	−3·1	72·2	−2·5	36·8	96·5	28th	42·9	6th	53·6
—	Minbu	*165*	29·861	+·047	29·976	29·958	12th	29·739	1st	·219	64·7	89·4	−2·2	58·4	−2·8	73·9	−2·5	31·0	94·8	17th	47·5	6th & 7th	47·3
—	Yamethin	657	29·338	+·036	29·973	29·424	12th	29·215	1st	·209	62·2	89·5	−3·0	55·6	−5·0	72·5	−4·0	33·9	93·8	17th	46·0	6th	47·8
	Mandalay	250	29·780	+·057	29·989	29·885	12th	29·662	1st	·223	63·8	90·9	+1·0	57·3	−2·8	74·1	−0·9	33·6	96·0	21st, 26th & 27th.	50·1	4 days	45·9
	Monywa	*980*	29·777		30·019	29·874	12th	29·650	1st	·224	62·9	87·0		57·9		72·5		29·1	94·3	22nd	51·6	6th & 8th	42·7
	Lashio	*2,820*	27·206?	+·027?	30·049?	27·303	14th	27·039	1st	·264	52·8	76·3	−2·7	45·5	−3·2	60·9	−2·9	30·8	80·8	24th	36·5	1st	44·3
	Bhamo	*381*	29·677	+·083?	30·035	29·786	11th	29·540	1st	·246	55·7	78·2	−4·0	50·4	−2·7	64·3	−3·3	27·8	84·4	20th	43·1	8th & 9th	41·3
	Myitkyina	458	29·565?		30·006?	29·679	13th	29·409	1st	·270	58·7	76·1		52·9		64·5		23·2	84·2	20th	45·0	1st & 2nd.	39·2
	II.—Eastern Bengal and Assam.																						
4	Dibrugarh	353	29·712		30·048	29·872	11th	29·550	1st	·322	57·6	71·1		54·3		62·7		16·8	78·9	22nd & 28th.	47·6	3rd	31·3
	Sibsagar	333	29·738	+·029	30·049	29·904	11th	29·567	1st	·337	58·1	70·9	−2·2	53·9	+0·6	62·4	−0·8	17·0	78·6	22nd	46·0	12th & 13th.	32·6
	Tezpur	252	29·820		30·015	29·985	11th	29·665	1st	·320	58·8	75·1†		56·2		65·6†		18·9	82·6	22nd	49·9	11th, 12th & 13th.	32·7
	Gauhati	195	29·874		30·035	30·038	11th	29·709	1st	·329	57·7	76·9		53·5		65·2		23·4	83·8	20th	46·1	9th	37·7
	Dhubri	115	29·934	+·040	30·009	30·093	11th	29·799	1st	·294	59·8	77·4	−0·6	56·1	+0·1	66·8	−0·3	21·3	83·5	20th	49·1	1st & 6th	34·4
	Silchar	104	29·971	+·038	30·033	30·084	12th	29·829	1st	·255	60·4	80·0	−0·7	54·8	−0·8	67·4	−0·7	25·2	87·8	16th	47·3	4 days	40·5
5	Cox's Bazar	36	30·018		29·998	30·110	12th	29·870	1st	·240	65·5	80·8		58·3		69·4		22·5	85·2	12th	48·7	8th	36·5
	Chittagong	87	29·967	+·037	30·003	30·064	5th	29·818	2nd	·246	62·8	80·8	−1·5	56·9	−2·1	68·8	−1·8	23·9	85·0	16th	47·0	8th & 9th	38·0
	Noakhali	43	30·003		29·995	30·108	12th	29·858	1st	·250	62·4	80·0		58·1		69·1		21·9	84·3	21st	45·4	7th & 8th	38·9
	Barisal	12	30·026	+·026	29·985	30·137	12th	29·886	1st	·251	65·0	82·0	+0·3	58·5	−1·2	70·2	−0·5	23·5	89·3	20th & 28th.	46·1	7th	43·2
	Comilla	36	30·012		29·996	30·124	12th	29·865	1st	·259	64·6	82·7		58·2		70·5		24·5	88·3	21st, 22nd & 28th.	47·3	7th & 8th.	41·0
	Narayanganj	26	30·011	+·023	29·987	30·140	5th	29·870	1st	·270	64·4	81·7	−0·5	59·1	+0·5	70·4	0	22·6	88·5	26th & 28th.	49·3	7th & 8th	39·2
	Faridpur	46	29·995		29·993	30·118	12th	29·854	1st	·26	60·7	81·9		54·7†		68·3†		27·2	90·8	28th	44·4	8th	46·4
	Sirajganj	49	29·986		29·997	30·118	12th	29·846	1st	·272	59·9	81·1		54·4		67·7		26·7	89·4	20th	44·3	7th	45·1
	Mymensingh	63	29·989	+·037	30·007	30·115	12th	29·847	1st	·268	63·9	80·4	+2·0	57·2	+1·6	68·8	+1·8	23·2	87·1	20th	47·6	7th	39·5
	Bogra	75	29·967	+·036	29·997	30·099	12th	29·813	1st	·286	59·4	81·8	+1·6	53·5	−1·0	67·6	+0·3	28·3	90·7	20th	44·2	7th	46·5
	Rampur Boalia	70	29·978		30·000	30·128	12th	29·824	1st	·304	61·5	81·6		53·1		67·4		28·5	90·1	20th	45·1	7th	45·0
	Malda	72	29·967†		29·995†	30·144	12th	29·800	1st	·344	60·6	80·2		51·6		65·9		28·6	89·3	20th	42·0	6th	47·3
	Dinajpur	123	29·909	+·028	29·994	30·066	12th	29·751	1st	·315	57·1	79·9	+0·5	51·9	−1·2	65·9	−0·3	28·0	88·3	20th	42·0	6th	46·3
	Rangpur	123	29·905¶		29·990¶	30·022	5th	29·772	1st	·250	59·7	78·7		53·1		65·9		25·6	85·6	20th	43·0	6th	42·6

N. B.—Elevations in italics indicate barometrical determinations.

† Mean of 27 days. ‖ Mean of 22 days.

¶ „ „ 13 „

NOTE.—The barometric readings are not reduced to sea-level, in the cases of hill or plateau

B.

in India, etc., in February, 1911.

Wind direction. Number of winds from Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Resultant direction.	Normal direction.	Wind velocity. Mean velocity, miles per hour.	Normal.	Departure from normal.	Wind steadiness. Actual percentage.	Departure from normal.	Hygrometry, 8 hrs. Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs. in inches of mercury.	Departure from normal in inches of mercury.	Cloud. Mean cloud amount at 8 hrs.	Departure from normal.	Rainfall. Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st Dec., 1910, to 28th Feb., 1911.	Normal rainfall for period, 1st Dec. to 28th Feb.	Departure from normal of period, 1st Dec., 1910 to 28th Feb., 1911.	Heaviest rainfall during month.	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	54	55	56	57
		14	10	3	1				N 73° E					82						5·5												I.—Burma.
27		1							N 45° E	N 8° W	10·2	2·1	+8·1	4	—43	88	+ 5	·780	+·023	3·1	−0·5	2	2·80	—0·80	1·88	1·73	+ 0·15	3·49	3·02	+0·47	1·03	Victoria Point
28									‡	N 54° W	1·0*	1·4	−0·4			88	0	·662	—·022	1·8	—0·6	0	0·80	—0·80	0·03	0·65	— 0·62	1·08	0·92	+0·16	0·03	Mergui.
2		1	24					1	N 87° E	N 84° E	3·8	2·3	+1·5	85	+37	79	— 5	·569	—·107	1·8	+0·5	0	0·50	—0·50	0	0·25	— 0·25	0·04	0·66	— 0·62	0	Tavoy.
19	2	5	1					1	N 32° E	S 67° W	2·0	3·8	−1·8	25	—22	77	— 8	·523	—·110	1·7	+0·5	0	0·40	—0·40	0	0·31	— 0·31	0	0·52	—0·52	0	Moulmein.
25									W	N 42° W	4·9	4·5	+0·4	11	−48	87	0	·601	—·068	1·0	−1·0	0	0·30	—0·30	0	0·29	— 0·29	0·01	0·56	— 0·55	0	Rangoon.
2	8	8	1					9	N 1° E	N 9° W	12·0	8·8	+3·2	71	— 4	72	— 4	·651	—·048	1·7	—0·6	0	0·40	—0·40	0	0·07	— 0·07	0·35	0·98	—0·63	0	Bassein.
23	2	2						1	N 10° E	N 6° E	1·4	1·9	−0·5	14	—21	81	— 3	·451	—·104	0·2	—1·1	0	0·30	—0·30	0	0·15	— 0·15	0	0·40	— 0·40	0	Diamond Island.
6		7	4	9		1		1	S 84° E		3·6*			49		83		·590		0·7		1			0·18			0·31			0·18	Toungoo.
3	6	15	4						N 41° E	N 24° E	3·5	3·5	0	78	— 5	87	+ 5	·514	—·026	2·7	+1·5	1	0·30	+0·70	0·23	0·12	+ 0·11	0·31	0·88	— 0·57	0·23	Kyaukpyu.
6	3	7	2	3	2	4	1		N 79° E	N 50° W	6·1*	3·5	+2·6	18	—25	71	+ 5	·437	—·009	1·4	+0·8	0	0·10	—0·10	0	0·04	— 0·04	0	0·21	— 0·21	0	Akyab.
8				5	2	2	3	8	S 79° W	N 70° W	2·5	6·3	−3·8	25	+ 7	59	— 5	·368	—·076	1·0	+0·2	0	0·10	—0·10	0	0·03	— 0·03	0	0·66	— 0·66	0	Thayetmyo.
17	1	1		3	1			5	N 18° W	S 63° E	1·9	3·1	−1·2	7	— 5	68	— 2	·380	—·087	0·4	—0·3	0	0·30	—0·30	0	0·38	— 0·38	0	0·95	— 0·95	0	Minbu.
10	2	2	1	8	3		1	1	S 54° E	S 30° W	3·9	2·4	+1·5	29	+18	61	— 8	·354	—·101	1·0	—0·1	0	0·30	—0·30	0	0·05	— 0·05	0	0·39	—0·39	0	Yamethin.
7	15							5	N 12° W		2·7			70		75		·437		0·8		0	0	0	0	0	0	0	0·15	— 0·15	0	Mandalay.
21	1	4	1					1	N 35° E		3·3*			21		81	— 1	·327	—·025	1·7	— 2·7	0			0	0·29	— 0·29	0·13	1·34	— 1·21	0	Monywa.
27		1							N 45° E	N 18° W	1·7	2·8	−1·1	4	—20	93	+ 6	·417	—·017	4·0	+1·2	0	1·10	—1·10	0·12	0·39	— 0·27	0·48	1·53	— 1·05	0·08	Lashio.
28									‡		1·4					82		·493		4·7		2			0·38	0·78	— 0·40	2·39	1·98	+ 0·41	0·18	Bhamo.
																																Myitkyina.
																																II.—Eastern Bengal and Assam.
25		1	1			1			E		1·0			4		93		·440		5·7		5	6·70	—1·70	2·06	2·56	— 0·50	6·21	4·89	+ 1·32	0·81	Dibrugarh.
13	1	10		1		2		1	N 41° E	N 48° E	1·8	2·3	−0·5	32	— 4	93	— 5	·455	—·003	7·1	+1·2	6	4·90	+1·10	2·05	1·98	+ 0·07	5·51	3·86	+ 1·65	0·80	Sibsagar.
27			1						E		5·0			4		88		·436		3·3		3	2·60	+0·40	0·75	0·87	— 0·12	2·91	1·95	+ 0·96	0·38	Tezpur.
13		5	2	4	4				S 68° E		2·6			29		91		·438		4·8		0	1·80	—1·80	0·12	0·73	— 0·61	1·58	1·61	— 0·03	0·09	Gauhati.
6	4	11	7						N 51° E	N 67° E	7·2‖	4·3	+2·9	67	+36	82	— 2	·435	+·008	2·0	—0·2	0	1·20	—1·20	0	0·48	— 0·48	0·51	0·98	— 0·47	0	Dhubri.
16		6	3	2	1				N 78° E	S 63° E	1·4	2·4	−1·0	32	+24	86	— 1	·462	—·030	1·4	—2·3	0	3·70	—3·70	0·04	2·31	— 2·27	5·62	3·49	+ 2·13	0·04	Silchar.
2	4	7	7	6		1		1	N 72° E		3·8			57		82		·523		0·7		0			0			0·26			0	Cox's Bazar.
3	2	10		1	10	1	1		N 89° E	N 45° E	3·2	3·9	−0·7	51	— 4	83	— 1	·481	—·042	1·2	—1·1	0	1·39	—1·39	0	0·93	— 0·98	0·34	2·13	— 1·79	0	Chittagong.
2	6	8		5	5	2			N 76° E		3·8			29		89		·523		2·3		1	1·81	—0·81	0·12	1·00	— 0·88	0·19	1·82	—1·63	0·10	Noakhali.
15	1	1	1	2	5	2		1	S 10° E	N 13° W	1·2	2·1	−0·9	18	+10	83	— 2	·529	—·030	2·8	+0·4	1	1·77	—0·77	0·41	1·04	— 0·63	0·42	2·31	— 1·89	0·41	Barisal.
15				8	5				S 29° E		2·5			46		83		·530		3·3		0	2·18	—2·18	0	0·97	— 0·97	1·19	1·73	—0·54	0	Comilla.
4	4	1	2	2	7	4	2	2	S 23° W	N 27° W	2·9	2·9	0	21	+13	78	— 6	·485	—·026	3·0	0	0	2·12	—2·12	0·01	1·28	— 1·27	0·61	1·82	— 1·21	0·01	Narayanganj
11	2			2	7	2		4	S 31° W		1·7			21		85		·465		2·7		1	2·00	—1·00	0·13	1·32	— 1·19	0·13	1·89	— 1·76	0·12	Faridpur.
11	2	1	1	4	4		2	3	S 12° E		2·8*			8		82		·437		3·4		0	1·57	—1·57	0	0·91	— 0·91	0·01	1·49	— 1·48	0	Sirajganj.
14		1	5	4	1			3	S 81° E	N 74° E	1·0	1·9	−0·9	21	—10	81	— 4	·493	+·036	3·9	+1·8	0	1·48	—1·48	0·04	1·03	— 0·99	0·52	1·58	— 1·06	0·02	Mymensingh.
26		1						1	N	N 27° W	1·0	2·4	−1·4	5	— 6	73	— 6	·385	—·036	2·0	+0·2	0	1·52	—1·52	0	0·85	— 0·85	0	1·44	— 1·44	0	Bogra.
27	1								N		0·2*			4		71		·391		0·4		0	1·35	—1·35	0	0·84	— 0·84	0	1·25	— 1·25	0	Rampur Boalia.
5	2	6	2	1	4	2	2	4	N 18° E		3·6*			11		75		·394		0·4		0	1·23	—1·23	0	0·75	— 0·75	0	1·67	— 1·67	0	Malda.
8	2	5	6			4	3	3	N 25° E	N 83° W	2·2	3·6	−1·4	29	0	84	+ 4	·403	+·010	1·1	—0·4	0	1·39	—1·39	0	0·37	— 0·37	0·60	0·92	— 0·32	0	Dinajpur.
2		8	9	2	1	3	3		N 63° E		2·3			43		80		·421		3·0		0	1·13	—1·13	0	0·43	— 0·43	0·38	1·01	— 0·63	0	Rangpur.

‡ Indeterminate.

* Uncorrected for scale error.

stations, the elevations of which exceed 3,200 feet.

Table

(2) *Abstract of observations taken at 8 hrs. at 238 stations*

Number of subdivision.	Station.	Elevation of barometer cistern above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	II.—Eastern Bengal and Assam—*concld.*																						
5	Jalpaiguri	283	29·745	+·019	30·001	29·898	12th	29·592	1st	·306	58·7	77·9	+1·4	54·7	+1·9	66·3	+1·7	23·2	83·9	22nd & 23rd.	48·4	5 days	35·5
	Cooch Behar	156	29·891		30·016	30·049	11th	29·742	1st	·307	57·9	76·6		54·8		65·7		21·8	82·8	22nd	47·6	1st	35·2
	III.—Bengal.																						
6	Saugor Island	25	30·020	+·029	29·991	30·146	12th	29·846	1st	·300	67·6	81·4	+0·2	64·4	−1·1	72·9	−0·5	17·0	88·6	26th	52·5	4th & 7th.	35·5
	Midnapore	149	29·898		29·999	30·026	12th	29·724	1st	·302	65·6	87·5		58·1		72·8		29·4	98·3	28th	47·7	3rd	50·6
	Calcutta	21	30·031	+·028	30·060	30·158	12th	29·874	1st	·284	61·9	84·4	+2·4	57·7	−2·7	71·1	−0·1	26·7	91·7	28th	48·0	3rd	46·7
	Jessore	33	30·016	+·031	29·997	30·147	12th	29·855	1st	·292	62·2	82·1	−1·0	54·0	−3·3	68·0	−2·1	28·7	91·5	28th	43·7	7th	47·8
	Krishnagar	47	30·006		30·005	30·154	12th	29·865	1st	·289	59·6	83·4		53·9		68·1		30·4	92·4	28th	44·0	7th	48·4
	Burdwan	99	29·945	+·024	29·996	30·082	12th	29·781	1st	·301	61·2	85·2	+1·4	56·6	−2·0	70·9	−0·3	28·6	96·4	28th	47·8	7th	48·6
	Bankura	313	29·729		30·008	29·874	12th	29·556	1st	·318	64·1	85·0		56·8		70·2		28·2	95·6	20th & 28th.	47·2	3rd	48·4
	Raniganj	334	29·714		30·022	29·864	12th	29·535	1st	·329	60·1	84·2		55·6		69·9		28·6	95·5	26th	46·0	3rd	49·5
	Berhampore	67	29·984	+·030	30·004	30·131	12th	29·830	1st	·301	58·8	81·8	−0·2	54·7	−1·8	68·2	−1·0	27·1	92·1	26th	47·2	7th	44·9
	Naya Dumka	489	29·549		30·026	29·706	12th	29·376	1st	·330	60·9	82·0		52·1		67·1		29·9	92·4	20th & 28th.	43·0	7th	49·4
7	Balasore	50	30·007	+·036	30·004	30·132	12th	29·825	1st	·307	65·0	86·5	+1·1	58·3	−3·6	72·4	−1·3	28·2	95·4	28th	47·6	3rd	47·8
	False Point	21	30·030	+·029	29·994	30·132	12th	29·828	1st	·304	68·7	82·7	−0·1	61·1	−3·7	71·9	−1·9	21·6	91·2	26th	49·1	4th	42·1
	Cuttack	80	29·984	+·047	30·009	30·094	12th	29·779	1st	·315	65·5	87·7	−2·4	61·5	−4·2	74·6	−3·3	26·2	97·4	28th	51·7	3rd	45·7
	Puri	24	30·033		29·996	30·129	12th	29·828	1st	·301	70·9	83·7		66·7		75·0		17·0	90·6	22nd	56·1	4th	34·5
	Angul	455	29·559		30·037	29·713	12th	29·339	1st	·324	64·1	86·8		57·1		71·9		29·7	96·6	28th	48·0	3rd & 4th.	48·6
	Sambalpur	486	29·581	+·053	30·039	29·708	12th	29·394	1st	·314	64·1	86·1	−1·9	55·0	−4·9	70·6	−3·4	31·1	95·1	28th	46·6	3rd	48·5
8	Chaibassa	*733*	29·290	+·032	30·017	29·419	12th	29·104	1st	·315	57·7	84·6	+0·3	53·3	−3·9	69·1	−1·8	31·6	99·1	28th	44·8	3rd	54·3
	Ranchi	2,128	27·882	+·045	30·019	28·009	12th	27·693	1st	·316	59·6	78·5	+0·3	54·4	−0·4	66·4	−0·1	24·1	89·2	28th	42·9	3rd	46·3
	Purulia	*816*	29·214		30·023	29·369	12th	29·066	1st	·303	59·2	84·3		55·6		70·0		28·7	95·5	28th	46·1	3rd	49·4
	Hazaribagh	2,007	27·990	+·030	30·001	28·117	12th	27·796	1st	·321	62·1	75·0	−3·0	53·2	−1·3	64·1	−2·1	21·8	88·6	28th	41·3	2nd & 3rd.	47·3
	Dáltonganj	*730*	29·334?		30·077?	29·490	12th	29·143	1st	·347	51·9	82·5		47·4		64·9		35·1	95·1	28th	38·5	5th	56·6
9	Purnea	134	29·914	+·041	30·011	30·079	12th	29·728	1st	·351	57·3†	81·0†	+1·6†	50·6†	−1·0†	65·8†	+0·3	30·4	87·6	20th	41·2	6th	46·4
	Bhagalpur	160	29·881		30·001	30·055	12th	29·709	1st	·346	63·7‡	82·1‡		53·1‡		67·6‡		29·0	89·2	20th	40·8	9th	48·4
	Monghyr	155	29·896		30·013	30·070	12th	29·707	1st	·363	61·6	78·6		54·7		66·6		23·9	87·2	20th & 25th.	45·4	3rd	41·8
	Darbhanga	165	29·874	+·031	30·004	30·043	12th	29·704	1st	·339	57·3	77·9	+1·1	51·0	−3·4	64·5	−1·1	26·9	85·1	24th, 26th & 28th.	43·3	11th	41·8
	Pusa	188	29·860		30·016	30·031	12th	29·669	1st	·362	55·9	79·7		48·7		64·2		31·0	88·2	20th	40·4	6th	47·8
	Muzaffarpur	177	29·876		30·021	30·059	12th	29·695	1st	·364	58·1	78·1		50·2		64·2		27·9	86·7	20th	42·0	7th	44·7
	Motihari	221	29·810		30·006	29·982	12th	29·642	1st	·340	54·5	76·5		50·5		63·5		26·0	84·1	20th & 24th.	43·3	11th	40·1
	Chapra	181	29·858		30·007	30·022	12th	29·673	1st	·349	56·1	79·4		51·5		65·5		27·9	88·3	25th	43·3	7th	41·0
	Patna	183	29·862	+·026	30·010	30·027	12th	29·665	1st	·362	60·9	77·7	−0·5	53·2	−0·4	65·4	−0·5	24·5	86·5	20th & 26th.	44·2	6th	42·3
	Arrah	190	29·835§		30·000§	30·014	13th	29·646	1st	·368	57·6	79·3		50·6		65·0		28·7	89·1	28th	43·3	4 days	46·8
	Buxar	239	29·800		30·012	29·972	12th	29·613	1st	·359	56·9	80·4		52·3		66·3		28·1	91·5	28th	42·6	5th	48·9
	Dehri	351	29·690		30·017	29·850	12th	29·487	1st	·363	59·9	81·2		54·8		68·5		25·4	92·8	28th	47·0	7th	45·8
	Gaya	372	29·676	+·031	30·023	29·803	12th	29·469	1st	·334	59·8	81·0	−0·3	53·5	−2·7	67·3	−1·5	27·5	91·9	28th	44·7	6th	47·2
	IV.—United Provinces of Agra and Oudh.																						
10	Gorakhpur	257	29·769	+·024	29·995	29·853	12th	29·594	1st	·359	58·8	77·8	−0·2	50·0	−2·6	63·9	−1·4	27·8	86·1	20th & 24th.	42·3	5th	43·8
	Benares	267	29·785	+·037	30·021	29·942	12th	29·613	1st	·329	59·7	81·0	+0·6	49·3	−2·7	65·1	−1·1	31·7	93·6	28th	40·1	5th & 6th.	53·5
	Allahabad	309	29·732	+·025	30·015	29·886	12th	29·579	1st	·307	58·5	80·6	+0·4	49·8	−2·0	65·2	−0·8	30·8	94·6	28th	40·5	3rd	54·1

N.B.—Elevations in italics indicate barometrical determinations.

‡ Mean of 23 days.
§ " " 27 "

NOTE.—The barometric readings are not reduced to sea-level, in the cases of hill or plateau

† Mean of 25 days.

B—*continued.*

in India, etc., in February, 1911—continued.

Wind direction. Number of winds from Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Resultant direction.	Normal direction.	Wind velocity. Mean velocity, miles per hour.	Normal.	Departure from normal.	Wind steadiness. Actual percentage.	Departure from normal.	Hygrometry, 8 hrs. Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs. in inches of mercury.	Departure from normal in inches of mercury.	Cloud. Mean cloud amount at 8 hrs.	Departure from normal.	Rainfall. Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st Dec., 1910, to 28th Feb., 1911.	Normal rainfall for period, 1st Dec. to 28th Feb.	Departure from normal of period, 1st Dec., 1910, to 28th Feb., 1911.	Heaviest rainfall during month.	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	54	55	56	57
																																II.—Eastern Bengal and Assam—*concld.*
9	1	3	8	3		1	1	2	N 79° E	N 40° E	2·2			32	−1	83	−3	·423	+·011	2·3	+0·8	0	1·03	−1·03	0	0·45	−0·45	1·09	0·99	+0·10	0	Jalpaiguri.
12		2	12	2					E		1·9			54		86		·418		2·0		0	1·21	−1·21	0	0·42	−0·42	1·64	0·93	+0·71	0	Cooch Behar.
																																III.—Bengal.
	5	6	2		3	6	2	4	N 31° W	N 3° W	9·1	8·7	+0·4	21	−3	85	−1	·590	−·052	1·3	−1·9	1	1·74	−0·74	0·11	1·12	−1·01	0·11	1·66	−1·55	0·11	Saugor Island.
5	12	2			3	1	1	4	N 13° W		2·3			46		47		·300		0·6		0	1·77	−1·77	0	1·09	−1·09	0	1·84	−1·84	0	Midnapore.
4	2	2	2	2	2	4	2	8	N 63° W	S 46° W	3·8*	3·3	+0·5	25	+9	80	−1	·483	−·054	1·3	−0·9	0	1·61	−1·61	0·05	1·00	−0·95	0·07	1·64	−1·57	0·05	Calcutta.
22	1			1	2		1	1	S 45° W	N 18° W	3·7	2·0	+1·7	4	−8	75	−8	·442	−·060	2·2	−0·1	1	1·77	−0·77	0·18	1·16	−0·97	0·77	1·80	−1·03	0·18	Jessore.
25					1			2	N 64° W		0·9			4		74		·383		0·9		0	1·58	−1·58	0·03	1·10	−1·07	0·03	1·63	−1·60	0·03	Krishnagar.
11	4	2				1	3	7	N 31° W	N 27° W	1·6	2·0	−0·4	42	+22	63	−5	·344	−·072	0·8	−1·7	0	1·58	−1·58	0	0·92	−0·92	0·01	1·32	−1·31	0	Burdwan.
24						1		3	N 72° W		2·6			11		42		·250		0·4		0	1·88	−1·88	0·03	1·03	−1·00	0·03	1·50	−1·47	0·03	Bankura.
22	1			1			1	3	N 45° W		2·3			11		60		·313		0·6		0	1·52	−1·52	0	1·05	−1·05	0	1·56	−1·56	0	Raniganj
14	1	2			2	3	2	4	N 79° W	S 83° W	1·7	2·2	−0·5	18	−13	73	−7	·359	−·076	0·5	−1·7	0	1·65	−1·65	0	0·97	−0·97	0	1·49	−1·49	0	Berhampore.
25								3	N 45° W		2·0			3		50		·269		0·4		0	1·62	−1·62	0	0·70	−0·70	0	1·45	−1·45	0	Naya Dumka.
10	7					2		9	N 33° W	N 42° W	1·9	3·8	−1·9	53	+18	56	−22?	·316	−·180?	1·3	−1·7	0	2·16	−2·16	0·05	1·20	−1·15	0·05	1·65	−1·60	0·05	Balasore.
2	8	1		1		7	6	3	N 66° W	N 57° W	6·8	7·8	−1·0	46	+3	83	−3	·594	−·073	3·6	+0·5	1	1·29	−0·29	0·64	0·95	−0·31	0·64	2·10	−1·46	0·64	False Point.
26			1				1		(a)	N 36° E	1·5*	2·1	−0·6			74	−4	·475	−·087	1·5	−0·9	1	1·16	−0·16	0·12	0·46	−0·34	0·12	0·89	−0·77	0·12	Cuttack.
2	14	1				3	7	1	N 35° W		10·1			57		79		·591		1·5		1	1·08	−0·08	0·10	0·99	−0·89	0·10	1·90	−1·80	0·10	Puri.
6		1					3	18	N 49° W		5·3			68		59		·351		1·1		1			0·33			0·33			0·33	Angul.
		7	5	2	9	4		1	S 46° E	N 27° E	4·6	2·9	+1·7	39	−23	53	−14	·327	−·131	1·8	−0·2	0	1·00	−1·00	0	0·51	−0·51	0	1·03	−1·03	0	Sambalpur.
8						17	2	1	S 53° W	S 86° W	2·4	1·5	+0·9	63	+6	65	−8	·311	−·112	1·3	−0·8	0	1·61	−1·61	0	1·26	−1·26	0	1·50	−1·50	0	Chaibassa.
6	1			1		3	9	8	N 77° W	N 68° W	7·4	5·3	+1·6	56	+21	42	−17	·218	−·108	0·6	−1·5	0	2·10	−2·10	0	1·36	−1·36	0	1·74	−1·74	0	Ranchi.
5	1					1	13	8	N 72° W		3·6			71		52		·265		0·6		0	1·97	−1·97	0	1·02	−1·02	0	1·64	−1·64	0	Purulia.
	3		1		2	7	7	8	N 84° W	S 87° W	7·7	7·2	+0·5	60	+16	37	−20	·203	−·101	0·6	−2·0	0	1·84	−1·84	0	0·75	−0·75	0	1·43	−1·43	0	Hazaribagh.
17			3	6	1	1			S 19° E		3·2			32		71		·275		1·3		0	1·30	−1·30	0	0·53	−0·53	0·20	1·58	−1·38	0	Daltonganj.
14	3					3	6	2	N 76° W	S 64° W	1·1	3·1	−2·0	32	+12	85†	+1	·402†	+·009	0·9	−0·6	0	1·13	−1·13	0	0·56	−0·56	0·50	1·13	−0·63	0	Purnea.
25						3			S 45° W		2·4			11		63‡		·360‡		0·8		0	1·52	−1·52	0	0·68	−0·68	0·06	1·30	−1·24	0	Bhagalpur.
4	1		1	1		3	14	4	N 87° W		3·1			61		71		·394		0·7		0			0			0·47			0	Monghyr.
13		1	3	1	1	5	4		S 35° W	N 89° W	1·7	3·7	−2·0	21	−10	81	+4	·388	−·004	0·3	−1·3	0	1·23	−1·23	0	0·51	−0·51	0·41	1·20	−0·79	0	Darbhanga.
12		1	1	3	3	6	1		S 6° W		2·8			32		77		·351		0		0			0			0·27			0	Pusa.
19			2	2		2	2	1	S 27° W		2·0*			7		74		·363		0·1		0	1·27	−1·27	0	0·47	−0·47	0·20	1·33	−1·13	0	Muzaffarpur.
27							1		W		0·3			4		88		·381		0·7		0	1·00	−1·00	0	0·37	−0·37	0·71	1·10	−0·39	0	Motihari.
																74		·339		0·8		0	1·13	−1·13	0	0·49	−0·49	0·33	1·32	−0·99	0	Chapra.
4	1		2	1	7	6	7		S 38° W	S 70° W	4·1	3·3	+0·8	49	+2	60	−8	·330	−·041	0·6	−1·8	0	1·16	−1·16	0	0·60	−0·60	0·15	1·26	−1·11	0	Patna.
11					1	5	10	1	S 74° W		7·1			54		60		·291		0·8		0	1·10	−1·10	0	0·61	−0·61	0·11	1·62	−1·51	0	Arrah.
3	1	1	1		4	12	6		S 50° W		5·6			61		65		·303		1·0		0	1·39	−1·39	0	0·52	−0·52	0·87	1·50	−0·63	0	Buxar.
17						11			S 45° W		2·8			39		57		·289		0·6		0	1·29	−1·29	0	0·52	−0·52	0·47	1·43	−0·96	0	Dehri.
21					1	3	8		S 59° W	S 37° W	3·5	3·6	−0·1	21	−14	64	−4	·339	−·044	1·0	−1·3	0	1·39	−1·39	0	0·63	−0·63	0·10	1·39	−1·29	0	Gaya.
																																IV.—United Provinces of Agra and Oudh.
20						1	5	2	N 84° W	N 73° W	1·6	2·2	−0·6	25	−14	73	0	·337	−·027	0·3	−1·6	0	1·30	−1·30	0	0·49	−0·49	1·11	1·39	−0·28	0	Gorakhpur.
15						5	7	1	S 76° W	S 52° W	1·6	3·9	−2·3	39	+5	63	−10	·344	−·034	0·7	−1·5	0	1·20	−1·20	0	0·46	−0·46	0·36	1·34	−0·98	0	Benares.
6		1	2	1		1	14	3	N 84° W	S 81° W	3·6	4·5	−0·9	46	+22	57	−12	·286	−·075	1·0	−1·5	0	1·00	−1·00	0	0·47	−0·47	0·86	1·47	−0·61	0	Allahabad.

stations, the elevations of which exceed 3,000 feet. (a) Indeterminate. * Uncorrected for scale error. ‖ Mean of 24 days.

Table

(2) *Abstract of observations taken at 8 hrs. at 238 stations*

Number of subdivision.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	IV.—United Provinces of Agra and Oudh—*concld.*																						
10	Cawnpore	416	29·621	+·042	30·021	29·776	12th	29·472	28th	·304	55·9	80·6	+1·8	47·8	−3·7	64·2	−0·9	32·8	94·2	28th	37·0	10th	57·2
	Lucknow	368	29·680	+·044	30·028	29·849	12th	29·535	1st	·314	58·4	79·7	+0·9	50·1	−0·8	64·9	+0·1	28·6	92·0	28th	39·1	7th	52·9
	Bahraich	401	29·616	+·034	30·005	29·790	12th	29·441	1st	·349	54·7	76·4	−0·3	50·0	−0·7	63·2	−0·5	26·4	85·6	24th	41·5	10th	44·1
11	Jhansi	824	29·240	+·045	30·064	29·389	12th	29·065	28th	·324	59·9	83·5	+2·3	52·1	−3·3	67·8	−0·5	31·4	97·0	28th	41·5	5th	55·5
	Agra	556	29·493	+·034	30·041	29·650	12th	29·329	28th	·321	58·4	80·7	+2·1	52·0	−0·3	66·3	+0·9	28·7	92·5	27th & 28th.	40·5	2nd	52·0
	Mainpuri	516	29·525	+·052	30·037	29·677	12th	29·368	28th	·309	53·2	79·2	+2·4	48·6	−1·8	63·9	+0·3	30·6	91·8	28th	40·1	6 days	51·7
	Bareilly	568	29·439	+·026	30·006	29·600	12th	29·294	1st	·306	54·0	75·9	+0·9	49·2	−0·5	62·6	+0·2	26·7	86·8	27th	40·0	2nd & 5th	46·8
	Meerut	733	29·307	+·057	30·056	29·470	12th	29·168	28th	·302	52·9	75·2	+0·7	46·6	−1·8	60·9	−0·5	28·6	87·6	28th	36·8	5th	50·8
	Roorkee	699	29·119	+·051	30·046	29·270	12th	28·976	28th	·294	52·5	72·7	−0·4	46·4	−1·3	59·5	−0·9	26·3	85·5	28th	38·9	5th & 9th	46·6
	Dehra Dun	2,233	27·743	+·031	30·031	27·882	12th	27·598	1st	·284	52·2	71·9	+2·7	47·0	0	59·5	+1·3	24·9	81·0	27th & 28th.	36·5	2nd	44·5
	V.—Punjab.																						
12	Delhi	718	29·314	+·039	30·042	29·459	12th	29·177	27th	·282	55·6	76·9	+2·1	52·4	+0·6	64·6	+1·3	24·5	90·0	27th & 28th.	40·2	2nd	49·8
	Sirsa	662	29·368	+·051	30·067	29·531	12th	29·214	27th	·317	50·7	78·0	+2·8	46·6	−0·2	62·3	+1·3	31·4	91·8	27th	34·5	2nd	57·3
	Patiala	*818*	29·201		30·046	29·341	12th	29·077	27th	·264	52·1	73·5		48·0		60·8		25·5	84·4	23rd & 27th.	39·6	2nd & 5th	44·8
	Ambala	892	29·114	+·054	30·036	29·249	12th	29·002	28th	·247	52·4	76·0	+4·5	47·2	−0·6	61·6	+1·9	28·8	87·5	28th	37·9	1st & 5th.	49·6
	Ludhiana	812	29·218	+·052	30·057	29·361	12th	29·082	27th	·279	52·0	73·4	+2·2	48·3	+0·8	60·9	+1·5	25·1	84·0	28th	39·5	2nd, 3rd & 5th.	44·5
	Lahore	702	29·336	+·039	30·061	29·477	12th	29·173	27th	·304	51·0	74·1	+1·4	47·0	+2·9	60·6	+2·1	27·1	84·9	26th	36·2	2nd	48·7
	Sialkot	830	29·212	+·064	30·074	29·349	12th	29·067	27th	·282	52·1	70·3	+0·7	45·1	−1·0	57·7	−0·1	25·2	80·0	25th	36·0	5th	44·0
	Rawalpindi	1,674	28·359	+·059	30·118	28·508	12th	28·226	27th	·282	47·6	66·2	+1·4	42·8	+1·4	54·5	+1·4	23·4	77·9	26th	33·4	1st	44·5
13	Khushab	612	29·456	+·059	30·083	29·611	12th	29·260	27th	·351	55·2	74·2	+5·5?	48·8	+2·7	61·5	+4·1?	25·4	87·9	26th	36·4	2nd	51·5
	Montgomery	558	29·500	+·054	30·068	29·650	12th	29·294	27th	·356	52·8	75·7	+2·9	46·0	−0·4	60·8	+1·3	29·7	83·4	27th	33·5	1st & 2nd	54·[illegible]
	Multan	420	29·664	+·044	30·079	29·819	12th	29·430	26th	·389	55·1	76·2	+2·5	48·8	+2·3	63·0	+2·4	26·4	86·3	26th	35·5	2nd	47·8
	VI.—North-West Frontier Province.																						
15	Peshawar	1,113	28·977	+·051	30·155	29·131	12th	28·829	26th	·302	47·0	66·6	+0·5	43·1	+0·5	54·8	+0·5	23·5	80·7	26th	32·9	1st & 2nd	47·8
	D. I. Khan	590	29·490	+·030	30·100	29·619	12th	29·319	27th	·300	49·2	73·3	+1·4	44·3	−0·3	59·0	+0·5	28·7	88·4	24th	31·1	1st	57·3
	VII.—Sind.																						
17	Jacobabad	186	29·884	+·024	30·042	29·996	12th & 24th.	29·681	27th	·315	57·0	81·5	+3·6	49·8	+1·3	65·6	+2·5	31·7	90·1	27th	36·3	2nd	53·8
	Hyderabad	96	29·980	+·021	30·053	30·055	12th	29·841	27th	·254	60·8	85·2	+4·4	55·1	+0·7	70·2	+2·5	30·1	93·5	26th	38·0	1st	55·5
	Karachi	13	30·096	+·041	30·050	30·176	21st	29·962	27th	·214	65·2	77·5	−0·3	61·6	+1·2	69·6	+0·5	15·9	84·0	14th	49·0	1st	35·0
	VIII.—Rajputana.																						
18	Bikaner	*771*	29·272	+·043	30·050	29·410	12th	29·116	27th	·294	57·6	81·6	+5·7	52·6	−0·9	67·1	+2·4	29·0	91·0	27th	35·0	2nd	56·0
	Jodhpur	780	29·282	+·053	30·062	29·391	12th	29·150	28th	·241	60·0	84·6	+5·2	53·2	−0·1	68·9	+2·5	31·4	96·5	26th	38·3	1st	58·2
19	Jaipur	1,431	28·619	+·053	30·078	28·757	12th	28·472	28th	·285	58·6	83·0	+4·4	51·0	−0·9	67·0	+1·7	32·0	93·2	27th	35·6	2nd	57·6
	Sambhar	1,254	28·801	+·067	30·089	28·941	12th	28·654	28th	·287	54·3	82·6	+5·2	47·9	−1·8	65·3	+1·7	34·7	92·9	27th	34·4	2nd	58·5
	Ajmer	1,611	28·451	+·056	30·099	28·590	12th	28·319	28th	·271	55·4	80·1	+2·3	52·5	+3·1?	66·3	+2·7?	27·6	89·4	26th & 27th.	40·7	4th	48·7
	Kotah	819 ?	29·227?	+·041?	30·041?	29·259	12th	29·095	28th	·264	62·9	84·5	+3·4	56·5	+1·6	70·5	+2·5	28·0	94·5	23rd	45·6	2nd & 3rd	48·9
	Udaipur	1,925	28·138	+·049	30·078	28·269	12th	28·016	28th	·253	61·3	82·5	+4·0	49·5	−1·3	66·1	+1·3	33·0	92·0	26th	36·3	2nd	55·7

N.B.—Elevations in italics indicate barometrical determinations.

NOTE.—The barometric readings are not reduced to sea-level, in the cases of hill or plateau stations, the elevations of which exceed 3,200 feet.

B—*continued.*

in India, etc., in February, 1911—continued.

Wind direction. Number of winds from Calm. (25)	N. (26)	N.E. (27)	E. (28)	S.E. (29)	S. (30)	S.W. (31)	W. (32)	N.W. (33)	Resultant direction. (34)	Normal direction. (35)	Wind velocity. Mean velocity, miles per hour. (36)	Normal. (37)	Departure from normal. (38)	Wind steadiness. Actual percentage. (39)	Departure from normal. (40)	Hygrometry, 8 hrs. Mean humidity at 8 hrs. (41)	Departure from normal. (42)	Mean vapour tension at 8 hrs. in inches of mercury. (43)	Departure from normal in inches of mercury. (44)	Cloud. Mean cloud amount at 8 hrs. (45)	Departure from normal. (46)	Rainfall. Number of rainy days. (47)	Normal number of rainy days. (48)	Departure from normal. (49)	Rainfall of month. (50)	Normal rainfall of month. (51)	Departure from normal. (52)	Total rainfall from 1st Dec., 1910 to 28th Feb., 1911. (53)	Normal rainfall for period, 1st Dec. to 28th Feb. (54)	Departure from normal of period, 1st Dec., 1910, to 28th Feb., 1911. (55)	Heaviest rainfall during month. (56)	Station. (57)
																																IV.—United Provinces of Agra and Oudh—*concld.*
9	1		1			7	8	2	S 79° W	N 81° W	3·1	3·9	−0·8	46	+22	62	− 5	·279	−·055	0·4	−1·5	0	1·00	−1·00	0	0·48	−0·48	0·77	1·33	−0·56	0	Cawnpore.
20				1			6	1	W	N 71° W	2·2	3·0	−0·8	21	− 9	61	−11	·304	−·040	1·0	−1·8	0	1·20	−1·20	0	0·44	−0·44	2·48	1·78	+0·70	0	Lucknow.
8	3	2		1	1	2	6	5	N 61° W	N 68° W	2·3	3·2	−0·9	36	+ 5	81	+ 3	·355	−·013	1·2	−1·8	0	1·60	−1·60	0	1·01	−1·01	4·88	2·27	+2·61	0	Bahraich.
7	1	1				5	9	5	N 83° W	S 81° W	4·8	2·5	+2·3	53	+30	44	− 9	·235	−·061	1·9	+0·2	0	0·80	−0·80	0	0·41	−0·41	0·73	1·27	−0·54	0	Jhansi.
10			2	4	2	2	5	3	S 42° W	N 53° W	3·7	4·3	−0·6	21	−13	54	−11	·263	−·044	1·8	−0·6	0	0·60	−0·60	0	0·29	−0·29	1·14	1·11	+0·03	0	Agra.
7		1	1	1		4	10	4	W	N 63° W	1·9	2·0	−0·1	47	+27	68	− 4	·280	−·047	0	−3·8	0	0·70	−0·70	0	0·96	−0·96	1·90	2·03	−0·13	0	Mainpuri.
28									(a)	N 51° W	0·2	3·1	−2·9			76	0	·320	−·004	1·8	−1·5	0	1·18	−1·18	0	0·74	−0·74	5·18	2·12	+3·06	0	Bareilly.
8	3			1		1	10	5	N 69° W	N 83° W	3·9	2·6	+1·3	43	+18	71	− 2	·286	−·017	2·0	−1·1	0	1·50	−1·50	0·02	0·90	−0·88	4·71	2·73	+1·98	0·02	Meerut.
21				1				6	N 45° W	N 40° W	2·0	2·8	−0·8	14	+ 2	82	+ 2	·322	+·014	1·0	−2·3	1	2·90	−1·90	0·14	1·32	−1·18	6·61	3·61	+3·00	0·14	Roorkee.
8									(a)	N 32° W	1·8†	1·7	+0·1			69	− 5	·268	−·013	3·1	−0·7	1	4·10	−3·10	0·59	2·21	−1·62	9·87	5·39	+4·48	0·59	Dehra Dun.
																																V.—Punjab.
4				2	1	1	13		N 84° W	N 85° W	3·4	3·5	−0·1	60	+27	68	+ 3	·301	+·019	1·8	−2·1	0	1·40	−1·40	0	0·71	−0·71	2·32	2·47	−0·15	0	Delhi.
10	1	2	5	1	1	3	4	1	S 23° E	S 76° W	4·9	4·1	+0·8	3	− 1	69	− 4	·258	−·030	2·2	−1·9	0	1·10	−1·10	0·07	0·33	−0·26	2·02	1·48	+0·54	0·07	Sirsa.
4	4	1	1	2	2	1	3	11	N 45° W		6·3			39		73		·289		2·0		1			0·24			5·58			0·22	Patiala.
8	5		3			1	1	1	N 47° W	N 39° W	5·0	2·3	+2·7	46	+21	77	− 7	·304	−·020	2·0	−1·4	1	2·30	−1·30	0·27	2·41	−2·14	6·13	4·85	+1·28	0·25	Ambala.
23	1	1					1		N 29° W	N 52° W	0·6	1·9	−1·3	14	−14	75	− 3	·296	−·012	2·2	−2·3	1	2·40	−1·40	0·18	1·30	−1·12	8·62	3·92	+4·70	0·10	Ludhiana.
12	1	4	3	2			2	5	N 25° E	N 23° W	2·7	2·2	+0·5	21	+12	76	− 2	·287	−·008	3·4	−0·2	1	2·20	−1·20	0·17	1·10	−0·93	2·89	2·60	+0·29	0·17	Lahore.
14	5	1	3			1	2		N 9° E	N 18° E	1·8	1·8	0	21	+ 7	81	+ 5	·326	+·019	3·1	−0·1	1	3·50	−2·50	0·67	1·80	−1·13	5·33	4·83	+0·55	0·62	Sialkot.
13	2	1	1			1	5		N 63° W	N 45° W	3·0	2·3	+0·7	14	−10	76	− 6	·250	−·013	4·3	0	1	4·40	−3·40	1·21	2·24	−1·03	10·70	5·72	+4·98	1·	Rawalpindi.
13	2	5	2	1		2	2	1	N 28° E	N 23° E	4·1	3·3	+0·8	18	+ 7	59	−11	·259	+·027	2·9	−0·4	1	1·80	−0·80	0·67	0·69	−0·02	3·17	2·05	+1·12	0·67	Khushab.
12	5	1	1	3		1		3	N 21° E	N 18° E	4·9	4·2	+0·7	21	+ 5	57	−12	·228	−·047	2·4	−1·3	0	1·30	−1·30	0	0·67	−0·67	0·87	1·93	−1·06	0	Montgomery.
18	6	5						1	N 9° E	N 37° E	1·1	1·8	−0·7	32	+12	57	−11	·247	−·057?	1·0	−2·3	0	1·20	−1·20	0	0·43	−0·43	0·58	1·07	−0·49	0	Multan.
																																VI.—North-West Frontier Province.
12			1	2	6	2	1		S 22° W	S 27° W	2·9	3·2	−0·3	33	− 3	66	−10	·216	−·036	4·3	−0·2	2	2·90	−0·90	0·62	1·22	−0·60	4·33	3·15	+1·18	0·40	Peshawar.
22	1	1		1				3	N 13° W	N 22° W	1·5	1·9	−0·4	11	−13	67	− 4	·238	−·022	2·2	−1·1	0	2·00	−2·00	0·02	0·79	−0·77	0·83	1·44	−0·61	0·02	D. I. Khan.
																																VII.—Sind.
12	4	5		2				5	N 9° E	N 37° E	4·7	3·0	+1·7	36	+16	55	− 2	·261	+·012	2·3	−1·1	0	0·90	−0·90	0	0·34	−0·34	0·27	0·70	−0·43	0	Jacobabad.
8	7			1	3	4		5	N 51° W	N 21° W	4·3	6·9	−2·6	29	−11	60	+ 3	·327	+·025	2·0	−0·7	0	0·60	−0·60	0	0·22	−0·22	0·13	0·51	+0·38	0	Hyderabad.
6	3	7	3				4	5	N 2° E	N 39° E	8·4	9·8	−1·4	41	−18	73	− 2	·465	+·059	2·1	0	0	0·80	−0·80	0·02	0·31	−0·29	0·62	1·10	−0·48	0·02	Karachi.
																																VIII.—Rajputana.
4	1	2	3	7	5	5	1		S 23° E	N 39° W	5·9	4·5	+1·4	42	+18	38	−15	·188	−·060	2·2	−1·1	0	0·80	−0·80	0	0·26	−0·26	0·20	0·82	−0·62	0	Bikaner.
9	4	13	1			1			N 37° E		3·3			53		32	−12	·172		1·9		0	0·50	−0·50	0	0·11	−0·11	0·07	0·49	−0·42	0	Jodhpur.
14	3	6	2				2	1	N 25° E	N 2° W	3·3*	3·8	−0·5	29	− 2	43	−14	·214	−·063	2·3	−0·6	0	0·50	−0·50	0	0·17	−0·17	0·71	0·96	−0·25	0	Jaipur.
28							1	1	N 66° W	N 9° E	3·8	4·7	−0·9	7	−21	46	−13	·199	−·061	1·4	−1·1	0	0·50	−0·50	0	0·18	−0·18	0·43	0·92	−0·49	0	Sambhar.
19	2		1	1	1		3	1	N 63° W	N 2° W	3·8	2·5	+1·3	7	− 4	53	−11	·241	−·043	2·1	−0·2	0	0·70	−0·70	0	0·24	−0·24	0·14	0·95	−0·81	0	Ajmer.
21	1	1					4	1	N 59° W		1·9			14		48	+ 2?	·285		1·9		0	0·50	−0·50	0	0·17	−0·17	0·42	0·71	−0·29	0	Kotah.
26							1	1	N 68° W		2·3			7		50	0	·281		1·5		0	0·30	−0·30	0	0·23	−0·23	0·05	0·42	−0·37	0	Udaipur.

* Uncorrected for scale error. (a) Indeterminate. † Mean of 27 days.

Table

(2) *Abstract of observations taken at 8 hrs. at 238 stations*

Number of subdivision.	Station.	Elevation of barometer above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, 32.43° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	IX.—Bombay.																						
20	Deesa	466	29·600	+·047	30·045	29·702	12th	29·502	27th	·200	60·3	89·9	+3·4	52·5	−2·6	71·2	+0·4	37·4	98·3	26th	39·4	2nd	58·9
	Bhuj	395	29·684	+·052	30·049	29·769	21st	29·598	27th	·171	61·2	86·6	+2·3	56·6	−1·5	71·6	+0·4	30·0	94·5	26th	41·0	1st	50·5
	Jamnagar	61	30·043		30·049	30·111	12th	29·956	28th	·155	67·5	84·7		54·8		69·7		29·9	92·4	21st	42·2	1st	50·2
	Dwarka	37?	30·071		30·055	30·161	21st	29·987	27th	·174	68·9	78·4		63·2		70·8		15·2	90·3	13th	53·7	2nd & 3rd.	36·6
	Rajkot	429	29·645	+·049	30·043	29·722	21st	29·559	27th	·163	63·6	87·8	+0·6	53·5	−1·0	70·7	−0·2	34·3	95·6	26th	36·5	1st	59·1
	Veraval	18	30·053	+·050	30·015	30·104	12th	29·984	23rd	·120	66·7	84·5	+3·0	58·8	−1·9	71·6	+0·5	25·7	91·1	27th	47·8	1st	43·3
	Bhavnagar Para	55	30·046	+·053	30·045	30·133	12th	29·964	27th	·169	64·3	89·7	+4·0	56·5	−3·4?	73·1	+0·3?	33·2	97·1	26th	41·5	2nd	55·6
	Surat	39	30·026	+·037	30·009	30·093	12th	29·937	27th	·156	66·0	90·7	+1·0	59·3	+0·3	75·0	+0·7	31·4	99·6	25th	44·1	2nd	55·6
	Ahmedabad	163	29·911	+·056	30·030	30·004	12th	29·813	27th	·191	65·6	90·8	+3·3	59·1	−1·2	75·0	+1·1	31·7	99·6	26th	44·7	1st	54·9
26	Bombay	37	30·016	+·035	29·994	30·079	12th	29·949	23rd	·130	70·9	84·1	+1·5	67·9	−0·8	76·0	+0·3	16·2	91·0	14th	53·5	2nd	32·5
	Ratnagiri	110	29·918	+·036	29·969	30·002	21st	29·865	2nd & 27th	·137	72·4	87·1	+0·7	64·7	−2·6	75·9	−0·9	22·4	96·3	13th, 14th & 15th.	54·9	2nd & 3rd	41·4
	Goa	199	?	?	?	?	?	?	?	?	71·1	84·4	−2·2	68·0	−2·1	76·2	−2·1	16·4	92·1	14th	63·1	4th	29·0
	Marmugao	60	29·973	+·040	29·969	30·014	21st	29·917	2nd	·127	71·4	85·4	+0·5	68·3	−2·9	76·9	−1·2	17·1	91·5	14th	63·2	3rd & 4th	28·3
	Karwar	44	30·001	+·042	29·981	30·077	21st	29·889	2nd	·188	66·9	87·0	+0·7	63·4	−3·9	75·2	−1·6	23·6	93·8	14th	53·5	3rd	40·3
27	Malegaon	1,430	28·617	+·045	30·049	28·724	12th	28·539	27th	·185	62·4	90·3	+0·4	51·9	−3·5	71·1	−1·5	38·4	97·9	24th & 28th.	34·4	2nd	63·4
	Ahmednagar	2,154	27·907	+·072?	30·037	28·010	12th	27·835	1st	·175	65·1	87·3	−0·8	53·1	−4·0	70·2	−1·4	34·2	94·4	24th	36·6	2nd	57·9
	Poona	1,846	28·407	+·048	30·052	28·302	12th	28·185	1st	·167	62·1	89·2	−2·1	53·8	−3·2	71·6	−2·7	35·3	96·0	24th & 27th.	38·6	2nd	57·2
	Sholapur	1,590	28·455	+·048	30·016	28·549	13th	28·381	1st	·168	68·9	90·8	−2·9	59·8	−2·4	75·3	−2·7	31·0	97·3	23rd	43·4	2nd	53·9
	Bijapur	1,943	28·092	+·064	29·996	28·167	14th	28·021	1st	·146	70·1	90·3	−0·1	59·7	−4·5	75·0	−2·3	30·6	96·7	23rd & 24th.	48·2	3rd & 4th	48·5
	Belgaum	2,539	27·485	+·035	29·964	27·572	21st	27·403	1st	·169	68·4	86·9	−1·7	56·4	−3·2	71·6	−2·5	30·5	91·3	22nd, 23rd & 24th.	51·6	1st & 16th.	39·8
	X.—Central India.																						
21	Neemuch	1,624	28·428	+·056	30·075	28·560	12th	28·347	28th	·213	57·8	83·5	+2·3	50·6	−1·5	67·0	+0·4	32·9	93·5	23rd	34·7	1st	58·8
	Indore	1,823	28·220	+·052	30·055	28·340	12th	28·124	28th	·216	61·2	84·3	+1·0	50·9	−1·2	67·6	−0·1	33·4	93·6	27th	37·6	2nd	56·0
22	Nowgong	754	29·290	+·031	30·047	29·420	12th	29·119	28th	·311	55·2	81·0	+0·7	48·6	−2·5	64·8	−0·9	32·4	93·5	28th	39·0	1st	54·5
	Sutna	1,041	28·958	+·044	30·049	29·149	12th	28·857	28th	·292	58·0	82·2	+2·6	51·1	−1·2	66·6	+0·7	31·1	95·5	28th	40·7	4th	54·8
	XI.—Central Provinces.																						
23	Buldana	2,132	27·927		30·044	28·033	12th	27·840	1st	·193	70·9	85·1		60·8		72·9		24·3	93·0	27th	47·0	2nd	46·0
	Akola	930	29·131	+·066	30·047	29·241	12th	29·017	28th	·224	64·0	89·9	−0·8	52·3	−5·2	71·1	−3·0	37·6	98·7	27th & 28th.	36·1	2nd	62·6
	Amraoti	1,315	28·826?	+·060?	29·993?	28·949	12th	28·722	28th	·227	68·4	88·6	−1·5	60·1	−1·6?	74·3	−1·5?	28·5	97·3	28th	46·3	2nd	51·0
24	Khandwa	1,044	29·009	+·054	30·061	29·132	12th	28·910	27th	·222	57·5	88·9	+0·1	52·4	−3·5	70·7	−1·7	36·5	98·7	27th	36·1	2nd	62·6
	Hoshangabad	1,006	29·054	+·052	30·065	29·192	12th	28·921	28th	·271	57·9	85·8	+0·4	52·6	−3·4	69·2	−1·5	33·2	95·6	27th	39·9	2nd	55·7
	Saugor	1,807	28·221?	+·046?	30·027?	28·346	12th	28·082	28th	·264	64·5	82·2	+0·9	56·2	+0·8	69·2	+0·9	26·0	93·6	28th	42·6	2nd	51·9
	Jubbulpore	1,327	28·702	+·038	30·052	28·844	12th	28·577	28th	·264	55·3	82·9	−0·4	48·5	−3·9	65·3	−2·1	33·5	93·8	28th	39·3	2nd, 3rd & 4th.	58·5
	Seoni	2,033	28·010	+·053	30·053	28·136	12th	27·886	1st	·250	61·7	82·9	−0·9	52·4	−3·9	67·7	−1·9	30·5	92·6	25th & 27th.	38·0	2nd	54·6
	Nagpur	1,017	28·033	+·060	30·038	29·158	12th	28·924	28th	·234	65·0	87·5	−1·8	56·1	−3·9	71·8	−2·9	31·4	96·6	27th & 28th.	44·3	2nd	52·3
25	Pendra	2,422?	27·988		30·017	28·116	12th	27·813	1st	·303	62·9	80·4		53·4		66·9		27·0	91·8	28th	39·2	2nd	52·6
	Raipur	970	29·072	+·048	30·032	29·188	12th	28·904	1st	·284	62·4	85·6	−1·8	57·9	−2·6	71·7	−2·2	27·7	94·7	28th	45·1	2nd	49·6
	Gunda	634	29·420	+·056	30·025	29·547	12th	29·314	28th	·233	65·9	89·4	−2·4	58·4	−5·8	71·4	−4·1	36·0	97·5	29th	40·0	2nd	57·5
	Jagdalpur		28·221		30·038	28·302	12th	28·107	1st	·195	59·6	82·7		53·4		68·1		29·3	89·7	27th	42·1	3rd	47·6

N.B.—Elevations in italics indicate barometrical determinations.

NOTE.—The barometric readings are not reduced to sea-level, in the

B—*continued.*

in India, etc., in February, 1911—continued.

Wind direction. Number of winds from Calm. (25)	N. (26)	N.E. (27)	E. (28)	S.E. (29)	S. (30)	S.W. (31)	W. (32)	N.W. (33)	Resultant direction. (34)	Normal direction. (35)	Wind velocity. Mean velocity, miles per hour. (36)	Normal. (37)	Departure from normal. (38)	Wind steadiness. Actual percentage. (39)	Departure from normal. (40)	Hygrometry, 8 a.m. Mean humidity at 8 hrs. (41)	Departure from normal. (42)	Mean vapour tension at 8 hrs., in inches of mercury. (43)	Departure from normal, in inches of mercury. (44)	Cloud. Mean cloud amount at 8 hrs. (45)	Departure from normal. (46)	Rainfall. Number of rainy days. (47)	Normal number of rainy days. (48)	Departure from normal. (49)	Rainfall of month. (50)	Normal rainfall of month. (51)	Departure from normal. (52)	Total rainfall from 1st Dec., 1910 to 28th Feb., 1911. (53)	Normal rainfall for period, 1st Dec., 1910 to 28th Feb., 1911. (54)	Departure from normal of period, 1st Dec., 1910 to 28th Feb., 1911. (55)	Heaviest rainfall during month. (56)	Station. (57)
																																IX.—Bombay.
																44	+ 1	·244	—·003	1·3	—0·7	0	0·27	—0·27	0	0·07	—0·07	0	0·28	—0·28	0	Deesa.
13		1	1			1	6	6	N 65° W	N 69° W	8·6	7·3	+1·3	36	+ 1	67	+ 8	·408	+·024	2·0	+0·7	0	0·30	—0·30	0	0·09	—0·09	0·10	0·23	—0·13	0	Bhuj.
1	1	8	4		2	5	5	2	N 6° W		5·5			9		70		·483		0·1		0			0			0·18			0	Jamnagar.
	9	6					3	10	N 16° W		9·6			74		75		·544		1·5		0			0			0·14			0	Dwarka.
5	4	2	6	2	1		5	3	N 18° E	N 2° W	6·2	6·1	+0·1	21	—10	59	0	·358	—·010	1·3	+0·3	0	0·30	—0·30	0	0·09	—0·09	0·01	0·17	—0·16	0	Rajkot.
4	17	4	1					2	N 6° E	N 7° E	7·3	7·1	+0·2	74	+ 2	60	+ 1	·396	—·005	0·3	—0·9	0	0·10	—0·10	0	0·01	—0·01	0·10	0·10	0	0	Veraval.
	2	1					8	17	N 53° W	S 85° W	4·7	8·1	—3·4	87	+22	36	—26	·230	—·165P	0·8	—0·3	0	0·20	—0·20	0	0·07	—0·07	0·05	0·21	—0·16	0	Bhavnagar Para.
5	11	2	7					3	N 24° E	N 27° W	3·9	5·0	—1·1	56	+13	47	—18	·310	—·127	0·3	—0·8	0	0·10	—0·10	0	0·08	—0·08	0·08	0·14	—0·06	0	Surat.
1	4	12	2				2	7	N 11° E	N 11° E	4·4	4·0	+0·4	60	+ 2	41	— 6	·285	—·036	0·7	—0·7	0	0·30	—0·30	0	0·14	—0·14	0	0·24	—0·24	0	Ahmedabad.
	6	15	6	1					N 48° E	N 47° E	9·1	10·4	—1·3	82	+11	69	— 2	·530	—·049	1·1	—0·1	0	0·10	—0·10	0	0·02	—0·02	0·06	0·18	—0·12	0	Bombay.
2	6	4	15	1					N 66° E	N 73° E	8·8	8·2	+0·6	74	+34	58	— 7	·463	—·076	0·9	+0·2	0	0·10	—0·10	0	0·03	—0·03	0	0·23	—0·23	0	Ratnagiri.
	1	5	21	1					N 81° E	N 67° E	6·0	5·9	+0·1	88	+11	71	0	·560	—·081	0·6	0	0			0	0·06	—0·06	0	0·31	—0·31	0	Goa.
2	1	5	20						N 79° E	N 80° E	7·4	9·3	—1·9	82	+34	80	— 2	·615	—·071	0·7	+0·1	0			0	0·05	—0·05	0	0·05	—0·05	0	Marmugao.
5	9	12	1					1	N 26° E	N 55° E	4·1	4·1	0	70	—13	75	— 9	·499	—·114	0·7	+0·2	0	0	0	0	0·02	—0·02	0	0·18	—0·18	0	Karwar.
9		1	1			2	3	14	N 55° W	N 63° W	4·2	6·1	—1·9	49	—22	34	—23	·204	—·149	0	—1·3	0	0·10	—0·10	0	0·03	—0·03	0	0·40	—0·40	0	Malegaon.
7	2	1		2	1	3	2	10	N 60° W	N 13° W	5·5	8·3	—2·8	36	+ 1	29	—30	·188	—·194P	0·1	—0·8	0	0·30	—0·30	0	0·40	—0·40	0·10	0·91	—0·81	0	Ahmednagar.
3	1	7				4	13		N 74° W	N 76° W	4·7	7·1	—2·4	39	+23	49	— 3	·277	—·040	0·5	—0·3	0	0·10	—0·10	0	0·06	—0·06	0·01	0·29	—0·28	0	Poona.
8	2	3	2	11				2	S 78° E	N 72° E	6·5	7·5	—1·0	36	+20	35	— 5	·248	—·062	0·2	—0·7	0	0·10	—0·10	0	0·03	—0·03	0	0·53	—0·53	0	Sholapur.
5	3	1	3	6	7		1	2	S 42° E	N 79° W	5·5	4·8	+0·7	29	+ 7	39	—17	·284	—·153P	0·3	—0·7	0	0·20	—0·20	0	0·07	—0·07	0	0·10	—0·10	0	Bijapur.
16			10	2					S 83° E	N 68° E				39	+15	38	—10	·263	—·089	0·2	—0·7	0	0·10	—0·10	0	0·03	—0·03	0	0·19	—0·19	0	Belgaum.
																																X.—Central India.
7	5	9	4				1	2	N 32° E	N 30° E	4·5	7·0	—2·5	53	+22	40	— 8	·198	—·055	2·0	+0·7	0	0·50	—0·50	0	0·17	—0·17	0	0·66	—0·66	0	Neemuch.
19		5	2	1				1	N 57° E	N 29° W	2·2	2·8	—0·6	21	+9	47	— 5	·264	—·030	1·7	+0·2	0	0·50	—0·50	0	0·18	—0·18	0	0·51	—0·51	0	Indore.
15			1		3	4	3		S 32° W	N 85° W	1·7	2·0	—0·3	36	+17	63	— 4	·285	—·050	1·8	—0·7	0	1·00	—1·00	0	0·43	—0·43	1·78	1·74	+0·04	0	Nowgong.
11	1			1			5	10	N 57° W	N 36° W	2·3	4·8	—2·5	46	+11	48	—11	·231	—·077	1·5	—0·2	0	1·50	—1·50	0	0·65	—0·65	0·66	2·00	—1·34	0	Sutna.
																																XI.—Central Provinces.
		1	5	9	4	2	4	3	S 29° E		4·5	6·4	—1·9	36		23		·184		1·0		0			0	0·30	—0·30	0·75	1·11	—0·36	0	Buldana.
14		2	6	2	1	2	1	1	S 25° E	S 34° E	3·6	4·3	—0·7	25	+17	34	—11	·206	—·083	0·7	—0·8	0	0·30	—0·30	0	0·17	—0·17	1·48	1·25	+0·23	0	Akola.
12	1	6	6	1	1		1		N 70° E	S 83° E	4·3	4·8	—0·5	36	+ 4	31	—18	·214	—·135	0·1	—1·2	0	0·60	—0·60	0	0·21	—0·21	2·35	1·13	+1·22	0	Amraoti.
13	4	2	2	1	2	1	1	2	N 16° E	N 18° W	4·1	4·1	0	11	—13	47†	+ 1	·219†	—·050	2·1	+0·8	0	0·30	—0·30	0	0·05	—0·05	0·10	0·74	—0·64	0	Khandwa.
18		2	3	4			1		S 78° E	N 60° E	2·3	2·9	—0·6	21	—19	51	— 7	·252	—·071	1·0	—0·4	0	0·50	—0·50	0	0·27	—0·27	0·53	1·06	—0·53	0	Hoshangabad.
7	2	2	6	3	3	4	1		S 52° E	S 72° E	4·5	3·7	+0·8	29	— 2	26	—26	·162	—·118	1·0	—0·4	0	0·80	—0·80	0	0·41	—0·41	0·74	1·75	—1·01	0	Saugor.
18		1	6	7					S 25° E	S 63° E	1·4	2·4	—1·0	42	+22	58	— 7	·262	—·085	0·7	—1·4	0	1·10	—1·10	0	0·56	—0·56	0·50	1·61	—1·11	0	Jubbulpore.
13	5	5	1			3	1		N 12° E	N 31° E	3·7	2·9	+0·8	21	—15	40	—22	·221	—·162	0·4	—1·8	0	1·50	—1·50	0	0·88	—0·88	1·13	1·93	—0·80	0	Seoni.
6	10	10	1					1	N 22° E	N 18° E	2·8	4·4	—1·6	70	+34	38	—44	·242	—·118	0·7	—1·1	0	0·90	—0·90	0	0·38	—0·38	1·06	1·29	—0·23	0	Nagpur.
13	6	1		2		1		5	N 15° W		5·0			29		34		·199		0·9		0			0			0·30			0	Pendra.
12	2	3	3	1	4	2	1		S 59° E	N 4° W	2·6	4·0	—1·4	11	— 1	45	— 8	·257	—·088	0·5	—1·6	0	0·70	—0·70	0	0·35	—0·35	0	0·80	—0·80	0	Raipur.
13	2		5	5			3		S 74° E	N 76° E	2·1	2·7	+0·4	18	— 2	51	— 9	·333	—·086	0·1	—1·2	0	0·60	—0·60	0	0·49	—0·49	0	1·13	—1·13	0	Chanda.
7	3	1	2	6	3	2	1	3	S 41° E					14		71		·364		0·7		0			0			0			0	Jagdalpur.

cases of hill or plateau stations, the elevations of which exceed 3,000 feet.

* Uncorrected for scale error.

† Mean of 25 days.

Table

(2) *Abstract of observations taken at 8 hrs. at 238 stations*

Number of subdivision.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	XII.—Hyderabad.																						
28	Aurangabad	1,905	28·165	+·041	30·042	28·285	13th	28·077	28th	·208	68·4	87·9	−0·9	56·6	−1·4	72·3	−1·1	31·3	95·2	24th	36·2	2nd	59·0
	Nizamabad	1,248	28·785		30·010	28·883	12th	28·707	1st	·176	67·7	89·3	−1·1	56·8	−4·5	73·0	−2·8	32·5	95·4	25th & 28th.	42·7	3rd	52·7
	Bidar	*2,165*	27·809P		29·941P	27·923	12th	27·734	23rd	·189	73·0	87·9		64·6		76·3		23·3	95·4	24th	51·4	3rd	44·0
29	Gulbarga	1,503	28·549	+·069	30·017	28·620	12th	28·458	1st	·162	70·8	91·0	−1·6	61·0	−3·3	76·0	−2·5	30·0	97·5	23rd	52·3	3rd	45·2
	Raichur	*1,311*	28·737	+·080	30·012	28·805	21st	28·635	1st	·170	71·9	90·4	−2·4	65·3	−2·9	77·8	−2·7	25·1	96·6	23rd	56·1	2nd	40·5
	Hyderabad (Deccan).	1,690	28·349	+·062	30·017	28·442	12th	28·247	1st	·195	66·1	89·0	−2·3	60·1	−3·3	74·6	−2·8	28·9	95·3	22nd & 24th.	47·7	3rd	47·6
	Hanumkonda	877	29·181	+·057	30·026	29·269	12th	29·065	1st	·204	69·8	88·6	−1·4	63·0	−3·3	75·8	−2·3	25·6	96·0	28th	50·7	3rd	45·3
	XIII.—Mysore.																						
30	Chitaldrug	2,405	27·625	+·045	29·959	27·707	21st	27·548	1st	·159	72·3	87·1	−2·2	62·9	−3·0	75·0	−2·6	24·2	91·1	4 days	57·4	6th	33·7
	Hassan	3,149	26·932P	+·054P	30·037P	27·021	21st	26·832	1st	·189	67·2	84·7	−1·7	55·7	−2·0	70·1	−1·9	29·0	87·9	23rd	51·1	8th	36·8
	Bangalore	3,021	27·048	+·032	29·985	27·123	21st	26·953	1st	·170	65·6	84·7	−1·1	56·6	−3·0	70·7	−2·1	28·1	88·8	22nd	51·8	7th	37·0
	Mysore	2,518	27·536	+·044	29·983	27·615	21st	27·442	2nd	·173	69·2	86·8	−2·0	59·8	−3·1	73·3	−2·5	27·0	90·5	1st & 23rd.	54·5	8th	36·0
	XIV.—Madras.																						
31	Mangalore	65	29·954	+·017	29·951	30·023	21st	29·867	1st	·156	74·9	88·7	−0·7	65·6	−5·6	77·1	−3·1	23·1	94·3	15th	61·8	8th	32·5
	Calicut	27	29·993	+·024	29·949	30·066	21st	29·901	1st	·165	74·4	86·3	−2·4	70·3	−2·3	78·3	−2·3	16·0	88·3	20th	66·1	8th	22·2
	Cochin	9	30·012	+·030	29·948	30·078	21st	29·932	1st	·146	75·5	89·4	−0·5	72·2	−1·5	80·8	−1·0	17·2	94·7	20th	68·7	9th	26·0
	Trivandrum	198	29·812	+·048	29·943	29·880	21st	29·740	1st	·140	75·6	85·9	+0·9	72·5	−0·5	79·2	+0·2	13·4	88·5	28th	69·5	25th	19·0
32	Tinnevelly	168	29·893	+·059	29·993	29·972	21st	29·777	1st	·195	76·6	93·1	+1·1	70·8	−1·9	82·0	−0·4	22·3	95·2	7 days	66·4	23rd	28·8
	Pamban	37	30·001	+·039	29·965	30·085	21st	29·909	1st	·176	79·0	85·0	+0·1	74·0	−0·9	79·5	−0·4	11·0	86·2	25th	72·0	23rd	14·2
	Madura	447	29·615	+·051	30·002	29·688	21st	29·501	1st	·187	75·5	92·2	+0·2	67·5	−2·0	79·9	−0·9	24·7	95·4	22nd	60·6	21st	34·8
	Pudukkottai	318	29·739		29·996	29·824	21st	29·615	1st	·209	74·4	91·2		67·4		79·3		23·8	94·9	3rd	62·7	21st	32·2
	Negapatam	31	30·012	+·031	29·971	30·097	21st	29·890	1st	·207	78·2	87·6	+3·2P	72·3	+0·2	79·9	+1·7P	15·3	91·0	11th	66·5	22nd & 24th.	24·5
	Trichinopoly	255	29·813	+·044	30·005	29·896	21st	29·697	1st	·199	75·0	92·4	+0·1	67·1	−1·3	79·8	−0·6	25·3	96·6	2nd	62·3	21st	34·3
	Coimbatore	1,241	28·703	+·033	30·001	28·772	12th	28·592	2nd	·180	70·7	90·1	−1·9	62·5	−3·0	76·3	−2·5	27·6	97·4	2nd	56·3	21st	41·1
	Salem	940	29·135	+·033	30·029	29·213	21st	29·019	1st	·194	72·5	91·2	−2·4	65·0	−0·5	78·1	−1·5	26·2	97·0	23rd	58·4	21st	38·6
	Cuddalore	37	30·028	+·056	29·994	30·096	12th	29·899	1st	·197	72·5	86·1	+0·7	66·8	−2·1	76·5	−0·7	19·3	89·1	2nd	61·7	21st	27·4
	Vellore	707	29·350		30·022	29·407	20th & 21st.	29·189	1st	·218	68·6	88·8		62·2		75·5		26·6	93·7	23rd	57·0	20th & 21st.	36·7
	Madras	22	30·049	+·044	30·002	30·120	20th	29·898	1st	·222	74·3	86·5	−0·4	65·6	−2·4	76·1	−1·4	20·9	92·0	2nd	61·0	20th	31·0
33	Cuddapah	433	29·617	+·054	29·998	29·681	21st	29·483	1st	·198	72·0	93·0	−2·1	64·7	−4·4	78·9	−3·3	28·3	98·2	23rd	61·1	6th & 8th	37·1
	Bellary	1,475	28·556	+·041	30·000	28·627	21st	28·462	1st	·165	69·1	92·2	−2·0	62·5	−2·9	77·3	−2·5	29·7	97·5	23rd	57·3	3rd	40·2
	Kurnool	923	29·121	+·057	30·013	29·191	21st	28·997	1st	·194	66·9	92·3	−2·2	59·5	−5·3	75·9	−3·7	32·8	99·2	23rd	53·1	3rd	46·1
34	Nellore	66	29·996	+·058	29·998	30·060	12th	29·812	1st	·248	72·1	88·4	−2·2	66·9	−2·2	77·6	−2·2	21·5	93·6	22nd & 27th.	62·6	3rd	31·0
	Masulipatam	15	30·062	+·053	30·011	30·145	12th	29·889	1st	·256	72·7	86·1	−0·8	64·9	−3·4	75·5	−2·1	21·2	92·3	22nd	59·7	3rd	32·6
	Cocanada	26	30·050	+·053	30·013	30·136	12th	29·878	1st	·258	71·7	85·7	−0·1	67·4	−2·2	76·5	−1·1	18·3	93·2	22nd	63·0	5th	30·2
	Waltair (Vizagapatam).	*996*	29·840	+·042	30·012	29·924	12th	29·659	1st	·265	73·7	82·9		69·0		76·0		13·9	86·1	28th	63·9	4th	22·2
	Gedingapatam	19	30·055		30·014	30·144	12th	29·883	1st	·255	68·3	87·7		64·4		76·1		23·3	96·3	23rd	58·0	4th	38·3
	Gopalpur	72	29·971	+·038	29·986	30·061	12th	29·772	1st	·289	68·2	84·2	+0·7	63·2	−4·7	73·7	−2·0	21·0	90·7	22nd & 24th.	55·0	3rd	35·7

NOTE.—The barometric readings are not reduced to sea-level, in the cases of hill or plateau

NOTE.—Elevations in italics indicate barometrical determinations.

B—*continued.*

in India, etc., in February, 1911—continued.

Wind direction. Number of winds from: Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Resultant direction.	Normal direction.	Wind velocity. Mean velocity, miles per hour.	Normal.	Departure from normal.	Wind steadiness. Actual percentage.	Departure from normal.	Hygrometry, 8 hrs. Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs. in inches of mercury.	Departure from normal in inches of mercury.	Cloud. Mean cloud amount at 8 hrs.	Departure from normal.	Rainfall. Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st Dec., 1910 to 28th Feb. 1911.	Normal rainfall for period, 1st Dec. to 28th February.	Departure from normal of period, 1st Dec., 1910 to 28th Feb. 1911.	Heaviest rainfall during month.	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	54	55	56	57
																																XII.—Hyderabad.
8		4	5	6	2	1	1	1	S 70° E		6·9			36		29	−11	·205		1·1		0	0·20	−0·20	0	0·17	−0·17	0·57	0·76	−0·19	0	Aurangabad.
23	1						1	3	N 45° W		2·9			14		49	−5	·340		0·9		0	0·40	−0·40	0	0·42	−0·42	0	0·65	−0·65	0	Nizamabad.
4	2	2	3	5	2	7	1	2	S 9° E		4·5			21		32		·254		3·7		0	0·40	−0·40	0	0·18	−0·18	0	0·72	−0·72	0	Bidar.
6	1	10	10	1					N 68° E	N 89° E	6·9	7·7	−0·8	67	+41	44	−5	·331	−·062	0	−0·9	0	0·40	−0·40	0	0·29	−0·29	0	0·36	−0·36	0	Gulbarga.
1	2	3	5	10	4	2	1		S 55° E	S 23° E	6·4	7·0	−0·6	49	+18	43	−8	·337	−·101	0·8	−0·2	0	0·20	−0·20	0	0·24	−0·24	0	0·24	−0·24	0	Raichur.
28									(a)	S 68° E	2·5	4·1	−1·6			52	−15	·335	−·160	0·4	−1·0	0			0	0·15	−0·15	0	0·38	−0·38	0	Hyderabad (Deccan).
8	3			10	6			1	S 34° W		4·5			39		55	−14	·399		1·1		0	0·60	−0·60	0	0·26	−0·26	0	0·78	−0·78	0	Hanumkonda
																																XIII.—Mysore.
1	1		13	10	1		1	1	S 71° E	S 6° E	5·9	6·3	−0·4	67	+51	44	−7	·340	−·084	0·8	−0·7	0	0·10	−0·10	0	0·07	−0·07	0	0·17	−0·17	0	Chitaldrug.
10		5	8	5					E	S 72° E	4·8	2·8	+2·0	54	+3	55	−12	·360	−·119	1·5	−0·9	0	0·10	−0·10	0	0·05	−0·06	0·08	0·24	−0·16	0	Hassan.
	1	5	19	3					N 84° E	S 62° E	7·5	5·0	+2·5	88	+33	60	−10	·374	−·104	1·1	−0·6	0	0·20	−0·20	0	0·09	−0·09	0	0·71	−0·71	0	Bangalore.
6	2	10	6	2	1			1	N 61° E	S 89° E	8·5	7·9	+0·6	53	+31	58	−10	·413	−·095	1·9	−0·3	0	0·30	−0·30	0	0·22	−0·22	0	0·39	−0·39	0	Mysore.
																																XIV.—Madras.
1	1	3	20	2				1	N 84° E	N 76° E	*4·5	2·9	+1·6	82	+15	68	−9	·590	−·115	0·6	−1·1	0	0·10	−0·10	0	0·03	−0·03	0	0·53	−0·53	0	Mangalore.
6		4	10	7	1				S 80° E	N 68° E	5·0	9·8	−4·8	63	−4	80	+2	·685	−·050	1·1	−0·9	0	0·40	−0·40	0	0·15	−0·15	0	1·31	−1·31	0	Calicut.
1		22	5						N 53° E	N 41° E	*6·5	5·5	+1·0	88	+17	68	−7	·599	−·142	1·3	−0·3	1	1·70	−0·70	1·05	0·87	+0·18	1·07	3·07	−2·00	1·05	Cochin.
12	3	12	1						N 39° E	N 55° E	*4·3	4·7	−0·4	49	+2	73	−5	·648	−·075	2·7	+0·1	0	1·10	−1·10	0	0·64	−0·64	0·07	3·51	−3·44	0	Trivandrum.
1	17	3						7	N 7° W	N 17° W	5·2	4·9	+0·3	85	+9	72	−5	·660	−·052	3·8	+1·5	0	1·80	−1·80	0·05	1·48	−1·43	0·25	6·25	−6·00	0·05	Tinnevelly.
2	6	18	2						N 38° E	N 56° E	8·5	9·0	−0·5	85	+10	78	−1	·766		3·2		0	0·50	−0·50	0·05	0·73	−0·68	1·51	12·37	−10·86	0·05	Pamba
	8	10	5				1	4	N 25° E	N 14° E	8·3	4·5	+3·8	70	+7	72	−3	·631	−·056	4·3	+2·3	0	0·90	−0·90	0	0·51	−0·51	0·18	2·62	−2·44	0	Madura.
2	12	12		1				1	N 23° E		8·2			82		80		·677		2·0		1			0·19			0·20			0·19	Pudukkottai.
1		12				1	1	13	N 9° W	N 18° E	11·3	6·4	+4·9	60	+20	73	−7	·694	−·060	4·7	+0·3	0	0·80	−0·80	0	0·58	−0·58	1·20	14·74	−13·54	0	Negapatam.
4	12	4	4		1			3	N 16° E	N 27° E	*4·3	3·9	+0·4	60	+24	69	−9	·598	−·087	2·2	−0·5	0	0·50	−0·50	0	0·79	−0·79	0	3·82	−3·82	0	Trichinopoly.
3	3	21	1						N 42° E	N 63° E	6·0	2·9	+3·1	82	+19	82	−1	·614	−·048	3·3	+0·8	0	0·80	−0·80	0·08	0·46	−0·38	0·08	1·75	−1·67	0·08	Coimbatore.
7	2	8	9	1			1		N 64° E	N 53° E	4·9	5·3	−0·4	53	−2	76	+2	·607	−·027	1·9	+0·2	0	0·50	−0·50	0	0·33	−0·33	0	1·82	−1·82	0	Salem.
8	7					1	2	10	N 36° W	N 60° W	6·2	2·2	+4·0	56	+5	81	−8	·643	−·137?	3·0	−0·5	0	0·70	−0·70	0	0·71	−0·71	0·32	9·70	−9·38	0	Cuddalore.
27			1						E		3·0			4		79		·558		2·0		0	0·50	−0·50	0	0·13	−0·13	0	3·50	−3·50	0	Vellore.
	11				3	4	4	6	N 50° W	S 34° W	*†5·0	5·0	0	49	+33	79	−3	·667	−·075	1·7	−1·0	0	0·60	−0·60	0	0·23	−0·23	0·05	6·77	−6·72	0	Madras.
		4	4	10	1	2	3	4	S 60° E	S 72° E				29	−34	66	0	·524	−·090	0·9	0	0	0·20	−0·20	0	0·07	−0·07	0	1·37	−1·37	0	Cuddapah.
19		1	1	2	2	1	1	1	S 15° E	S 11° E	2·7	4·0	−1·3	17	−3	42	−14	·297	−·171	0·3	−1·2	0	0·10	−0·10	0	0·02	−0·02	0	0·22	−0·22	0	Bellary.
17	1	1	3		2	2	2		S 11° E	S 58° E	*4·0			6	−2	55	−3	·359	−·119	0·5	−0·3	0	0·10	−0·10	0	0·02	−0·02	0	0·21	−0·21	0	Kurnool.
	1	2		7	4	3	2	9	S 60° W	S 14° E	*4·9	4·6	+0·3	14	−2	78	−7	·615	−·127	4·3	+1·8	0	0·30	−0·30	0	0·10	−0·10	0	2·29	−2·29	0	Nellore.
10			1	7	9	1			S 19° E	N 41° E	4·9	4·7	+0·2	56	+32	80	−6	·643	−·105	0·5	−2·1	0	0·30	−0·30	0	0·22	−0·22	0	1·07	−1·07	0	Masulipatam.
1	11	2					2	12	N 23° W	N 17° W	6·4	7·2	−0·8	82	+15	75	+1	·598	−·045?	2·9	+0·7	0	0·50	−0·50	0	0·37	−0·37	0	1·28	−1·28	0	Cocanada.
2	3					12	10	1	S 76° W	N 86° W	7·4			67	+4	65	−6	·514	−·104	1·6	−0·4	0	0·50	−0·50	0	0·17	−0·17	0	2·13	−2·13	0	Waltair. (Vizagapatam)
2	5						1	20	N 38° W		5·9			86		76		·530		1·0		0			0·05			0·05			0·05	Calingapatam.
12	7						1	8	N 28° W	N 27° W	7·8	10·9	−3·1	53	−9	69	−9	·479	−·128	0·4	−2·0	1	0·90	+0·10	0·40	0·48	−0·08	0·40	1·35	−0·95	0·40	Gopalpur.

stations, the elevations of which exceed 3,200 feet. (a) Indeterminate. * Uncorrected for scale error. † Mean of 27 days.

Table

(2) *Abstract of observations taken at 8 hrs. at 238 stations*

Number of subdivision.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure, 8 hrs., in inches.								Temperature of air.												
			Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	Bay Islands.																						
1	P. V. Fraser	8	30·074		30·001	30·175	12th	29·900	1st	·275	71·7												
	Port Blair	58	29·960	+·029	29·948	30·044	21st	29·883	1st	·161	77·3	87·0	−1·1	73·9	−1·0	80·4	−1·1	13·1	89·2	16th&25th	70·0	1st & 2nd	19·2
	Slipper Island	90	29·935		29·960	30·018	20th	29·848	1st	·170	77·6	82·5		74·6		78·5		7·9	85·1	26th	72·1	9th	13·0
	Kashmir.																						
14	Muzaffarabad	2,475	27·701		30·305	27·873	12th	27·488	1st	·385	48·3	63·7		40·9		52·3		22·8	76·3	26th	33·0	3rd	43·3
	Srinagar	5,204	25·064	+·110	25·035	25·235	21st	24·728	1st	·506	31·3	38·9	−3·4	29·4	+2·1	34·1	−0·7	9·5	48·6	16th	20·1	11th	28·5
	Gulmarg	*8,569*						Observations not received.															
	Sonemarg	*8,764*																					
	Dras	*10,059*	20·849	+·087	20·817	21·106	21st	20·483	1st	·623	−4·0	17·0	−5·5	−16·9	−6·2	0	−5·9	33·9	35·4	16th	−46·0	5th & 9th	81·4
	Leh	11,503	19·723	+·112	19·691	19·975	21st	19·356	1st	·619	9·6	26·4	−5·0	5·3	−4·5	15·8	−4·7	21·1	41·6	23rd	−12·5	5th	54·1
	Skardu	*7,505*	23·045	+·117	23·015	23·306	12th	22·707	1st	·599	16·0	33·6	−4·8	11·1	−7·9	22·4	−6·3	22·5	46·9	23rd	−8·9	5th	55·8
	Minimarg	*9,359*									18·0	37·5		9·6‡		23·5‡		27·9	58·3	24th	−5·0	5th	63·3
	Astor	*7,955*	22·510		22·510	22·780	20th	22·111	1st	·669	22·9	40·0		18·6		29·3		21·4	51·9	23rd	5·2	6th	46·7
	Gilgit	4,890	25·294		25·267	25·531	20th	24·979	1st	·552	40·1	51·6	+0·3	36·7	+0·1	44·2	+0·2	14·9	64·2	25th	28·2	6th	36·0
	Baluchistan.																						
16	Quetta	5,502	24·720	+·060	24·680	24·830	22nd	24·603	27th	·227	39·4	58·8	+5·7	33·3	+1·6	46·0	+3·7	25·5	72·1	13th	17·7	1st	54·4
	Chaman	4,311	25·782	+·059	25·744	25·936	22nd	25·641	27th	·295	48·2	61·4	+5·4	40·3	+2·2	50·9	+3·8	21·1	74·8	13th	22·7	1st	52·1
	Kohat		26·957		26·915	27·188	22nd	26·782	25th	·406	51·0	67·6		42·7		55·1		24·9	82·0	13th	31·3	1st	50·7
	Pasni		30·079		30·040	30·189	21st	29·958	27th	·231	61·8	75·9		58·9		67·4		17·0	88·0	23rd	48·0	1st & 2nd	40·0
	Hill Stations excluding Kashmir and Baluchistan.																						
	Chitral	*5,486*									33·0	47·0		28·8		37·9		18·2	59·5	26th	13·0	1st	46·5
	Para Chinar	6,000	24·525		24·492	24·648	20th	24·334	1st	·314	39·9	52·2		32·2		42·2		20·0	69·1	26th	20·2	1st	48·9
	Cherat	*4,256*	25·817	+·088	25·785	25·962	12th	25·628	1st	·334	45·0	52·2	+0·1	41·6	+1·5	46·9	+0·8	10·6	64·2	26th	21·5	1st	42·7
	Murree	6,333	23·897	+·069	23·865	24·041	12th	23·679	1st	·362	41·0	49·5	+1·5	37·4	+2·9	43·4	+2·2	12·1	64·1	26th	20·7	2nd	43·4
	Simla	7,232	23·138	+·067	23·100	23·261	13th	22·839	1st	·422	43·0	50·9	+5·0	38·9	+3·3	44·9	+4·1	12·0	61·7	23rd	17·1	1st	44·6
	Sarain		23·193		23·155	23·309	13th	22·906	1st	·403	32·5	50·6		28·3		39·5		22·3	62·3	22nd	17·6	4th	44·7
	Kalabagh							Observations not received.															
	Chakrata	7,022	23·313	+·045	23·273	23·422	13th	23·049	1st	·373	44·2	58·6	+7·4	39·1	+3·0	48·9	+5·2	19·5	70·7	22nd	22·7	1st	48·0
	Muktesar	7,592	22·861	+·030	22·820	22·942	24th	22·600	1st	·342	43·9	54·6	+5·0	38·4	+3·7	46·5	+4·3	16·2	65·5	25th & 26th.	26·0	1st	39·5
	Darjiling	7,376	23·007	+·022	22·962	23·097	12th	22·769	1st	·328	42·1	47·8	−0·1	36·7	+1·1	42·3	+0·5	11·1	56·3	22nd	29·2	2nd	27·1
	Shillong	4,920	25·180		25·132	25·271	11th	24·984	1st	·287	49·7	61·7		42·1		51·9		19·6	68·9	22nd	29·7	1st	39·2
	Cherrapunji	4,309	25·769		25·720	25·877	12th	25·583	1st	·294	53·4	61·0		47·9		54·5		13·1	68·7	16th	38·1	1st	30·6
	Maymyo	3,545	26·508	+·005	26·453	26·582	11th & 12th.	26·343	1st	·239	49·2	70·7	−4·4	39·9	−2·7	55·3	−3·5	30·8	78·5	21st	31·6	5th	46·9
	Pachmarhi	3,528	26·576	+·055	26·523	26·682	12th	26·389	1st	·293	62·0	75·6	+0·1	48·0	−3·5	61·8	−1·7	27·6	85·0	27th & 28th.	38·1	3rd & 4th	48·9
	Mount Abu	3,945	26·164	+·054	26·114	26·276	12th	26·022	1st	·254	61·8	70·6	+1·8	55·0	+1·4	62·8	+1·6	15·6	80·7	26th	40·9	1st	39·8
	Mercara	3,781	26·314	+·029	26·247	26·378	20th	26·223	1st	·155	64·1	80·9	−0·3	57·4	−1·4	69·1	−0·9	23·5	89·5	22nd	52·5	7th	37·0
	Ootacamund	*7,327*	23·105		23·041	23·195	21st	23·053	2nd	·142	54·1	67·8		40·1		54·0		27·7	74·0	26th	33·2	8th	40·8
	Kodaikanal	7,633	22·864	−·018	22·799	22·949	21st	22·823	2nd	·126	53·1	66·6	+0·7	45·2	−3·0	55·9	−1·1	21·4	74·0	26th	40·0	7th	34·0

N.B.—Elevations in italics indicate barometrical determinations.

§ Mean of 26 days. ‡ Mean of 27 days.

NOTE.—The barometric readings are not reduced to sea-level, in the cases of hill

B—*continued.*

in India, etc., in February, 1911—continued.

Wind direction. Number of winds from: Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Resultant direction.	Normal direction.	Wind velocity. Mean velocity, miles per hour.	Normal.	Departure from normal.	Wind steadiness. Actual percentage.	Departure from normal.	Hygrometry, 8 hrs. Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs in inches of mercury.	Departure from normal in inches of mercury.	Cloud. Mean cloud amount at 8 hrs	Departure from normal.	Rainfall. Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st Dec., 1910 to 28th Feb., 1911.	Normal rainfall for period, 1st Dec. to 28th February.	Departure from normal, of period, 1st Dec., 1910 to 28th Feb., 1911.	Heaviest rainfall during month.	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	54	55	56	57
																																Bay Islands.
	6	4			3	13	1	1	S 69° W					29		76		·662		2·2		1			0·93			0·93			0·93	P.V. Fraser.
13	5	7	1				1	1	N 22° E	N 9° E	4·3	5·0	−0·7	42	−9	79	−5	·746	−·068	2·6	−0·8	2			0·33	0·40	−0·07	6·37	8·04	−1·67	0·17	Port Blair.
	18	5					1	4	N 1° W		9·3			87		71		·667		1·3		0			0			1·45			0	Sloper Island.
																																Kashmir.
	3	5	1	4	4	6	2	3	S 27° W		2·5			7		57		·196		5·0		3			0·66			14·63			0·20	Muzaffarabad
11		1		9	4		1	2	S 29° E	S 24° E	2·7	3·5	−0·8	36	+13	81	−8	·144	−·014	9·2	+1·6	8	6·40	+1·60	2·67	2·80	−0·13	10·69	7·20	+3·49	0·92	Srinagar.
											Observations not received.																					Gulmarg.
																						9			7·71			39·37			3·25	Sonemarg.
27							1		W		1·1			4		94	+4	·049§		5·4		8	8·20	−0·20	3·58	1·98	+1·60	13·06	6·02	+7·04	1·37	Dras.
24	1	3							N 34° E	S 27° W	1·1	1·3	−0·2	14	−22	61	+14	·048	+·012	7·0	+1·0	0	1·00	−1·00	0·29	0·35	−0·06	1·19	0·85	+0·34	0·08	Leh.
25			2				1		E		0·9			4		89	−4	·090		6·9		2	2·60	−0·60	0·59	0·64	−0·05	3·86	1·70	+2·16	0·21	Skardu.
15		3	7	1			2		N 80° E		5·9			29		64		·072		5·1		9			6·08			25·96			1·06	Minimarg.
19			1	5	3				S 35° E		2·4			32		73		·097		6·4		8			3·17?			8·02?			0·70	Astor.
14				1		2	11		S 80° W		5·3			42		56	0	·137	+·001	6·3	−0·2	0	0·90	−0·90	0·08	0·16	−0·08	1·50	0·46	+1·04	0·08	Gilgit.
																																Baluchistan.
23				4	1				S 37° E	S 4° W	3·4	3·5	−0·1	18	+6	66	−8	·157	−·009	4·1	+0·3	2	6·40	−4·40	0·71	2·21	−1·50	7·30	5·05	+2·25	0·45	Quetta.
4			7	11	4	2			S 45° E	S 46° E	7·1	8·4	−1·3	63	+2	55	−9	·183	+·001	4·4	+0·3	3	4·30	−1·30	0·86	1·75	−0·89	5·93	3·97	+1·96	0·43	Chaman.
5		2	1	1		17	1	1	S 45° W		8·7			53		55		·214		1·3		0			0			2·95			0	Robat.
9	1		1				9	8	N 64° W		6·0			53		89		·500		2·8		0			0			0·70†			0	Pasni.
																																Hill stations, excluding Kashmir and Baluchistan.
18	8				2				N		1·4			21		77		·146		0·4		7			2·79			8·77			0·73	Chitral.
24	1					1	1	1	N 63° W		4·5			7		74		·177		4·6		4	4·80	−0·80	1·28	1·93	−0·65	9·24	3·35	+5·89	0·35	Para Chinar.
2	12	1		2	1			10	N 16° W	N 16° W	20·3	13·6	+6·7	63	+7	48	−12	·134	−·032	5·0	+0·6	2			1·26	3·31	−2·05	7·67	6·38	+1·29	0·69	Cherat.
7	3		1	13	2			2	S 52° E	S 68° E	9·4	8·9	+0·5	39	−1	50	−14	·128	−·016	5·5	+0·7	1	2·70	−1·70	0·95	3·84	−2·89	13·83	8·65	+5·18	0·75	Murree.
																46	−10	·118	−·013	4·4	−0·1	2	4·00	−2·00	0·92	3·00	−2·08	12·68	6·94	+5·74	0·80	Simla.
2		1			12	13			S 23° W		1·7			82		76		·144		5·1		2			0·83			19·39			0·56	Sarain.
											Observations not received.																					Kalabagh.
3	21		1	1	1			1	N 3° E	N 66° E	5·4	6·3	−0·9	70	+39	48	−16	·134	−·015	3·3	−0·3	2	5·60	−3·60	1·77	4·20	−2·43	19·86	9·09	+10·77	1·50	Chakrata.
5		2	3	1			15	2	N 80° W		10·9			39		44	−18	·117		2·6		0			0·08	2·66	−2·58	5·83	5·74	+0·09	0·05	Mukteswar.
21		3	1	2			1		N 79° E	S 53° E	2·2	5·5	−3·3	11	−9	80	−4	·219	+·008	5·9	+1·1	3	2·52	+0·48	0·54	1·01	−0·47	1·65	1·95	−0·30	0·13	Darjiling.
17					1	10			S 41° W		2·8			36		67		·340		1·4		0	1·90	−1·90	0	0·79	−0·79	1·83	1·60	+0·23	0	Shillong.
11	2	5		1	1	4	2	2	N 41° W		5·5			11		74		·304		2·7		3	3·10	−0·10	1·50	2·08	−0·58	4·62	3·12	+1·50	1·01	Cherrapunji.
25					1	2			S 31° W		2·2			7		84	+1	·297		0·9		0	0·30	−0·30	0	0·30	−0·30	0	0·81	−0·81	0	Maymyo.
5	5	4	1			4	1	8	N 28° W	S 23° W	3·7	4·4	−0·7	46	+30	36	−15	·202	−·093	0	−2·2	0	1·00	−1·00	0	0·47	−0·47	0·19	1·59	−1·40	0	Pachmarhi.
4	5	3	1	1	1	7		6	N 48° W	N 45° W	6·2‖	6·1	+0·1	29	+1	31	−11	·178	−·028	1·9	−0·1	0	0·50	−0·50	0	0·29	−0·29	0·15	0·83	−0·68	0	Mount Abu.
7	2	8	9	2					S 68° E	N 60° E	4·6	4·3	+0·3	60	+18	63	−7	·369	−·079	0·5	−2·5	0	0·30	−0·30	0	0·14	−0·14	0·02	0·67	−0·65	0	Mercara.
11			12	5					S 77° E		3·5			56		43		·169		1·8		1	1·20	−0·20	0·25	0·38	−0·13	0·44	2·38	−1·94	0·22	Ootacamund.
	4	5	5	7	1			8	N 57° E		11·7*			39		45	−12	·173		1·5		1	2·30	−1·30	0·24	1·61	−1·37	0·45	9·55	−9·10	0·15	Kodaikanal.

or plateau stations, the elevations of which exceed 3,200 feet.

* Uncorrected for scale error.

‖ Mean of 14 days.

† Rainfall since 19th January, 1891.

Table

(2) *Abstract of observations taken at 8 hrs. at 238 stations*

Number of subdivision.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	Extra India.																						
	Singapore (a)	10				Not received.																	
	Penang (a)	20	29·945		29·890	29·999	15th	29·896	2nd	·103	79·5	90·0		74·0		82·0		16·0	93·0	24th & 27th.	72·0	25th	21·0
	Trincomalee	99									75·9	86·5	+1·5	74·1	−1·0	80·3	+0·3	12·4	90·0	24th	68·0	23rd	22·0
	Colombo	24	29·974	+·010	29·924	30·042	21st	29·909	1st	·133	70·7	90·5	+2·2	69·9	−3·0	80·2	−0·4	20·6	95·5	20th	65·0	23rd	30·5
	Minicoy	7	30·043			30·113	21st	29·996	2nd	·117													
	Aminí Divi	*13*	30·031	+·047	29·972	30·099	12th	29·974	2nd	·125	81·1	87·2	+2·0	74·3	−1·8	80·7	+0·1	12·9	91·2	24th	69·0	8th	22·2
	Gyantse	13,120	17·009		16·970	17·183	21st	16·720	1st	·463	18·7	46·2 (g)		9·1		27·6 (g)		37·1	55·1	25th	−1·8	11th	56·9
	Pharijong (f)	14,400									26·0	57·6		9·2		33·7		48·4	60·9	20th	−6·1	20th	67·0
	Gangtok	5,660?									47·2	59·9		37·9		48·9		22·0	69·9	23rd	31·6	10th	38·3
	Gartok (c)	14,140	17·485			17·575	26th	17·400	21st	·175	6·9	24·6		−5·5		9·5		30·1	43·5	26th	−31·7	4th	75·2
	Kashgar (a)	4,255	25·671			25·880	23rd	25·250	1st	·630	25·2	41·9	−3·0	20·7	−1·8	31·3	−2·4	21·2	58·4	23th	8·9	19th	49·5
	Kabul									Observations rejected.													
	Meshed	3,104	26·761		26·739	27·057	16th	26·535	12th	·522	32·0	50·8		27·0	−1·4	38·9		23·8	63·4	20th	15·3	17th	48·1
	Jask	13	30·077	+·025	30·043	30·210	21st	29·987	27th	·223	63·2	74·0	−0·9	61·1	−0·7	67·6	−0·8	12·9	80·3	12th	51·8	1st & 2nd.	28·5
	Muscat‡	20	30·105	+·051	30·074	30·247	21st	30·023	19th	·224	67·6	76·8	+4·0	65·8	−2·0	71·3	+1·0	11·0	82·8	13th	58·6	1st	24·2
	Bahrein	18	30·190		30·162	30·404	21st	29·983	24th	·421	58·5	63·2		54·4		58·8		8·8	80·1	10th	45·3	2nd	34·8
	Bushire	14	30·108	+·032	30·085	30·351	21st	29·887	24th	·464	51·6	61·3	−4·4	48·1	−4·7	54·7	−4·5	13·2	72·8	10th	38·0	1st	34·8
	Busrah	25	30·158		30·144	30·442	21st	29·838	24th	·604	53·9	56·3		44·4		51·9		14·9	67·7	22nd	35·7	7th	32·0
	Kerman					Not received.																	
	Ispahan (b) (k)	*5,817*	24·216			24·400	22nd	24·000	24th	·400	26·0	49·6	−4·6	23·1	−6·0	36·3	−5·3	26·5	62·4	28th	15·2	1st, 3rd & 7th.	47·2
	Tehran (b)	*4,002*	25·870			26·110	16th & 17th.	25·700	25th	·410	30·1	44·9	−7·1	25·6	−7·2	35·2	−7·1	19·3	58·7	28th	14·1	6th	44·6
	Baghdad	127	30·030	+·067	30·141	30·350	14th	29·587	23rd	·763	42·2	57·8	−6·8	37·2‡	−4·4‡	47·4‡	−5·6	20·6	70·7	28th	27·7	14th	43·0
	Beirut§	111			30·015						51·5	58·7		45·8		52·2		12·9	71·6	27th	38·3	18th	33·3
	Aden	94	29·998	+·051	30·026	30·069	22nd	29·875	27th	·194	75·7	80·3	−1·4	74·1	+0·7	77·2	−0·3	6·2	84·8	27th	70·9	16th	13·7
	Perim	201	29·857	+·068	29·997	29·930	22nd	29·755	28th	·175	76·7	83·5	0	73·9	−0·3	78·7	−0·1	9·6	84·9	26th	70·2	22nd	14·7
	Zanzibar	72	29·937	+·028	29·935	30·006	10th	29·854	6th	·152	81·2	86·7	−0·3	80·4	+0·1	83·6	−0·1	6·3	90·7	20th	79·4	5th	11·3

N.B.—Elevations in italics indicate barometrical determinations.

NOTE.—The barometric readings are not reduced to sea-level, in the cases of hill or plateau stations, the elevations of which exceed 3,200 feet.

(a) 9 hrs. observations.
(b) Aneroid uncorrected.
(c) " corrected.
(f) Observations of 13 days.
§ 8½ hrs. observations.
(k) 7 " "
(g) Mean of 6 days.

)—concluded.

India, etc., in February, 1911—concluded.

Wind direction. Number of winds from N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Resultant direction.	Normal direction.	Wind velocity. Mean velocity, miles per hour.	Normal.	Departure from normal.	Wind steadiness. Actual percentage.	Departure from normal.	Hygrometry, 8 hrs. Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs. in inches of mercury.	Departure from normal in inches of mercury.	Cloud. Mean cloud amount at 8 hrs.	Departure from normal.	Rainfall. Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st Dec., 1910 to 28th Feb., 1911.	Normal rainfall for period, 1st Dec. to 28th February.	Departure from normal of period, 1st Dec., 19 to 28th Feb., 1911.	Heaviest rainfall during month.	Station
5	28	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	54	55	56	57
																																Extra India.
																Not received.																
	12	6	5		2	1	1	1	N 26° E		10·9*			56								1										Singapore.
3		16	4			5			N 57° E	N 7° E	7·0*	6·9	+0·1	49	+28	77	− 4	·693	−·118	4·7	+1·6	0			0·45			8·69			0·36	Penang. (a)
8	11	5						4	N 2° E	N 58° E	4·9*	6·4	−1·5	60	+ 7	88	+16	·664	−·124	4·4	+2·0	1			0·17	1·98	−1·81	18·66	23·26	−4·60	0·08	Trincomalee
	8	13	2			1		4	N 23° E	N 20° E	4·0	5·2	−1·2	75						4·4	+2·0	1			0·75	2·29	−1·54	11·41	12·28	−0·87	0·75	Colombo.
2	16	5						5	N		6·3			82		68	− 8	·723	−·108	2·7	−0·4	0			0	0·35	−0·35	0·88	7·10	−6·22	0	Minicoy.
0			3	5					S 67° E		4·1			25		74		·081		2·7	−1·2	0			0·01	0	+0·01	0·01	0·51	−0·50	0·01	Amini Divi.
7	3	1				1		1	N 14° W		(g) 7·5			31		(h) 75		(h) ·109		0		0			0			0			0	Gyantse.
5		2							N 45°, E¶		1·3			4		88		·320		0		0			0			0·18			0	Pharijong.
16				4	6	2			S 6° E		7·5			38						1·8		7			2·34			4·30			0·47	Gangtok.
27				1					S 45° E	N 29° W				4	−6	76	P	·109	P	3·3		0			0			0			0	Gartok.
																				4·3	−0·7	1			0·35**	0·12	+0·23	0·45**	0·58	−0·13	0·35**	Kashgar
													Observations rejected.																			Kabul.
13			2	2		1			S 8° E		2·1			5		78		·143		4·0		3			0·78	1·03	−0·25	3·12	2·14	+0·98	0·50	Meshed.
1	3	7	4				1	12	N 2° W	N 10° E	12·9	12·2	+0·7	56	−12	74	− 2	·434	−·063	2·0	−0·5	1			0·13	0·97	−0·84	6·73	2·62	+4·11	0·11	Jask.
10		1	1				4	10	N 50° W	S 82° W	7·0	4·7	+2·3	46	+ 5	71	0	·484	−·027	2·2	−0·2	1			0·10	0·78	−0·68	4·24	2·32	+1·92	0·10	Muscat.
	5	1	3	2	2		6	9	N 38° W		8·7			39		78		·388		2·1		0			0·10			3·44			0·05	Bahrein.
2	3	4	4	2			2	10	N 4° W	N 48° E	13·1	8·0	+5·1	39	− 8	77	+ 1	·296	−·067	4·1		1			0·26	2·35	−2·09	15·98	8·71	+7·27	0·20	Bushire.
	5	1	4	2	3	2	6	3	N 55° W‡		4·3*			12		64		·265		4·2		3			0·46			4·20			0·16	Busrah.
																Not received.																Kerman.
23			1	1			2	1	W	S 82° W	3·3‖	4·6	−1·3	4		(m) 75		(m) ·125		2·4	−0·8	0										
5	12	5			1	1	1	3	N	N 22° E	3·9‖	3·6	+0·3	57	+27	79‖	+14	·131‖	−·028	3·3	−0·6	2	2·60	−0·60	0	0·17	−0·17	5·72	0·97	+4·75	0	Ispahan.
3	4	4	1	3	5	2	2	4	N 15° W	N 8° E	10·0	4·4	+5·6	4	−19	66	− 4	·180	−·081	3·5	+0·9	3			0·47	0·82	−0·35	4·03	3·48	+0·55	0·18	Tehran.
6		2	5	2		13			S 6° W					32		70		·267		7·1		15			0·57	2·17	−1·60	3·99	5·19	−1·20	0·25	Baghdad.
5	7	13	2	1					N 38° E	N 81° E	15·3	15·3	0	67	−12	73	− 3	·650	−·025	6·1	−0·3	0			7·23			19·45			2·28	Beirut.
2		3	10	11	1		1		S 70° E	S 83° E	17·0	19·2	−2·2	71	0	76	− 2	·696	−·020	6·3	+0·7	0			0·03	0·29	−0·26	0·96	0·98	−0·02	0·03	Aden.
3	11	12	2						N 30° E	N 27° E	8·0	6·7	+1·3	79	+7	77	− 1	·821	−·053	6·1	0	0			0·06	0·26	−0·20	1·33	0·68	+0·65	0·06	Perim.
																									0·01	2·81	−2·80	8·63	11·27	−2·64	0·01	Zanzibar.

¶ Wind direction of 27 days.

* Uncorrected for scale error.
‡ Mean of 26 days.

** Snow water.

‖ Mean of 27 days.
(h) " " 12 "
(m) " " 10 "

Table C.—Abstract of observations taken at 8 hrs. at 37 fourth-class stations in India, etc., in February, 1911.

Table

Abstract of observations taken at 8 hrs.

Number of subdivision.	Station.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range during month.	Wind direction. Number of winds from: Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Resultant direction.	Normal direction.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
	II.—Eastern Bengal and Assam.																								
4	Bishnath	57·6	75·2	...	49·1	...	62·1	...	26·1	82·5	18th	40·7	12th	41·8	...	...	...	...	...	...	...	...	...	...	...
	Borjuli	60·0	79·3	...	51·1	...	65·2	...	28·2	86·1	17th	42·1	12th	44·0	...	...	...	...	...	...	...	...	...	...	...
	Chandkhira	56·0	81·6	...	49·0	...	65·3	...	32·6	87·7	28th	39·1	7th	48·6	...	...	...	...	...	...	...	...	...	...	...
	Doom Dooma	55·7	73·7	...	51·1	...	62·4	...	22·6	81·8	28th	42·2	13th	39·6	...	...	...	...	...	...	...	...	...	...	...
	Dikom	55·1	73·1	...	51·6	...	62·3	...	21·5	82·2	22nd	43·0	7th	39·2	...	...	...	...	...	...	...	...	...	...	...
	Golaghat	60·8	61·3	...	53·4	...	57·3	...	7·9	67·3	21st & 28th.	43·8	13th	23·5	...	...	...	...	...	...	...	...	...	...	...
	Hailakandi	Not received.																							
	Jorehat	60·3	73·3	...	54·0	...	63·7	...	19·3	80·9	17th & 22nd	45·6	1st	35·3	...	...	...	...	...	...	...	...	...	...	...
	Messa	59·4	82·7	...	45·2	...	63·9	...	37·5	87·1	23rd	41·0	13th & 15th.	46·1	...	...	...	...	...	...	...	...	...	...	...
	Panerihat	53·3	69·6	...	49·2	...	59·4	...	20·4	80·8	22nd	40·4	13th	40·4	...	...	...	...	...	...	...	...	...	...	...
	Srimangal	60·6	82·9	...	51·3	...	67·1	...	31·6	88·7	27th	40·2	6th	48·5	...	...	...	...	...	...	...	...	...	...	...
5	Brahmanbaria	67·7	83·3	...	54·5	...	68·9	...	28·8	89·6	28th	44·7	9th	44·9	...	...	...	...	...	...	...	...	...	...	...
	Dam Dim	58·7	84·3	...	47·8	...	66·1	...	36·5	88·1	28th	39·2	4th	48·9	...	...	...	...	...	...	...	...	...	...	...
	Goalundo	63·3	83·3	...	51·2	...	67·3	...	32·1	92·4	28th	39·3	7th	53·1	...	...	...	...	...	...	...	...	...	...	...
	Kalchini	62·1	78·5	...	48·5	...	63·5	...	30·0	84·6	16th, 17th & 22nd.	40·9	10th	43·7	...	...	...	...	...	...	...	...	...	...	...
	Nagrakata	63·3	77·1	...	52·7	...	64·9	...	24·4	85·1	23rd	44·0	12th & 21st.	41·1	...	...	...	...	...	...	...	...	...	...	...
	Pabna	62·1	82·4	...	54·5	...	68·5	...	27·9	91·0	28th	46·6	3rd	44·4	...	...	...	...	...	...	...	...	...	...	...
	XI.—Central Provinces.																								
24	Chhindwara	57·6	83·7	...	50·0	...	66·9	...	33·7	91·7	25th & 28th.	32·3	2nd	59·4	...	2	2	...	...	1	7	14	5	N 87° W	...
	XIV.—Madras.																								
33	Anantapur	69·8	90·8	...	59·5	...	75·2	...	31·3	99·5	22nd	56·3	8th	43·2	...	...	...	...	...	...	...	...	...	...	...
34	Guntur	72·8	91·3	...	65·8	...	78·6	...	25·5	99·0	23rd	57·3	3rd	41·7	...	...	...	...	...	...	...	...	...	...	...
	Bay Islands.																								
1	Car Nicobar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kashmir.																								
14	Jammu	55·5	69·6	...	51·5	...	60·6	...	18·1	79·1	28th	40·6	2nd	38·5	...	23	4	...	...	...	1	...	...	N 5° E	...
	Kargil	9·3	23·9	...	5·4	...	14·7	...	18·5	47·8	18th	—2·3	5th	50·1	...	3	6	16	1	...	...	...	2	N 67° E	...
	Hill Stations, exclusive of Kashmir.																								
	Fanighatta	64·1	76·8	...	56·9	...	66·9	...	19·9	84·5	23rd	48·6	2nd	35·9	...	...	...	...	...	...	...	...	...	...	...
	Kurseong	51·3	58·4	...	50·7	...	54·5	...	7·7	64·6	23rd	41·4	1st	23·2	...	...	...	...	...	...	...	...	...	...	...

* Mean of 24 days.

C.

at 37 fourth-class stations in India, etc., in February, 1911.

Wind velocity.			Wind steadiness.		Hygrometry, 8 hrs.				Cloud.		Rainfall.										Station.
Mean velocity, miles per hour.	Normal.	Percentage departure from normal.	Actual percentage.	Departure from normal.	Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs. in inches of mercury.	Departure from normal in inches of mercury.	Mean cloud amount at 8 hrs.	Departure from normal.	Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st Dec., 1910 to 28th Feb., 1911.	Normal rainfall for period, 1st December to 28th February.	Departure from normal of period, 1st Dec., 1910 to 28th Feb., 1911.	Heaviest rainfall during month.	
27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
																					II.—Eastern Bengal and Assam.
...	...	...	...	...	88	...	·427	...	...	...	5	...	...	1·23	...	...	4·06	...	...	0·36	Bishnath.
...	...	...	...	...	87	...	·461	...	...	...	6	...	...	1·79	...	...	4·02	...	...	0·50	Borjuli.
...	...	...	...	...	88	...	·410	...	...	...	0	...	...	0	...	...	6·39	...	...	0	Chandkhira.
...	...	...	...	...	91	...	·404	...	...	...	5	...	...	1·00	...	...	4·19	...	...	0·21	Doom Dooma.
...	...	...	...	...	96	...	·420	...	...	...	5	...	...	1·95	...	...	6·11	...	...	0·55	Dikom.
...	...	...	...	...	99	...	·529	...	...	...	5	...	...	1·91	...	...	4·66	...	...	0·90	Golaghat.
											Not received.										Hailakandi.
...	...	...	...	...	88	...	·461	...	...	...	3	...	...	0·88	...	...	5·73	...	...	0·22	Jorehat.
...	...	...	...	...	91	...	·475	...	...	...	4	...	...	0·80	...	...	3·62	...	...	0·21	Messa.
...	...	...	...	...	90*	...	·403*	...	...	...	5	...	...	0·91	...	...	2·01	...	...	0·30	Panerihat.
...	...	...	...	...	86	...	·469	...	...	...	0	...	...	0	...	...	2·43	...	...	0	Srimangal.
...	...	...	...	...	71	...	·497	...	...	...	1	...	...	0·12	...	...	0·49	...	...	0·12	Brahmanbaria.
...	...	...	...	...	96	...	·486	...	...	...	1	...	...	0·17	...	...	1·90	...	...	0·10	Dam Dim.
...	...	...	...	...	71	...	·425	...	...	...	2	...	...	0·46	...	...	0·46	...	...	0·26	Goalundo.
...	...	...	...	...	71	...	·409	...	...	...	2	...	...	0·84	...	...	2·33	...	...	0·65	Kalchini
...	...	...	...	...	68	...	·394	...	...	...	2	...	...	0·37	...	...	2·23	...	...	0·19	Nagrakata.
...	...	...	...	...	72	...	·412	...	...	...	1	...	...	0·20	...	...	0·20	...	...	0·16	Pabna.
																					XI.—Central Provinces.
2·7	...	...	64	...	65	...	·316	...	0·4	...	0	...	...	0	...	...	1·44	...	...	0	Chhindwara.
																					XIV.—Madras.
...	...	...	...	...	80	...	·583	...	2·0	...	0	...	...	0	...	...	0	...	...	0	Anantapur.
...	...	...	...	...	82	...	·660	...	1·2	...	0	...	...	0	...	...	0	...	...	0	Guntur.
																					Bay Islands.
...	...	...	...	...	...	...	...	...	...	...	3	...	...	0·84	...	...	0·84†	...	...	0·41	Car Nicobar.
																					Kashmir.
...	...	...	89	...	64	...	·285	...	4·0	...	1	...	...	0·82	...	...	9·66	...	...	0·78	Jammu.
...	...	...	75	...	60	...	·041	...	6·6	...	7	...	...	1·81‡	...	...	7·14	...	...	0·49	Kargil.
																					Hill Stations, exclusive of Kashmir.
...	...	...	...	...	57	...	·344	...	...	...	1	...	...	0·44	...	...	2·56	...	...	0·43	Panighatta.
...	...	...	...	...	66	...	·249	...	...	...	1	...	...	0·82	...	...	2·22	...	...	0·60	Kurseong.

† Rainfall for December, 1910 is not included.

‡ Snow water.

Table

Abstract of observations taken at 8 hrs.

Number of subdivision.	Station.	Temperature of air.													Wind direction.										
		Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range during month.	Number of winds from: Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Resultant direction.	Normal direction.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
	Hill Stations, exclusive of Kashmir—*concld.*																								
	Gnatong	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lachung	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Ringim	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Poo	...	35·3	...	19·2	...	27·2	...	16·1	48·4	26th	3·0	6th	45·4	5	4	...	10	3	...	...	3	3	N 30° E	...
	Kailang	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Drosh	34·6	46·4	...	31·4	...	38·9	...	15·0	58·7	26th	21·1	1st&2nd	37·6	18	...	7	...	2	...	1	...	...	N 63° E	...
	Pishin	...	59·5	...	31·8	...	45·7	...	27·7	70·3	13th, 21st & 25th.	17·6	1st	52·7	...	...	...	...	...	...	...	...	...	...	...
	Kalat	38·8	58·3	+2·3	29·4	+4·6	43·8	+3·5	28·9	70·8	26th	12·9	1st	57·9	...	2	...	1	...	25	...	...	...	S 2° E	...
	Extra India.																								
	Ahwaz	...	59·0	...	44·8	...	51·9	...	14·2	66·4	12th	33·4	1st	33·0	...	...	...	...	...	...	...	...	...	...	...
	Birjand	37·6	49·8	...	32·1	...	40·9	...	17·7	61·5	12th	19·7	1st	41·8	...	...	...	...	...	...	...	...	...	...	...
	Chumbi	27·0	45·0	...	22·6	...	33·8	...	22·4	56·7	19th	14·9	11th	41·8	...	...	...	...	...	...	...	...	...	...	...
	Kirmanshah	25·7	34·1	...	10·5	...	22·3	...	23·6	46·0	11th	—6·0	4 days	52·0	...	...	...	...	...	...	...	...	...	...	...
	Koweit	...	60·4	...	42·8?	...	51·6?	...	17·6?	65·7	28th	26·7?	1st	39·0?	1	2	...	...	5	...	...	3	17	N 45° W	...
	Maidan	Observations not received.																							
	Muhammerah	...	63·4	...	46·0	...	54·7	...	17·4	70·7	27th	37·6	13th	33·1	...	8	...	...	3	3	...	...	7	N 21° W	...
	Pemba	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Prison Island	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

C—*concluded.*

at 37 fourth-class stations in India, etc., in February, 1911—concluded.

Wind velocity.			Wind steadiness.		Hygrometry, 8 hrs.				Cloud.		Rainfall.									Heaviest rainfall during month.	Station.
Mean velocity, miles per hour.	Normal.	Percentage departure from normal.	Actual percentage.	Departure from normal.	Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs. in inches of mercury.	Departure from normal in inches of mercury.	Mean cloud amount at 8 hrs.	Departure from normal.	Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st Dec., 1910 to 28th Feb., 1911.	Normal rainfall for period, 1st Dec. to 28th February.	Departure from normal of period, 1st Dec., 1910 to 28th Feb., 1911.		
27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
																					Hill Stations, exclusive of Kashmir—*concld.*
...	...	...	...	...	...	...	...	...	...	...	9	...	...	3·84*	...	...	9·47	...	...	1·15	Gnatong.
...	...	...	...	...	...	...	...	...	...	...	...	Rainfall observations not received.									Lachung.
...	...	...	...	...	...	...	...	...	...	...	...	Rainfall observations not received.									Ringim.
...	...	...	32	...	...	...	...	...	5·7	...	3	...	...	0·63	3·93	—3·30	12·66	8·18	+4·48	0·27	Poo.
...	...	...	...	...	...	...	...	...	...	...	5	...	...	1·40	...	...	11·99	...	...	0·50	Kailang.
...	...	...	25	...	82	...	·162	...	4·9	...	5	...	...	2·36	...	...	8·26	...	...	0·81	Drosh.
...	...	...	...	...	...	...	...	...	4·5	...	3	6·40	—3·40	1·02	2·86	—1·84	7·99	6·22	+1·77	0·66	Pishin.
...	...	...	82	...	70	...	·169	...	...	...	1	5·20	—4·20	0·60	1·26	—0·66	6·52	2·70	3·82	0·50	Kalat.
																					Extra India.
...	...	...	...	...	...	...	...	...	3·4	...	2	...	...	0·63	...	...	6·29	...	...	0·30	Ahwaz.
...	...	...	...	...	67‡	...	·149‡	...	2·9	...	4	...	...	2·09	...	...	3·01†	...	...	0·90	Birjand.
9·7	...	...	...	...	71	...	·105	...	...	...	2	...	...	0·60*	...	...	1·56	...	...	0·30	Chumbi.
...	...	...	...	...	74	...	·109	...	...	...	8	...	...	3·45*	...	...	5·82	...	...	1·50	Kirmanshah.
...	...	...	54	...	...	...	...	...	5·0	...	0	...	...	0·11	...	...	5·07	...	...	0·06	Koweit.
							Observations not received.														Maidan.
...	...	...	38	...	...	...	...	...	...	...	3	...	...	0·60	...	...	6·13	...	...	0·20	Muhammerah.§
...	...	...	...	...	...	...	...	...	...	...	0	...	...	0·09	...	...	6·24	...	...	0·09	Pemba.
...	...	...	...	...	...	...	...	...	...	...	...	Rainfall observations not received.						...	...	...	Prison Island.

* Snow water. † Total rainfall from 19th January, 1911 only. ‡ Mean of 27 days. § Wind variable 7.

TABLE A.—Abstract of observations taken at 10 hrs. and 16 hrs. at 32 stations in India, etc., in March, 1911.

Table

Abstract of observations taken at 10 hrs. and 16 hrs. at 32

Number of subdivision.	Station.	Elevation of barometer cistern above sea-level, in feet.	Pressure. Mean of 10 hrs.	Pressure. Mean of 16 hrs.	Pressure. Mean daily range.	Pressure. Mean of daily mean pressures.	Pressure. Departure from normal.	Pressure. Mean reduced to sea-level and gravity, 45° Lat.	Temperature of air. Mean maximum.	Temperature of air. Mean minimum.	Temperature of air. Mean daily range.	Temperature of air. Highest maximum.	Temperature of air. Lowest minimum.	Temperature of air. Absolute range.	Temperature of air. Mean 10 hrs.	Temperature of air. Mean 16 hrs.	Temperature of air. Mean of daily means.	Temperature of air. Departure from normal.	Temperature, wet-bulb. Mean minimum.	Temperature, wet-bulb. Mean 10 hrs.	Temperature, wet-bulb. Mean 16 hrs.	Temperature, wet-bulb. Mean of three previous columns.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	I.—Burma.																					
2	Rangoon . .	18	29·948	29·802	·146	29·874	—·006	29·829	94·2	70·9	23·3	98·7	66·7	32·0	83·6	91·9	79·9	— 1·3	68·9	72·1	72·8	71·3
	III.—Bengal.																					
6	Calcutta . .	21	·937	·805	·132	·865	+·009	·832	90·5	69·0	21·5	96·2	58·6	37·6	81·6	87·9	78·9	— 0·4	64·8	71·1	70·7	68·9
	IV.—United Provinces of Agra and Oudh.																					
10	Allahabad . .	309	·632	·506	·126	·560	+·012	·836	86·7	60·2	26·5	99·2	53·5	45·7	77·3	85·3	72·7	— 4·1	55·8	63·1	64·9	61·3
11	Dehra Dun . .	2,233	27·675	27·596	·079	27·627	—·001	·865	73·3	52·1	21·2	86·2	44·8	41·4	65·3	69·4	62·3	— 4·7	49·8	56·6	57·9	54·8
	V.—Punjab.																					
12	Lahore . .	702	29·228	29·150	·078	29·183	+·016	·875	76·3	55·0	21·3	86·0	45·2	40·8	67·9	73·8	65·0	— 4·0	52·9	60·3	62·4	58·5
	VIII.—Rajputana.																					
19	Jaipur . .	1,431	28·516	28·409	·107	28·454	+·001	·855	84·9	59·2	25·7	98·4	50·0	48·4	75·4	82·2	71·6	— 3·3	53·0	60·1	61·5	58·2
	Udaipur . .	1,925	·031	27·915	·116	27·967		·842	85·6	58·3‡	27·3	97·5	51·3	46·2	77·5	84·2	72·3‡		53·1	61·3	64·5	59·6
	IX.—Bombay.																					
26	Bombay . .	37	29·952	29·832	·120	29·894	+·017	·865	85·9	72·8	13·1	90·0	69·3	20·7	79·3	81·5	77·8	— 0·2	67·6	71·0	72·0	70·2
	XI.—Central Provinces.																					
24	Nagpur . .	1,017	28·935‡	28·781	·154	28·853	+·019	·820‡	95·0	65·4	29·6	102·6	59·6	43·0	83·5‡	93·4	79·5	— 2·9	53·4	63·7‡	66·4	61·2
	XII.—Hyderabad.																					
29	Hyderabad .	1,690	·252	·110	·142	·177	—·018	·779	96·8	70·7	26·1	102·4	62·7	39·7	86·7	94·8	83·1	0	60·6	67·4	67·6	65·2
	XIII.—Mysore.																					
30	Bangalore . .	3,021	27·002	26·864	·138	26·933	+·001	·798	90·7	65·3	25·4	94·2	57·6	36·6	81·4	88·9	77·0	+ 0·3	59·8	66·5	65·6	64·0
	Mysore . .	2,518	·482	27·328	·154	27·405	—·002	·799	92·6	66·9	25·7	96·8	61·2	35·6	81·9	91·3	78·8	— 0·6	63·9	70·7	70·1	68·2
	***XIV.—Madras.**																					
32	Pudukkottai .	318	29·663	29·499	·164	29·581		·826	97·5	74·0	23·5	99·7	68·6	31·1	87·4	94·9	85·7		72·7	78·7	80·5	77·3
	Madras . .	22	·962	·834	·128	·898	—·007	·850	90·0	72·9	17·1	94·9	64·6	30·3	86·5	85·5	80·0	+ 0·5	72·3	77·6	77·6	75·8
	Bay Islands.																					
1	Port Blair . .	58	·930	·819	·111	·874	+·006	·861	89·2	75·1	14·1	91·6	72·4	19·2	84·1	87·4	80·6	— 1·7	72·2	76·2	77·1	75·2
	Kashmir.																					
14	Srinagar . .	5,204	24·925	24·858	·067	24·886	—·018	24·858	50·0	37·1	12·9	61·0	31·8	29·2	42·9	48·3	42·3	— 2·8	34·5	39·7	45·0	39·7
	Leh . . .	11,503	19·643	19·560	·083	19·599	—·059	19·567	40·6	19·3	21·3	54·6	10·0	44·6	30·7	36·7	28·7	— 2·2	16·8	26·1	29·2	24·0
	Baluchistan.																					
16	Quetta . . .	5,502	24·622	24·553	·069	24·580	—·047	24·540	59·6	38·4	21·2	73·1	26·7	46·4	52·0	56·6	49·3	— 3·3	36·8	43·5	45·7	41·6

‡ Mean of 30 days.

N.B.—Elevations in italics indicate barometric determinations.

NOTE.—The barometric readings are not reduced to sea-level, in the cases of

A.

stations in India, etc., in March, 1911.

Vapour tension, in inches of mercury. From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	Humidity. From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	Cloud. Mean 10 hrs.	Mean 16 hrs.	Mean of two previous columns.	Departure from normal.	Wind direction. Total number of 10 hrs. and 16 hrs. winds from: Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Mean wind direction.	Normal mean wind direction of month.	Wind steadiness. Average percentage.	Normal percentage.	Wind velocity. Mean velocity in miles per diem.	Normal.	Rainfall. Total rainfall for the month.	Heaviest rainfall during the month.	Station.	Number of subdivision.
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	54	55	56
																															I.—Burma.	
·681	·635	·550	·642	−·047	90	56	37	66	− 2	1·8	2·4	2·1	+0·1	15	3	1		3	21	8	8	3	S 30° W	S 21° W	42	55	31	108	0	0	Rangoon	2
																															III.—Bengal.	
·562	·631	·526	·613	−·030	78	58	41	64	− 3	1·7	2·7	2·2	0		4	4	3	5	7	20	10	9	S 61° W	S 60° W	39	44	121*	118	1·95	1·01	Calcutta	6
																															IV.—United Provinces of Agra and Oudh.	
·392	·393	·346	·388	+·030	75	44	31	53	+11	2·8	3·4	3·1	+0·9	4	6	4	6	2	2	3	17	18	N 53° W	N 63° W	43	41	95	122	1·41	0·51	Allahabad	10
·332	·352	·337	·343	+·052	85	57	49	65	+18	3·6	6·5	5·1	+1·5	6	5	5	4	4	4	7	19	8	N 83° W	N 81° W	32	28	† 49*	50	7·18	2·33	Dehra Dun	11
																															V.—Punjab.	
·378	·428	·418	·419	+·059	86	63	52	63	+15	4·5	5·4	4·9	+1·4	8	5	5	3	10	3	1	6	21	N 32° W	N 12° W	24	31	78	70	4·01	1·97	Lahore	12
																															VIII.—Rajputana.	
·331	·338	·294	·325	+·020	66	40	29	48	+ 9	4·4	5·5	4·9	+1·8	2	6	4	7	4	7	12	9	11	S 83° W	N 46° W	21	30	111*	108	1·82	0·61	Jaipur	19
·340‡	·339	·365	·339		70‡	37	32	45		3·3	3·5	3·4		10	3	3	9	3	4	9	17	4	S 72° W		21		80		0·57	0·53	Udaipur	
																															IX.—Bombay.	
·606	·643	·658	·663	−·074	75	64	61	71	− 4	1·2	1·2	1·2	−0·1		3	2	9	2	1	4	12	29	N 51° W	N 36° W	50	46	238*	262	0	0	Bombay	26
																															XI.—Central Provinces.	
·264	·315‡	·312	·303	−·043	42	31‡	20	32	− 2	0·9	1·6	1·3	−1·1	7	7	8	9	3	4	6	11	6	N 23° W	N 6° E	12	12	88	118	0·45	0·27	Nagpur §	24
																															XII.—Hyderabad.	
·408	·431	·334	·392	−·068	54	35	20	37	− 7	0·1	2·2	1·1	−0·5	47	1	8	1	1			4		N 32° E	S 48° E	11	23	62	101	0	0	Hyderabad.	29
																															XIII.—Mysore.	
·452	·475	·358	·437	−·010	73	44	26	50	0	0·5	1·9	1·2		2	3	7	11	8	11	7	7	6	S 30° E	S 36° E	18	46	139	118	2·13	2·00	Bangalore	30
·556	·611	·472	·555	+·118	85	57	32	60	+13	0·6	2·3	1·5	−1·1		4	15	18	8	2	7	6	2	N 81° E	N 88° E	35	37	145	192	1·34	1·30	Mysore	
																															XIV.—Madras.	
·799	·870	·856	·838		94	67	53	71		2·9	1·9	2·4		22		1	4	20	12	3			S 31° E		52		132		0	0	Pudukkottai	32
·799	·827	·842	·845	+·043	97	65	69	81	+ 3	1·7	0·6	1·1	−1·1					31	12	18	1		S 1° E	S 44° E	77	81	163*	149	0	0	Madras	
																															Bay Islands.	
·750	·794	·788	·804	−·088	87	68	61	76	− 3	2·1	2·6	2·3	−0·8	23	2	15	13	9					N 78° E	N 63° E	50	66	35	101	0	0	Port Blair	1
																															Kashmir.	
·170	·214	·262	·202	−·053	78	78	76	77‖	− 4	7·7	8·0	7·9	+2·2	20	1	3		11	4	4	8	16	S 88° W	N 24° W	11	16	64	115	5·41	1·07	Srinagar	14
·079	·105	·103	·099	−·003	72	63	48	63	+ 5	6·7	7·8	7·3	+0·8		3	3	1	4	23	19	8	1	S 26° W	S 45° W	60	23	47	48	0·56	0·24	Leh	
																															Baluchistan.	
·203	·202	·200	·200	−·008	86	53	46	63	+ 7	5·1	5·2	5·1	+1·0	11	1	2		10	8	6	4	20	S 79° W	S 78° W	23	30	75	96	2·85	0·69	Quetta	16

* Uncorrected for scale error. † Mean of 30½ days ‖ Mean of three previous columns.

hill or plateau stations, the elevations of which exceed 3,290 feet.

§ Wind observation less 1.

Table

Abstract of observations taken at 10 hrs. and 16 hrs. at 32

Number of subdivision.	Station.	Elevation of barometer cistern above sea-level, in feet.	Pressure. Mean of 10 hrs.	Pressure. Mean of 16 hrs.	Pressure. Mean daily range.	Pressure. Mean of daily mean pressures.	Pressure. Departure from normal.	Pressure. Mean reduced to sea-level and gravity, 45° Lat.	Temperature of air. Mean maximum.	Temperature of air. Mean minimum.	Temperature of air. Mean daily range.	Temperature of air. Highest maximum.	Temperature of air. Lowest minimum.	Temperature of air. Absolute range.	Temperature of air. Mean 10 hrs.	Temperature of air. Mean 16 hrs.	Temperature of air. Mean of daily means.	Temperature of air. Departure from normal.	Temperature, wet-bulb. Mean minimum.	Temperature, wet-bulb. Mean 10 hrs.	Temperature, wet-bulb. Mean 16 hrs.	Temperature, wet-bulb. Mean of three previous columns.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	Hill Stations, excluding Kashmir and Baluchistan.																					
	Simla	7,232	23·086	23·045	·041	23·058	—·040	23·020	50·6	39·1	11·5	62·4	31·3	31·1	46·0	47·3	45·1	—6·4	34·8	38·9	41·1	38·3
	Sarain		·147	·092	·055	·109		·071	50·5	33·5	17·0	65·3	28·9	36·4	44·6	47·1	42·3			38·5	41·1	
	Kalabagh									Observations not received.												
	Chakrata	7,022	23·272	23·217	·055	23·232	—·049	23·192	54·6	39·0	15·6	71·7	29·7	42·0	49·6	48·3	47·1	—6·2	34·9	43·3	43·6	40·3
	Muktesar	7,592	22·836	22·774	·062	22·798		22·756	54·3	38·5	15·8	65·3	29·8	35·5	47·7	50·8	46·7		33·9	41·2	43·9	39·7
	Katmandu	4,388	25·652	25·559	·103	25·608	—·003†	25·561	71·7‡	46·4	25·3	77·8	40·1	37·7	61·6	69·8	59·6‡	—1·2†	44·5	54·3	56·2	51·7
	Darjiling	7,376	22·980	22·898	·082	22·936	—·058	22·891	54·0	40·8	13·2	60·9	35·0	25·9	49·5	49·9	47·7	—2·0	39·2	45·5	45·8	43·5
	Pachmarhi	3,528	26·491	26·390	·101	26·432	—·032	26·380	81·1	57·0	24·1	91·2	48·6	42·6	71·7	79·1	69·3	—3·4	49·1	56·0	57·9	54·3
	Mount Abu	3,945	·092	·016	·076	·046	—·022	25·996	71·1	57·3	13·8	83·8	49·2	34·6	65·5	69·2	64·5	—5·4	46·7	52·3	52·9	50·6
	Chikalda	3,642	·409	·302	·107	·347	—·016	26·292	83·7	61·7	22·0	94·5	51·2	43·3	75·9§	80·9	73·0	—3·6	51·4¶	57·2§	58·8§	55·8
	Ootacamund	7,327	23·119	23·041	·078	23·074		23·010	69·3	47·2	22·1	72·7	38·1	34·6	65·3	65·1	58·5		44·8	52·7	54·3	50·6
	Kodaikanal	7,688								Observations not received.												
	Dodabettá	8,539‖	22·129	22·059	·070	22·088		22·025	63·1	47·8	15·3	67·3	44·2	23·1	59·7	59·5	55·8		42·6	49·6	51·3	47·8
	Extra India.																					
	Minicoy	7	29·997	29·902	·095	29·953																
	Zanzibar	72	·912	·794	·118	·857	—·003	29·855	87·3	80·4	6·9	91·7	77·1	14·6	83·6	86·6	82·6	+1·1	74·0	78·1	75·5§	75·9
	Diego Garcia									Observations not received.												
	Seychelles	15	29·959	29·869	·090	29·919	+·014†	·858	83·9	77·7	6·2	85·3	72·7	12·6	81·8	82·9	79·8	+0·9†	72·4	76·4	76·6	75·1
	Mauritius	181								Observations not received.												

N.B.—Elevations in italics indicate barometric determinations.

NOTE.—The barometric readings are not reduced to sea-level, in the cases of hill or plateau stations, the elevations of which exceed 3,200 feet.

† Departure from old normal.

‡ Mean of 19 days.

¶ " " 21 "

‖ " " 23½ "

§ Mean of 30 days.

A—*concluded.*

stations in India, etc., in March, 1911—concluded.

Vapour tension, in inches of mercury.					Humidity.					Cloud.				Wind direction.											Wind steadiness		Wind velocity.		Rainfall.		Station.	Number of subdivision.
														Total number of 10 hrs. and 16 hrs. winds from																		
From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	Mean 10 hrs.	Mean 16 hrs.	Mean of two previous columns	Departure from normal.	Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Mean wind direction.	Normal mean wind direction of month.	Average percentage.	Normal percentage.	Mean velocity in miles per diem.	Normal.	Total rainfall for the month.	Heaviest rainfall during the month.		
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	54	55	56
																															Hill Stations, excluding Kashmir and Baluchistan.	
·159	·164	·194	·170	—·004	70	55	63	64	+15	5·8	8·0	6·9	+1·9																9·11	1·94	Simla.	
	·175	·200				63	66			4·9	7·6	6·3		31	2	5	1		9	11	2	1	S 29° W		19		23		17·12	3·00	Sarain.	
													Observations not received.																		Kalabagh.	
·160	·219	·236	·203	+·014	70	65	71	70	+18	5·2	6·9	6·1	+2·1	4	22	2		16	15			3	S 86° E	S 39° W	18	13	122	170	16·76	3·31	Chakrata.	
·148	·192	·219	·184		68	60	62	64		5·0	6·8	5·9		21	1	4	7	2	3	2	22		S 81° W		19		213		7·79	1·79	Muktesar.	
·274	·339	·298	·302	+·001	86	62	42	64	+ 3	2·6	4·8	3·7	+0·4	4		1	23	1	1	2	30		S 72° W	N 82° W	11	47	23*	32	2·61	1·32	Katmandu.	
·221	·264	·262	·247	—·007	87	75	75	80	+ 5	6·6	7·3	6·9	+1·8	30		1				8	23		S 80° W	S 78° W	45	42	92	180	2·03	0·97	Darjiling.	
·263	·269	·236	·251	0	57	37	25	40	+ 6	0·3	0·5	0·4	—1·9	3	8	4	3	3	1	9	12	19	N 58° W	N 57° W	45	32	123	120	0·40	0·28	Pachmarhi.	
·202	·245	·218	·217	+·006	44	41	32	39	+ 8	3·6	4·2	3·9	+1·6		2	7	2	4	2	18	10	17	N 51° W	N 81° W	40	38	195	173	2·06	1·03	Mount Abu.	
·247¶	·264§	·244§	·247	—·025	45¶	31§	23§	33	+ 1	1·4	1·7	1·5	—0·8	10	8	2		7	1	6	4	24	N 49° W	N 51° W	40	27	138‖	180	0·04	0·04	Chikalda.	
·274	·267	·308	·284		84	44	51	61		2·5	5·5	4·0		3	5	10	19	15	6	1	1	2	S 84° E		55		91		4·38	2·24	Ootacamund.	
													Observations not received.																		Kodaikanal.	
·222	·250	·238	·256		66	51	59	60		3·2	5·8	4·5		1	10	21	15	12	2			1	N 82° E		62		359		1·71	0·60	Dodabetta.	
																															Extra India.	
										3·0	2·6	2·8			33	15	1				2	11	N 2° E		82		106		0	0	Minicoy.	
·752	·886	·861§	·884	—·053	73	77	68§	76	— 5	6·5	6·2	6·3	+1·0	4	4	6	5	13	10	10	6	4	S 9° E	S 44° E	24	13	92	130	9·93	2·77	Zanzibar.	
													Observations not received.																		Diego Garcia.	
·725	·839	·836	·827	—·034	77	77	74	80	— 3	5·6	5·5	5·5	—1·2†	15	19	9	2	3				14	N 1° E	N 17° W	53	39	132*	118	5·02	1·33	Seychelles.	
													Observations not received.																		Mauritius.	

* Uncorrected for scale error.

Table B.—Abstract of observations taken at 8 hrs. at 237 stations in India, etc., in March, 1911.

(1) Provincial means.

(2) Data of stations.

(1) Provincial means based on the material in Table B (2) except that the statement of rainfall depends on the complete data of about 2,000 stations.

	Pressure departure from normal.	Temperature of air.								Wind.		Hygrometry.				Cloud.		Rainfall.		
		Mean maximum.	Departure from normal.	an minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Absolute range during month	Departure of velocity from normal.	Departure of steadiness from normal.	Mean humidity.	Departure from normal.	Mean vapour tension.	Departure from normal.	Mean cloud amount.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.
Burma	—·002	91·0	—2·1	67·4	—0·6	79·2	—1·4	23·6	32·8	+0·6	—14	75	+ 2	·630	—·013	2·2	—0·3	0·31	0·26	+0·05
Eastern Bengal and Assam	+·011	84·6	—2·1	63·1	—0·7	73·9	—1·4	21·5	35·7	—1·1	— 3	78	— 2	·569	—·030	3·5	0	2·88	3·17	—0·29
Bengal	+·009	88·3	—3·1	64·6	—1·7	76·4	—2·4	23·7	37·9	—0·1	— 7	68	+ 3	·522	—·004	2·4	+0·2	1·22	0·77	+0·45
United Provinces of Agra and Oudh.	+·017	82·8	—6·5	57·8	—2·3	70·3	—4·4	25·0	42·7	—0·1	+11	64	+11	·400	+·033	2·9	+0·9	1·47	0·39	+1·08
Punjab	+·012	76·1	—8·2	54·7	—1·9	65·4	—5·0	21·4	40·9	+0·6	+ 1	76	+16	·395	+·039	4·3	+1·4	4·05	0·68	+3·37
North-West Frontier Province	—·015	70·5	—9·3	52·7	—0·9	61·6	—5·1	17·7	37·1	—0·7	+ 7	83	+15	·389	+·029	5·3	+1·3	7·07	1·85	+5·22
Sind	—·006	82·8	—6·0	62·2	—1·7	72·5	—3·8	20·6	40·1	—0·2	+ 2	69	+12	·474	+·056	3·6	+1·1	0·59	0·16	+0·43
Rajputana	—·004	84·8	—5·2	59·9	—2·1	72·4	—3·6	24·8	44·6	+0·3	+ 2	53	+12	·352	—·022	3·6	+1·3	0·85	0·15	+0·70
Bombay	+·005	89·5	—3·0	66·0	—1·7	77·8	—2·3	23·4	38·3	—0·4	+10	61	+ 2	·504	—·017	1·5	—0·1	0·36	0·11	+0·25
Central India	—·002	86·7	—5·4	59·7	—2·0	73·2	—3·7	27·0	45·9	—0·7	— 9	51	+ 9	·349	+·029	3·1	+1·7	0·35	0·16	+0·19
Central Provinces	+·002	91·4	—4·1	63·6	—2·5	77·5	—3·3	27·8	44·4	+0·2	+ 5	42	— 1	·330	—·038	1·6	—0·1	0·27	0·41	—0·14
Hyderabad	+·001	96·2	—1·5	70·3	+0·1	83·2	—0·7	25·9	39·5	—0·9	+ 7	42	— 6	·399	—·070	1·2	—0·3	0·05	0·42	—0·37
Mysore	+·005	91·7	—0·7	65·9	—0·2	78·8	—0·5	25·9	36·0	—0·4	+15	63	0	·533	—·007	0·4	—1·2	0·22	0·31	—0·09
Madras	+·002	93·2	—0·2	73·6	+0·1	83·4	0	19·6	29·4	+0·2	+ 3	73	— 1	·754	—·010	2·1	—0·1	0·21	0·41	—0·20

Table

(2) Abstract of observations taken at 8 hrs. at 237

Number of subdivision.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	I.—Burma.																						
2	Victoria Point	97?	29·847		29·873?	29·904	27th	29·787	15th	·137													
	Mergui	65	29·898	—·003	29·893	29·973	28th	29·829	7th	·144	79·4	90·5	—0·7	70·1	—1·8	80·3	—1·3	20·4	93·9	14th & 25th.	64·9	11th	29·0
	Tavoy	19	29·954	0	29·904	30·023	28th	29·883	8th	·140	73·4	91·8	—1·5	68·8	—1·4	80·3	—1·5	23·0	95·0	28th	60·8	1st	34·2
	Moulmein	94	29·872	+·012	29·905	29·963	27th	29·791	7th	·172	78·4	92·5	—1·6	71·6	—1·1	82·0	—1·3	20·9	97·5	30th	66·3	1st	31·2
	Rangoon	18	29·923	—·010	29·889	30·027	27th	29·852	7th	·175	73·5	94·0	—2·6	70·8	—0·3	82·4	—1·5	23·2	98·6	24th	66·9	1st	31·7
	Bassein	27?	29·927	+·005	29·891	30·012	28th	29·856	7th	·156	76·5	92·2	—2·2	71·3	+0·8	81·8	—0·7	20·9	96·2	13th	66·9	26th	29·3
	Diamond Island	41	29·916	—·008	29·892	30·002	28th	29·842	7th	·160	79·0	83·2	—2·4	73·3	—1·7	78·3	—2·1	9·9	85·4	28th & 29th.	70·2	3rd	15·2
	Toungoo	164	29·772	—·001	29·880	29·862	1st	29·689	7th	·173	76·0	94·6	—3·2	68·9	+0·4	81·7	—1·4	25·7	97·5	13th, 16th & 22nd.	62·9	1st	34·6
	Kyaukpyu	18	29·929		29·887	30·011	28th	29·852	8th	·159	76·9	84·5		71·5		78·0		13·0	89·0	29th	66·4	3rd, 8th & 25th.	22·6
	Akyab	20	29·937	—·008	29·898	30·008	1st	29·855	7th	·153	72·4	86·0	—3·1	68·5	—0·4	77·2	—1·7	17·5	89·9	25th	63·0	15th & 25th.	26·9
3	Thayetmyo	121	29·808	+·001	29·871	29·890	1st	29·729	7th	·161	77·6	98·7	—1·1	66·6	+0·1	82·6	—0·5	32·1	103·5	16th	61·9	1st & 4th.	41·6
	Minbu	*165*	29·747	—·007	29·858	29·829	1st	29·678	7th	·151	75·1	97·4	—1·9	69·3	0	83·3	—0·9	28·1	102·3	16th & 24th.	65·0	24th	27·3
	Yamethin	657	29·243	—·013	29·858	29·322	1st	29·168	7th	·154	74·2	95·7	—3·4	67·5	—0·6	81·6	—2·0	28·2	100·8	16th	61·5	8th	39·3
	Mandalay	250	29·663	+·002	29·866	29·762	1st	29·600	7th	·162	74·1	97·7	0	67·1	—0·8	82·4	—0·4	30·6	102·0	21st	62·1	8th & 9th.	40·9
	Monywa	*280*	29·655		29·890	29·765	1st	29·566	7th	·199	72·7	95·0		66·1		80·5		28·9	101·8	21st	60·6	9th	41·2
	Lashio	*2,820*	27·112	—·023	29·887	27·209	1st	27·049	16th	·160	62·4	82·6	—3·6	54·8	—0·9	68·7	—2·3	27·8	88·3	14th	51·0	4 days	37·3
	Bhamo	*381*	29·563	+·027	29·911	29·659	1st	29·461	15th	·198	66·0	86·7	—2·3	59·3	—0·8	73·0	—1·5	27·4	93·4	20th	53·1	23rd	40·3
	Myitkyina	458	29·456		29·887	29·542	1st	29·391	21st	·151	66·4	83·3		60·2		71·7		23·1	89·2	4 days	55·0	25th	34·2
	II.—Eastern Bengal and Assam.																						
4	Dibrugarh	353	29·594		29·922	29·693	28th	29·498	21st	·195	63·4	76·3		60·0		68·2		16·3	82·9	13th	55·1	4th, 5th & 25th.	27·8
	Sibsagar	333	29·620	—·006	29·925	29·714	24th	29·517	21st	·197	63·8	77·0	—2·1	59·7	—0·3	68·4	—1·2	17·3	83·6	31st	54·0	5th, 24th & 25th.	29·6
	Tezpur	252	29·697		29·917	29·815	2nd	29·587	21st	·228	65·1	81·1		62·1		71·6		19·0	86·6	21st	56·4	24th	30·2
	Gauhati	195	29·750		29·908	29·877	2nd	29·649	21st	·228	66·7	83·7		60·6		72·2		23·1	90·8	21st	54·1	23rd	36·7
	Dhubri	115	29·817	+·017	29·890	29·932	2nd	29·715	7th & 8th.	·217	68·1	84·4	—2·1	62·5	—0·9	73·5	—1·5	21·9	92·5	20th & 21st	55·6	23rd	36·9
	Silchar	104	29·865	+·008	29·925	29·913	1st	29·768	7th	·175	67·4	82·0	—4·0	61·3	—1·9	71·7	—2·9	20·7	86·8	20th	52·8	9th	34·0
5	Cox's Bazar	36	29·915		29·898	29·989	1st	29·843	8th	·156	74·2	84·5		66·5		75·4		18·0	88·2	24th	59·7	25th	28·5
	Chittagong	87	29·863	+·003	29·902	29·951	1st	29·761	8th	·193	73·4	86·3	—0·4	66·5	—1·1	76·4	—0·7	19·8	90·0	22nd	59·0	25th	31·0
	Noakhali	43	29·906		29·896	29·999	2nd	29·787	8th	·212	73·4	84·6		67·3		76·0		17·3	87·3	22nd & 24th.	57·4	23rd	29·9
	Barisal	12	29·925	+·008	29·884	30·004	24th	29·800	8th	·204	74·7	87·6	—1·7	67·8	—1·4	77·7	—1·5	19·8	91·3	1st & 27th.	59·6	23rd, 24th & 25th.	31·7
	Comilla	36	29·912		29·896	29·987	2nd	29·786	8th	·201	73·0	86·6		66·1		76·4		20·5	91·3	2nd	57·3	23rd	34·0
	Narayanganj	26	29·936	+·005	29·882	29·981	2nd & 24th.	29·800	7th	·181	72·6	86·5	—3·5	67·1	—1·1	76·8	—2·3	19·4	90·5	4 days	58·8	24th	31·7
	Faridpur	46	29·930? †		29·927?†	29·991	2nd	29·780	8th	·211	69·4	87·8		64·8		76·3		23·0	93·8	19th & 20th.	54·4	23rd	39·4
	Sirajganj	49	29·888		29·888	29·976	28th	29·781	7th	·195	69·1	87·5		63·3		75·4		24·2	94·9	20th	54·8	24th	40·1
	Mymensingh	63	29·888	+·023	29·904	30·020	28th	29·782	7th	·238	72·2	86·1	—0·8	64·4	0	75·3	—0·4	21·7	93·6	21st	57·1	24th	36·5
	Bogra	75	29·858	+·029	29·886	29·963	2nd	29·735	7th	·228	70·2	88·6	—1·6	63·0	—0·9	75·8	—1·2	25·6	96·7	21st	54·7	24th	42·0
	Rampur Boalia	70	29·862		29·882	29·958	24th	29·740	7th	·218	71·4	88·0		63·2		75·6		24·8	95·1	20th	55·1	23rd & 24th.	40·0
	Malda	72	29·842		29·867	29·947	2nd & 28th.	29·713	7th	·234	70·2	87·1		60·6		73·8		26·5	96·3	21st	53·0	24th	43·3
	Dinajpur	123	29·791	+·017	29·872	29·909	2nd	29·686	7th	·223	68·0	86·8	—2·3	60·8	—0·5	73·8	—1·4	26·0	96·3	21st	51·5	23rd	44·8
	Rangpur	123	?	?	?	?	?	?	?	?	68·5	84·7		60·5†		72·6†		24·2	94·6	21st	53·5	3rd	41·1

† Mean of 30 days.

N.B.—Elevations in italics indicate barometrical determinations.

NOTE.—The barometric readings are not reduced to sea-level, in the cases of hill or plateau stations, the elevations of which exceed 2,000 feet.

B.

stations in India, etc., in March, 1911.

Wind direction. Number of winds from: Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Resultant direction.	Normal direction.	Wind velocity. Mean velocity, miles per hour.	Normal.	Departure from normal.	Wind steadiness. Actual percentage.	Departure from normal.	Hygrometry, 8 hrs. Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs. in inches of mercury.	Departure from normal in inches of mercury.	Cloud. Mean cloud amount at 8 hrs.	Departure from normal.	Rainfall. Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st Dec., 1910, to 31st March, 1911.	Normal rainfall for period, 1st Dec., to 31st March.	Departure from normal of period, 1st Dec., 1910, to 31st March, 1911.	Heaviest rainfall during month.	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	54	55	56	57
																																I.—Burma.
	1	13	11	3	2	1			N 76° E					69						4·7												Victoria Point.
28		1	1			1			E	N 27° W	10·8†	2·2	+8·6	3	−50	84	+ 3	·824	−·011	1·4	−2·0	2	4·70	−2·70	1·52	3·28	−1·76	5·01	6·30	−1·29	1·05	Mergui.
31									(a)	N 24° W	1·0*	1·6	−0·6			86	+ 1	·710	−·061	1·0	−1·4	0	1·60	−1·60	0	1·24	−1·24	1·08	2·16	−1·08	0	Tavoy.
9	2	3	10	4	2	1			S 84° E	S 58° E	4·7	3·3	+1·4	46	−19	74	− 6	·723	−·053	1·3	−0·6	0	0·60	−0·60	0	0·36	−0·36	0·04	1·02	−0·98	0	Moulmein.
23	1					1	4	2	N 75° W	S 64° W	3·2	4·5	−1·3	23	−15	85	0	·703	−·033	3·0	+1·0	0	0·50	−0·50	0	0·20	−0·20	0	0·72	−0·72	0	Rangoon.
24	1						5	1	N 73° W	N 55° W	6·6	5·6	+1·0	23	−45	82	− 2	·749	−·025	0·9	−1·1	0	0	0	0	0·01	−0·01	0·01	0·57	−0·56	0	Bassein.
	5	1					3	22	N 40° W	N 30° W	15·0	9·3	+5·7	89	+16	74	− 2	·735	−·025	2·6	−0·2	0	0	0	0	0·05	−0·05	0·35	1·03	−0·68	0	Diamond Island.
15	2	3	1	3	5	2			S 41° E	S 51° E	2·3	3·1	−0·8	20	−23	75	+ 1	·666	−·011	3·0	+0·9	1	0·30	+0·70	1·30	0·11	+1·19	1·30	0·51	+0·79	1·30	Toungoo.
3	4	6	1	7	2			8	N 33° E		4·7*			30		81		·755		2·4		1			0·60			0·94			0·60	Kyaukpyu.
4	6	13	3					5	N 25° E	N 32° E	4·8	3·7	+1·1	69	− 6	81	+ 5	·683	−·013	3·8	+1·4	2	0·60	+1·40	0·50	0·52	−0·02	0·81	1·40	−0·59	0·33	Akyab.
8	1	3	3	7	6	3			S 39° E	S 68° W	4·3	4·8	−0·5	43	+ 4	70	+11	·662	+·111	0·5	−0·1	0	0·10	−0·10	0	0·03	−0·03	0	0·24	−0·24	0	Thayetmyo.
7				10	3	2	1	8	S 9° W	S 63° E	3·3	7·4	−4·1	20	− 3	56	− 2	·485	−·011	0·1	−0·1	0	0·10	−0·10	0	0·04	−0·04	0	0·70	−0·70	0	Minbu.
8				12	11				S 23° E	S 38° E	3·1	4·6	−1·5	69	+18	67	+ 8	·561	+·027	0·2	−0·5	0	0·30	−0·30	0·10	0·21	−0·11	0·10	1·16	−1·06	0·07	Yamethin.
7	2	2	2	10	4	1		3	S 51° E	S 8° W	4·0	4·2	−0·2	33	+ 7	55	+ 1	·455	−·053	1·4	+0·1	2	0·40	+1·60	0·79	0·16	+0·63	0·79	0·55	+0·24	0·64	Mandalay.
7	10	4		1	1			8	N 7° W		2·8			56		67		·556		1·5		2	0·50	+1·50	0·97	0·24	+0·73	0·97	0·39	+0·58	0·74	Monywa.
12	2	10	2	2			1	2	N 42° E		3·5*			40		74	+ 2	·415	−·005	1·8	−2·8	4			1·24	0·58	+0·66	1·37	1·92	−0·55	0·40	Lashio.
28		3							N 45° E	N 3° W	1·8	3·3	−1·5	10	−19	85	+ 6	·545	+·025	3·9	+1·7	4	1·90	+2·10	1·64	0·66	+0·98	2·12	2·19	−0·07	0·66	Bhamo.
30			1						E		2·0			3		79		·503		4·8		4			0·71	0·92	−0·21	3·10	2·90	+0·20	0·33	Myitkyina.
																																II.—Eastern Bengal and Assam.
22		3	4	2					N 84° E		1·3			23		83		·513		6·0		14	10·00	+4·00	3·12	5·34	−2·22	8·33	10·23	−0·90	0·38	Dibrugarh.
7	8	10		3		2		1	N 30° E	N 51° E	2·6	3·0	−0·4	46	− 4	90	− 3	·530	−·026	6·4	+0·2	11	9·80	+1·20	5·98	5·11	+0·87	11·49	8·97	+2·52	1·40	Sibsagar.
13		13	5						N 57° E		5·0			53		85		·524		4·4		6	5·50	+0·50	2·26	2·68	−0·42	5·17	3·63	+0·54	0·87	Tezpur.
10	1	6	2	3	3	5	1		S 48° E		3·2			17		78		·510		3·7		4	5·40	−1·40	1·07	2·82	−1·75	2·65	4·43	−1·78	0·61	Gauhati.
1	8	11	2		6	1	1		N 84° E	N 72° E	6·5*	6·3	+0·2	43	− 4	75	0	·514	−·010	2·3	−0·3	2	2·40	−0·40	0·93	1·83	−0·90	1·49	2·86	−1·37	0·60	Dhubri.
15	1	14		1					N 46° E	S 83° E	2·5	3·0	−0·5	43	+33	85	+ 3	·578	−·009	2·8	−2·1	11	10·80	+0·20	9·01	8·61	+0·40	14·63	12·10	+2·53	3·25	Silchar.
	2	4	12	10		2		1	S 68° E		4·3			78		84		·707		2·4		5			4·84			5·10			1·22	Cox's Bazar.
5	1	5	2	18		1		1	S 66° E	N 87° E	4·1	5·5	−1·4	53	− 1	79	− 4	·655	−·035	2·7	−0·5	3	2·77	+0·23	1·80	2·74	−0·94	2·14	4·87	−2·73	0·74	Chittagong.
2	2	4	2	5	4	4	6	2	S 76° W		3·2			13		84		·690		3·0		3	3·26	−0·26	1·91	2·75	−0·84	2·10	4·57	−2·47	0·95	Noakhali.
11	5	1		3	4	3	1	3	S 80° W	S 18° W	1·8	3·7	−1·9	8	− 5	80	− 5	·684	−·070	3·7	−0·2	6	3·03	+2·97	3·96	1·95	+2·00	4·38	4·27	+0·11	1·22	Barisal.
16	1			11	2			1	S 41° E		2·5			32		82		·671		2·6		7	3·93	+3·07	3·80	2·74	+1·06	4·99	4·47	+0·52	0·92	Comilla.
7	2	2	2	3	3	5	4	2	S 33° W	S 13° W	3·8	5·0	−1·2	17	−22	79	− 4	·638	−·059	5·2	+1·0	5	3·18	+1·82	4·49	2·75	+1·74	5·10	4·57	+0·53	1·78	Narayanganj.
7	6		1	4	8	3	1	1	S		2·5			19		77		·607		4·5		5	3·50	+1·50	1·82	2·30	−0·68	1·75	4·19	−2·44	0·52	Faridpur.
9		2	6	3	4	4	2	1	S 30° E		3·5*			29		76		·544		4·2		3	2·20	+0·80	0·84	1·26	−0·42	0·85	2·75	−1·90	0·32	Sirajganj.
14			8	5	[illegible]		1	1	S 64° E	S 76° E	1·7	3·2	−1·5	37	−24	72	− 9	·570	−·040	3·4	−0·2	2	3·52	−1·52	0·88	2·03	−1·15	1·40	3·61	−2·21	0·52	Mymensingh.
19	1		5	1	2	1	4		S 50° E	S 53° E	1·6	3·6	−2·0	17	− 7	66	− 8	·489	−·073	3·3	+0·9	2	1·74	+0·26	0·50	1·32	−0·83	0·50	2·77	−2·27	0·21	Bogra.
25		4			1	2	1	1	S 63° W		1·0			6		70		·544		2·2		2	1·68	+0·32	0·73	1·15	−0·42	0·73	2·40	−1·67	0·25	Rampur Boalia.
2		6	1	3	6	7	3	3	S 23° W		4·8*			26		73		·532		1·3		3	1·10	+1·90	0·73	0·82	−0·09	0·73	2·49	−1·76	0·35	Malda.
2		4	8	2	4	5	5	1	S 29° E	S 14° W	3·7	4·9	−1·2	20	+17	75	+ 9	·507	+·031	2·7	+0·8	2	1·19	+0·81	1·08	0·67	+0·39	1·66	1·59	+0·07	0·70	Dinajpur.
2	1	6	7	2	4	5	3	1	S 59° E		3·7			19		72		·499		3·9		2	1·68	+0·32	0·72	1·16	−0·44	1·10	2·17	−1·07	0·46	Rangpur.

* Uncorrected for scale error.

(a) Indeterminate.

Table

(2) *Abstract of observations taken at 8 hrs. at 237 stations*

Number of subdivision.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	II.—Eastern Bengal and Assam—*concld.*																						
5	Jalpaiguri	283	29·633	+·005	29·884	29·736	24th	29·524	21st	·212	66·2	82·8	−2·0	60·3	+0·6	71·6	−0·7	22·5	91·4	21st	52·9	3rd	38·5
	Cooch Behar	156	29·779		29·856	29·874	2nd	29·682	8th & 21st.	·192	66·7	82·1		61·1		71·4		21·0	89·8	21st	54·1	3rd	35·7
	III.—Bengal.																						
6	Saugor Island	25	29·901	−·001	29·871	30·002	24th	29·781	8th	·221	77·2	87·6	+0·4	73·8	−1·2	80·7	−0·4	13·8	92·0	22nd	66·0	3rd & 14th.	26·0
	Midnapore	149	29·784		29·883	29·889	24th	29·660	7th	·229	75·4	93·8		69·0		81·4		24·8	101·3	12th	62·7	24th	38·6
	Calcutta	21	29·914	+·009	29·882	30·010	24th	29·797	7th	·213	73·4	90·5	−0·3	68·9	−0·6	79·7	−0·5	21·6	96·4	2nd	58·5	24th	37·9
	Jessore	33	29·906	+·015	29·887	30·013	2nd	29·771	8th	·242	73·2	88·8	−3·6	65·8	−2·4	77·3	−3·0	23·0	94·5	28th	54·7	25th	39·8
	Krishnagar	47	29·889		29·885	29·999	2nd	29·769	7th	·230	71·6	89·4		64·8		77·1		24·6	94·9	20th	54·0	24th	40·9
	Burdwan	99	29·828	+·008	29·877	29·926	2nd	29·704	7th	·222	71·8	91·3	−2·4	67·1	−1·3	79·2	−1·9	24·2	97·4	27th & 31st.	59·8	22nd, 24th & 25th.	37·6
	Bankura	313	29·612		29·883	29·721	24th	29·486	7th	·235	73·2	91·6		67·0		79·3		24·6	99·1	12th	60·2	9th	38·9
	Raniganj	334	29·594		29·892	29·695	24th	29·459	7th	·236	70·6	90·9		65·4		78·1		25·5	98·5	12th	60·0	22nd	38·5
	Berhampore	67	29·867	+·020	29·885	29·961	2nd	29·745	7th	·216	70·0	88·3	−4·4	64·2	−1·5	76·3	−2·9	24·1	94·6	4 days	57·2	24th	37·4
	Naya Dumka	489	29·430		29·894	29·536	2nd	29·303	7th	·233	69·9	89·2		63·1		76·2		26·1	95·9	20th, 21st & 27th.	57·0	24th	38·9
7	Balasore	50	29·887	+·015	29·883	29·991	24th	29·772	7th	·219	75·3	90·6	−2·1	69·1	−0·5	79·9	−1·3	21·5	97·4	2nd	61·6	24th	35·8
	False Point	21	29·914	−·002	29·878	30·017	24th	29·798	8th	·219	78·6	86·5	−0·8	71·5	−0·7	79·0	−0·7	15·0	91·2	8th	63·1	2nd	28·1
	Cuttack	80	29·859	+·007	29·881	29·963	24th	29·755	7th	·208	76·1	94·5	−2·5	71·7	−0·8	83·1	−1·7	22·8	98·4	4 days	62·7	2nd	35·7
	Puri	24	29·916		29·879	30·021	24th	29·799	8th	·222	76·1	87·0		75·4		81·2		11·6	90·1	9th	67·1	14th	23·0
	Angul	155	29·478		29·901	29·579	24th	29·374	8th	·205	75·2	94·2		67·2		80·7		27·0	98·1	4 days	62·0	23rd	36·1
	Sambalpur	486	29·452	+·010	29·896	29·545	24th	29·361	7th & 13th.	·184	74·5	93·3	−3·4	65·9	−1·4	79·6	−2·4	27·4	99·1	20th	58·6	9th	40·5
8	Chaibassa	*733*	29·175	+·004	29·879	29·273	24th	29·057	7th	·216	69·9	92·4	−1·9	63·9	−2·3	78·2	−2·1	28·5	99·6	12th	56·8	24th	42·8
	Ranchi	2,128	27·787	+·011	29·875	27·875	24th	27·699	7th	·176	68·2	84·4	−3·2	61·6	−1·7	73·0	−2·5	22·8	94·2	12th	54·9	2nd	39·3
	Purulia	*816*	29·097†		29·892†	29·193	23rd	29·016	7th & 8th.	·177	66·3	91·3		63·3		77·3		28·0	97·5	11th, 13th & 31st.	58·1	22nd	39·4
	Hazaribagh	2,007	27·893	+·001	29·866	27·981	24th	27·802	8th	·179	69·9	81·1	−4·5	58·7	−5·1	71·4	−4·8	25·4	94·6	12th	52·3	3rd	42·3
	Daltonganj	*730*	29·206?		29·922?	29·303	24th	29·122	10th	·181	65·6	89·1		59·4		74·2		29·7	99·6	27th	52·5	23rd	47·1
9	Purnea	134	29·791	+·022	29·864	29·900	24th	29·689	7th	·211	68·1	86·0	−3·9	60·1	−0·3	73·1	−2·1	25·9	95·1	21st	52·2	9th & 23rd,	42·9
	Bhagalpur	160	29·755		29·872	29·867	2nd	29·644	7th	·223	71·3	86·7		62·2		74·5		24·5	95·2	21st	55·3	9th	39·9
	Monghyr	155	29·763		29·874	29·895	2nd	29·662	8th	·233	71·3	85·5		63·2		74·4		22·3	92·7	21st	58·9	3rd, 16th & 24th.	33·8
	Darbhanga	165	29·750	+·017	29·875	29·849	2nd	29·645	7th	·204	68·1	84·1	−3·8	60·0	−2·9	72·0	−3·3	24·1	91·1	27th	52·3	23rd	38·8
	Pusa	188	29·727		29·876	29·825	24th	29·633	7th	·192	68·4	86·3		59·0		72·6		27·3	93·5	27th	50·1	24th	43·4
	Muzaffarpur	177	29·747		29·887	29·857	2nd	29·640	7th	·217	68·0	84·1		59·9		72·0		24·2	91·2	20th	52·5	24th	38·7
	Motihari	221	29·686		29·877	29·781	2nd	29·575	7th	·206	64·7	82·9		59·3		71·2		23·6	90·6	27th	53·3	9th	37·3
	Chapra	181	29·737		29·880	29·836	2nd	29·634	8th	·202	67·4	85·7		61·3		73·5		24·4	94·8	27th	55·3	24th	39·5
	Patna	183	29·733	+·009	29·877	29·833	24th	29·626	8th	·207	70·6	84·1	−6·8	63·0	−1·0	73·6	−3·9	21·1	91·5	27th	56·2	23rd	35·3
	Arrah	190	29·722		29·871	29·841	2nd	29·620	8th	·221	69·9	85·9		61·6		73·7		24·3	94·1	27th	55·3	24th	38·8
	Buxar	239	29·673		29·877	29·784	2nd	29·570	8th	·214	67·6	85·6		62·1		73·9		23·5	96·0	27th	57·1	4th, 23rd & 24th.	38·9
	Dehri	351	29·565		29·883	29·663	23rd & 24th.	29·469	8th	·194	69·5	87·6		64·1		75·9		23·5	97·3	27th	59·5	24th	37·8
	Gaya	372	29·547	+·005	29·884	29·638	23rd	29·443	8th	·195	70·4	87·6	−5·7	63·4	−2·7	75·5	−4·2	24·2	96·4	27th	58·2	23rd & 28th.	38·2
	IV.—United Provinces of Agra and Oudh.																						
10	Gorakhpur	257	29·649	+·022	29·873	29·773	2nd	29·523	8th	·250	67·4	83·9	−6·6	59·7	−2·8	71·8	−4·7	24·2	92·1	27th	55·8	4 days	36·3
	Benares	267	29·662	+·019	29·892	29·800	1st	29·559	8th	·241	69·4	86·2	−6·6	59·3	−2·5	72·7	−4·5	26·9	97·1	27th	50·1	2nd	47·0
	Allahabad	309	29·604	−·001	29·879	29·721	1st	29·500	11th	·221	69·1	86·6	−6·4	60·2	−1·9	73·4	−4·1	26·4	99·1	27th	53·5	23rd	45·6

N.B.—Elevations in italics indicate barometrical determinations.

† Mean of 29 days.

NOTE.—The barometric readings are not reduced to sea-level, in the cases of hill or plateau stations, the elevations of which exceed 3,200 feet.

B—*continued.*

stations in India, etc., in March, 1911—continued.

Wind direction. Number of winds from: Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Resultant direction.	Normal direction.	Wind velocity. Mean velocity, miles per hour.	Normal.	Departure from normal.	Wind steadiness. Actual percentage.	Departure from normal.	Hygrometry, 8 hrs. Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs. in inches of mercury.	Departure from normal, in inches of mercury.	Cloud. Mean cloud amount at 8 hrs.	Departure from normal.	Rainfall. Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st Dec., 1910, to 31st March, 1911.	Normal rainfall for period, 1st Dec. to 31st March.	Departure from normal of period, 1st Dec., 1910 to 31st March, 1911.	Heaviest rainfall during month.	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	54	55	56	57
																																II.—Eastern Bengal and Assam—*concld.*
13		3	6	5			2	2	E	N 75° E	2·4			27	−14	77	+ 2	·497	−·006	2·7	+0·8	4	2·10	+1·90	1·84	1·23	+ 0·61	2·93	2·22	+0·71	0·93	Jalpaiguri.
8	1	4	15		1	1	1		N 83° E		2·1			52		78		·508		2·8		4	2·41	+1·59	3·38	1·66	+ 1·42	4·72	2·59	+2·13	1·58	Cooch Behar.
																																III.—Bengal.
	4	4	1	1	8	10	1	2	S 34° W	S 49° W	13·7	13·1	+0·6	30	− 9	79	− 4	·740	−·071	3·7	−0·6	2	1·81	+0·19	1·13	1·33	−0·20	1·24	2·99	−1·75	0·85	Saugor Island.
					9	2		2	N 22° E		3·9			19		61		·529		2·6		4	2·59	+1·41	1·34	1·67	−0·33	1·34	3·51	−2·17	0·72	Midnapore.
2	10	5	1					5	S 28° E	S 42° W	4·9*	4·9	0	10	−37	79	− 2	·658	−·048	3·0	+0·1	3	2·00	+1·00	1·95	1·19	+0·76	2·02	2·73	−0·71	1·01	Calcutta.
2	1	5	5	1	6	6			S 54° E	S 32° W	5·1§	2·9	+2·2	10	−19	75	− 5	·627	−·074	4·6	+0·8	4	3·13	+0·87	2·07	1·93	+0·14	2·84	3·73	−0·89	0·76	Jessore.
17	1	4	1	2	3	2	1		S 34° W		1·9			13		79		·623		4·1		3	1·97	+1·03	2·07	1·11	+0·96	2·10	2·74	−0·64	1·37	Krisnnagar.
18		2	1	1	3	2	3	1	S 34° W		1·9			13		79		·623		4·1		3	1·97	+1·03	2·07	1·11	+0·96	2·10	2·74	−0·64	1·37	Burdwan.
12	3	1	1		1	4	5	4	N 72° W	S 58° W	2·4	3·1	−0·7	30	− 7	73	+ 9	·577	+·024	4·1	+1·3	4	2·16	+1·84	1·29	1·34	−0·05	1·30	2·66	−1·36	0·36	Bankura.
26		1					1	3	N 36° W		3·5			13		55		·452		0·5		4	1·76	+2·24	0·93	1·30	−0·34	0·99	2·80	−1·81	0·45	Raniganj.
24	2			1			1	3	N 34° W		2·3			13		61		·457		1·6		3	1·48	+1·52	1·36	0·76	+0·60	1·36	2·32	−0·96	0·80	Raniganj.
12	2		3	3	4	6	1		S 1° W	S 42° W	2·6	3·3	−0·7	27	−16	73	+ 1	·538	−·028	4·0	+1·3	4	1·73	+2·27	1·07	0·97	+0·10	1·07	2·46	−1·39	0·49	Berhampore.
							2		S 45° W		2·5			3		59		·429		1·4		2	1·41	+0·59	1·15	0·81	+0·34	1·15	2·26	−1·11	0·71	Naya Dumka.
28				1					N 81° W	S 61° W	3·0	5·8	−2·8	30	− 6	73	− 6	·631	−·076	3·1	−0·5	4	2·87	+1·13	2·71	1·82	+0·89	2·76	3·47	−0·71	1·95	Balasore.
4	6	3			3	10	1	4	S 69° W	S 70° W	9·9	10·8	−0·9	62	+ 8	84	− 2	·816	−·012	5·3	+1·1	1	1·48	−0·48	0·22	1·15	−0·93	0·86	3·25	−2·39	0·22	False Point.
3	3				1	16	5	3	S 37° W	S 50° W	2·7*	3·3	−0·6	17	−12	84	+ 6	·763	+·049	3·2	+0·3	3	1·77	+1·23	4·93	1·23	+3·76	5·11	2·12	+2·99	3·90	Cuttack.
23			1		2	3	2		S 49° W		11·0			74		82		·820		3·2		0	1·05	−1·05	0·02	0·65	−0·63	0·12	2·55	−2·43	0·02	Pori
3	2	2				25			N 4° W		5·3			12		72		·635		2·4		2			2·37			2·70			1·36	Angul.
7	1	4		2	1	1	4	11	N 44° E	N 46° E	2·7‡	3·1	−0·4	43	− 3	55	0	·471	−·011	1·6	−0·2	3	1·80	+1·20	1·12	1·07	+0·05	1·12	2·10	−0·98	0·58	Sambalpur.
4	2	9	6	2	1	1	1	5	S 59° W	S 69° W	3·0	1·7	+1·3	43	− 8	66	+ 3	·483	+·022	1·5	−0·4	4	2·19	+1·81	1·57	1·05	+0·52	1·57	2·55	−0·98	0·77	Chaibassa.
8	1	1	1			13	5	2	N 62° W	N 86° W	7·8‡	6·5	+1·3	37	− 6	50	+ 5	·339	+·023	1·4	−0·2	4	2·58	+1·42	2·10	1·37	+0·73	2·10	3·11	−1·01	0·59	Ranchi.
10	3		1	2		2	6	7	N 69° W		3·3			45		67		·432		1·1		5	2·17	+2·83	1·60	1·01	+0·59	1·60	2·65	−1·05	0·80	Purulia.
13	1	1				1	9	6	S 66° W	S 86° W	7·4	8·1	−0·7	37	−15	43	+ 2	·295	−·019	1·5	−0·8	3	1·81	+1·19	1·60	0·80	+0·80	1·60	2·23	−0·63	0·96	Hazaribagh.
	3	2	1	1	8	5	6	5	S 56° E		4·9			10		66		·415		1·7		4	1·67	+2·33	1·37	0·63	+0·74	1·57	2·21	−0·64	0·45	Daltonganj.
17	2	1	3	4		3	1		N 48° W	N 45° E	3·3	4·0	−0·7	13	+ 9	73	+ 4	·493	+·021	1·6	+0·2	4	0·83	+3·17	1·05	0·44	+0·61	1·55	1·57	−0·02	0·39	Purnea.
11	1	4	2	1		5	2	5	S 45° W		4·4			3		61		·455		1·9		3	0·84	+2·16	0·90	0·44	+0·46	0·94	1·74	−0·78	0·30	Bhagalpur.
22		1	2	1		2	3		S 84° W		6·9			32		69		·531		1·6		3			1·27			1·74			0·71	Monghyr.
	1	1	5	3	1	3	14	3	S 21° W	S 82° W	3·6	4·5	−0·9	27	+ 3	70	+ 9	·475	+·036	2·1	+0·8	2	0·83	+1·17	1·37	0·46	+0·91	1·78	1·66	+0·12	1·06	Darbhanga.
1		3	7	2	2	9	6	1	S 27° W†		4·8			39		66		·453		1·5		2			0·57			0·84			0·33	Pusa.
5		2	1	5	2	9	4	1	S 53° W		4·7*			16		68		·463		0·9		1	0·97	+0·03	0·36	0·43	+0·57	1·16	1·76	−0·60	0·77	Muzaffarpur
14			3	3		4	5	2	W		0·9			3		76		·463		2·1		2	0·17	+1·23	1·47	0·49	+0·98	2·18	1·59	+0·59	1·14	Motihari.
30							1		?		P					72‡		·482‡		2·7		2	0·71	+1·29	0·99	0·38	+0·50	1·31	1·70	−0·39	0·60	Chapra.
2			6	1	7	7	8		S 26° W	S 63° E	6·0	3·9	+2·1	46	+17	61	+11	·456	+·059	1·8	0	3	0·74	+2·26	0·82	0·39	+0·43	0·97	1·65	−0·68	0·44	Patna.
7	1		3		5	2	13		S 56° W		8·9			39		59		·427		2·1		4	0·81	+3·19	1·06	0·47	+0·59	1·17	2·09	−0·92	0·47	Arrah.
2		2	3	3	3	9	7	2	S 42° W		6·7			39		63		·418		2·9		4	0·87	+3·13	1·37	0·28	+1·09	2·24	1·73	+0·46	0·77	Buxar.
14				1		12	3	1	S 51° W		2·7			45		58		·414		1·2		5	1·00	+4·00	1·55	0·53	+1·02	2·02	1·96	+0·06	0·50	Dehri.
19				2	4	3	3		S 27° W	S 37° W	3·2	4·2	−1·0	30	−10	64	+11	·477	+·039	2·2	+0·1	4	1·03	+2·97	1·36	0·55	+0·81	1·46	1·94	−0·48	0·54	Gaya.
																																IV.—United Provinces of Agra and Oudh.
15	1	4		1		1	6	3	N 49° W	N 72° W	2·2	3·2	−1·0	27	− 9	64	+ 7	·424	+·012	1·9	+0·5	2	0·70	+1·30	1·75	0·33	+1·42	2·86	1·72	+1·14	1·17	Gorakhpur.
5	1		2	3	2	11	4	3	S 48° W	S 54° W	3·5	4·7	−1·2	46	− 1	65	+ 7	·457	+·035	2·8	+0·8	4	0·80	+3·20	2·17	0·25	+1·92	2·43	1·59	+0·84	0·98	Benares.
5		3	2	2	1	5	10	3	S 81° W	S 85° W	4·3	5·1	−0·8		− 6	58	+11	·402	+·033	3·7	+1·7	4	0·60	+3·40	1·57	0·23	+1·31	2·43	1·73	+0·70	0·51	Allahabad

* Uncorrected for scale error.

‡ Mean of 30 days.
§ „ „ 24 „

Table

(2) *Abstract of observations taken at 8 hrs. at 237 stations*

Number of subdivision.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	IV.—United Provinces of Agra and Oudh—*concld.*																						
10	Cawnpore	416	29·498	+·020	29·885	29·605	24th	29·387	11th	·218	67·2	85·9	−4·9	59·3	−1·1	72·6	−3·0	26·6	96·2	27th & 31st	52·4	2nd & 8th	43·8
	Lucknow	368	29·556	+·027	29·895	29·663	24th	29·436	8th	·227	67·9	85·6	−5·9	58·9	−1·4	72·2	−3·7	26·7	97·0	27th	52·6	23rd	44·4
	Bahraich	401	29·504	+·028	29·892	29·606	2nd	29·370	8th	·236	65·0	82·8	−6·2	57·7	−1·1	70·2	−3·7	25·1	91·6	26th	51·0	16th	40·6
11	Jhansi	824	29·111	−·001	29·914	29·256	21st	28·990	9th	·266	69·4	86·0	−5·1	61·3	−5·0	74·7	−5·1	26·7	99·5	27th	53·0	2nd	46·5
	Agra	556	29·369	+·006	29·903	29·478	21st	29·249	9th	·229	68·12	84·6	−6·5	60·3	−2·4	72·4	−4·5	24·3	96·0	26th & 31st.	53·0	15th	43·0
	Mainpuri	516	29·402	+·026	29·898	29·501	15th	29·296	8th & 9th.	·205	64·5	84·1	−5·6	57·9	−0·8	71·0	−3·2	26·2	96·8	31st	51·1	2nd & 23rd.	45·7
	Bareilly	568	29·321	+·007	29·874	29·432	24th	29·200	8th	·233	63·5	79·9	−7·6	56·8	−2·2	68·3	−4·9	23·1	91·5	26th	51·0	8th & 16th.	40·5
	Meerut	733	29·186	+·031	29·915	29·296	15th	29·073	7th	·223	62·5	79·3	−7·3	54·5	−3·2	66·9	−5·3	24·8	91·1	30th & 31st.	47·8	8th	43·3
	Roorkee	899	29·013	+·035	29·920	29·132	20th	28·883	7th	·249	60·7	76·6	−8·8	53·7	−2·4	65·2	−5·6	22·9	88·0	30th	48·4	23rd	39·6
	Dehra Dun	2,233	27·654	+·003	29·903	27·761	20th	27·524	8th	·237	58·7	73·1	−6·6	52·2	−2·8	62·7	−4·7	20·9	84·0	30th	45·0	21st	39·0
	V.—Punjab.																						
12	Delhi	718	29·194	+·014	29·906	29·326	20th	29·077	9th	·249	63·7	79·9	−7·5	58·9	−3·3	69·4	−5·4	21·0	92·0	31st	51·2	15th	40·8
	Sirsa	662	29·254	+·014	29·915	29·424	20th	29·103	17th	·321	60·7	79·5	−9·1	55·0	−2·2	67·3	−5·7	24·5	92·8	31st	48·5	21st	44·3
	Patiala	*818*	29·060		29·884	29·205	21th	28·935	17th	·270	61·3	75·9		54·7		65·3		21·2	89·6	31st	49·4	11th	40·2
	Ambala	892	28·995P	+·014P	29·897P	29·144	20th	28·862	8th	·282	60·0	78·1	−5·8	54·4	−2·7	66·3	−4·3	23·7	91·5	31st	47·9	15th & 23rd.	43·6
	Ludhiana	812	29·095	+·020	29·914	29·261	20th	28·975	10th	·286	60·5	75·9	−8·5	55·6	−1·9	65·8	−5·2	20·3	90·0	31st	49·0	8th & 21st.	41·0
	Lahore	702	29·203	+·006	29·911	29·376	20th & 21st.	29·047	10th	·329	60·1	76·2	−8·9	54·7	+0·5	65·6	−4·2	21·5	85·4	31st	45·2	8th	47·2
	Sialkot	830	29·082	+·021	29·929	29·241	21st	28·936	11th	·305	57·9	73·0	−8·7	52·0	−3·6	62·5	−6·1	21·0	84·0	31st	44·5	8th, 21st & 22nd.	39·5
	Rawalpindi	1,674	28·228	+·001	29·952	28·405	21st	28·015	11th	·390	51·8	67·3	−9·2	48·5	−2·2	57·9	−5·7	18·8	78·9	31st	40·9	21st	38·0
13	Khushab	612	29·308	+·018	29·924	29·503	21st	29·131	17th	·372	60·2	75·1	−5·5P	55·7	−1·1	65·4	−3·3P	19·4	87·9	26th	47·4	19th	40·5
	Montgomery	558	29·355	+·010	29·910	29·548	21st	29·180	10th	·368	61·9	77·6	−8·1	51·5	−1·4	66·0	−4·3	23·1	88·4	25th	46·5	19th	41·9
	Multan	420	29·509	+·001	29·915	29·690	21st	29·329	9th	·361	62·3	78·4	−8·1	57·9	−0·5	68·1	−4·3	20·5	90·3	29th	51·0	19th & 20th.	39·3
	VI.—North-West Frontier Province.																						
15	Peshawar	1,113	28·830	−·012	29·981	29·032	21st	28·585	11th	·447	54·8	67·7	−8·4	50·8	−1·1	59·2	−4·7	16·9	79·2	25th	41·9	19th	37·3
	D. I. Khan	590	29·339	−·018	29·933	29·541	21st	29·134	11th	·407	59·3	73·2	−10·3	54·7	−0·8	64·0	−5·5	18·5	83·9	26th	47·1	19th	36·8
	VII.—Sind.																						
17	Jacobabad	186	29·729	−·011	29·883	29·957	20th	29·543	11th	·414	66·2	84·2	−6·9	57·7	−1·9	71·0	−4·4	26·5	97·1	29th	46·8	20th	50·3
	Hyderabad	96	29·842	−·005	29·893	30·057	21st	29·698	8th	·359	68·1	85·1	−8·0	62·3	−1·9	73·7	−4·9	22·8	96·0	31st	52·0	20th	44·0
	Karachi	13	29·950	−·003	29·915	30·153	21st	29·771	10th	·382	70·4	79·0	−3·0	66·6	−1·4	72·8	−2·2	12·4	84·0	23rd	58·0	20th	26·0
	VIII.—Rajputana.																						
18	Bikaner	*771*	29·124	−·008	29·885	29·328	20th & 21st.	28·934	9th	·394	66·1	83·0	−6·3	60·2	−4·5	71·6	−5·4	22·8	97·5	31st	53·0	20th	44·5
	Jodhpur	780	29·145	−·002	29·908	29·350	21st	28·993	9th	·357	68·1	85·5	−5·4	61·2	−2·1	73·4	−3·7	24·3	98·5	31st	54·3	3rd	44·2
19	Jaipur	1,431	28·489	−·005	29·911	28·643	21st	28·331	9th	·302	67·7	84·4	−5·3	59·2	−1·6	71·8	−3·5	25·2	96·2	30th & 31st.	50·1	2nd	46·1
	Sambhar	1,254	28·670	+·011	29·922	28·829	21st	28·510	17th	·319	64·6	85·2	−3·5	56·5	−2·5	70·8	−3·0	28·9	96·4	26th	30th	2nd	49·5
	Ajmer	1,611	28·324	−·004	29·930	28·488	21st	28·178	17th	·310	65·2	82·2	−6·9	60·4	+0·7	71·3	−3·1	21·8	92·9	30th & 31st.	54·2	22nd	38·7
	Kotah	819?	29·092P	−·011P	29·887P	29·235	21st	28·954	10th	·281	71·4	88·2	−4·6	61·0	−2·4	76·1	−3·5	24·2	100·0	26th	56·1	21st	43·9
	Udaipur	1,925	28·012	−·016	29·912	28·158	21st	27·902	17th	·256	68·6	85·1	−4·0	58·3‡	−2·4‡	71·7‡	−3·2	26·8	96·5	31st	51·3	2nd & 7th.	45·2
	IX.—Bombay.																						
20	Deesa	466	29·480	0	29·912	29·634	20th	29·349	10th	·285	70·3	90·5	−5·6	61·6	−2·2	76·1	−3·9	28·9	102·2	31st	53·9	2nd	48·4
	Bhuj	395	29·561	+·007	29·922	29·731	20th	29·443	11th	·288	70·3	87·9	−6·0	63·8	−1·6	75·8	−3·8	24·1	98·5	31st	57·0	20th	41·5

N.B.—Elevations in italics indicate barometrical determinations.
NOTE.—The barometric readings are not reduced to sea-level in the cases of hill or plateau stations, the elevations of which exceed 3,000 feet.

‡ Mean of 30 days.

B—continued.

in India, etc., in March, 1911—continued.

Wind direction. Number of winds from Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Resultant direction.	Normal direction.	Wind velocity. Mean velocity, miles per hour.	Normal.	Departure from normal.	Wind steadiness. Actual percentage.	Departure from normal.	Hygrometry, 8 hrs. Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs. in inches of mercury.	Departure from normal in inches of mercury.	Cloud. Mean cloud amount at 8 hrs.	Departure from normal.	Rainfall. Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st Dec., 1910, to 31st March, 1911.	Normal rainfall for period, 1st Dec. to 31st March.	Departure from normal of period, 1st Dec., 1910, to 31st March, 1911.	Heaviest rainfall during month.	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	54	55	56	57
																																IV.—United Provinces of Agra and Oudh—*concld.*
11	2	5	2	1		3	4	3	N 23° W	S 89° W	4·2	4·3	−0·1	20	−16	59	+13	·387	+·032	1·3	0	3	0·70	+2·30	0·81	0·26	+ 0·55	1·58	1·59	− 0·01	0·49	Cawnpore.
17	2		1	2	2		5	2	W	N 80° W	3·4	3·8	−0·4	13	−30	63	+ 7	·404	+·018	3·1	+1·0	4	0·90	+3·10	1·02	0·33	+ 0·69	3·50	2·11	+ 1·39	0·35	Lucknow.
4	7	2	3	2	1	1	5	6	N 23° W	N 51° W	3·7	3·6	+0·1	33	+ 5	76	+14	·467	+·032	3·1	+1·1	1	1·00	0	0·53	0·57	− 0·04	5·41	2·84	+2·57	0·25	Bahraich.
5	2	2	1	2		7	4	8	N 75° W	S 81° W	4·7	3·0	+1·7	37	+ 5	48	+10	·335	+·021	3·8	+2·5	2	0·50	+1·50	0·71	0·26	+ 0·45	1·44	1·53	−0·09	0·50	Jhansi.
9	2		6	5	1	1	4	3	S 68° E	N 66° W	5·9	4·8	+1·1	10	−33	56	+ 8	·382	+·040	3·1	+0·9	0	0·80	−0·80	0·37	0·26	+ 0·11	1·51	1·37	+0·14	0·09	Agra.
3	4	2	2	1	3	7	5	4	S 87° W	N 63° W	2·7	2·5	+0·2	28	− 4	66	+15	·393	+·041	1·1	−1·4	5	0·50	+4·50	1·40	0·04	+ 1·36	3·30	2·07	+1·23	0·70	Mainpuri.
30							1		W	N 43° W	0·3	3·7	−3·4	3	−33	73	+15	·426	+·053	3·6	+1·4	4	1·82	+2·18	1·88	0·76	+ 1·12	7·06	2·88	+4·18	0·78	Bareilly.
4	9	2	4		1		7	4	N 20° W	N 86° W	5·0	2·8	+2·2	43	− 4	68	+12	·387	+·040	3·2	+0·9	5	1·40	+3·60	1·55	0·63	+ 0·92	6·26	3·36	+2·90	0·67	Meerut.
25				2				4	N 45° W	N 41° W	2·9	3·0	−0·1	3	−12	75	+13	·397	+·045	2·8	+0·4	6	1·90	+4·10	3·02	0·69	+ 2·33	9·63	4·30	+5·33	1·15	Roorkee.
31									(a)	N 5° W	2·1*	2·1	0			70	+13	·344	+·026	4·1	+1·5	10	2·60	+7·40	7·18	0·94	+ 6·24	17·05	6·33	+10·72	2·33	Dehra Dun.
																																V.—Punjab.
4	4	4	2	2	1	1	9	4	N 44° W	N 87° W	4·9	3·9	+1·0	30	−20	72	+23	·417	+·094	3·0	0	5	1·50	+3·50	1·13	0·50	+ 0·63	3·45	2·97	+0·48	0·56	Delhi.
11	3	3	5		1	1	5	2	N	N 24° W	5·7	4·7	+1·0	15	+11	74	+17	·391	+·037	3·7	+0·5	6	1·10	+4·90	2·90	0·32	+ 2·58	4·92	1·80	+3·12	0·84	Sirsa.
4	2	2	6	4			4	8	N 1° W		7·5			22		74		·404		2·3		7			3·35			8·93			1·06	Patiala.
7	4		4	2	1	1	1	11	N 25° W	N 37° W	6·1	3·2	+2·9	33	+ 9	77	+14	·399	+·012	3·9	+1·9	9	1·40	+7·60	3·32	0·37	+ 2·95	9·45	5·22	+4·23	1·00	Ambala.
21	2	2		1	1		2	2	N 22° W	N 31° W	1·2	2·2	−1·0	10	−12	76	+13	·396	+·025	3·5	−0·3	7	1·70	+5·30	4·11	0·79	+ 3·32	12·73	4·71	+8·02	1·64	Ludhiana.
11	2	1	4	5	1		2	5	N 57° E	N 10° W	3·3	2·9	+0·4	10	− 8	79	+14	·413	+·039	4·6	+1·2	6	1·70	+4·30	4·01	0·65	+ 3·36	6·90	3·25	+3·65	1·97	Lahore.
9	4	5	6	2		2	2	1	N 55° E	N 7° E	2·5	2·1	+0·4	33	+ 4	86	+19	·415	+·032	4·6	+1·8	10	2·90	+7·10	7·38	1·14	+ 6·24	12·76	5·97	+6·79	1·55	Sialkot.
13	6	1	3	1	1	3	2	1	N 7° W	N 39° W	3·2	2·9	+0·3	12	−14	77	+ 5	·332	−·007	5·9	+1·8	9	4·20	+4·80	11·35	1·89	+ 9·46	22·05	7·81	+14·44	3·21	Rawalpindi.
2	1	9	8	3	3	4	1		S 87° E	N 22° E	5·8	5·1	+0·7	43	+21	76	+18	·395	+·058	6·4	+3·6	5	1·70	+3·30	6·13	1·13	+ 5·00	9·30	3·18	+6·12	2·00	Khushab.
3	3	6	7	5	2	1	3	1	N 81° E	N 53° E	6·8	5·4	+1·4	33	+11	71	+19	·387	+·060	3·9	+1·5	5	1·20	+3·80	1·78	0·35	+ 1·43	2·65	2·28	+0·37	0·50	Montgomery.
20	8	3							N 12° E	N 50° E	1·2	1·9	−0·7	33	+ 8	74	+15	·407	+·038	3·8	+2·0	5	1·20	+3·80	2·81	0·39	+2·42	3·39	1·46	+1·93	1·40	Multan.
																																VI.—North-West Frontier Province.
16	1				2	4	7	1	S 74° W	S 27° W	2·7	3·6	−0·9	37	+12	81	+ 9	·317	−·012	6·1	+1·3	12	3·90	+8·10	7·52	2·04	+5·48	11·85	5·19	+6·66	2·06	Peshawar.
14	5	6		2			1	3	N 14° E	N 13° W	1·5	2·1	−0·6	33	+ 1	86	+21	·432	+·070	4·4	+1·2	9	2·50	+6·50	6·73	0·89	+5·84	7·56	2·33	+5·23	2·10	D. I. Khan.
																																VII.—Sind.
13	2	7	2	4			1	2	N 53° E	N 23° E	4·5	3·9	+0·6	27	+ 2	61	+20	·389	+·096	3·0	+0·2	3	0·70	+2·30	0·94	0·15	+0·79	1·21	0·85	+0·36	0·40	Jacobabad.
9	3			1	8	8		2	S 33° W	S 83° W	6·1	8·4	−2·3	40	+12	69	+20	·470	+·087	4·4	+2·0	4	0·30	+3·70	3·63	0·16	+3·47	3·76	0·67	+3·09	2·20	Hyderabad.
4		9	1	1	1	2	11	2	N 51° W	N 32° W	12·4	11·4	+1·0	27	− 9	76	− 3	·564	−·016	3·4	+1·1	6	0·50	+5·50	3·83	0·19	+3·64	4·45	1·29	+3·16	1·83	Karachi.
																																VIII.—Rajputana.
5	1		1	8	7	4	3	2	S 3° W	S 46° W	6·0	5·3	+0·7	43	+32	55	+15	·343	+·054	3·7	+0·7	3	0·50	+2·50	2·72	0·19	+ 2·53	2·92	1·01	+1·91	1·73	Bikaner.
6	4	10	1	2	4	3	1		N 13° E		3·9			23		49	+14	·328	+·001	3·9		3	0·20	+2·80	1·35	0·01	+ 1·34	1·42	0·50	+0·92	0·58	Jodhpur.
8	4	6	5	3	2	2	1		N 72° E	N 29° W	4·5*	4·5	0	30	−10	52	+ 8	·340	+·040	4·0	+1·4	5	0·70	+4·30	1·82	0·34	+ 1·48	2·53	1·30	+1·23	0·61	Jaipur.
28	1	1	1	1	1				E	N 11° W	4·7	5·7	−1·0	8	−14	56	+11	·324	−·003	3·5	+1·1	2	0·80	+1·20	0·38	0·28	+ 0·10	0·81	1·20	−0·39	0·18	Sambhar.
12		5		5		5	4		S 8° W	S 63° W	5·6	4·1	+1·5	10	− 1	56	+ 8	·353	+·016	4·1	+2·0	2	0·60	+1·40	0·48	0·16	+ 0·32	0·62	1·11	−0·49	0·19	Ajmer.
21	3			2		2	3		N 53° W		3·0			17		52	+19	·390		2·7		1	0·40	+0·60	0·37	0·10	+ 0·27	0·79	0·82	−0·03	0·15	Kotah.
18		3	1			5	3		N 67° W		3·3			10		53	+ 7	·375		3·4		1	0·30	+0·70	0·57	0·09	+ 0·48	0·62	0·51	+0·11	0·53	Udaipur.
																																IX.—Bombay.
																53	+16	·392	+·080	3·1	+1·0	3	0·18	+2·82	1·49	0·05	+ 1·44	1·49	0·32	+1·16	0·95	Deesa.
1	2	1	2		1	4	9	11	N 69° W	N 60° W	8·1	8·8	−0·7	59	− 6	73	+18	·537	+·057	4·7	+2·7	2	0·10	+1·90	1·39	0·06	+1·33	1·49	0·29	+1·20	0·97	Bhuj.

(a) Indeterminate.

* Uncorrected for scale error.

Table

(2) *Abstract of observations taken at 8 hrs. at 237 stations*

Number of subdivision.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	IX.—Bombay—*concld.*																						
20	Jamnagar	61	29·933		29·939	30·065	20th	29·796	11th	·269	74·3	87·9		62·5		75·2		25·4	97·4	31st	57·3	23rd	40·1
	Dwarka	37	29·948		29·932	30·084	20th	29·816	11th	·268	74·7	79·8		70·4		75·1		9·4	88·3	23rd	62·2	20th & 2nd.	26·1
	Rajkot	429	29·534	+·006	29·923	29·657	20th	29·410	11th	·247	70·5	89·9	−5·7	61·3	−1·1	75·6	−3·4	28·6	100·1	31st	53·5	15th & 21st.	46·6
	Veraval	*18*	29·956	+·021	29·917	30·070	20th	29·854	11th	216	73·3	82·7	−3·6	65·7	+0·8	74·2	−1·4	17·0	95·6	30th	60·3	24th	35·3
	Bhavnagar Para	55	29·929	+·003	29·928	30·034	20th	29·825	10th	·209	73·1	92·1	−1·6?	64·7	−2·0	78·4	−1·8?	27·4	102·1	31st	54·0	21st	48·1
	Surat	89	29·930	−·002	29·913	30·025	20th	29·840	8th	·185	73·9	91·1	−5·5	65·6	−0·4	78·3	−2·9	25·5	104·1	1st	59·6	20th	44·5
	Ahmedabad	163	29·789	−·002	29·905	29·9.7	21st	29·679	10th	·238	72·5	93·2	−3·8	64·4	−3·4	78·8	−3·6	28·8	105·6	31st	57·2	13th	48·4
26	Bombay	37	29·938	+·007	29·915	30·017	1st	29·868	8th	·148	75·9	85·9	+0·2	72·8	−0·6	79·3	−0·2	13·1	90·0	16th	69·5	29th	20·5
	Ratnagiri	110	29·642	+·002	29·891	29·915	18th	29·795	8th	·120	77·2	85·9	−1·9	70·3	−2·1	78·1	−2·0	15·6	88·8	16th & 29th.	64·4	2nd	24·4
	Goa	199	?	?	?	?		?		?	75·1	83·6	−3·7	72·8	−1·4	78·2	−2·5	10·8	88·1	16th	66·1	1st	22·0
	Mormugao	*60*	29·903	+·014	29·898	29·976	17th	29·833	8th	·143	78·0	86·4	−0·5	72·8	−2·7	79·6	−1·6	13·6	90·0	26th, 30th & 31st.	67·7	2nd	22·3
	Karwar	44	29·927	+·012	29·906	29·993	17th	29·857	8th	·136	72·3	86·3	−1·5	69·0	−4·0	77·7	−2·7	17·3	88·8	16th & 27th.	64·0	4 days	24·8
27	Malegaon	1,430	28·521	+·0.1	29·913	28·598	21st	28·448	10th	·150	73·3	94·3	−3·0	61·0	−2·6	77·7	−2·8	33·3	102·9	26th, 30th & 31st.	54·1	2nd	48·8
	Ahmednagar	2,154	27·813	+·022	29·893	27·869	24th	27·742	8th	·127	73·8	93·0	−0·8	62·0	−0·5	77·5	−0·7	31·0	101·9	31st.	54·5	2nd	47·4
	Poona	1,846	28·110	−·003	29·925	28·159	18th & 23rd.	28·045	8th & 10th.	·114	67·8	93·5	−4·2	60·9	−3·0	77·2	−3·6	32·6	102·0	31st	51·8	2nd	50·2
	Sholapur	1,590	28·349	−·001	29·875	28·418	18th	28·288	8th & 10th.	·130	77·3	97·4	−3·0	69·0	−0·3	83·2	−1·7	28·4	103·3	26th	58·9	16th	44·4
	Bijapur	*1,948*	27·957	+·010	29·868	28·071	18th	27·940	8th	·131	77·0	96·3	−0·1	68·9	−1·7	82·6	−0·9	27·4	101·7	25th	60·7	3rd	41·0
	Belgaum	2,539	27·411	−·005	29·857	27·471	18th	27·351	8th	·120	72·8	91·8	−2·1	61·3	−2·9	76·5	−2·5	30·5	96·8	24th & 29th.	55·5	1st	41·3
	X.—Central India.																						
21	Neemuch	1,624	28·299	−·012	29·9.4	28·438	21st	28·181	10th	·257	67·5	86·0	−5·4	58·6	−2·7	72·4	−4·1	27·2	99·5	31st	51·7	2nd & 13th.	47·8
	Indore	1,823	28·119	+·008	29·911	28·227	21st	28·033	10th	·194	70·5	87·7	−4·8	58·9	−1·5	73·3	−3·1	28·8	99·1	31st	49·1	22nd	50·0
22	Nowgong	754	29·166	−·003	29·900	29·304	21st	29·055	9th	·249	67·7	86·4	−6·0	58·9	−1·9	72·7	−3·9	27·5	95·0	30th & 31st.	52·0	2nd & 23rd.	43·0
	Sutna	1,041	28·873	−·002	29·895	28·989	21th	28·761	10th	·228	68·5	86·6	−4·7	62·0	+0·8?	74·3	−1·9?	24·6	98·0	27th	55·2	2nd & 22nd.	42·8
	XI.—Central Provinces.																						
23	Buldana	2,132	27·830		29·922	27·897	21st	27·751	8th	·146	74·9	89·4		67·1		78·2		22·3	99·2	31st	61·1	14th	38·1
	Akola	930	29·017	+·017	29·908	29·093	23rd	28·936	10th	·157	75·1	95·6	−3·6	62·5	−3·5	79·0	−3·5	33·1	105·2	31st	54·1	15th	51·1
	Amraoti	1,215	28·712?	+·005?	29·857?	28·798	24th	28·627	10th	·171	75·2	94·0	−4·1	66·6	−2·6	80·3	−3·3	27·4	102·3	31st	57·3	22nd	45·0
24	Khandwa	1,044	28·899	+·009	29·916	29·000	21st	28·811	8th	·189	71·2	93·3	−4·3	62·7	−2·2	78·0	−3·3	30·6	104·7	31st	54·1	22nd	50·6
	Hoshangabad	1,006	28·943	+·011	29·924	29·059	21st	28·847	10th	212	69·4	91·6	−4·1	62·3	−2·3	76·9	−3·2	29·3	101·1	31st	54·9	2nd	46·2
	Saugor	1,807	28·108	−·010	29·880	28·219	21st	28·010	10th	·209	70·9	86·4	−5·7	62·3	−2·2	74·4	−3·9	24·1	97·1	31st	53·1	2nd	44·0
	Jubbulpore	1,327	28·581	−·014	29·888	28·689	21st	28·487	9th	·202	68·2	88·0	−4·8	59·6	−1·2	73·8	−3·0	28·4	97·8	31st	50·3	22nd	47·5
	Seoni	2,033	27·903	+·001	29·896	27·981	24th	27·817	12th	·174	70·5	89·1	−4·1	59·3	−4·2	74·2	−4·1	29·8	97·6	26th & 31st.	52·5	4th	45·1
	Nagpur	1,017	28·812	+·008	29·892	28·993	23rd	28·822	10th	·171	74·4	94·8	−3·5	65·5	−2·3	80·1	−2·9	29·3	102·6	31st	59·8	5 days	42·8
25	Pendra	2,123	27·885		29·866	27·983	24th	27·789	8th	·194	70·9	85·7		61·9		73·8		23·8	94·8	27th	55·2	2nd	39·6
	Raipur	970	28·943	−·001	29·884	29·025	24th	28·882	10th	·143	72·2	92·0	−4·5	65·9	−2·7	79·0	−3·6	26·1	99·7	27th	60·6	22nd, 23rd & 24th.	39·1
	Chanda	*634*	29·288	0	29·874	29·381	23rd	29·210	11th	·171	77·4	97·0	−2·7	64·7	−2·3	80·8	−2·5	32·3	103·0	31st	55·0	3rd	48·0
	Jagdalpur		28·124		29·878	28·203	24th	28·042	8th	·161	72·8	91·4		66·5		78·9		24·9	98·7	28th	58·6	2nd	40·1
	XII.—Hyderabad.																						
28	Aurangabad	1,905	28·060	−·009	29·905	28·127	24th	27·969	10th	·158	74·6	91·9	−4·5	65·8	+0·4	78·9	−2·1	26·1	98·2	25th	56·2	14th	42·0
	Nizamabad	1,248	28·666		29·860	28·737	23rd	28·584	8th	·153	77·1	96·5	−1·1	67·2	−1·1	81·8	−1·1	28·3	101·9	27th	57·2	3rd	44·7

N.B.—Elevations in italics indicate barometrical determinations.

NOTE.—The barometric readings are not reduced to sea-level, in the cases of hill or plateau

B—*continued.*

in India, etc., in March, 1911—continued.

Wind direction. Number of winds from Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Resultant direction.	Normal direction.	Wind velocity. Mean velocity, miles per hour.	Normal.	Departure from normal.	Wind steadiness. Actual percentage.	Departure from normal.	Hygrometry, 8 hrs. Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs. in inches of mercury.	Departure from normal in inches of mercury.	Cloud. Mean cloud amount at 8 hrs.	Departure from normal.	Rainfall. Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st Dec. 1910, to 31st March, 1911.	Normal rainfall for period, 1st Dec. to 31st March.	Departure from normal of period, 1st Dec., 1910, to 31st March, 1911.	Heaviest rainfall during month.	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	54	55	56	57
																																IX.—Bombay—*concld.*
1		4	2		2	3	8	11	N 64° W		9·4			47		69		·585		0·8		2			1·16			1·34			0·86	Jamnagar.
	8	1		2	1	1	8	10	N 47° W		11·2			62		74		·641		3·0		3			2·33			2·47			1·87	Dwarka.
2	3	3	1	2	1	6	11	2	W	N 25° W	9·3	7·7	+1·6	39	—15	72	+ 8	·528	+·014	2·2	+0·1	2	0	+2·00	1·18	0	+1·18	1·19	0·17	+1·02	0·85	Rajkot.
7	15	3	1	1		1	1	2	N 2° E	N 13° W	8·7	7·7	+1·0	56	— 9	72	+10	·580	+·068	1·5	—0·3	1	0	+1·00	0·85	0	+0·85	0·95	0·10	+0·85	0·75	Veraval.
2	3			1	1	6	4	14	N 63° W	N 85° W	5·1	8·6	—3·5	61	— 4	55	— 5	·455	—·043	2·0	+0·7	2	0·10	+1·90	0·96	0·08	+0·83	1·01	0·29	+0·72	0·78	Bhavnagar Para.
3	12	3	3		3	1		3	N 14° E	N 46° W	4·0	6·1	—2·1	30	— 6	59	— 4	·493	—·063	1·9	+0·7	1	0	+1·00	0·18	0	+0·18	0·26	0·14	+0·12	0·12	Surat.
	4	5		2		3	3	14	N 36° W	N 1° E	4·9*	4·7	+0·2	56	+22	59	+16	·459	+·083	2·3	+0·3	1	0	+1·00	0·54	0·06	+0·48	0·54	0·30	+0·24	0·47	Ahmedabad.
1	9	7	7	2	2		2	1	N 43° E	N 40° E	9·9	10·9	—1·0	49	— 5	73	— 2	·649	—·053	1·2	—0·6	0	0	0	0	0·02	—0·02	0·06	0·20	—0·14	0	Bombay.
2	9	5	9	2	1			3	N 41° E	N 22° E	10·1	8·3	+1·8	56	+34	67	— 2	·618	—·060	0·3	—1·1	0	0·10	—0·10	0	0·01	—0·01	0	0·24	—0·24	0	Ratnagiri.
		6	21	2	1	1			N 88° E	N 58° E	6·9*	6·3	+0·6	85	+36	77	+ 1	·667	—·098	1·6	—0·4	0			0	0	0	0	0·31	—0·31	0	Goa.
4	5	9	6	4	2			1	N 63° E	N 72° E	8·5*	9·0	—0·1	49	+24	78	— 1	·743	—·058	2·2	0	0			0	0	0	0	0·05	—0·05	0	Mormugao.
22	1	7			1				N 45° E	N 43° E	2·9*†	4·6	—1·7	27	—34	82	0	·663	—·063	1·2	—0·3	0	0	0	0	0	0	0	0·18	—0·18	0	Karwar.
7	3	1					5	15	N 46° W	N 66° W	6·5	7·7	—1·2	66	+ 1	46	—7	·380	—·087	0	—1·7	0	0·10	—0·10	0	0·04	—0·04	0	0·44	—0·44	0	Malegaon.
3	4					2	2	20	N 46° W	N 1° W	8·4*	9·1	—0·7	76	+26	32	—24	·271	—·237?	0·5	—0·6	0	0·30	—0·30	0	0·32	—0·32	0·10	1·23	—1·13	0	Ahmednagar
3						7	20	1	S 81° W	S 87° W	7·7	8·5	—0·8	86	+53	53	+12	·356	+·019	0·6	—0·6	0	0·30	—0·30	0	0·04	—0·04	0·01	0·33	—0·32	0	Poona.
5	5	4	3	3			1	10	N	N 14° E	5·4	7·9	—2·5	41	+19	35	0	·320	—·027	0·6	—0·7	0	0·60	—0·60	0	0·26	—0·26	0	0·79	—0·79	0	Sholapur.
	9		1	2	1	1	3	14	N 35° W	N 84° W	7·6	4·9	+2·7	62	+22	42	—13	·387	—·146?	0·5	—0·6	0	0·70	—0·70	0	0·49	—0·49	0	0·59	—0·59	0	Bijapur.
22	1		7	1					N 83° E	N 8° E				25	+14	41	— 4	·352	—·044	0·2	—0·7	0	0·90	—0·90	0	0·43	—0·43	0	0·62	—0·62	0	Belgaum.
																																X.—Central India.
6	3	6	5	2		3	5	1	N 33° E	S 34° E	5·9	7·8	—1·9	17	— 8	45	+ 8	·296	0	4·1	+2·3	2	0·10	+1·90	0·27	0·04	+0·23	0·27	0·70	—0·43	0·14	Neemuch.
5	3	8	5	1		2	6	1	N 24° E	N 7° W	3·9	3·4	+0·5	27	— 2	43	+ 3	·316	—·001	2·3	+1·0	0	0·10	—0·10	0·05	0·04	+0·01	0·05	0·55	—0·50	0·05	Indore.
6	3	2	3		6	6	4	1	S 42° W	S 80° W	2·9	2·5	+0·4	27	—16	63	+13	·422	+·062	3·1	+1·6	2	0·70	+1·30	1·00	0·22	+0·78	2·78	1·96	+0·82	0·54	Nowgong.
7	1	1	1	1	1		10	9	N 66° W	N 54° W	3·6	5·4	—1·8	49	— 8	53	+13	·360	+·056	3·0	+1·7	4	1·00	+3·00	2·02	0·43	+1·59	2·68	2·43	+0·25	0·92	Sutna.
																																XI.—Central Provinces.
	2	2	3	2			9	13	N 48° W		6·2	7·4	—1·2	52		32		·272		2·0		0			0	0·15	—0·15	0·75	1·26	—0·51	0	Buldana.
5			3	3	1	4	9	6	S 81° W	N 45° W	4·7	4·8	—0·1	37	+26	29	— 6	·251	—·057	1·2	—0·5	0	0·90	—0·90	0·06	0·43	—0·37	1·54	1·68	—0·14	0·06	Akola.
11	3	6	7	1		1	1	1	N 55° E	N 72° E	5·2	4·8	+0·4	37	+15	29	—10	·244	—·124	0·7	—0·7	1	0·80	+0·20	0·14	0·32	—0·18	2·49	1·45	+1·04	0·12	Amraoti.
8	9	4	1	1	2	1	2	3	N 2° W	N 40° W	5·8‡	5·0	+0·8	34	+ 5	45§	+10	·344	+·054	1·3	+0·2	0	0·30	—0·30	0	0·12	—0·12	0·10	0·86	—0·76	0	Khandwa.
19		5	3	1		3			N 82° E	N 63° E	2·9‡	2·6	+0·3	17	— 8	44	— 2	·315	—·023	2·8	+1·1	0	0·40	—0·40	0·07	0·18	—0·11	0·60	1·24	—0·64	0·04	Hoshangabad
4	2	5	4	7	1	1	6	1	S 85° E	S 69° E	5·7	4·2	+1·5	16	— 2	37	— 2	·262	—·045	2·6	+1·1	2	0·60	+1·40	0·90	0·29	+0·61	1·64	2·04	—0·40	0·57	Saugor.
13	2	3	2	4	3		3	1	S 73° E	S 23° E	2·2	2·7	—0·5	10	—19	57	+ 9	·383	+·026	2·5	+0·7	3	1·20	+1·80	0·56	0·43	+0·13	1·05	2·04	—0·98	0·19	Jubbulpore.
6	8	6	1	1	3	2	1	3	N 9° E	N 37° E	5·2	3·2	+2·0	30	+ 3	41	— 6	·294	—·088	1·5	—0·4	1	1·70	—0·70	0·18	0·59	—0·41	1·31	2·52	—1·21	0·11	Seoni.
6	4	12	5	1			1	2	N 42° E	N 14° E	3·7	4·9	—1·2	56	+24	38	— 5	·307	—·072	1·2	—0·7	2	1·10	+0·90	0·45	0·48	—0·03	1·51	1·77	—0·26	0·27	Nagpur.
4	12	2		1	3	3		6	N 19° W		6·3			44		44		·319		2·6		6			1·69			1·99			0·50	Pendra.
5	4	8	6		1	3	1	3	N 37° E	N 59° W	4·2	4·9	—0·7	37	+26	47	+ 5	·370	+·001	1·4	—0·8	2	1·80	+0·20	2·02	0·65	+1·37	2·02	1·45	+0·57	0·97	Raipur.
13	3	4	2	3		2	2	2	N 30° E	N 46° E	3·9	3·0	+0·9	17	—15	40	— 7	·382	—·052	0·5	—1·0	1	1·40	—0·40	0·53	1·19	—0·66	0·53	2·32	—1·79	0·45	Chanda.
3	1	2	1	7	6	4	3	4	S 9° W					30		68		·543		0·9		1			0·80			0·80			0·80	Jagdalpur.
																																XII.—Hyderabad.
7	3	5	3	4	1		3	5	N 25° E		10·1			23		33	0	·269		1·5		0	0·50	—0·50	0	0·25	—0·25	0·57	1·01	—0·44	0	Aurangabad.
15	1	2	1	1	1	2	2	6	N 52° W		3·5			20		38	—15	·359		0·8		0	0·80	—0·80	0	0·63	—0·63	0	1·28	—1·28	0	Nizamabad.

stations, the elevations of which exceed 3,000 feet. * Uncorrected for scale error. † Mean of 17 days. ‡ Mean of 30 days. § Mean of 27 days.

Table

(2) *Abstract of observations taken at 8 hrs. at 237 stations*

Number of subdivision.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure, 8 hrs., in inches.								Temperature of air.												
			Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	XII.—Hyderabad—*concld.*																						
28	Bidar	*2,165*	27·713P		29·810P	27·778	17th	27·639	4th	·139	79·6	95·4		71·3		83·3		21·1	99·5	27th	62·5	3rd	37·0
29	Gulbarga	1,503	28·438	+·004	29·865	28·503	17th	28·358	8th & 10th	·145	79·7	98·4	−0·8	70·4	−0·3	84·4	−0·5	28·0	102·0	5 days	58·8	4th	43·2
	Raichur	*1,311*	28·622	+·016	29·865	28·685	17th	28·547	8th	·138	80·9	98·7	−0·1	73·8	−0·2	86·2	−0·1	24.9	101·6	26th	64·1	3rd	37·5
	Hyderabad (Deccan)	1,690	28·239	+·001	29·861	28·292	17th	28·165	8th	·127	76·9	93·6	−1·3	70·8	+1·2	83·7	−0·1	25·8	100·2	31st	62·7	2nd	37·6
	Hanumkonda	877	29·059	−·007	29·886	29·117	24th	28·988	8th	·129	77·7	96·0	−1·5	72·9	+0·7	84·4	−0·4	23·1	99·5	31st	65·2	1st	34·3
	XIII.—Mysore.																						
30	Chitaldrug	2,405	27·566	+·010	29·860	27·623	18th	27·504	8th	·119	77·4	93·6	−0·8	69·0	−1·2	81·3	−1·0	24·6	97·1	24th	61·9	1st	35·2
	Hassan	3,149	26·868P	+·016P	29·933P	26·920	18th	26·806	8th	·114	72·5	90·5	−0·6	62·4	+0·2	76·4	−0·2	28·1	94·2	29th	55·5	1st	38·7
	Bangalore	3,021	26·987	+·001	29·867	27·036	30th	26·926	8th	·110	73·8	90·5	−0·2	65·2	+0·5	77·9	+0·1	25·3	93·3	27th	57·8	1st	36·0
	Mysore	2,513	27·471	+·008	29·884	27·525	30th	27·414	8th	·111	74·5	92·4	−1·1	66·9	−0·3	79·7	−0·7	25·5	95·5	30th	61·5	1st	34·0
	XIV.—Madras.																						
31	Mangalore	65	29·993	−·008	29·889	29·952	2nd	29·830	15th	·122	79·7	88·4	−2·2	70·1	−4·7	79·3	−3·5	18·3	91·3	31st	64·8	4th	26·5
	Calicut	27	29·929	−·006	29·885	29·991	2nd	29·868	13th	·123	79·0	87·8	−2·5	74·8	−1·3	81·3	−1·9	13·0	89·8	29th	69·1	3rd	20·7
	Cochin	9	29·954	+·002	29·890	30·007	2nd	29·911	4 days	·096	81·0	91·1	−0·1	77·0	0	84·0	−0·1	14·1	92·7	29th	72·7	3rd	20·0
	Trivandrum	198	29·756	+·021	29·886	29·808	2nd	29·704	4th	·104	79·7	88·4	+1·3	76·8	+2·1	82·6	+1·7	11·6	90·0	4 days	71·0	1st	19·0
32	Tinnevelly	168	29·801	+·017	29·858	29·860	1st	29·743	9th	·117	82·5	93·7	+2·2	75·9	+0·3	87·3	+1·3	22·8	101·2	8th	70·9	1st & 2nd.	30·3
	Pamban	37	29·920	+·004	29·885	29·982	18th	29·851	8th	·131	82·7	88·5	−0·2	76·1	0	82·3	−0·1	12·4	89·7	4 days	73·0	1st	16·7
	Madura	447	29·528	+·010	29·907	29·587	1st	29·467	4th & 8th.	·120	81·8	98·0	+1·3	72·6	−0·2	85·3	+0·5	25·4	99·4	10 days	66·1	23rd	33·3
	Pudukkottai	318	29·651		29·903	29·708	2nd & 25th.	29·594	4th & 13th.	·114	80·9	97·3		74·0		85·6		23·3	99·7	31st	68·6	1st	31·1
	Negapatam	31	29·928	−·010	29·888	29·981	18th	29·862	8th	·119	82·9	89·5	+0·8	76·5	+1·0	83·0	+0·9	13·0	91·5	31st	72·0	1st	19·5
	Trichinopoly	256	29·720	+·001	29·908	29·779	18th	29·657	8th	·122	81·8	98·5	+0·6	73·4	+0·6	85·9	+0·6	25·1	101·1	10th, 21st & 23rd.	67·3	1st	33·8
	Coimbatore	1,341	28·616	−·013	29·895	28·671	2nd	28·571	12th	·100	76·1	96·5	+0·3	69·1	−0·7	82·8	−0·2	27·4	98·9	25th	60·3	1st	38·6
	Salem	940	29·052	−·003	29·927	29·108	1st & 30th.	28·990	8th	·118	79·0	97·0	−1·6	71·7	+0·9	84·3	−0·3	25·3	99·5	25th	62·4	1st	37·1
	Cuddalore	37	29·934	+·018	29·901	29·989	30th	29·858	8th	·131	80·3	90·0	+0·7	73·0	+0·8	81·5	+0·7	17·0	92·1	23rd	67·2	1st	24·9
	Vellore	707	29·247		29·904	29·306	25th	29·158	8th	·148	77·3	96·8		70·3		83·6		26·5	99·7	9th	58·0	1st	41·7
	Madras	22	29·944	−·008	29·897	29·994	30th	29·852	8th	·142	80·7	89·7	−0·3	72·9	+0·7	81·3	+0·2	16·8	94·5	9th	64·5	1st	30·0
33	Cuddapah	433	29·500	+·003	29·868	29·552	2nd	29·420	8th	·132	83·7	101·8	+0·1	75·5	+0·5	88·6	+0·3	26·3	105·2	24th	66·1	1st	39·1
	Bellary	1,475	28·451	−·009	29·856	28·522	17th	28·388	8th	·134	79·3	100·0	−0·3	72·3	+0·2	86·2	−0·1	27·7	103·5	27th & 28th.	62·8	3rd	40·7
	Kurnool	923	28·999	−·001	29·866	29·066	17th	28·937	8th	·129	78·0	99·9	−1·0	71·7	+0·2	85·8	−0·4	28·2	103·2	22nd	61·6	3rd	41·6
34	Nellore	66	29·871	−·001	29·873	29·938	1st	29·770	8th	·168	78·9	94·3	−1·9	72·6	+1·2	82·9	−0·3	20·7	98·1	21st	67·1	1st	31·0
	Masulipatam	15	29·947	0	29·897	30·021	24th	29·852	8th	·169	81·1	90·0	−1·4	73·0	+0·7	81·5	−0·3	17·0	92·8	22nd	65·2	1st	27·6
	Cocanada	26	29·942	+·008	29·905	30·021	24th	29·838	8th	·183	79·5	91·2	−0·5	74·3	+0·8	82·7	+0·1	16·9	97·7	31st	69·5	1st	28·2
	Waltair (Vizag.)	*226*	29·731	0	29·900	29·809	24th	29·631	8th	·178	79·2	85·9		74·5		80·2		11·4	89·1	1st	68·9	1st & 2nd.	20·2
	Calingapatam	19	29·934		29·893	30·020	24th	29·792	8th	·228	78·4	90·3		74·0		82·1		16·3	93·8	1st	64·5	2nd	29·3
	Gopalpur	72	29·865	+·011	29·878	29·972	24th	29·754	8th	·218	77·7	86·9	+0·3	73·0	+0·2	79·9	+0·1	13·9	91·7	22nd	66·5	1st & 22nd.	25·2

N.B.—Elevations in italics indicate barometrical determinations.

NOTE.—The barometric readings are not reduced to sea-level, in the cases of hill or plateau stations, the elevations of which exceed 3,000 feet.

B—*continued.*

in India, etc., in March, 1911—continued.

Wind direction. Number of winds from Calm. (25)	N. (26)	N.E. (27)	E. (28)	S.E. (29)	S. (30)	S.W. (31)	W. (32)	N.W. (33)	Resultant direction. (34)	Normal direction. (35)	Wind velocity. Mean velocity, miles per hour. (36)	Normal. (37)	Departure from normal. (38)	Wind steadiness. Actual percentage. (39)	Departure from normal. (40)	Hygrometry, 8 hrs. Mean humidity at 8 hrs. (41)	Departure from normal. (42)	Mean vapour tension at 8 hrs. in inches of mercury. (43)	Departure from normal in inches of mercury. (44)	Cloud. Mean cloud amount at 8 hrs. (45)	Departure from normal. (46)	Rainfall. Number of rainy days. (47)	Normal number of rainy days. (48)	Departure from normal. (49)	Rainfall of month. (50)	Normal rainfall of month. (51)	Departure from normal. (52)	Total rainfall from 1st D.c., 1910, to 31st March, 1911. (53)	Normal rainfall for period, 1st Dec. to 31st March (54)	Departure from normal of period, 1st Dec., 1910, to 31st March, 1911. (55)	Heaviest rainfall during month. (56)	Station. (57)
																																XII.—Hyderabad—*concld.*
4	5	8		3		2	3	6	N 5° W		4·7			36		23		·286		0·8		1	1·40	— 0·40	0·16	0·50	— 0·34	0·16	1·22	— 1·06	0·16	Bidar.
1	8	11	5	2	2		1	1	N 41° E	N 79° E	7·8	7·9	—0·1	56	+35	38	— 5	·388	—·053	0·2	—0·8	0	0·80	— 0·80	0	0·52	— 0·52	0	0·88	— 0·88	0	Gulbarga.
	4	2	1	5	4	5	2	8	W	S 3° W	6·0	7·2	—1·2	17	—11	37	—12	·396	—·114	0·6	—0·8	0	0·70	— 0·70	0	0·44	— 0·44	0	0·68	— 0·68	0	Raichur.
25		2					4		N 61° W	S 47° E	2·7	4·2	—1·5	10	— 2	53	— 4	·479	—·013	1·8	+0·6	0			0	0·58	— 0·58	0	0·96	— 0·96	0	Hyderabad (Deccan).
3	1		2	17	7	1	1		S 33° E		7·1			76		65	0	·619		2·7		0	0·70	— 0·70	0	0·26	— 0·26	0	1·04	— 1·04	0	Hanumkonda
																																XIII.—Mysore.
1	1		2	1		11	11	4	S 76° W	S 56° W	3·9	6·4	—2·5	62	+25	51	0	·477	—·013	0·4	—0·7	1	0·50	+ 0·50	0·14	0·34	— 0·20	0·14	0·51	— 0·37	0·14	Chitaldrug.
7	2	1	2	1	2	5	5	6	N 84° W	S 37° E	5·0	3·0	+2·0	29	+ 6	62	— 5	·495	—·053	0·5	—1·5	0	0·90	— 0·90	0	0·38	— 0·38	0·08	0·62	— 0·54	0	Hassan.
1		1		4	13	8	3	1	S 16° W	S 12° E	5·8	4·9	+0·9	69	+19	63	— 3	·522	—·021	0·2	—1·4	2	1·00	+ 1·00	2·13	0·48	+ 1·65	2·13	1·19	+ 0·94	2·00	Bangalore.
6	1	2	1	1	6	12	1	1	S 30° W	S 39° W	5·9	8·0	—2·1	46	+ 8	75	+ 7	·637	+·059	0·4	—1·2	1	1·00	0	1·34	0·23	+ 1·11	1·34	0·62	+ 0·72	1·30	Mysore.
																																XIV.—Madras.
2	6	7	13	1				2	N 56° E	N 70° E	5·2*	3·0	+2·2	66	+26	73	— 5	·747	—·061	1·1	—1·3	0	0·20	— 0·20	0	0·07	— 0·07	0	0·60	— 0·60	0	Mangalore.
15	2	2	7	3				2	N 74° E	N 42° E	6·0	10·5	—4·5	30	—17	81	+ 5	·806	—·006	1·2	—0·8	1	0·90	+ 0·10	0·10	0·58	— 0·48	0·10	1·89	— 1·79	0·10	Calicut.
	2	28	1						N 43° E	N 31° E	8·d*	6·8	+2·0	99	+24	72	— 5	·764	—·084	0·7	—1·4	1	2·60	— 1·60	0·65	2·15	— 1·50	1·72	5·22	— 3·50	0·65	Cochin.
7	10	1	1					12	N 19° W	N 24° E	5·1*	5·5	—0·4	69	+22	76	— 1	·771	—·024	2·1	—0·3	1	2·60	— 1·60	0·62	1·78	— 1·16	0·69	5·29	— 4·60	0·55	Trivandrum.
5	6	6	1		1		5	7	N 19° W	N 25° W	4·5	4·7	—0·2	49	—11	68	— 5	·749	—·016	2·3	0	1	2·30	— 1·30	0·12	1·03	— 0·91	0·37	7·28	— 6·91	0·12	Tinnevelly.
12		2	10	7					S 78° E	S 87° E	5·3	7·4	—2·1	53	—16	74	— 3	·810		2·8		0	0·90	— 0·90	0	0·72	— 0·72	1·51	13·09	—11·58	0	Pamban.
1	4	9	10	1			1	5	N 44° E	N 28° E	5·4	3·8	+1·6	59	+ 9	74	+ 1	·796	+·030	4·8	+2·6	0	1·00	— 1·00	0	0·47	— 0·47	0·18	3·09	— 2·91	0	Madura.
19	1	4	1	1	2	3			S 63° E		9·6			6		82		·861		2·3		0			0			0·20			0	Pudukkottai.
8	1	4	3	8	4	2		1	S 55° E	S 85° E	8·5	6·3	+2·2	37	+ 1	75	— 2	·841	+·014	4·7	+0·5	0	0·50	— 0·50	0	0·52	— 0·52	1·20	15·26	—14·06	0	Negapatam.
6	3	6	6	3	4	1	1	1	N 83° E	N 31° E	3·3*	3·8	—0·5	33	+11	70	— 3	·760	+·013	2·2	—0·6	0	0·50	— 0·50	0	0·41	— 0·41	0	4·23	— 4·23	0	Trichinopoly.
12	2	14		1	1			1	N 42° E	N 84° E	4·1	2·9	+1·2	49	+ 9	83	+ 3	·743	+·013	2·2	—0·3	1	1·10	— 0·10	1·07	0·50	+ 0·57	1·15	2·25	— 1·10	1·07	Coimbatore.
13		6	7	1	4				S 88° E	N 66° E	3·9	5·3	—1·4	40	0	76	+ 5	·737	+·036	1·3	—0·4	1	1·20	— 0·20	1·73	0·71	+ 1·02	1·73	2·53	— 0·80	1·69	Salem.
6	1			2	7	5	10		S 47° W	N 86° W	8·1	2·4	+5·7	53	+ 3	82	— 3	·856	—·009?	2·3	—0·9	0	0·4	— 0·40	0	0·30	— 0·30	0·32	10·00	— 9·68	0	Cuddalore.
30								1	N 45° W		4·0†			3		76		·722		0		0	0·30	— 0·30	0	0·19	— 0·19	0	3·69	— 3·69	0	Vellore.
1				1	22	6	1		S 9° W	S 25° W	6·8*	6·2	+0·6	92	+38	79	+ 1	·837	+·027	1·3	—1·2	0	0·80	— 0·80	0	0·21	— 0·21	0·05	6·98	— 6·93	0	Madras.
	1	2	2	9	1	7	6	3	S 24° W	S 72° E				27	—30	58	0	·683	+·029	1·0	—0·2	0	0·20	— 0·20	0	0·04	— 0·04	0	1·41	—1·41	0	Cuddapah.
11	1	1	1		1	1	8	7	N 68° W	S 45° W	3·7	4·6	—0·9	43	+32	37	—13	·368	—·161	0	—1·4	0	0·50	— 0·50	0	0·14	— 0·14	0	0·36	— 0·36	0	Bellary.
8			6	3	7	3	3	3	S 6° E	E	5·5*			30	+19	56	+ 3	·536	—·010	0·4	—0·8	1	0·60	+ 0·40	0·13	0·41	— 0·28	0·13	0·62	— 0·49	0·13	Kurnool.
				16	9	3	1	2	S 16° E	S 32° E	7·3*	6·4	+0·9	72	+ 4	79	— 2	·786	—·037	3·8	+1·2	0	0·30	— 0·30	0	0·08	— 0·08	0	2·37	— 2·37	0	Nellore.
2				3	23	3			S	S 20° E	6·8	5·5	+1·3	9	—34	76	— 7	·808	—·049?	3·7	+1·0	0	0·40	— 0·40	0	0·12	— 0·12	0	1·19	— 1·19	0	Masulipatam.
20	1		1		1		5	3	N 71° W	N 52° W	6·5	6·5	0	23	—20	77	+ 2	·761	+·030	4·9	+2·4	0	0·70	— 0·70	0	0·47	— 0·47	0	1·75	— 1·75	0	Cocanada.
						29	2		S 48° W	S 88° W	10·5			99	+24	74	+ 2	·742	0	3·7	+1·0	0	0·60	— 0·60	0	0·32	— 0·32	0	2·45	— 2·45	0	Waltair (Vizag.).
2	1				2	12	11	2	S 22° W		8·5			78		84		·809		2·2		1			0·63			0·68			0·63	Calingapatam.
25	1	1			2	2			S 24° W	S 89° W	10·4	13·9	—3·5	7	—35	82	+ 4	·772	+·032	0·6	—1·9	2	1·00	+1·00	0·42	0·65	— 0·23	0·82	2·00	— 1·18	0·28	Gopalpur.

* Uncorrected for scale error. † Mean of 30 days.

Table

(2) *Abstract of observations taken at 8 hrs. at 237 station*

Number of subdivision.	Station.	Elevation of barometer above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	Bay Islands.																						
1	P. V. Fraser	8	29·971		29·895	30·050	2nd	29·870	8th	·180	79·7												
	Port Blair	58	29·906	0	29·894	29·931	28th	29·815	7th & 8th.	·116	78·6	89·2	−1·9	75·0	−1·6	82·1	−1·7	14·2	91·7	29th	72·5	6th	19·2
	Slipper Island	90	29·870		29·895	29·929	28th	29·796	7th	·133	79·2	86·4		76·0		81·2		10·4	89·1	30th	74·1	4th, 5th & 8th.	15·0
	Kashmir.																						
14	Muzaffarabad	2,475																					
	Srinagar	5,204	24·903	−·027	24·874	25·070	23rd	24·662	11th	·408	35·3	49·7	−5·7	36·8	−0·3	43·3	−3·0	12·9	61·1	26th	31·6	22nd	29·5
	Gulmarg	*8,569*									Observations not received.												
	Sonemarg	*8,764*																					
	Dras	*10,059*	20·753	−·024	20·721	21·026	23rd	20·448	11th	·578	5·9	24·7	−9·4	−7·1	−11·4	8·8	−10·4	31·8	31·4	12th	−29·0	22nd	60·4
	Leh	11,503	19·632	−·060	19·600	19·891	23rd	19·378	11th	·513	24·1	40·0	−3·1	19·2	−1·9	29·6	−2·5	20·8	54·6	31st	10·0	22nd	44·6
	Skardu	*7,505*	22·875	−·010	22·845	23·188	23rd	22·578	11th	·610	34·6	45·9	−3·9	30·5	−2·0	38·2	−2·9	15·4	58·9	31st	19·1	4th	39·8
	Minimarg	*9,359*									23·9	45·7		15·0		30·3		30·7	64·3	30th	4·5	7th	59·8
	Astor	*7,955*	22·449		22·419	22·748	23rd	22·134	11th	·614	29·6	44·2		26·1		35·1		18·1	56·9	30th	14·2	22nd	42·7
	Gilgit	4,890	25·129		25·102	25·440	23rd	24·807	11th	·633	48·2	60·1	−1·6	43·8	−1·5	52·0	−1·5	16·3	69·2	30th	38·2	21st	31·0
	Baluchistan.																						
16	Quetta	5,502	24·604	−·049	24·564	24·761	22nd	24·361	10th	·400	46·2	58·9	−5·6	33·4	−1·6	48·6	−3·6	20·5	71·1	28th	26·7	19th	44·4
	Chaman	4,311	25·656	−·060	25·618	25·813	6th	25·415	10th	·398	52·4	62·3	−4·0	45·5	−0·4	53·9	−2·2	16·8	74·8	29th	32·2	19th	42·6
	Robat		26·868		26·826	27·065	18th	26·591	8th	·474	58·6	74·1		51·5		62·8		22·6	86·5	28th	34·3	18th	52·2
	Pasni		29·927		29·887	30·146	21st	29·720	10th	·426	65·9	78·4		63·3		70·9		15·1	83·0	4 days	58·0	18th	25·0
	Hill Stations excluding Kashmir and Baluchistan.																						
	Chitral	*5,486*									40·3	53·9		36·1		45·0		17·8	64·1	28th	22·4	19th	41·7
	Para Chinar	6,000	24·418		24·385	24·583	29th	24·158	11th	·425	42·9	53·6		37·1		45·3		16·5	65·2	24th & 28th.	27·4	18th	37·8
	Cherat	*4,956*	25·706	−·008	25·674	25·869	21st	25·448	11th	·421	47·5	54·9	−6·6	43·9‡	−4·0‡	49·4‡	−5·3	11·0	66·2	27th	34·9	18th	31·2
	Murree	6,333	23·799	−·048	23·767	23·960	29th	23·592	11th	·368	42·3	49·1	−9·2	38·7	−4·6	43·9	−6·9	10·4	61·6	25th	28·7	19th	32·9
	Simla	7,232	23·060	−·038	23·022	23·210	31st	22·957	8th & 13th.	·253	44·0	50·4	−6·0	39·0	−7·0	44·7	−6·5	11·4	61·1	31st	31·3	14th	29·8
	Sarain		23·123		23·085	23·266	31st	23·009	8th	·257	35·9	50·1		33·2		41·7		16·9	65·3	31st	28·9	21st	36·4
	Kalabagh										Observations not received.												
	Chakrata	7,022	23·243	−·050	23·203	23·347	31st	23·126	8th	·221	43·6	54·0	−7·7	38·6	−5·7	46·3	−6·7	15·4	67·7	31st	29·7	14th & 15th.	38·0
	Muktesar	7,592	22·811	−·039	22·771	22·908	30th	22·675	7th	3	44·5	54·1	−5·9	38·5	−4·0	46·3	−4·9	15·6	65·5	31st	30·0	14th	35·5
	Darjiling	7,376	22·959	−·046	22·914	23·078	1st	22·840	8th	·238	46·4	53·9	−2·6	40·9	−1·4	47·4	−2·0	13·0	60·8	21st	35·2	2nd	25·6
	Shillong	4,920	25·126		25·078	25·228	2nd	24·993	8th	·235	58·1	68·1		48·9		58·5		19·2	73·4	20th	40·7	23rd	32·7
	Cherrapunji	4,309	25·709		25·660	25·807	1st	25·602	8th	·205	58·5	65·3		52·2		58·8		13·1	68·7	5 days	40·6	29th	28·1
	Maymyo	3,545	26·440	−·036	26·385	26·525	1st	26·379	3rd & 7th.	·146	59·9	78·1	−3·3	50·5	+0·9	64·3	−1·2	27·6	83·0	14th	44·6	25th	38·4
	Pachmarhi	3,528	26·491	−·004	26·438	26·574	24th	26·418	8th	·156	67·7	80·8	−3·6	57·0	−3·4	68·9	−3·5	23·8	90·0	26th & 31st	48·6	2nd	41·4
	Mount Abu	3,945	26·064	−·028	26·014	26·162	21st	25·933	12th	·229	62·2	70·5	−7·2	57·1	−4·4	63·8	−5·8	13·4	83·7	31st	49·4	21st	34·3
	Mercara	3,781	26·269	+·003	26·202	26·321	18th	26·222	8th	·099	70·8	84·6	0	61·0	−0·8	72·8	−0·4	23·6	90·5	24th	55·0	1st	35·5
	Dodabetta	*7,397*	23·097		23·033	23·145	18th & 24th.	23·045	3rd	·100	58·7	69·3		47·2		58·2		22·1	72·5	25th & 29th.	38·2	1st	34·3
	Kodaikanal	7,688	22·859	−·017	22·794	22·905	18th & 24th.	22·814	3rd	·091	58·4	70·0	+1·3	50·7	−0·2	60·4	+0·5	19·3	73·5	13th & 25th.	46·0	2nd	27·5

‡ Mean of 29 days.

N.B.—Elevations in italics indicate barometrical determinations.

NOTE.—The barometric readings are not reduced to sea-level, in the cases of hill or plateau stations, the elevations for which exceed 3,200 feet.

B—*continued.*

in India, etc., in March, 1911—continued.

Wind direction. Number of winds from Calm. (25)	N. (26)	N.E. (27)	E. (28)	S.E. (29)	S. (30)	S.W. (31)	W. (32)	N.W. (33)	Resultant direction. (34)	Normal direction. (35)	Wind velocity. Mean velocity, miles per hour. (36)	Normal. (37)	Departure from normal. (38)	Wind steadiness. Actual percentage. (39)	Departure from normal. (40)	Hygrometry, 8 hrs. Mean humidity at 8 hrs. (41)	Departure from normal. (42)	Mean vapour tension at 8 hrs. in inches of mercury. (43)	Departure from normal in inches of mercury. (44)	Cloud. Mean cloud amount at 8 hrs. (45)	Departure from normal. (46)	Rainfall. Number of rainy days. (47)	Normal number of rainy days. (48)	Departure from normal. (49)	Rainfall of month. (50)	Normal rainfall of month. (51)	Departure from normal. (52)	Total rainfall from 1st Dec., 1910, to 31st March, 1911. (53)	Normal rainfall for period, 1st Dec. to 31st March. (54)	Departure from normal of period, 1st Dec., 1910, to 31st March, 1911. (55)	Heaviest rainfall during month. (56)	Station. (57)
																																Bay Islands.
1	2	3		1	4	15	3	2	S 69° W					45		80		·812		3·3		0			0·12			1·05			0·07	P. V. Fraser.
18	3	2	1				3	4	N 25° W	N 22° W	3·7	4·2	−0·5	27	−13	81	− 2	·793	−·070	1·9	−0·9	0			0	0·40	−0·40	6·37	8·44	−2·07	0	Port Blair.
2	11	3					2	13	N 22° W		6·3			79		73		·720		2·9		0			0			1·45			0	Sipper Island.
																																Kashmir.
																																Muzaffarabad.
14	2	1		5	2	1		6	N 45° W	S 3° W	2·6	4·8	−2·2	3	− 5	81	− 8	·191	−·043	8·2	+2·3	14	6·60	+7·40	5·41	3·14	+2·27	16·10	10·34	+5·76	1·07	Srinagar.
																				Observations not received.												Gulmarg.
																						12			17·35			56·72			3·80	Sonemarg.
29			1					1	N 23° E		0·7			2		88	− 3	·059		5·3		11	10·80	+0·20	4·78	3·89	+0·89	17·84	9·91	+7·93	1·02	Dras.
28		1			2				S 30° E	S 63° W	2·0	2·0	0	3	−17	64	+14	·087	+·010	7·3	+1·2	3	1·00	+2·00	0·56	0·22	+0·34	1·75	1·07	+0·68	0·24	Leh.
15			1		6	6			S 18° W		4·0			33		74	− 7	·148		7·2		4	2·70	+1·30	1·42	0·96	+0·46	5·28	2·66	+2·62	0·60	Skardu.
25			5	1					S 83° E		3·8			20		76		·100		6·5		12			7·99			38·95			3·33	Minimarg.
22			8	1					S 86° E		6·9			30		80		·133		6·6		10			4·00?			12·02?			0·95?	Astor.
22	1					3	5		S 81° W		3·3			23		50	− 1	·167	−·012	7·5	+1·3	0	1·40	−1·40	0·13	0·59	−0·46	1·63	1·05	+0·58	0·08	Gilgit.
																																Baluchistan.
17	1	1		6	2	2		2	S 26° E	S 12° W	3·1	4·0	−0·9	20	+ 9	65	+ 3	·200	−·011	5·0	+2·0	9	4·00	+5·00	2·85	1·84	+1·01	10·15	6·89	+3·26	0·69	Quetta.
3	1	1	5	8	8	5			S 27° E	S 31° E	7·0	9·9	−2·9	56	+ 5	65	+ 6	·250	−·009	5·6	+1·9	7	4·70	+2·30	3·16	1·31	+1·85	9·09	5·28	+3·81	1·49	Chaman.
		3	5	1	1	15			S 15° W		9·7			33		43		·237		2·7		4			1·14			4·09			0·48	Robat.
6																93		·604		4·0		4			1·86			2·56†			1·17	Pasni.
10	2	1	3	1			8	6	N 51° W		7·5			33																		
																																Hill Stations excluding Kashmir and Baluchistan.
																									4·19			12·96			0·68	Chitral.
25	3				3				(a)		1·1					71		·178		0·1		12										
																73		·201		5·5		20	9·00	+11·00	10·45	4·76	+ 5·69	19·69	8·11	+11·58	1·40	Para Chinar.
22		2					4	3	N 59° W		3·6			19																		
																71	+15	·226	+·009	6·4	+1·5	10			15·30	3·79	+11·51	22·97	10·17	+12·80	4·69	Cherat.
9	5	2	1	2	1	1	2	8	N 27° W	N 10° W	11·4	14·2	−2·8	33	−23																	
6	5	1	1	12	3			3	S 65° E	S 83° E	12·0	9·0	+3·0	30	− 2	64	+10	·165	+·012	7·1	+2·2	10	4·90	+5·10	11·82	4·05	+ 7·77	25·65	12·70	+12·95	4·05	Murree.
																55	+11	·149	+·003	5·4	+1·6	14	4·30	+9·70	9·11	2·07	+ 7·04	21·79	9·01	+12·78	1·94	Simla.
														32		86		·182		4·3		16			17·12			36·51			3·00	Sarain.
20					4	7			S 29° W		1·1																					Kalabagh.
																				Observations not received.												
																						13	4·50	+8·50	16·76	2·30	+14·46	36·62	11·39	+25·23	3·31	Chakrata.
3	24	1	1	1				1	N 4° E	N 13° E	6·7	7·1	−0·4	82	+43	70	+19	·195	+·019	4·3	+1·5											
																						12			7·79	1·92	+ 5·87	13·62	7·66	+5·96	1·79	Muktesar.
8	1	6	4	2	1		9		N 12° E		8·9			10		62	+13	·175		4·1												
23		1		1		2	4		S 71° W	S 37° E	3·9	7·5	−3·6	13	+ 2	79	+ 4	·248	−·003	5·5	+1·8	2	3·35	−1·35	2·03	1·55	+ 0·48	3·68	3·50	+0·18	0·97	Darjiling.
																						2	4·40	−2·40	1·21	1·82	− 0·61	3·04	3·42	−0·38	0·64	Shillong.
12	1	1		1	1	12	2	1	S 51° W		4·5			43		58		·281		2·8												
																						6	9·00	−3·00	5·27	13·83	− 8·56	9·89	16·95	−7·06	1·55	Cherrapunji.
14		1	1			14	1		S 45° W		7·9			43		74		·360		3·2												
																						2	0·90	+1·10	0·96	0·34	+ 0·62	0·96	1·15	−0·19	0·83	Maymyo.
21						9		1	S 51° W		2·3			30		78	+ 9	·406		1·7												
																						2	0·90	+1·10	0·40	0·33	+ 0·07	0·59	1·92	−1·33	0·28	Pachmarhi
5	1	3	5	2		1	6	8	N 30° W	N 3° W	5·5	5·0	+0·5	30	+26	42	+ 7	·272	−·004	1·6	−0·5											
																						3	0·50	+2·50	2·06	0·13	+ 1·93	2·21	0·96	+1·25	1·03	Mount Abu.
3	3	6		2	1	5	3	8	N 43° W	N 23° W	8·2	7·2	+1·0	33	+ 4	48	+13	·257	+·025	4·3	+2·3											
																						0	2·00	−2·00	0	0·81	− 0·81	0·02	1·48	−1·46	0	Mercara.
15	8	4	1	1	1			1	N 22° E	N 22° E	3·4	3·7	−0·3	37	+15	64	− 4	·482	−·011	0·6	−2·3											
																						5	1·80	+3·20	4·38	1·00	+ 3·38	4·82	3·38	+1·44	2·24	Ootacamund.
10	1	4	11	4	1				E		3·8			54		59		·288		1·4												
																						0	3·20	−3·20	0·14	1·92	− 1·78	0·59	11·47	−10·88	0·06	Kodaikanal.
	4	9	10	5	1			2	N 69° E		11·3*			62		50	+ 3	·241		1·5												

* Uncorrected for scale error.

(a) Indeterminate.

† Rainfall since 19th January 1911.

Table

(2) Abstract of observations taken at 8 hrs.

Number of subdivision.	Station.	Elevation of barometer above sea-level, in feet.	Pressure, 8 hrs., in inches.								Temperature of air.												
			Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	Extra India.																						
	Singapore (a)	10							Observations		not received.												
	Penang (a)	20								Ditto.													
	Trincomalee	99	29·799	−·047	29·827	29·855	13th	29·732	8th	·123	77·3	91·0	+3·0	74·4	−1·6	82·7	+0·7	16·6	94·0	22nd & 23rd.	72·0	18th & 23rd.	22·0
	Colombo	24	29·922	−·020	29·872	29·977	18th	29·867	8th	·110	74·1	91·8	+2·4	73·1	−1·8	82·5	+0·3	18·7	95·0	14th	71·0	18th, 19th & 20th.	24·0
	Minicoy	7	29·988			30·045	2nd & 18th.	29·942	8th	·103													
	Amini Divi	*13*	29·971	+·016	29·913	30·033	2nd	29·921	10th	·112	82·8	89·3	+1·3	75·1	−3·0	82·2	−0·9	14·2	94·6	26th	68·8	5th	25·8
	Gyantse	13,120	16·977		16·938	17·095	24th	16·856	6th	·239	29·9	51·6		17·2		31·4		34·4	62·8	20th	5·4	9th	57·4
	Phariyong	14,400									23·3			6·7							−14·5	3rd	
	Gangtok	5,6600?									51·5	65·0		41·4		53·2		23·6	72·3	20th	31·6	9th	40·7
	Gartok (c)	14,140	17·541			17·650	31st	17·450	5 days	·200	17·3	30·7		5·7		18·2		25·0	46·5	31st	−24·7	22nd	71·2
	Kashgar (c)	4,255	25·441			25·760	22nd	25·220	11th	·540	43·7	62·9		37·4		50·1		25·5	73·1	31st	23·5	1st	49·6
	Kabul								Observations		rejected.												
	Meshed	3,104	26·699		26·677	26·872	25th	26·418	8th	·454	38·9	54·1		34·4	−3·9	44·2		19·7	71·4	22nd	24·3	18th	47·1
	Jask	13	29·928	−·060	29·895	30·128	21st	29·709	15th	·419	65·9	76·9	−1·8	64·0	−2·1	70·4	−1·9	12·9	81·8	29th	58·3	20th	23·5
	Muscat	20	29·949	−·022	29·918	30·132	21st	29·725	15th	·407	72·7	79·9	+3·3	69·3	−2·7	74·6	+0·3	10·6	91·3	28th	63·6	13th	27·7
	Bahrein	18	29·890		29·962	30·212	18th	29·814	14th	·398	64·2	68·8		60·2		64·5		8·6	82·3	27th	52·3	12th	30·0
	Bushire	14	29·946	−·041	29·923	30·126	18th	29·776	14th	·350	58·1	68·2	−4·1	55·0	−3·8	61·6	−3·9	10·[illegible]	79·8	27th	48·5	12th	31·3
	Busrah	25	29·952		29·938	30·188	18th	29·478	8th	·710	62·0	67·9		53·3		60·6		14·6	76·7	28th	46·1	17th & 18th.	30·6
	Kerman										44·3	62·4		37·2		49·9		25·2	78·6	3[illegible]th	25·8	18th	52·8
	Ispahan (b) ‖	*5,817*	24·154			24·280	1st, 18th & 31st.	23·950	14th & 15th.	·330	37·8	58·4	−2·6	33·9	−2·3	46·2	−2·5	24·5	66·4	21st & 26th.	27·2	12th	39·2
	Tehran (b) ‖	*4,009*	25·747			25·910	17th	25·500	3rd	·410	39·8	54·8	−2·4	35·9	−2·6	45·4	−2·5	18·9	67·2	22nd	26·5	14th	40·7
	Baghdad	127	29·842	−·093	29·918	30·095	18th	29·611	7th	·484	53·2	67·7	−4·6	46·9	−1·3	57·3	−2·9	20·8	78·5	22nd	33·5	26th	45·0
	Beirut §	111			29·933						57·9	62·8		51·6		57·7		12·2	73·6	31st	46·9	23rd	26·7
	Aden	94	29·871	−·026	29·897	30·001	2nd	29·738	11th	·243	78·6	83·5	−0·9	76·6	+1·4	80·1	+0·3	6·9	88·6	15th	71·9	3rd	16·7
	Perim	201	29·742	+·006	29·881	29·859	2nd	29·665	14th	·194	78·5	85·1	−0·2	75·9	+0·	80·5	−0·1	9·2	87·9	27th	73·2	23rd	14·7
	Zanzibar	72	29·902	−·005	29·900	29·974	2nd	29·804	10th	·170	82·1	87·3	+1·0	80·6	+1·2	84·0	+1·1	6·7	91·7	3rd	77·1	9th	14·6

N.B.—The elevations in italics indicate barometrical determinations.

NOTE.—The barometric readings are not reduced to sea-level, in the cases of hill or plateau stations, the elevations of which exceed 3,200 feet

(a) 9 hrs. observations. (b) Aneroid uncorrected. (c) Aneroid corrected.

§ 8½ " "

‖ 7 " "

B—*concluded.*

at 237 stations in India, etc., in March, 1911—concluded.

Wind direction. Number of winds from Calm. (25)	N. (26)	N.E. (27)	E. (28)	S.E. (29)	S. (30)	S.W. (31)	W. (32)	N.W. (33)	Resultant direction (34)	Normal direction (35)	Wind velocity. Mean velocity, miles per hour (36)	Normal (37)	Departure from normal (38)	Wind steadiness. Actual percentage (39)	Departure from normal (40)	Hygrometry, 8 hrs. Mean humidity at 8 hrs. (41)	Departure from normal (42)	Mean vapour tension at 8 hrs. in inches of mercury (43)	Departure from normal in inches of mercury (44)	Cloud. Mean cloud amount at 8 hrs. (45)	Departure from normal (46)	Rainfall. Number of rainy days (47)	Normal number of rainy days (48)	Departure from normal (49)	Rainfall of month (50)	Normal rainfall of month (51)	Departure from normal (52)	Total rainfall from 1st Dec., 1910, to 31st March 1911 (53)	Normal rainfall for period, 1st Dec. to 31st March (54)	Departure from normal of period, 1st Dec., 1910, to 31st March 1911 (55)	Heaviest rainfall during month (56)	Station (57)
																																Extra India.
													Observations not received.																			Singapore.
																																Penang.
															Ditto.																	
14					1	13			S 31° W	S 37° W	5·1*	5·6	−0·5	40	+17	83	+ 2	·780	−·098	3·0	+0·6	3			0·71	1·45	−0·74	19·37	21·71	−5·34	0·29	Trincomalee.
27	1	3							N 34° E	S 58° E	3·5*	5·4	−1·9	13	−19	94	+20	·788	−·057	3·3	+0·4	1			0·32	4·45	−4·13	11·73	16·73	− 5·00	0·18	Colombo.
	19	6					2	4	N 2° E	N 20° W	4·4	5·4	−1·0	87						2·0		0			0	0·98	−0·98	0·88	8·08	− 7·20	0	Minicoy.
1	14	4						12	N 14° W		7·5			84		69	− 5	·776	−·096	1·7	−1·3	0			0	0	0	0·01	0·51	−0·50	0	Amini Divi.
9			11	11					S 67° E		4·6			65		78		·131		1·0		0			0			0			0	Gyantse.
23	2			1	2	2			S 27° W					6		76		·102				0			0·21			0·39			0·07	Pharijong.
21	1	3	1	2		1			N 76° E†		2·3			14		84		·320		1·6		8			6·29			10·59			1·70	Gangtok.
13	1			7	7	3			S 13° E		9·9			42						4·5		0			0			0			0	Gartok.
2						2		2	W	N 1° W	4·7	2·4	+2·3	13	+ 5	57	?	·164	?	2·2	−3·6	0			0	0·20	−0·20	0·45	0·78	− 0·33	0	Kashgar.
													Observations rejected.																			Kabul.
21	2	1	1	1	2		2	1	N		3·0			3		79		·169		6·6		6			2·35	2·43	−0·08	5·47	4·57	+ 0·90	0·86	Meshed.
4	7	3	4		1	2	5	5	N 21° W	N 23° E	9·2	11·0	−1·8	37	+ 1	77	+ 3	·491	−·075	2·9	+0·6	3			0·84	1·15	−0·31	7·57	3·77	+ 3·80	0·37	Jask.
8		1	3		2	1	2	14	N 48° W	N 72° W	7·6	4·6	+3·0	40	+10	64	− 4	·525	−·051	4·6	+2·4	1			0·28	1·05	−0·77	4·52	3·37	+ 1·15	0·26	Muscat.
	3	3	6	3		2	6	8	N 23° W		8·5			26		74		·448		2·6		3			2·55			5·99			1·50	Bahrein.
5	3	11	2	2		1	1	6	N 22° E	N 41° E	11·0	8·5	+2·5	46	+ 6	79	+ 9	·383	−·049	4·2	+1·3	4			4·01	1·00	+3·01	19·99	9·71	+10·28	2·51	Bushire.
2	2	1		5	2	5	7	4	S 52° W		4·6			36		66		·362		2·8		6			1·80			6·00			0·55	Busrah.
	5	2	2	3	9	5	3	2	S 63° W	S 82° W	4·7			6		57		·177		2·2		4			0·83			4·84			0·28	Kerman.
20			2			2	6	1	S 81° W	N 14° E	5·0	6·3	−1·3	19		28		·087		3·3		2			0·33	0·99	−0·66	6·05	1·96	+ 4·09	0·16	Ispahan.
9	7	6	1			2	2	4	N 4° W	N 11° W	3·1	3·8	−0·7	42		69		·178		3·3		9			3·11	2·80	+0·31	7·14	6·28	+ 0·86	0·70	Tehran.
10		1	1	6	3	2		6	S 27° W		9·1	4·0	+5·1	18	− 8	64	− 6	·266	−·073	2·5	+0·2	5			2·37	1·60	+0·77	6·36	6·79	− 0·43	1·62	Baghdad.
7	1	5	3			13	1	1	S 45° W					19		70		·337		3·9		11			6·41			25·86			1·60	Beirut.
7	3	19	2						N 43° E	N 82° E	17·3	15·8	+1·5	69	−10	80	+ 4	·779	+·053	6·0	+0·8	2			0·34	0·87	−0·53	1·30	1·85	− 0·55	0·19	Aden.
	3		11	8			5	4	N 89° E	S 73° E	16·0	19·3	−3·3	28	−25	80	+ 2	·789	+·023	6·6	+1·3	2			1·84	0·27	+1·57	3·17	0·95	+ 2·22	1·56	Perim.
7	1	3	3	3	5	6	2	1	S	S 27° E	3·8	3·4	−1·6	23	+ 1	81	− 2	·888	−·006	6·6	+1·1	12			9·92	5·58	+4·34	13·55	16·85	+ 1·70	2·77	Zanzibar.

* Uncorrected for scale error.

† Mean of 29 days.
‡ " " 30 "

Table C.—Abstract of observations taken at 8 hrs. at 37 fourth class stations in India, etc., in March, 1911.

Table

Abstract of observations taken at 8 hrs.

Number of subdivision.	Station.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range during month.	Wind direction. Number of winds from: Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Resultant direction.	Normal direction.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
	II.—Eastern Bengal and Assam.																								
4	Bishnath	65·5	81·2	...	56·6	...	68·9	...	24·6	87·6	21st	47·7	24th & 25th.	39·9	...	...	...	...	...	...	...	...	...	...	...
	Borjuli	68·1	83·8	...	56·6	...	70·2	...	27·2	88·1	21st	51·4	31st	36·7	...	...	...	...	...	...	...	...	...	...	...
	Chandkhira	63·8*	84·2*	...	57·6†	...	70·9	...	26·6	89·7	21st	53·1	17th	36·0											
	Doom Dooma	62·5	78·2	...	56·2	...	67·2	...	22·0	86·8	2nd	48·7	7th	38·1	...	...	...	...	...	...	...	...	...	...	...
	Dikom	62·8	77·5	...	57·4	...	67·5	...	20·1	86·0	2nd	49·6	5th & 24th.	36·4	...	...	...	...	...	...	...	...	...	...	...
	Golaghat	65·9	66·3	...	59·6	...	62·9	...	6·7	71·7	14th	51·6	24th	20·1	...	...	...	...	...	...	...	...	...	...	...
	Hailakandi										Not received.														
	Jorehat	66·6	78·5	...	60·5	...	69·5	...	18·0	84·4	2nd	53·6	25th	30·8	...	...	...	...	...	...	...	...	...	...	...
	Messa	68·3	86·8	...	53·9	...	70·3	...	32·9	89·9	3rd & 25th	48·0	2nd	41·9	...	...	...	...	...	...	...	...	...	...	...
	Panerihat	62·1	78·9	...	55·8	...	67·3	...	23·1	85·1	2nd	50·0	9th	35·1	...	...	...	...	...	...	...	...	...	...	...
	Srimangal	69·2	87·7	...	60·7	...	74·2	...	27·0	93·7	20th	49·2	23rd	44·5	...	...	...	...	...	...	...	...	...	...	...
5	Brahmanbaria	74·7	86·8	...	64·7	...	75·7	...	22·1	91·8	2nd	57·9	29th	33·9	...	...	...	...	...	...	...	...	...	...	...
	Dam Dim	66·8	87·8	...	54·6	...	71·2	...	33·2	92·4	21st	47·0	4th	45·4	...	...	...	...	...	...	...	...	...	...	...
	Goalundo	73·6	88·8	...	61·5	...	75·1	...	27·3	96·0	20th	48·9	23rd	47·1	...	...	...	...	...	...	...	...	...	...	...
	Kalchini	70·6	83·4	...	54·3	...	68·9	...	29·1	89·1	21st & 31st.	46·9	3rd	42·2	...	...	...	...	...	...	...	...	...	...	...
	Nagrakata	69·6	82·5	...	58·4	...	70·5	...	24·1	88·1	21st	51·0	3rd	37·1	...	...	...	...	...	...	...	...	...	...	...
	Pabna	71·9	88·9	...	61·3	...	75·1	...	27·6	95·0	4 days	52·1	23rd	42·9	...	...	...	...	...	...	...	...	...	...	...
	XI.—Central Provinces.																								
24	Chhindwara	68·5	88·7	...	59·5	...	74·1	...	29·2	97·2	26th	52·0	15th	45·2	...	7	5	1	...	1	3	7	7	N 37° W	...
	XIV.—Madras.																								
33	Anantapur	80·3	98·9	...	71·2	...	85·0	...	27·7	101·9	22nd	59·6	1st	42·3	...	...	...	...	...	...	...	...	...	...	...
34	Guntur	79·7	95·1	...	74·4	...	84·7	...	20·7	99·0	23rd	63·2	1st	35·8	...	...	...	...	...	...	...	...	...	...	...
	Bay Islands.																								
1	Car Nicobar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kashmir.																								
14	Jammu	61·2	71·5	...	55·6	...	63·5	...	15·9	83·1	30th	46·8	22nd	36·3	...	11	16	...	3	...	...	1	...	N 31° E	...
	Kargil	19·6	34·7	...	13·6	...	24·1	...	21·1	43·3	31st	1·8	4th & 16th.	41·5	...	...	1	14	2	...	...	...	14	N 34° E	...
	Hill Stations, exclusive of Kashmir.																								
	Panighatta	68·3	81·4	...	59·7	...	70·5	...	21·7	90·9	21st	52·0	30th	38·9	...	...	...	...	...	...	...	...	...	...	...
	Kurseong	56·9	65·5	...	55·9	...	60·3	...	9·6	72·3	20th	49·2	2nd	23·1	...	...	...	...	...	...	...	...	...	...	...
	Gnatong	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lachung	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

* Mean of 24 days. † Mean of 13 days.

C.

at 37 fourth class stations in India, etc., in March, 1911.

Wind velocity.			Wind steadiness.		Hygrometry, 8 hrs.				Cloud.		Rainfall.									Heaviest rainfall during month.	Station.
Mean velocity, miles per hour.	Normal.	Departure from normal.	Actual percentage.	Departure from normal.	Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs. in inches of mercury.	Departure from normal in inches of mercury.	Mean cloud amount at 8 hrs.	Departure from normal.	Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st December, 1910, to 31st March, 1911.	Normal rainfall for period, 1st December to 31st March.	Departure from normal of period, 1st December, 1910 to 31st March, 1911.		
27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
																					II.—Eastern Bengal and Assam.
...	...	...	...	...	86	...	·537	...	...	...	7	...	...	3·35	...	...	7·41	...	...	1·97	Bishnath.
...	...	...	...	...	94	...	·646	...	...	...	6	...	...	3·02	...	...	7·04	...	...	1·00	Borjuli.
...	...	...	...	...	81‡	...	·489‡	...	...	...	3	...	...	1·20	...	...	7·59	...	...	0·60	Chandkhira.
...	...	...	...	...	84	...	·474	...	...	...	10	...	...	5·01	...	...	9·20	...	...	0·93	Doom Dooma.
...	...	...	...	...	89	...	·508	...	...	...	12	...	...	4·29	...	...	10·40	...	...	0·61	Dikom.
...	...	...	...	...	98	...	·628	...	...	..	5	...	...	2·52	...	...	7·18	...	...	0·66	Golaghat.
											Not	received.									Hailakandi.
...	...	...	...	...	83	...	·543	...	...	...	10	...	...	5·52	...	...	11·25	...	...	1·46	Jorehat.
...	...	...	...	...	83	...	·573	...	...	...	4	...	...	2·16	...	...	5·78	...	...	0·98	Messa.
...	...	...	...	...	84	...	·465	...	...	...	6	...	...	2·70	...	...	4·71	...	...	0·96	Panerihat.
...	...	...	...	...	83	...	·602	...	...	...	8	...	...	3·95	...	...	6·39	...	...	1·34	Srimangal.
...	...	...	...	...	71	...	605	...	...	...	5	...	...	3·31	...	...	3·80	..	...	1·65	Brahmanbaria.
...	...	...	...	...	97	...	·639	...	...	...	2	...	...	2·17	...	...	4·07	...	...	1·31	Dam Dim.
...	...	...	...	...	71	...	·592	...	...	...	6	...	...	4·48	...	...	4·94	...	...	3·01	Goalundo.
...	...	...	...	...	72	...	·554		...	...	3	...	...	2·47	...	...	4·80	...	...	1·20	Kalchini.
...	...	...	...	...	62	...	·440	...	...	...	4	...	...	3·39	...	...	5·62	...	...	2·08	Nagrakata.
...	...	...	..	...	80	...	·636	...	...	...	3	...	...	0·88	...	...	1·08	...	...	0·22	Pabna.
																					XI.—Central Provinces.
2·7	...	...	48	...	62	...	·430	..	1·3	...	2	...	...	0·53	...	...	1·97	...	...	0·28	Chhindwara.
																					XIV.—Madras.
...	...	...	...	...	75	...	·781	...	2·0	...	0	...	...	0·03	...	...	0·03	...	...	0·03	Anantapur.
...	...	...	...	...	86	...	·867	...	2·5	...	0	...	...	0	...	...	0	...	...	0	Guntur.
																					Bay Islands.
											1			0·45			1·29§			0·43	Car Nicobar.
																					Kashmir.
...	...	...	74	...	65	...	·347	...	4·5	...	9	...	...	5·61	...	...	15·27	...	...	1·56	Jammu.
...	...	...	36	...	48	...	·056	...	7·5	...	0	...	...	0·22‖	...	...	7·36	...	...	0·06	Kargil.
																					Hill Stations, exclusive of Kashmir.
...	...	...	...	...	58	...	·395	...	...	...	2	...	...	3·11	...	...	5·67	...	...	2·10	Panighatta.
...	...	...	...	...	66	...	·303	...	...	...	3	...	...	3·43	...	...	5·65	...	...	2·32	Kurseong.
...	...	...	...	...	...	...	...	...	...	...	20	...	...	6·02	...	...	15·49	...	...	0·74	Gnatong.
													Rainfall observations not received.								Lachung.

‡ Mean of 20 days. ‖ Rain and snow water. § Rainfall for December, 1910, not included.

Table

Abstract of observations taken at 8 hrs.

Number of subdivision.	Station.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range during month.	Wind direction. Number of winds from: Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Resultant direction.	Normal direction.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
	Hill Stations, exclusive of Kashmir—*concld.*																								
	Ringim	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Poo	...	43·3	...	28·5	...	35·9	...	14·8	51·9	31st	20·3	16th	31·6	15	2	1	7	1	1	...	1	3	N 59° E	...
	Kailang	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Drosh	40·6	52·0	..	36·9	...	44·5	...	15·1	66·3	28th	28·6	19th	37·7	23	...	7	...	...	...	1	...	...	N 45° E	...
	Pishin	...	60·2	...	38·4	...	49·3	...	21·8	73·7	28th	28·0	18th, 19th & 20th.	45·7	...	...	...	...	...	...	...	...	...	...	...
	Kalat	44·9	57·8	−6·9	34·8	+2·5	46·3	−2·2	23·0	70·8	25th	23·9	18th	46·9	...	4	...	...	...	26	...	1	...	S 3° W	...
	Extra India.																								
	Ahwaz	...	68·4	...	53·5	..	60·9	...	14·9	77·6	28th	46·0	17th	31·6	...	...	...	...	...	...	...	...	...	...	...
	Birjand										Not received.														
	Chumbi	33·3	50·7	...	28·4	...	39·6	...	22·3	60·8	2nd	17·1	9th	43·7	...	...	...	...	...	...	...	...	...	...	...
	Kirmanshah	39·8	50·3	...	30·6	...	40·5	...	19·7	62·4	27th & 28th.	19·8	17th	42·6	...	...	...	...	...	...	...	...	...	...	...
	Koweit	...	69·3	...	58·9‡	...	66·8‡	...	10·4	79·3	28th	54·9	31st	24·4	1	1	...	...	9	...	...	5	15	N 61° W	...
	Maidan										Not received.														
	Muhammerah	...	70·3	...	54·0	...	62·1	...	16·3	79·0	28th	46·9	17th	32·1	...	7	...	...	5	6	...	...	7	N 27° W	...
	Pemba	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Prison Island	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

‡ Mean of 5 days.

C—*concluded.*

at 37 fourth-class stations in India, etc., in March, 1911—concld.

Wind velocity.			Wind steadiness.		Hygrometry, 8 hrs.				Cloud.		Rainfall.									Heaviest rainfall during month.	Station.
Mean velocity, miles per hour.	Normal.	Departure from normal.	Actual percentage.	Departure from normal.	Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs. in inches of mercury.	Departure from normal in inches of mercury.	Mean cloud amount at 8 hrs.	Departure from normal.	Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st December, 1910, to 31st March, 1911.	Normal rainfall for period, 1st December to 31st March.	Departure from normal of period 1st December, 1910, to 31st March, 1911.		
27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
																					Hill Stations, exclusive of Kashmir—*concld.*
...	...	...	...	...	...	...	...	...	...	...	14	...	...	6·91	...	...	13·80	...	...	1·40	Ringim.
...	...	...	19	...	...	...	...	...	6·3	...	3	...	...	0·97*	4·11	—3·14	13·63	12·29	+1·34	0·26	Poo.
...	...	...	...	...	...	...	...	...	...	...	10	...	...	9·54	...	...	21·53	...	...	2·90	Kailang.
...	...	...	19	...	72	...	·183	...	6·5	...	12	...	...	3·83	...	...	12·09	...	...	0·78	Drosh.
...	...	...	...	...	...	...	...	...	4·8	...	7	5·00	+2·00	3·12	1·83	+1·29	11·11	8·05	+3·06	1·20	Pishin.
...	...	...	71	...	76	...	·228	...	...	...	5	2·60	+2·40	1·61	0·83	+0·78	8·13	3·53	+4·60	0·45	Kalat.
																					Extra India.
...	...	...	...	...	...	...	...	...	2·3	...	7	...	...	3·09	...	...	9·38	...	...	0·91	Ahwaz.
									Not	received.											Birjand.
8·8	...	...	...	...	73	...	·141	...	...	...	11	...	...	4·29*	...	...	5·85	...	...	0·87	Chumbi.
...	...	...	...	...	61	...	·149	...	...	...	9	...	...	4·88*	...	...	10·70	...	...	1·28	Kirmanshah.
...	...	...	32	...	...	...	...	...	2·8	...	4	...	...	1·51	...	...	6·58	...	...	0·69	Koweit.
									Not	received.											Maidan.
...	...	...	6	...	...	...	...	...	...	...	6	...	...	2·30	...	...	8·43	...	...	1·05	Muhammerah.†
...	...	...	...	...	...	...	...	...	...	...	?	...	...	7·46	...	...	13·70	...	...	?	Pemba.
...	...	...	...	...	...	...	...	...	...	...	...	...	No ra	infall	observ	ations.					Prison Island.

* Rain and snow water.

† Wind variable 6.

TABLE A.—Abstract of observations taken at 10 hrs. and 16 hrs. at 32 stations in India, etc., in April, 1911.

Table

Abstract of observations taken at 10 hrs. and 16 hrs. at

Number of subdivision.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure. Mean of 10 hrs.	Mean of 16 hrs.	Mean daily range.	Mean of daily mean pressures.	Departure from normal.	Mean reduced to sea-level and gravity, 45° Lat.	Temperature of air. Mean maximum.	Mean minimum.	Mean daily range.	Highest maximum.	Lowest minimum.	Absolute range.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	Temperature, Wet-bulb. Mean minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of three previous columns.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	I.—Burma.																					
2	Rangoon . .	18	29·896	29·750	·146	29·826	+·002	29·781	96·1	75·6	20·5	100·6	71·3	29·3	88·3	92·9	83·5	−1·5	73·6	76·2	76·5	75·4
	III.—Bengal.																					
6	Calcutta . .	21	·812	·681	·131	·746	−·005	·711	95·0	76·1	18·9	101·9	68·1	33·8	87·7	92·6	84·8	−0·2	73·0	78·0	77·2	76·0
	IV.—United Provinces of Agra and Oudh.																					
10	Allahabad . .	309	·484	·354	·130	·412	−·006	·667	102·5	70·3	32·2	108·9	63·0	45·9	93·1	101·1	85·9	−1·7	60·0	68·4	69·7	66·0
11	Dehra Dun . .	2,233	27·574	27·493	·081	27·525	−·016	·689	88·3	62·2	26·1	97·2	54·5	42·7	79·7	86·1	74·6	−2·8	55·0	63·3	64·3	60·9
	V.—Punjab.																					
12	Lahore . .	702	29·099	29·013	·086	29·050	+·015	·713	93·9	64·1	29·8	102·0	53·3	48·7	84·3	91·8	78·6	−2·3	58·4	66·4	67·7	64·2
	VIII.—Rajputana.																					
19	Jaipur . .	1,431	28·417	28·304	·113	28·354	+·007	·706	100·6	69·6	31·0	105·2	60·6	44·6	91·9	98·9	85·0	−1·3	56·6	65·2	65·8	62·5
	Udaipur . .	1,925	27·959	27·845	·114	27·897		·720	98·5	69·8	28·7	102·7	58·3	44·4	90·4	97·7	85·0		58·7	65·9	67·7	64·1
	IX.—Bombay.																					
26	Bombay . .	37	29·899	29·787	·112	29·842	+·030	·819	88·1	76·0	12·1	92·2	72·8	19·4	82·4	83·8	81·1	−1·0	71·9	75·0	75·2	74·0
	XI.—Central Provinces.																					
24	Nagpur . .	1,017	28·812	28·662	·150	28·734	−·002	·672	106·4	74·4	32·0	109·4	65·8	43·6	97·0	104·5	90·1	−0·5	57·1	66·8	69·4	64·4
	XII.—Hyderabad.																					
29	Hyderabad . .	1,690	·166	·043	·123	·103	−·021	·677	104·0	77·5	26·5	107·2	72·6	34·6	94·9	101·1	90·1	+2·1	64·0	69·5	69·7	67·7
	XIII.—Mysore.																					
30	Bangalore . .	3,021	26·943	26·820	·123	26·867	+·009	·739	94·0	68·8	25·2	98·0	64·8	33·2	82·9	90·8	80·1	+0·2	63·6	69·9	67·6	67·0
	Mysore . . .	2,518	27·430	27·288	·142	27·365	+·004	·751	95·1	69·4	25·7	97·6	66·9	30·7	82·5	92·1	80·9	0	67·4	72·1	74·0§	71·5
	XIV.—Madras.																					
32	Pudukkottai .	318	29·578	29·426	·152	29·502		·744	100·8	77·1	23·7	104·6	69·1	35·5	90·6	97·7	88·9		74·4	79·1	80·5	78·0
	Madras . .	22	·855	·732	·123	·801	−·024	·753	93·7	78·0	15·7	102·2	73·3	28·9	90·6	87·5	84·9	+0·8	76·6	80·0	80·7	79·1
	Bay Islands.																					
1	Port Blair . .	58	·868	·764	·104	·817	+·001	·804	88·8	77·0	11·8	92·2	74·6	17·6	84·7	86·3	81·9	−2·8	74·1	77·3	77·9	76·4
	Kashmir.																					
14	Srinagar . .	5,204	24·914	24·826	·088	24·865	−·019	24·836	66·8	46·0	20·8	76·3	40·1	36·2	57·4	64·9	55·3	−0·4	42·8	53·5	59·9	52·1
	Leh . . .	11,503	19·729	19·649	·080	19·690	+·010	19·658	56·7	29·9	26·8	66·4	21·0	45·4	46·7	51·1	42·2	−0·7	26·1	36·1	40·7	34·2
	Baluchistan.																					
16	Quetta . .	5,502	24·655	24·576	·079	24·607	+·008	24·568	74·1	44·6	29·5	82·7	31·8	50·9	66·5	71·1	59·9	−1·0	40·6	50·5	52·3	47·8

N.B.—Elevations in italics indicate barometric determinations.

NOTE.—The barometric readings are not reduced to sea-level, in the cases of hill or plateau stations, the elevations of which exceed 3,200 feet.

‡ Wind observations less 16.

§ Mean of 29 days.

A.

32 stations in India, etc., in April, 1911.

Vapour tension in inches of mercury.					Humidity.					Cloud.				Wind direction. Total number of 10 hrs. and 16 hrs. winds from											Wind steadiness.		Wind velocity.		Rainfall.		Station.	Number of subdivision.
From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	Mean 10 hrs.	Mean 16 hrs.	Mean of two previous columns.	Departure from normal.	Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Mean wind direction.	Normal mean wind direction of month.	Average percentage.	Normal percentage.	Mean velocity in miles per diem.	Normal.	Total rainfall for the month.	Heaviest rainfall during the month.		
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	54	55	56
																															I.—Burma.	
·802	·738	·694	·761	—·043	90	56	46	69	− 2	4·2	5·1	4·7	+1·3	15	2	1		2	25	11	3	1	S 17° W	S 24° W	53	57	44	134	1·13	0·76	Rangoon.	2
																															III.—Bengal.	
·775	·828	·725	·808	+·011	86	63	48	71	+ 1	2·9	2·4	2·7	+0·1				2	8	15	29	4	2	S 25° W	S 30° W	73	69	169*	168	2·03	1·46	Calcutta.	6
																															IV.—United Provinces of Agra and Oudh.	
·390	·369	·306	·374	0	52	24	16	33	+ 1	0·9	1·6	1·3	—0·4	1	3	3	2	2		2	22	25	N 61° W	N 54° W	68	35	97	127	0·23	0·23	Allahabad.	10
·345	·378	·331	·356	+·045	62	37	27	44	+ 7	2·1	2·3	2·2	—0·6	3	3	2		4	3	5	32	8	N 89° W	N 85° W	62	28	31*	55	0·21	0·17	Dehra Dun	11
																															V.—Punjab.	
·418	·415	·360	·415	+·020	70	35	24	45	+ 4	1·5	3·2	2·3	−0·6	5	10	5	6	1	1	2	14	16	N 37° W	N 15° W	45	28	80	77	0·38	0·17	Lahore.	12
																															VIII.—Rajputana.	
·303	·292	·225	·286	—·047	41	19	12	26	− 4	0·9	2·4	1·7	—0·8		6	2		2	1	6	20	23	N 25° W	N 57° W	68	50	132*	120	0·06	0·06	Jaipur.	19
·357	·335	·307	·323		49	23	17	29		0·8	1·0	0·9		12	2	4	2	2	2	13	14	9	S 87° W		38		102		0	0	Udaipur.	
																															IX.—Bombay.	
·721	·771	·759	·775	—·066	81	70	66	75	− 2	1·3	0·3	0·8	—0·8						1	4	23	32	N 69° W	N 60° W	87	5	242*	254	0	0	Bombay.	26
																															XI.—Central Provinces.	
·258	·282	·277	·281	—·121	30	16	13	21	− 9	0·6	2·2	1·4	—1·8		7	7	5	5	1	2	8	9	N 10° W	N 66° W	30	22	102†	144	0	0	Nagpur. ‡	24
																															XII.—Hyderabad.	
·430	·400	·330	·371	−·193	46	25	17	31	−15	1·1	3·9	2·5	—0·3	35	3	5	1		1	1	7	7	N 38° W	S 9° W	22	5	76	108	0·20	0·20	Hyderabad	29
																															XIII.—Mysore.	
·528	·581	·406	·525	−·030	75	52	28	54	− 1	2·3	5·3	3·8		1	3	4	5	3	4	13	15	12	S 88° W	S 27° W	38	38	160	115	0·90	0·85	Bangalore.	30
·644	·697	·617§	·673	+·084	90	63	42§	67	+ 8	3·3	6·8	5·1	−0·6		2	4	3	3	1	22	23	2	S 69° W	N 85° E	57	12	200	190	1·41	0·58	Mysore.	
																															XIV.—Madras.	
·818	812	·812	·824		88	59	46	64		2·7	3·8	3·3		6		3	1	8	15	14	4	9	S 27° W		42		201		1·83	1·58	Pudukkottai.	32
·899	883	·956	·935	+·035	91	62	73	79	+ 1	2·0	2·8	2·4	−1·1				3	24	24	8	1		S 8° E	S 36° E	78	83	201*	182	0	0	Madras.	
																															Bay Islands.	
·804	·837	·838	·851	—·108	87	71	68	78	− 2	5·2	5·9	5·5	+0·9	11	2	6	10	7	7	6	2	9	S 62° E	N 89° E	12	51	162‖	115	4·32	1·66	Port Blair.	1
																															Kashmir.	
·241	·361	·476	·338	+·008	77	78	75	77¶	− 1	3·8	5·7	4·7	−0·3	18	1	3	3	8	4	1	2	20	N 43° W	N 18° W	15	19	66	115	3·42	1·88	Srinagar.	14
·113	·127	·171	·137	+·023	69	39	44	51	+ 6	4·7	6·3	5·5	—1·0		12	8	8	3	6	8	11	4	N 30° W	S 63° W	13	27	82	74	0·59	0·29	Leh.	
																															Baluchistan.	
·217	·205	·200	·200	−·051	72	32	27	44	− 4	1·9	3·4	2·7	—0·6	17	4	1		5	2	6	9	16	N 73° W	N 78° W	35	35	66	84	0·58	0·40	Quetta.	16

* Uncorrected for scale error. † Mean of 22 days. ‖ Mean of 28½ days. ¶ Mean of three previous columns.

Table

Abstract of observations taken at 10 hrs. and 16 hrs. at

Number of subdivision.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure. Mean of 10 hrs.	Pressure. Mean of 16 hrs.	Pressure. Mean daily range.	Pressure. Mean of daily mean pressures.	Pressure. Departure from normal.	Pressure. Mean reduced to sea-level and gravity, 45° Lat.	Temperature of air. Mean maximum.	Temperature of air. Mean minimum.	Temperature of air. Mean daily range.	Temperature of air. Highest maximum.	Temperature of air. Lowest minimum.	Temperature of air. Absolute range.	Temperature of air. Mean 10 hrs.	Temperature of air. Mean 16 hrs.	Temperature of air. Mean of daily means.	Temperature of air. Departure from normal.	Temperature, Wet-bulb. Mean minimum.	Temperature, Wet-bulb. Mean 10 hrs.	Temperature, Wet-bulb. Mean 16 hrs.	Temperature, Wet-bulb. Mean of three previous columns.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	Hill Stations excluding Kashmir and Baluchistan.																					
	Simla	7,232	23·121	23·080	·041	23·093	+·062	23·054	65·3	51·3	14·0	73·7	41·9	31·8	59·8	62·4	58·9	−0·4	42·2	47·1	49·1	46·1
	Sarain		·154	·103	·051	·119		·089	65·7	41·7	24·0	72·6	34·9	37·7	60·3	61·6	54·3			47·5	49·1	
	Kalabagh								Observations not received.													
	Chakrata	7,022	23·280	23·233	·047	23·245	−·024	23·205	68·7	50·9	17·8	75·7	40·5	35·2	64·2	62·6	60·4	−1·4	41·9	53·1	51·2	48·7
	Muktesar	7,592	22·851	22·796	·055	22·815		22·773	68·6	50·4	18·2	76·5	39·8	36·7	60·8	65·4	60·1		41·0	48·1	51·6	46·9
	Katmandu	4,388	25·605	25·504	·101	25·553	+·004†	25·507	82·3	55·11	27·2	88·8	47·9	40·9	72·1	79·0	69·3	+2·2†	52·7	61·8	63·1	59·2
	Darjiling	7,376	22·987	22·895	·092	22·939	−·048	22·894	61·9	48·7	13·2	69·1	43·6	25·5	56·7	57·4	55·9	−0·3	47·3	53·8	53·7	51·6
	Pachmarhi	3,528	26·457	26·348	·109	26·397	−·004	26·343	92·4	68·8	23·6	96·5	57·1	39·4	84·3	90·7	81·2	−0·5	53·0	59·3	60·9	57·7
	Mount Abu	3,945	·022	·004	·078	·037	+·015	25·987	82·8	67·3	15·5	88·7	61·6	27·1	76·4	81·1	75·6	−2·4	50·8	56·3	58·2	55·1
	Chikalda	3,642	·358	·256	·102	·301	−·002	26·245	93·1	71·2	21·9	96·9	65·9	31·0	86·0	90·2	82·8	−0·3	56·1	61·6	62·9	60·2
	Ootacamund	*7,327*	23·097	23·021	·076	23·057		22·993	71·5	51·6	19·9	75·2	48·2	27·0	68·1	65·9	62·2		48·8	54·8	55·7	53·1
	Kodaikanal	7,688							Observations not received.													
	Dodabetta	8,539‡	22·112	22·043	·069	22·076		22·013	65·6	51·3	14·3	68·5	48·4	20·1	62·4	60·2	59·0		45·1	50·9	52·5	49·5
	Extra India.																					
	Minicoy	7	29·958	29·891	·067	29·929																
	Zanzibar	72	·997	·895	·102	·950	+·052	29·948	83·8	77·8	6·0	87·1	73·3	13·8	81·0	82·7	79·0	−0·4	72·4	76·6	76·0	75·0
	Diego Garcia								Observations not received.													
	Seychelles	15	29·987	29·892	·095	29·942	+·036†	29·881	85·0	78·1	6·9	86·6	74·6	12·0	82·9	84·1	80·3	+0·9†	72·6	77·2	77·2	75·7
	Mauritius	181							Observations not received.													

N.B.—Elevations in italics indicate Barometric determinations.

NOTE.—The barometric readings are not reduced to sea-level, in the cases of hill or plateau stations, the elevations of which exceed 3,200 feet.

† Departure from old normal.

‡ Mean of 29 days.

A—*concluded.*

32 stations in India, etc., in April, 1911—concluded.

Vapour tension, in inches of mercury.					Humidity.					Cloud.				Wind direction.											Wind steadiness.		Wind velocity.		Rainfall.		Station.	Number of subdivision
														Total number of 10 hrs. and 16 hrs. winds from																		
From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	Mean 10 hrs.	Mean 16 hrs.	Mean of two previous columns.	Departure from normal.	Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Mean wind direction.	Normal mean wind direction of month.	Average percentage.	Normal percentage.	Mean velocity in miles per diem.	Normal.	Total rainfall for the month.	Heaviest rainfall during the month.		
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	54	55	56
																															Hill Stations excluding Kashmir and Baluchistan.	
·175	·192	·209	·185	−·026	47	38	39	41	− 2	3·5	4·3	3·9	−0·3																1·23	0·72	Simla.	
	·199	·221				40	42			4·3	4·9	4·6		16	3	6	2	1	10	15	7		S 37° W		30		58		1·88	0·76	Sarain.	
										Observations not received.																					Kalabagh.	
·171	·288	·259	·232	+·027	48	49	47	48	+ 6	2·4	3·5	2·9	−0·7	4	8	3	1	18	23	1	1	1	S 28° E	S 54° W	48	23	90	180	1·97	0·97	Chakrata.	
·159	·206	·239	·195		45	40	40	42		3·3	4·5	3·9		32	1						27		N 88° W		45		103		1·32	0·36	Muktesar.	
·375‡	·432	·396	·394	+·034	86‡	55	41	61	+ 3	1·9	4·7	3·3	−0·7	8	1		21	1			29		N 88° W	N 87° W	12	42	24*	36	1·89	0·79	Katmandu.	
·312	·383	·375	·350	+·031	91	84	80	85	+ 9	7·4	7·8	7·6	+1·4	28		3		1	1	8	18	1	S 78° W	S 75° W	37	32	111	206	2·84	0·90	Darjiling.	
·226	·220	·189	·204	−·067	32	19	13	20	− 7	0	0	0	−2·5	1	8	8	3			2	10	28	N 35° W	N 63° W	65	44	163	144	0	0	Pachmarhi.	
·186	·227	·226	·205	−·040	27	25	21	23	− 3	1·2	1·6	1·4	−0·4		2	3		2	2	19	8	24	N 83° W	S 87° W	59	56	200	211	0	0	Mount Abu.	
·272	·263	·259	·258	−·020	36	22	18	24	− 2						2	6	1	1		6		44	N 42° W	N 46° W	73	35	176	197	0	0	Chikalda.	
·316	·292	·336	·310		83	43	55	61		4·1	7·4	5·7		4	6	15	21	7			3	4	N 65° E		57		92		6·50	1·58	Ootacamund.	
										Observations not received.																					Kodaikanal.	
·238	·258	·316	·266		63	46	62	58		4·9	7·3	6·1			15	20	11	7				7	N 41° E		64		430		5·64	1·49	Dodabetta.	
																															Extra India.	
										3·2	3·4	3·3			7	1				2	12	38	N 50° W		87		155		0	0	Minicoy.	
·720	·846	·807	·831	−·059	76	81	73	81	− 4	6·7	6·6	6·7	+0·7	4		1		7	30	15	2	1	S 10° W	S 5° E	75	81	161	170	13·40	2·75	Zanzibar.	
										Observations not received.																					Diego Garcia.	
·726	·855	·844	·833	−·030	75	76	72	77	− 3	4·5	5·7	5·1	0†	11	2	5	10	13	4	2		13	N 89° E	N 8° E	20	9	97*	112	2·83	1·76	Seychelles.	
										Observations not received.																					Mauritius.	

* Uncorrected for scale error.

Table B.—Abstract of observations taken at 8 hrs. at 241 stations in India, etc., in April, 1911.

(1) Provincial means.

(2) Data of stations.

(1) Provincial means based on the material in Table B (2) except that the statement of rainfall depends on the complete data of about 2,000 stations.

	Pressure departure from normal.	Temperature of air.								Wind.		Hygrometry.				Cloud.		Rainfall.		
		Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Absolute range during month.	Departure of velocity from normal.	Departure of steadiness from normal.	Mean humidity.	Departure from normal.	Mean vapour tension.	Departure from normal.	Mean cloud amount.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.
Burma	—·001	93·5	—2·7	72·9	—1·5	83·2	—2·1	20·6	32·0	—0·4	—14	75	+ 3	·749	—·031	3·8	+0·3	3·68	1·49	+2·19
Eastern Bengal and Assam	+·004	88·6	—2·2	71·1	—0·3	79·8	—1·2	17·5	32·0	—1·1	— 3	82	0	·752	—·020	4·5	—0·1	7·10	6·51	+0·59
Bengal	—·006	97·9	—1·4	73·4	—0·7	85·7	—1·0	24·5	38·6	—0·5	+ 5	64	+ 1	·666	—·009	2·1	—0·2	0·99	1·13	—0·14
United Provinces of Agra and Oudh.	—·002	98·8	—1·5	68·4	—2·2	83·6	—1·8	30·4	47·4	0	+10	40	— 1	·407	—·031	0·8	—0·6	0·07	0·18	—0·11
Punjab	+·014	93·6	—3·5	65·6	—1·3	79·6	—2·4	27·9	46·1	+0·1	+ 8	49	+ 3	·431	—·006	1·9	—0·3	0·22	0·42	—0·20
North-West Frontier Province	+·003	86·9	—3·7	61·3	—2·1	74·1	—2·9	25·6	46·3	—0·9	— 1	61	+ 3	·465	—·013	2·5	—0·3	0·95	1·32	—0·37
Sind	+·025	94·9	—2·5	70·9	—0·9	82·8	—1·6	24·0	42·9	—1·8	+ 2	60	+ 4	·589	+·014	2·0	+0·1	0	0·13	—0·13
Rajputana	+·012	99·7	—0·7	71·6	—1·9	85·6	—1·3	28·2	43·6	+0·5	+ 3	32	— 1	·344	—·055	1·1	—0·5	0·03	0·09	—0·06
Bombay	+·020	95·5	—1·2	72·1	—1·7	83·8	—1·4	23·5	34·7	+0·3	+17	60	— 1	·610	—·033	1·8	—0·4	0·04	0·48	—0·44
Central India	+·007	99·4	—1·4	69·1	—1·8	84·2	—1·6	30·3	44·9	—1·0	+19	35	0	·380	—·021	1·0	—0·2	0	0·07	—0·07
Central Provinces	—·004	102·8	—0·2	72·8	—1·7	87·8	—1·0	30·1	41·4	—0·2	+12	27	—11	·315	—·155	0·6	—1·4	0	0·29	—0·29
Hyderabad	—·012	103·1	+2·0	77·5	+1·0	90·3	+1·5	25·6	35·0	—0·7	+13	36	—12	·446	—·117	1·4	—1·3	0·10	0·59	—0·49
Mysore	0	94·6	+1·1	68·7	—0·7	81·7	+0·2	25·9	33·2	+1·6	+29	73	+ 3	·639	—·007	2·9	—0·9	1·09	1·64	—0·55
Madras	—·009	96·2	+0·4	77·6	+0·2	86·8	+0·3	18·6	28·9	+1·1	+15	71	— 3	·810	—·042	3·6	—0·3	0·86	1·22	—0·36

Table

(2) *Abstract of observations taken at 8 hrs. at 24*

Number of subdivision.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	I.—Burma.																						
2	Victoria Point	97	29·805		29·831?	29·933	21st	29·727	11th	·206													
	Mergui	65	29·856	—·007	29·851	29·974	21st	29·775	11th	·199	81·9	90·7	—1·2	73·2	—0·5	81·9	—0·9	17·5	95·9	15th	70·4	5th & 8th.	25·5
	Tavoy	19	29·912	—·009	29·863	30·034	21st	29·839	12th	·195	78·5	91·9	—2·1	73·9	—0·3	82·9	—1·2	18·0	99·0	15th	67·8	2nd	31·2
	Moulmein	94	29·830	+·013	29·861	29·931	21st	29·752	12th	·209	80·3	93·2	—1·4	75·4	—1·0	84·3	—1·2	17·8	99·5	7th	69·3	1st	30·2
	Rangoon	18	29·891	0	29·846	30·038	20th	29·818	29th	·220	79·7	96·2	—2·4	75·7	—0·5	85·9	—1·5	20·5	100·6	12th	70·4	1st	30·2
	Bassein	27?	29·885	+·016	29·849	30·029	20th & 21st	29·802	29th	·227	81·5	94·9	—1·3	74·7	—0·8	84·8	—1·1	20·2	100·2	7th	69·4	2nd	30·8
	Diamond Island	41	29·867	—·008	29·843	30·007	21st	29·793	17th	·214	82·5	86·7	—2·0	75·7	—2·6	81·2	—2·3	11·0	90·4	30th	70·7	18th	19·7
	Toungoo	164	29·726	+·003	29·831	29·886	20th	29·645	12th	·241	82·7	97·9	—2·5	74·7	—1·3	86·3	—1·9	23·2	101·5	7th & 15th, 4 days	68·9	1st	32·6
	Kyaukpyu	18	29·869		29·827	30·025	21st	29·738	18th	·287	81·3	87·7		74·8		81·2		12·9	90·0		70·4	4th & 20th.	19·6
	Akyab	20	29·868	—·010	29·829	30·010	21st	29·746	18th	·264	79·5	88·1	—3·7	74·7*	—1·3*	81·4*	—2·5	13·4	90·9	7th & 15th.	67·5	20th	23·4
3	Thayetmyo	121	29·756	+·011	29·818	29·937	20th	29·652	18th	·285	82·1	100·7	—2·3	73·8	—2·0	87·3	—2·1	26·9	103·5	8th & 9th.	68·9	3rd	37·6
	Minbu	*165*	29·685	—·006	29·791	29·856	20th	29·574	29th	·282	79·9	99·4	—4·0	71·6	—2·3	87·0	—3·1	24·8	104·3	8th & 13th.	68·0	18th & 19th.	36·3
	Yamethin	657	29·191	—·010	29·797	29·354	21st	29·080	18th	·274	80·5	98·5	—3·8*	74·2	—1·9	86·3	—2·9	24·3	104·8	8th & 15th.	66·5	6th	38·3
	Mandalay	250	29·602	+·006	29·801	29·784	21st	29·480	29th	·304	81·5	99·9*	—2·4	74·7	—3·1	87·3*	—2·7	25·2	107·0	11th	67·6	19th	39·4
	Monywa	*280*	29·586		29·815	29·750	21st	29·461	18th	·289	80·3	98·6		74·2		86·4		24·4	105·3	10th & 11th,	62·1	18th & 19th.	38·2
	Lashio	*2,820*	27·087	—·026	29·812	27·235	21st	26·926	18th	·309	69·2	86·0	—4·9	61·6	—1·3	73·8	—3·1	24·4	91·8	15th	54·0	1st	37·8
	Bhamo	*381*	29·498	+·016	29·829	29·656	21st	29·334	29th	·322	72·5	90·5	—3·4	66·1	—1·5	78·3	—2·5	21·4	97·4	26th	59·1	1st	38·3
	Myitkyina	458	29·398		29·810	29·537	21st	29·228‡	28th	·309	73·5	88·1		66·8		77·5		21·3	98·2	27th & 28th.	62·5	7th	25·7
	II.—Eastern Bengal and Assam.																						
4	Dibrugarh	353	29·520		29·840	29·736	21st	29·334	29th	·402	70·2	79·8		67·8		73·5		12·0	91·4	27th	62·1	6th	29·3
	Sibsagar	333	29·544	—·003	29·844	29·777	22nd	29·365	29th	·412	70·2	79·1	—3·4	66·7	+0·2	72·9	—1·6	12·4	91·6	27th	61·0	6th	30·6
	Tezpur	252	29·609		29·825	29·805	21st	29·416	29th	·389	71·9	83·7		68·4		76·0		15·3	94·1	27th	64·4	5th	29·7
	Gauhati	185	29·666		29·821	29·871	21st	29·481	29th	·390	73·1	86·7		67·9		77·3		18·8	96·3	30th	61·6	22nd	34·7
	Dhubri	115	29·730	+·009	29·801	29·910	22nd	29·552	29th	·358	75·3	86·1	—2·6	70·5	—0·2	78·3	—1·4	15·6	92·5	27th	64·1	19th	28·4
	Silchar	104	29·781	+·004	29·839	29·925	21st	29·612	18th	·313	74·5	86·3	—2·2	69·3	+0·1	77·8	—1·1	17·0	92·3	15th, 28th & 29th.	61·8	6th	30·5
5	Cox's Bazar	36	29·843		29·823	29·991	21st	29·728	18th	·263	80·1	86·4		72·5		79·5		13·9	89·7	29th	64·7	29th	25·0
	Chittagong	87	29·803	+·012	29·836	29·976	21st	29·689	18th	·287	78·3	87·0	—1·9	72·4	—1·3	79·7	—1·6	14·6	90·0	16th	63·0	19th & 20th.	27·0
	Noakhali	43	29·823		29·813	29·997	21st	29·705	18th	·292	79·3	86·9		74·5		80·7		12·4	90·3	15th	63·9	19th	26·4
	Barisal	12	29·849	+·007	29·799	30·030	21st	29·736	10th	·294	81·1	90·6	—1·6	74·3	—1·1	82·4	—1·3	16·3	94·6	11th	65·1	5th	29·7
	Comilla	36	29·826		29·810	29·988	21st	29·690	29th	·298	78·5	90·2		73·5		81·8		16·7	94·3	5 days	65·3	6th & 19th.	29·0
	Narayanganj	26	29·811	0	29·786	30·001	21st	29·688	29th	·313	79·9	90·5	—2·7	74·5	+0·2	82·5	—1·3	16·0	95·5	16th	64·3	19th	31·2
	Faridpur	46	29·794		29·790	29·971	21st	29·670	29th	·301	79·2	92·3		72·9		82·6		19·4	97·8	16th	63·9	5th	33·9
	Sirajganj	49	29·784‡		29·783‡	29·945	22nd	29·643	29th	·305	78·0	92·0		72·8		82·4		19·2	101·9	10th	63·8	19th	38·1
	Mymensingh	63	29·791	+·015	29·806	29·937	22nd	29·648	10th	·289	78·3	89·3	—1·5	72·5	+0·3	80·9	—0·6	16·8	96·1	30th	65·6	19th	30·5
	Bogra	75	29·753	+·003	29·779	29·923	22nd	29·602	29th	·321	78·3	94·2	—2·0	71·8	—0·1	83·0	—1·1	22·4	104·2	16th	64·2	19th	40·0
	Rampur Boalia	70	29·741		29·761	29·925	22nd	29·620	29th	·305	81·5	97·2		73·8		85·5		23·4	104·1	10th, 15th & 16th.	61·1	19th	43·0
	Malda	72	29·730		29·754	29·923	1st	29·582	9th	·341	79·7	95·5		70·8		83·1		24·7	103·3	15th	62·5	6th & 19th.	38·8
	Dinajpur	123	29·682	—0·07	29·761	29·859	21st	29·507	29th	·352	75·2	92·5	—2·1	69·5	—1·2	81·0	—1·7	23·0	101·3	14th	64·0	19th	37·3
	Rangpur	123	?		?						76·5	89·0		68·8		78·9		20·2	97·6	30th	63·4	19th	34·2

*=Mean of 29 days.
‡ " " 28 "

N.B.—Elevations in italics indicate barometrical determinations.
NOTE.—The barometric readings are not reduced to sea-level, in the cases of hill or plateau

B.

stations in India, etc., in April, 1911.

Wind direction. Number of winds from: Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Resultant direction.	Normal direction.	Wind velocity. Mean velocity, miles per hour.	Normal.	Departure from normal.	Wind steadiness. Actual percentage.	Departure from normal.	Hygrometry, 8 hrs. Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs., in inches of mercury.	Departure from normal, in inches of mercury.	Cloud. Mean cloud amount at 8 hrs.	Departure from normal.	Rainfall. Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st Dec. 1910, to 30th April, 1911.	Normal rainfall for period, 1st Dec. to 30th April.	Departure from normal of period 1st Dec., 1910, to 30th April, 1911.	Heaviest rainfall during month.	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	54	55	56	57
																																I.—Burma.
		7	7	7	4	2	2	1	S 69° E					46						7·8		6			2·40§						0·98	Victoria Point.
27		2						1	N 18° E	N 8° W	7·0	2·3	+4·7	7	−50	83	+ 2	·887	−·006	3·8	−0·8	8	6·70	+1·30	7·23	6·54	+ 0·69	13·24	12·84	+ 0·40	2·43	Mergui.
30									(a)	N 27° W	1·8†	1·6	+0·2			84	+ 1	·814	−·053	2·0	−2·3	5	5·30	−0·30	5·74	3·78	+ 1·96	6·82	5·94	+ 0·88	3·56	Tavoy.
11	2	2	8	3	3		1		S 81° E	S 34° E	4·3	3·9	+0·4	37	− 8	79	0	·818	−·043	5·4	+1·4	6	5·00	+1·00	8·64	3·11	+ 5·53	6·68	4·13	+ 4·55	3·54	Moulmein.
14	1	2	1		2	4	4	2	S 81° W	S 61° W	3·7	5·6	−1·9	20	−50	79	− 1	·806	−·042	5·0	+1·9	2	2·20	−0·20	1·13	1·83	− 0·70	1·13	2·55	− 1·42	0·76	Rangoon.
22					2		1	5	N 71° W	N 55° W	6·6	6·1	+0·5	17	−50	77	− 2	·826	−·044	4·1	+0·6	1	2·10	−1·10	0·12	1·55	− 1·43	0·13	2·12	− 1·99	0·12	Bassein.
1	2	1	1	1	2	2	6	14	N 60° W	N 47° W	13·8	8·5	+5·3	56	− 7	74	0	·827	−·022	4·1	−0·1	3	2·09	+0·91	1·65	1·46	+ 0·19	2·00	2·49	− 0·49	1·29	Diamond Island.
2	1	1		11	12	2		1	S 19° E	S 28° E	3·2	4·6	−1·4	66	− 8	73	0	·806	−·042	2·4	−0·4	5	3·10	+1·90	4·01	2·28	+ 1·73	5·31	2·79	+ 2·52	1·55	Toungoo.
1		4	6	8	1		3	7	N 81° E		4·6†			23		79		·819		3·9		5			4·14			5·08			1·87	Kyaukpyu.
2	2	6	7	7	1	1	1	3	N 82° E	N 48° E	4·5	3·8	+0·7	40	− 7	85	+ 5	·852	−·033	4·6	+0·1	3	1·80	+1·20	15·83	1·28	+14·55	16·64	2·68	+13·96	8·47	Akyab.
4		4		3	10	8		1	S 6° W	S 10° W	5·8†	6·5	−0·9	46	−17	76	+14	·830	+·095?	3·2	+2·1	3	1·60	+1·40	1·71	0·90	+ 0·81	1·71	1·14	+ 0·57	1·00	Thayetmyo.
3	1	2		19		3	1	1	S 42° E	S 45° E	3·4	9·7	−6·3	53	+ 5	66	+ 6	·663	−·014	2·8	+1·6	5	1·20	+3·80	2·63	0·85	+ 1·83	2·68	1·55	+ 1·13	1·20	Minbu.
4				13	12	1			S 21° E	S 28° E	3·0	6·8	−3·2	79	+ 8	68	+ 3	·693	−·043	1·6	+0·6	4	3·60	+0·40	2·13	1·52	+ 0·61	2·23	2·68	− 0·45	0·88	Yamethin.
6	1			16	6	1			S 31° E	S 3° W	4·3	6·3	−2·0	66	+19	60	+ 1	·621	−·089	2·0	−0·4	5	2·40	+2·60	4·34	1·12	+ 3·22	5·13	1·67	+ 3·46	3·09	Mandalay.
5	9	2	2	6	2			4	N 35° E		3·3			30		61		·662		2·8		3	2·00	+1·00	1·49	0·71	+ 0·78	2·46	1·10	+ 1·36	0·95	Monywa.
14	2	10	2			1		1	N 4[illegible]° E		3·4†			40		73	+ 3	·526	+·015	3·8	−1·7	6			4·90	2·20	+ 2·70	6·27	4·12	+ 2·15	2·20	Lashio.
22	4	4							N 24° E	N 14° W	2·3	4·2	−1·9	27	− 6	81	+ 7	·648	+·014	5·1	+1·3	6	4·80	+1·20	4·54	1·66	+ 2·88	6·66	3·85	+ 2·81	1·48	Bhamo.
25		2	3						N 72° E		2·7			13		74		·605		3·9		7			2·40	1·75	+ 0·65	5·50	4·65	+ 0·85	0·65	Myitkyina.
																																II.—Eastern Bengal and Assam.
19		4	5	1				1	N 70° E		1·5			27		89		·661		7·3		13	13·50	−0·50	9·60	9·76	− 0·16	18·93	19·99	− 1·06	2·41	Dibrugarh.
8	3	14	1	1	2	1			N 49° E	N 48° E	3·5	3·3	+0·2	46	− 7	89	− 1	·656	−·033	7·6	+0·7	15	14·50	+0·50	11·72	9·50	+ 2·22	23·21	18·47	+ 4·74	1·65	Sibsagar.
4		18	6	1			1		N 57° E		6·3			69		85		·669		6·1		14	11·00	+3·00	7·37	5·92	+ 1·45	12·54	10·55	+ 1·99	2·09	Tezpur.
17	1	5	3	1	2		1		N 74° E		3·1			23		83		·671		4·1		11	10·20	+0·80	5·32	5·87	− 0·55	7·97	10·30	− 2·33	1·28	Gauhati.
3		12	12		1	2			N 75° E	N 72° E	10·1	8·7	+1·4	59	− 4	80	+ 1	·693	+·006	4·4	−0·6	11	7·40	+3·60	6·88	4·73	+ 2·15	8·37	7·59	+ 0·78	2·50	Dhubri.
22		6			1	1			N 54° E	N 82° E	2·8	3·4	−0·6	13	−12	84	+ 1	·727	−·003	3·5	−2·6	10	13·70	−3·70	11·47	13·61	− 2·14	26·10	25·71	+ 0·39	2·50	Silchar.
1			6	9	6	5	2	1	S 22° E		5·6			53		83		·839		3·5		4			8·29			13·39			4·44	Cox's Bazar.
4		1	3	15	4	2	1		S 38° E	S 47° E	4·0	6·9	−2·9	62	+ 5	81	+ 1	·788	−·052	4·5	+0·1	7	4·42	+2·58	7·53	3·85	+ 3·68	9·67	8·72	+ 0·95	2·90	Chittagong.
2		1	3	5	6	10	3		S 13° W		5·7			43		84		·836		4·2		6	4·61	+1·39	6·35	4·66	+ 1·69	8·45	9·23	− 0·78	2·25	Noakhali.
8			3	2	13	4			S 5° E	S 8° W	3·1	5·7	−2·6	56	+ 1	79	− 3	·840	−·063	5·6	+0·7	3	4·29	−1·29	1·91	3·12	− 1·21	6·29	7·39	− 1·10	1·32	Barisal.
11		3	1	10	5				S 45° E		3·9			47		88		·863		2·9		7	6·46	+0·54	5·93	6·27	− 0·34	10·92	10·74	+ 0·18	1·65	Comilla.
	1		4	5	8	9	3	2	S 13° W	S 10° E	6·4	7·3	−0·9	43	−14	81	− 1	·816	−·034	5·3	−0·6	6	6·59	−0·59	2·87	4·51	− 1·64	7·97	9·08	− 1·11	1·20	Narayanganj.
1		3		5	18	2	1		S 8° E		5·2			70		85		·847		4·1		5	6·00	−1·00	2·36	4·16	− 1·80	4·11	8·35	− 4·24	1·01	Faridpur.
5			4	8	10	3			S 21° E		6·1†			67		83		·789		5·5		4	4·60	−1·60	4·12	2·95	+ 1·17	4·97	5·70	− 0·73	1·93	Sirajganj.
8			8	12	1	1			S 57° E	S 68° E	2·4	4·3	−1·9	62	− 8	82	0	·783	+·017	6·0	+0·7	6	6·23	−0·23	6·35	5·37	+ 0·98	7·75	8·98	− 1·23	3·24	Mymensingh.
4	1		9	7	9				S 47° E	S 63° E	3·0	4·6	−1·6	62	+ 3	73	− 4	·725	−·035	4·3	+0·5	6	3·81	+2·19	6·90	2·07	+ 4·83	7·40	4·84	+ 2·56	2·96	Bogra.
12			1	5	9	3			S 43° W		2·8			53		75		·793		2·0		2	2·95	−0·95	0·80	1·81	− 1·01	1·53	4·21	− 2·68	0·60	Rampur Boalia.
	1	4	6	9	2	5	2	1	S 52° E		5·6†			37		78		·782		0·8		2	1·81	+0·19	1·19	1·35	− 0·16	1·92	3·84	− 1·92	0·79	Malda.
		8	14	4	1	2	1		N 89° E	N 86° E	4·6	5·6	−1·0	67	+19	77	+ 5	·684	+·035	3·4	−0·7	6	3·21	+2·79	3·13	2·33	+ 0·80	4·79	3·92	+ 0·87	1·31	Dinajpur.
	1	11	9	3	3	2	1		N 83° E		4·0			57		80		·731		5·8		6	4·39	+1·61	5·31	3·16	+ 2·15	6·41	5·33	+ 1·08	1·55	Rangpur.

stations, the elevations of which exceed 3,200 feet. † Uncorrected for scale error. § Rainfall since 15th April 1911. (a). Indeterminate.

Table

(2) *Abstract of observations taken at 8 hrs. at 241*

Number of subdivision.	Station.	Elevation of barometer above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	II.—Eastern Bengal and Assam—*concld.*																						
5	Jalpaiguri	283	29·545	—·001	29·790	29·722	22nd	29·352	10th	·370	74·7	87·4	—2·1	68·8	+0·6	78·1	—0·7	18·6	93·4	26th	64·4	10th	29·0
	Cooch Behar	156	29·684		29·798	29·855	22nd	29·506	10th	·349	73·9	85·9		69·1		77·5		16·8	92·8	26th	65·6	7th & 19th.	27·2
	III.—Bengal.																						
6	Saugor Island	25	29·795	—·008	29·765	29·949	22nd	29·638	17th	·251	82·8	90·7	—0·1	79·4	—0·5	85·0	—0·3	11·3	97·0	11th	69·5	21st	27·5
	Midnapore†	149	29·664		29·760	29·836	21st	29·560	29th	·276	81·6	99·6		75·8		87·7		23·8	106·3	9th	65·7	21st	40·6
	Calcutta	21	29·758	—·004	29·766	29·956	21st	29·699	29th	·297	81·1	94·9	—0·7	76·1	+0·4	85·5	—0·1	18·8	101·9	29th	68·0	21st	33·9
	Jessore	35	29·797	+·002	29·777	29·986	21st	29·683	29th	·303	81·1	94·7	—2·5	74·6	—0·5	84·6	—1·5	20·1	101·0	13th	67·2	21st	33·8
	Krishnagar	47	29·771		29·765	29·872	21st	29·647	29th	·325	79·9	96·4*		75·1		85·7*		21·3	102·4	4 days	66·0	20th	36·4
	Burdwan	89	29·703	—·006	29·751	29·888	21st	29·596	29th	·292	80·1	99·4	—1·2	75·3	—0·4	87·3	—0·8	24·1	107·4	10th	67·8	20th	39·6
	Bankura	313	29·478		29·743	29·601	21st & 22nd.	29·371	29th	·290	80·9	101·9		75·5		88·7		26·4	108·6	10th	69·2	8th	39·4
	Raniganj	334	29·470		29·759	29·662	21st	29·365	29th	·297	79·8	101·1		74·8		87·9		26·3	106·5	4 days	68·0	22nd	38·5
	Berhampore	67	29·741	+·001	29·758	29·926	21st & 22nd.	29·615	29th	·311	80·3	99·1	—0·9	71·6	0	86·9	—0·5	24·5	105·6	15th & 16th.	69·2	6th	36·4
	Naya Dumka	489	29·308		29·757	29·488	22nd	29·195	29th	·293	80·8	100·0		73·7		85·8		26·3	105·9	15th	65·5	6th	39·4
7	Balasore	50	29·764	—·005	29·759	29·917	22nd	29·665	9th	·252	81·9	95·3	—2·2	75·3	—0·7	85·3	—1·5	20·0	103·4	29th	68·1	21st	35·3
	False Point	21	29·807	—·015	29·771	29·563	22nd	29·708	18th	·255	82·3	88·4	—1·5	76·9	—0·7	82·7	—1·1	11·5	92·2	11th	69·1	22nd	23·1
	Cuttack	80	29·715	—·008	29·765	29·887	22nd	29·640	18th	·247	82·0	99·5	—2·5	77·4	—0·6	88·5	—1·5	22·1	106·4	10th	69·2	22nd & 28rd.	37·2
	Puri	24	29·807		29·770	29·949	21st	29·697	18th	·252	81·0	87·9		77·2*		82·5*		10·7	91·6	20th	76·6	22nd	21·0
	Angul	455	29·362		29·776	29·493	22nd	29·267	18th	·226	81·5	101·8		74·0		87·9		27·8	106·6	20th	66·0	8th	40·6
	Sambalpur	480	29·318	—·022	29·750	29·460	22nd	29·208	18th	·252	83·0	103·5	—0·8	74·8	—0·8	89·1	—0·8	28·7	109·1	15th	66·6	8th & 11th.	42·5
8	Chaibassa	*733*	29·055	—·014	29·739	29·220	21st	28·957	18th	·263	80·6	102·7	—0·6	73·1	—2·3	87·9	—1·5	29·6	108·1	20th & 28th.	67·3	22nd	40·8
	Ranchi	2,128	27·697	—·002	29·719	27·843	21st	27·583	18th	·260	80·7	96·8	—0·3	71·2	—0·9	84·0	—0·6	25·6	101·2	27th & 28th.	66·9	7th & 21st.	34·3
	Purulia	*816*	28·962†		29·755†	29·067	23rd	28·850	29th	·207	76·3	101·9		73·2		87·5		28·7	108·0	10th	67·1	23rd	40·9
	Hazaribagh	2,007	27·812	+·004	29·714	27·957	22nd	27·708	18th	·249	83·8	97·1	—1·0	65·6‡	—5·4‡	80·5‡	—3·2?	31·5	101·6	4th & 27th.	61·3	6th	40·3
	Daltonganj	*730*	29·073?		29·763?	29·209	22nd	28·936	18th	·273	79·5	102·8		69·5		86·2		33·3	109·1	27th	60·0	6th	49·1
9	Purnea	134	29·675	+·010	29·765	29·879	21st	29·508	10th	·371	77·5	95·2	—1·7	69·9	—0·1	82·6	—0·9	25·4	102·6	16th	62·2	12th	40·4
	Bhagalpur	160	29·628		29·741	29·810	22nd	29·485	10th	·325	82·5	98·4		71·6		84·9		26·8	106·2	28th	63·8	6th	42·4
	Monghyr	155	29·628		29·735	29·824	22nd	29·495	9th	·329	82·0	97·3		72·0		84·8		25·3	105·7	28th	64·9	21st	40·8
	Darbhanga	165	29·626	—·006	29·747	29·830	22nd	29·463	29th	·367	78·4	95·3	—0·8	69·8	—2·0	82·6	—1·4	25·4	103·1	28th	62·3	5th & 6th.	40·8
	Pusa	183	29·601		29·744	29·800	22nd	29·450	29th	·350	80·1	98·4		68·8		83·6		29·6	107·4	28th	58·9	6th	48·5
	Muzaffarpur	177	29·617		29·752	29·825	22nd	29·471	29th	·355	79·8	95·6		69·0		82·3		26·6	103·2	28th	60·0	6th	43·2
	Motihari	221	29·559		29·744	29·760	22nd	29·404	29th	·356	76·3	94·4		68·6		81·5		25·8	101·6	28th	59·3	6th	42·3
	Chapra	181	29·595		29·732	29·784	22nd	29·475	9th	·309	79·3	98·8		71·3		85·0		27·5	104·8	27th & 28th.	64·3	6th	40·5
	Patna	183	29·596	—·011	29·735	29·789	22nd	29·471	9th	·318	81·6	96·6	—4·0	73·4	—0·1	85·0	—2·1	23·2	103·5	28th	65·7	6th	37·8
	Arrah	190	29·582		29·725	29·752	22nd	29·462	18th	·300	82·6	99·1		70·8		85·0		28·3	105·1	27th & 28th.	61·8	6th	43·3
	Buxar	239	29·531		29·727	29·705	22nd	29·404	18th	·301	81·4	99·8		72·3		86·1		27·5	105·5	27th	62·6	6th	42·9
	Dehri	351	29·421		29·727	29·579	22nd	29·274	18th	·305	82·5	102·0		74·6		88·3		27·4	108·3	27th	69·0	7th	39·3
	Gaya	372	29·406	—·011	29·730	29·577	22nd	29·290	18th	·287	84·1	102·2	—1·2	73·7	—1·2	88·0	—1·2	28·5	107·4	27th	65·2	6th	42·2
	IV.—United Provinces of Agra and Oudh.																						
10	Gorakhpur	257	29·609	—·006	29·725	29·693	22nd	29·378	29th	·315	80·0	97·5	—2·9	69·1	—3·3	83·3	—2·1	28·4	105·1	28th	61·3	6th	43·8
	Benares	267	29·515	—·003	29·736	29·665	21st	29·383	18th	·282	83·3	101·1	—2·0	69·1*	—2·8*	85·4*	—2·4	32·0	107·6	28th & 27th	59·6	6th	48·0
	Allahabad	309	29·465	—·015	29·729	29·605	22nd	29·327	18th	·278	83·1	102·4	—1·4	70·2	—2·2	86·3	—1·8	32·2	109·1	28th & 27th	63·0	6th & 7th	46·1

N.B.—Elevations in italics indicate barometrical determinations.

* Mean of 29 days.
† " " 28 "

NOTE.—The barometric readings are not reduced to sea-level, in the cases of hill or plateau

‡ Mean of 12 days.

B—*continued.*

stations in India, etc., in April, 1911—continued.

Wind direction. Number of winds from: Calm	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Resultant direction.	Normal direction.	Wind velocity. Mean velocity, miles per hour.	Normal.	Departure from normal.	Wind steadiness. Actual percentage.	Departure from normal.	Hygrometry, 8 hrs. Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs. in inches of mercury.	Departure from normal in inches of mercury.	Cloud. Mean cloud amount at 8 hrs.	Departure from normal.	Rainfall. Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st Dec., 1910 to 30th April, 1911.	Normal rainfall for period, 1st Dec., to 30th April.	Departure from normal of period, 1st Dec., 1910, to 30th April, 1911.	Heaviest rainfall during month.	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	54	55	56	57
																																II.—Eastern Bengal and Assam—*concld.*
9	1	3	9	8					S 81° E	N 88° E	2·2			56	−11	77	+ 1	·672	−·005	3·6	+0·8	7	5·53	+ 1·47	10·47	3·85	+ 6·62	13·40	6·07	+ 7·33	4·90	Jalpaiguri.
4	1	5	12	8					S 87° E		2·8			70		80		·671		5·4		10	7·41	+ 2·59	8·10	5·88	+ 2·22	12·82	8·47	+ 4·35	3·71	Cooch Behar.
																																III.—Bengal.
		2		3	15	10			S 8° W	S 18° W	19·4	17·9	+1·5	76	− 1	81	+ 1	·901	−·024	5·3	−0·5	1	2·00	− 1·00	1·15	0·85	+ 0·30	2·39	3·84	− 1·45	1·06	Saugor Island.
	2	2		1	23				S 6° E		5·0			71		75		·790		1·6		2	3·10	− 1·10	2·47	1·78	+ 0·69	3·81	5·29	− 1·48	2·33	Midnapore.†
	1		3	3	10	12	1		S 12° W	S 25° W	7·1*	7·0	+0·1	66	− 4	80	+ 2	·852	−·001	3·7	+0·3	2	2·92	− 0·92	2·03	1·43	+ 0·60	4·05	4·16	− 0·11	1·46	Calcutta.
1			1	8	7	9	4		S 12° W	S 1° E	4·3	4·1	+0·2	66	+14	73	− 3	·831	−·053	4·7	0	3	4·68	− 1·68	3·21	3·18	+ 0·03	6·05	6·91	− 0·86	2·11	Jessore.
7			1	4	8	7	3		S 14° W		2·8			57		82		·837		3·8		4	3·39	+ 0·61	0·71	2·43	− 1·72	2·81	5·17	− 2·36	0·26	Krishnagar.
2		2	2	2	4	15	1	1	S 29° W	S 27° W	3·7	4·8	−1·1	56	− 4	79	+ 9	·820	+·056	2·7	−0·6	2	3·48	− 1·46	2·79	1·75	+ 1·04	4·09	4·41	− 0·32	2·42	Burdwan.
14				3	1	9	1	2	S 41° W		4·5			33		61		·611		0·9		1	3·00	− 2·00	0·40	1·53	− 1·13	1·39	4·33	− 2·94	0·39	Bankura.
26			2	2					S 72° E		2·1			10		69		·706		0·9		3	2·47	+ 0·53	1·44	1·59	− 0·15	2·80	3·91	− 1·11	0·95	Raniganj.
2		1	4	1	17	5			S 6° E	S 2° E	4·6	4·8	−0·2	69	+12	76	0	·786	−·001	3·3	−0·5	1	2·58	− 1·58	0·28	1·24	− 0·96	1·35	3·70	− 2·35	0·18	Berhampore.
23		2	1	2	2				S 63° E		3·2			13		66		·637		1·2		0	2·38	− 2·38	0	1·02	− 1·02	1·15	3·28	− 2·13	0	Naya Dumka.
4			1		11	14			S 23° W	S 29° W	4·6	8·6	−4·0	76	+21	74	− 4	·791	−·082	2·7	−1·3	3	3·58	− 0·58	0·75	1·86	− 1·11	3·51	5·33	− 1·82	0·27	Balasore.
			1	3	4	20	1	1	S 33° W	S 38° W	12·7	13·8	−1·1	76	− 1	80	− 2	·830	−·048	6·4	+1·2	1	1·84	− 0·84	1·09	0·73	+ 0·36	1·95	3·98	− 2·03	1·09	False Point.
10			1	1	6	10	2		S 29° W	S 39° W	4·2*	5·0	−0·8	53	− 7	80	+ 8	·870	+·041	5·2	+1·7	2	1·97	+ 0·03	1·75	0·98	+ 0·77	6·86	3·10	+ 3·76	1·21	Cuttack.
1	1	1			2	25			S 43° W		13·3			80		87		·914		4·6		1	1·17	− 0·17	0·39	0·80	− 0·41	0·51	3·35	− 2·84	0·30	Puri.
9	2	5	3	7	3			1	S 80° E		6·5			37		73		·784		0·3		3			1·05			3·75			0·60	Angul.
1		4	7	6	5	5	1	1	S 44° E	S 87° E	3·0	3·9	−0·9	43	+33	52	+ 1	·618	+·008	2·2	0	0	1·50	− 1·50	0·02	0·60	− 0·58	1·14	2·70	− 1·56	0·02	Sambalpur.
10				1	6	9	3	1	S 37° W	S 62° W	3·8	2·6	+1·2	49	−10	63	+ 5	·659	+·001	1·3	−0·5	1	2·06	− 1·06	0·90	1·36	− 0·46	2·47	3·91	− 1·44	0·90	Chaibassa.
7	1		1		2	9	3	7	S 80° W	S 51° W	7·4	7·4	0	43	− 5	37	− 7	·383	−·099	1·2	−0·3	0	2·16	− 2·16	0·05	0·84	− 0·79	2·15	3·95	− 1·80	0·05	Ranchi.
10			2	5			9	4	S 81° W		3·7			20		58		·531		0·8		1	2·39	− 1·39	1·23	0·99	+ 0·24	2·83	3·64	− 0·81	1·23	Purulia.
5				2	6	8	4	5	S 51° W	S 55° W	7·5	8·9	−1·4	49	− 4	29	− 7	·329	−·061	0·7	−1·3	1	1·35	− 0·35	0·18	0·39	− 0·21	1·78	2·62	− 0·84	0·18	Hazaribagh.
18	1		4	2		1	3	1	S 64° E		4·5			4		43		·430		1·2		0	0·70	− 0·70	0·01	0·27	− 0·26	1·58	2·48	− 0·90	0·01	Daltonganj.
7	1	11	6	3				2	N 61° E	N 68° E	4·5	4·7	−0·2	53	− 7	73	+ 6	·682	+·081	2·8	+0·2	2	1·93	+ 0·07	1·07	1·22	− 0·15	2·62	2·79	− 0·17	0·86	Purnea.
25		1	2	1			1		E		3·6			7		56		·605		0·6		1	1·45	− 0·45	0·47	0·88	− 0·41	1·43	2·62	− 1·19	0·47	Bhagalpur.
3	1	1	13	4			5	3	N 81° E		8·5			30		59		·633		0·4		1			0·71			2·45			0·66	Monghyr.
3	2	1	21	1	1		1		N 87° E	S 67° E	4·2	5·7	−1·5	89	+36	66	+ 3	·645	+·022	0·8	−0·4	1	1·47	− 0·47	1·37	0·70	+ 0·67	3·15	2·35	+ 0·79	1·23	Darbhanga.
1		2	9	10		4	1	1	S 58° E†		5·1			50		57		·582		0·6		2			0·44			1·28			0·34	Pusa.
6		1	10	9		2	2		S 63° E		8·6*			50		63		·622		3·3		1	0·90	+ 0·10	0·40	0·47	− 0·07	1·56	2·23	− 0·67	0·34	Muzaffarpur
16		3	8	3					E		1·3			40		65		·588		1·1		1	1·23	− 0·23	0·32	0·68	− 0·36	2·50	2·27	+ 0·23	0·20	Motihari.
																67		·671		1·0		1	0·55	+ 0·45	0·35	0·32	+ 0·03	1·66	2·02	− 0·36	0·35	Chapra.
3		2	15	1	2	3	4		S 73° E	S 81° E	7·3	4·9	+2·4	37	+17	52	+ 1	·559	+·003	0·7	−0·6	0	0·58	− 0·58	0·03	0·27	− 0·19	1·05	1·92	− 0·87	0·08	Patna.
4	1		8	1	3	3	10		S 31° W		9·7			20		43		·478		1·0		1	0·55	+ 0·45	0·36	0·47	− 0·11	1·53	2·56	− 1·03	0·86	Arrah.
			11	2	2	7	7	1	S 2° W		7·2			24		41		·435		1·2		0	0·35	− 0·35	0·04	0·15	− 0·11	2·28	1·93	+ 0·35	0·04	Buxar.
10	1	1		2	2	9	3	2	S 52° W		4·0			37		40		·420		0·5		0	0·41	− 0·41	0·04	0·10	− 0·06	2·06	2·06	0	0·04	Dehri.
13		1	2	4	3	2	5		S 8° W	S 34° W	3·3	4·8	−1·5	23	−10	56	+ 5	·652	+·054	1·0	−0·7	0	0·58	− 0·58	0·07	0·15	− 0·08	1·53	2·09	− 0·56	0·07	Gaya.
																																IV.—United Provinces of Agra and Oudh.
14		6	2	2		2	3	1	N 49° E	N 57° E	2·5	3·5	−1·0	10	− 1	46	− 5	·466	−·068	0·2	−1·1	0	0·50	−0·50	0	0·45	−0·45	2·86	2·17	+ 0·69	0	Gorakhpur.
7		1	3	3	1	6	7	2	S 52° W	S 53° W	3·6	3·5	+0·1	27	+ 5	42	− 6	·471	−·023	0·6	−0·7	2	0·40	+1·60	0·36	0·13	+ 0·23	2·89	1·72	+ 1·17	0·21	Benares.
5	2	1	2	2	1	2	11	4	N 82° W	N 86° W	4·5	5·3	−0·8	37	+15	37	+ 1	·407	−·017	0·9	−0·7	1	0·20	+0·80	0·23	0·13	+0·10	2·66	1·86	+ 0·80	0·23	Allahabad.

† stations, the elevations of which exceed 3,200 feet.

* Uncorrected for scale error.

Table

(2) Abstract of observations taken at 8 hrs. at 241

Number of subdivision.	Station.	Elevation of barometer above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and constant gravity, at 45° lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	IV.—United Provinces of Agra and Oudh—*concld.*																						
10	Cawnpore	416	29·358	0	29·730	29·592	22nd	29·222	18th	·280	82·1	101·8	−0·4	70·1	−2·2	85·9	−1·3	31·7	108·7	26th	60·9	6th	47·8
	Lucknow	368	29·413	+·006	29·738	29·574	22nd	29·304	18th	·270	83·2	101·5	−0·9	69·9	−1·0	85·7	−0·9	31·6	109·0	26th & 27th.	62·6	6th	46·4
	Bahraich	401	29·358	−·012	29·720	29·538	21st	29·241	29th	·297	79·5	98·3	−1·3	68·6	−1·1	83·5	−1·2	29·7	108·1	27th	59·0	5th	47·1
11	Jhansi	824	28·993	0	29·768	29·109	22nd	28·869	18th	·240	84·9	102·9	−1·3	73·2	−3·5	88·0	−2·4	29·7	109·5	26th	61·5	6th	48·0
	Agra	556	29·234	−·001	29·746	29·364	22nd	29·087	18th	·277	82·6	101·0	−1·6	72·1	−1·6	86·5	−1·6	28·9	108·5	26th	62·0	5th	46·5
	Mainpuri	516	29·259	0	29·736	29·404	22nd	29·117	18th	·267	78·5	101·8	−0·7	68·1	−2·4	85·0	−1·5	33·7	109·3	26th	57·6	5th	51·7
	Bareilly	568	29·183	−·012	29·714	29·327	22nd	29·051	18th	·276	78·8	97·4	−1·9	67·8	−1·1	82·6	−1·5	29·6	105·3	27th	57·5	5th	47·8
	Meerut	733	29·056	+·020	29·757	29·184	23rd	28·916	19th	·268	78·5	96·9	−1·6	65·5	−2·6	81·2	−2·1	31·4	105·6	26th	55·8	6th	49·8
	Roorkee	899	28·876	+·009	29·750	29·015	22nd	28·740	18th	·275	75·5	93·5	−4·7?	63·0	−3·5	78·2	−4·1?	30·5	103·0	26th	53·4	5th	49·6
	Dehra Dun	2,233	27·555	−·017	29·731	27·713	22nd	27·417	29th	·296	71·4	88·3	−2·3	62·2	−2·1	75·2	−2·2	26·1	97·5	26th	54·5	5th	43·0
	V.—Punjab.																						
12	Delhi	718	29·063	+·010	29·752	29·180	26th	28·928	19th	·252	79·2	96·9	−2·8	72·4	−1·1	84·7	−1·9	24·5	105·0	26th	61·7	4th	43·3
	Sirsa	662	29·130	+·017	29·765	29·281	26th	28·962	19th	·319	76·0	97·6	−3·5	65·8	−2·7	81·7	−3·1	31·8	105·3	18th	56·0	4th	49·3
	Patiala	*818*	28·944		29·737	29·049	23rd & 26th	28·714	19th	·335	77·2	93·7		66·4		80·1		27·3	102·8	26th	55·4	9th	47·4
	Ambala	892	28·869	−·004	29·734	29·012	26th	28·670	18th	·342	76·2	96·4	−1·3	65·9	−0·3	81·1	−0·8	30·5	105·5	26th	56·9	4th & 6th	48·6
	Ludhiana	812	28·966	+·011	29·755	29·108	26th	28·781	18th	·327	75·3	94·6	−2·8	66·3	−0·9	80·4	−1·9	28·3	103·0	26th	57·5	5th	45·5
	Lahore	702	29·078	+·012	29·761	29·256	26th	28·910	19th	·316	74·3	93·6	−4·6	64·2	−0·1	78·9	−2·3	29·4	101·9	18th	53·2	5th	48·7
	Sialkot	830	28·952	+·013	29·768	29·128	26th	28·802	18th	·326	72·5	90·0	−5·2	60·9	−5·4?	75·5	−5·3?	29·1	97·0	18th & 22nd.	51·5	5th	45·5
	Rawalpindi	1,674	28·111	+·015	29·804	28·315	26th	27·986	19th	·329	69·7	83·8	−4·6	58·1	−1·8	70·9	−3·2	25·7	92·4	17th & 22nd.	48·9	5th	43·5
13	Khushab	612	29·191	+·029	29·782	29·381	28th	29·020	19th	·361	76·3	92·3	−3·0	66·4	−1·6	79·3	−2·3	25·9	100·9	17th & 22nd.	54·9	5th	46·0
	Montgomery	558	29·229	+·018	29·761	29·423	26th	29·076	18th & 19th.	·347	77·9	95·2	−4·9	67·5§	−1·7§	81·7§	−3·3	27·7	104·4	17th	62·5	28th & 29th.	41·9
	Multan	420	29·391	+·019	29·782	29·600	26th	29·248	19th	·352	76·8	95·2	−3·8	67·3	−1·3	81·2	−2·5	27·9	103·8	22nd	56·5	4th	47·3
	VI.—North-West Frontier Province.																						
15	Peshawar	1,113	28·734	+·004	29·847	28·912	26th	28·560	19th	·352	69·0	85·6	−1·3	59·2	−1·6	72·4	−1·5	26·4	95·2	22nd	47·9	5th	47·3
	D. I. Khan	590	29·231	+·003	29·805	29·397	26th	29·060	19th	·337	72·2	88·3	−6·2	63·5	−2·6	75·9	−4·4	24·8	97·4	17th	52·1	4th	45·3
	VII.—Sind.																						
17	Jacobabad	186	29·618	+·014	29·764	29·839	26th	29·466	19th	·373	81·9	101·0	−2·1	69·5	−0·2	85·2	−1·1	31·5	109·1	22nd	52·8	4th	56·3
	Hyderabad	96	29·741	+·022	29·789	29·912	26th	29·608	18th	·304	79·1	99·3	−3·4	70·6	−1·7	84·9	−2·5	28·7	106·0	18th	59·0	4th	47·0
	Karachi	13	29·875	+·038	29·839	30·023	26th	29·753	30th	·270	77·1	84·3	−2·0	72·6	−0·7	78·4	−1·2	11·7	90·5	3rd	65·0	5th	25·5
	VIII.—Rajputana.																						
18	Bikaner	*771*	29·027	+·014	29·762	29·208	26th	28·872	18th	·336	80·8	99·1	−2·2	72·5	−3·1	85·8	−2·7	26·6	106·0	18th	64·0	4th	42·0
	Jodhpur	780	29·058	+·017	29·798	29·220	26th	28·928	18th	·292	80·2	99·9	−1·4	71·5	−1·5	85·7	−1·5	28·4	105·5	17th & 18th.	60·3	5th & 6th.	45·2
19	Jaipur	1,431	28·403	+·008	29·773	28·522	22nd	28·272	18th	·250	82·0	100·5	−1·2	69·9	−1·2	85·2	−1·2	30·6	105·2	18th, 25th & 26th.	60·6	6th	44·6
	Sambhar	1,254	28·581	+·024	29·789	28·706	26th	28·447	18th	·259	80·4	100·5	+0·1	68·2	−2·9	84·3	−1·4	32·3	105·4	18th	55·4	5th	50·0
	Ajmer	1,611	28·239	+·008	29·798	28·363	26th	28·110	18th	·253	78·5	97·2	−2·1	73·1	+1·7?	85·2	−0·2?	24·1	101·4	27th	61·2	6th	40·2
	Kotah	819?	28·988	+·005	29·753	29·106	26th	28·836	18th	·270	87·0	102·7	+0·1	75·9	−1·0	89·3	−0·5	26·8	107·0	24th	67·1	5th	39·9
	Udaipur	1,925	27·949	+·009	29·788	28·074	26th	27·847	18th	·227	82·4	98·3	+0·3	69·8	−1·9	84·0	−0·8	28·5	101·5	18th & 22nd.	58·3	6th	43·2

N.B.—Elevations in italics indicate barometrical determinations.

NOTE.—The barometric readings are not reduced to sea-level, in the cases of

‡ Mean of 29 days.
§ " " 20 "

—continued.

tations in India, etc., in April, 1911—continued.

Wind direction. Number of winds from N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Resultant direction.	Normal direction.	Wind velocity. Mean velocity, miles per hour.	Normal.	Departure from normal.	Wind steadiness. Actual percentage.	Departure from normal.	Hygrometry, 8 hrs. Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs. in inches of mercury.	Departure from normal in inches of mercury.	Cloud. Mean cloud amount at 8 hrs.	Departure from normal.	Rainfall. Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st Dec., 1910, to 30th April 1911.	Normal rainfall for period, 1st Dec., to 30th April.	Departure from normal of period, 1st Dec., 1910, to 30th April 1911.	Heaviest rainfall during month.	Station.
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	54	55	56	57
																															IV.—United Provinces of Agra and Oudh—*concld.*
1	1		2	1	5	8	5	S 87° W	S 79° W	4·1	4·1	0	43	+24	31	− 9	·313	−·122	0	−0·9	0	0·40	−0·40	0·08	0·03	+0·05	1·66	1·62	+ 0·04	0·08	Cawnpore.
	1				1	6		S 83° W	N 81° W	3·7	4·0	−0·3	20	0	36	− 4	·414	−·031	0·3	−1·4	0	0·40	−0·40	0·03	0·04	−0·01	3·53	2·15	+ 1·38	0·03	Lucknow.
4			8	4	2	4	4	S 4° E	N 55° E	3·9	4·1	−0·2	11	+ 5	49	− 2	·490	−·063	0·2	−1·3	0	0·80	−0·80	0	0·40	−0·40	5·41	3·24	+ 2·17	0	Bahraich.
1	1	1			11	9	6	N 76° W	S 87° W	5·3	3·6	+1·7	62	+32	24	− 4	·282	−·082	1·1	+0·2	0	0·50	−0·50	0	0·12	−0·12	1·44	1·65	− 0·21	0	Jhansi.
1	2	4	3	1	7	4		S 68° W	S 89° W	5·7	5·1	+0·6	17	−20	32	− 3	·363	−·032	1·0	−0·2	0	0·40	−0·40	0	0·13	−0·13	1·51	1·50	+ 0·01	0	Agra.
1		1	2	5	9	6		N 83° W	S 74° W	2·6	2·4	+0·2	49	+35	41	+ 4	·394	−·006	0	−1·4	1	0·40	+0·60	0·11	0·48	−0·37	3·41	2·55	+ 0·86	0·11	Mainpuri.
						1		W	N 20° W	0·8	3·7	−2·9	3	− 5	50	+ 5	·496	+·051	0·8	−0·6	0	0·45	−0·45	0	0·17	−0·17	7·06	3·05	+4·01	0	Bareilly.
1	1	2		2	8	8		N 51° W	N 81° W	4·9	2·5	+2·4	49	+29	37	− 3	·359	−·035	1·6	0	0	0·90	−0·90	0·03	0·19	−0·16	6·29	3·55	+ 2·74	0·03	Meerut.
			2			2		(a)	S 60° E	3·0	3·3	−0·3			49	+ 8	·418	− 003	1·3	−0·3	1	1·10	−0·10	0·20	0·39	−0·19	9·83	4·69	+ 5·14	0·12	Roorkee.
					1	1		N 66° W	N 43° W	*‡ 2·2	2·3	−0·1	7	+ 1	51	+ 5	·389	+·022	2·9	+0·2	1	1·50	−0·50	0·21	0·59	−0·38	17·26	6·92	+10·34	0·17	Dehra Dun.
																															V.—Punjab.
2	1		2	1	2	15	6	N 81° W	N 77° W	4·3	3·9	+0·4	62	+25	47	+11	·469	+·096	0·8	−1·2	0	0·90	−0·90	0	0·21	−0·21	3·45	3·18	+ 0·27	0	Delhi.
1	2	1	2	2	3	5	5	N 81° W	N 28° W	6·5	5·4	+1·1	23	+21	51	+12	·451	+·059	1·7	−1·2	0	0·60	−0·60	0	0·26	−0·26	4·92	2·06	+ 2·86	0	Sirsa.
2		2	4	1		5	13	N 52° W		7·3			37		61		·573		1·0		0			0			8·93			0	Patiala.
6	1	1	4			1	10	N 18° W	N 18° W	5·7	3·1	+2·6	37	+28	45	− 8	·400	−·075	2·2	+0·9	1	0·90	+0·10	0·17	0·31	−0·14	9·62	5·53	+ 4·09	0·10	Ambala.
2	4		1			1	2	N 11° E	N 27° E	1·1	2·4	−1·3	17	+10	46	+ 1	·399	−·032	1·6	−1·1	2	1·00	+1·00	0·39	0·71	−0·32	13·12	5·42	+ 7·70	0·18	Ludhiana.
9	2	3	2		1	2	6	N 20° E	N 31° E	3·3	3·2	+0·1	46	+26	50	+ 3	·425	+·006	1·9	−0·4	2	1·00	+1·00	0·38	0·42	−0·04	7·28	3·67	+ 3·61	0·17	Lahore.
8	4	3	1		1	1	5	N 4° E	N 20° E	2·5	2·8	−0·3	43	+10	61	+13	·479	+·043	2·3	+0·2	1	1·90	−0·90	0·36	0·80	−0·44	13·12	6·77	+ 6·35	0·30	Sialkot.
1	2	1	1	2	5	5	1	S 63° W	N 30° W	3·5	3·1	+0·4	23	− 6	53	0	·400	−·022	2·6	−0·5	2	3·20	−1·20	1·30	1·70	−0·40	23·35	9·31	+14·04	0·93	Rawalpindi.
3	5	5	1	2	4	3		N 74° E	N 37° E	4·9	6·7	−1·8	10	−27	45	+ 3	·407	+·005	3·9	+1·1	2	1·50	+0·50	0·25	0·62	−0·37	9·55	3·80	+ 5·75	0·15	Khushab.
4	5	4	5	2	2	1	5	N 51° E	S 83° E	7·0	6·3	+0·7	23	− 3	36	− 2	·336	−·077	2·0	−0·2	1	0·70	+0·30	0·19	0·13	+0·06	2·84	2·41	+ 0·43	0·19	Montgomery.
6	1		2					N 22° E	N 51° E	1·1	2·2	−1·1	20	− 3	45	− 3	·407	−·064	1·4	−0·2	1	0·70	+0·30	0·72	0·10	+0·62	4·11	1·56	+ 2·55	0·72	Multan.
																															VI.—North-West Frontier Province.
2	2		2	5	3	3		S 24° W	S 54° W	3·0	4·0	−1·0	20	+10	60	− 2	·425	−·044	2·8	−0·6	4	3·40	+0·60	1·16	1·75	−0·59	13·01	6·34	+6·07	0·52	Peshawar.
4	3		1	1	1	1	4	N 15° W	N 5° E	1·7	2·4	−0·7	20	−13	62	+ 8	·506	+·017	2·1	0	2	1·90	+0·10	0·46	0·70	−0·24	8·02	3·03	+4·99	0·18	D. I. Khan.
																															VII.—Sind.
1	7	1	2				4	N 32° E	N 88° E	3·0	4·2	−1·2	30	+ 3	41	+ 3	·434	+·013	1·5	−0·4	0	0·40	−0·40	0	0·15	−0·15	1·21	1·00	+0·21	0	Jacobabad.
2	1		1	7	11	1	4	S 42° W	S 48° W	7·1	10·8	−3·7	49	− 8	60	+12	·597	+·086	1·9	+0·3	0	0·20	−0·20	0	0·04	−0·04	3·76	0·71	+3·05	0	Hyderabad.
1	2				5	18	3	N 87° W	N 89° W	12·6	13·2	−0·6	72	+11	80	− 3	·736	−·057	2·7	+0·5	0	0·20	−0·20	0	0·25	−0·25	4·45	1·54	+2·91	0	Karachi.
																															VIII.—Rajputana.
2	3	3	4	5	6	5		S 9° W	S 51° W	7·4	5·9	+1·5	27	+ 5	31	− 5	·325	−·084	1·6	−0·2	0	0·30	−0·30	0·11	0·11	0	3·03	1·12	+ 1·91	0·08	Bikaner.
1	3	2	1	4	12	3	2	S 43° W		4·8			40		30	+ 3	·313		1·3		0	0·20	−0·20	0	0·05	−0·05	1·42	0·55	+ 0·87	0	Jodhpur.
7	4	2				5	7	N 19° W	N 34° W	5·6*	5·0	+0·6	53	+19	29	− 6	·322	−·071	1·1	−1·0	0	0·40	−0·40	0·06	0·07	−0·01	2·59	1·37	+ 1·22	0·06	Jaipur.
2	1					5	2	N 54° W	N 49° W	5·2	6·9	−1·7	27	− 6	36	+ 1	·373	−·004	1·1	−0·5	0	0·30	−0·30	0	0·09	−0·09	0·81	1·29	− 0·48	0	Sambhar.
	3	1			7	2	6	N 80° W	W	7·5	5·8	+1·7	27	− 4	36	− 1	·362	−·061	1·1	−0·4	0	0·50	−0·50	0	0·11	−0·11	0·62	1·22	− 0·60	0	Ajmer.
4	2	1			2	4	8	N 42° W		3·8			46		28	+ 6	·355		0·7		0	0·30	−0·30	0	0·34	−0·34	0·79	1·16	− 0·37	0	Kotah.
1	1				5	4	7	N 75° W		4·1			40		33	− 5	·360		0·7		0	0·30	−0·30	0	0·99	−0·09	0·62	0·60	+ 0·02	0	Udaipur.

ill or plateau stations, the elevations of which exceed 3,200 feet.

* Uncorrected for scale error.

(a) Indeterminate.

Tab

(2) *Abstract of observations taken at 8 hrs. at 2*

Number of subdivision.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	2
	IX.—Bombay.																						
20	Deesa	466	29·410	+·022	29·832	29·550	21st	29·306	29th	·244	80·6	103·0	−1·2	69·2	−2·5	86·1	−1·9	33·8	109·3	17th	58·4	5th	5
	Bhuj	395	29·497	+·041	29·847	29·628	21st	29·391	29th	·237	77·9	98·2	−2·8	69·5	−2·0	83·8	−2·4	28·7	102·0	13th & 17th.	61·5	4th	4
	Jamnagar	61	29·853		29·859	29·973	22nd	29·756	30th	·217	80·8	94·1		68·4		81·3		25·7	100·7	28th	62·6	4th	3
	Dwarka	37?	29·890	+·028	29·873	30·030	21st	29·772	30th	·258	78·5	83·3	−1·5	75·7	−0·3	79·5	−0·9	7·6	85·3	21st & 26th.	71·7	5th	1
	Rajkot	429	29·481	+·035	29·864	29·603	21st	29·386	29th	·222	77·3	99·4	−3·4	68·1	−1·3	83·8	−2·3	31·3	103·1	28th & 29th.	60·0	4th	4
	Veraval	*18*	29·903	+·045	29·864	30·036	21st	29·803	29th	·233	77·3	84·2	−3·5	70·4	−2·1	77·3	−2·8	13·8	99·1	27th & 28th.	61·3	4th	3
	Bhavnagar Para	55	29·862	+·022	29·861	30·011	21st	29·750	29th	·261	80·9	102·3	+1·4	71·1	−3·7	86·7	−1·1	31·2	107·7	28th	64·5	4th	4
	Surat	39	29·876	+·025	29·858	30·023	21st	29·785	30th	·238	81·2	97·6	−2·5	72·1	−0·7	84·8	−1·6	25·5	106·1	28th	62·1	4th	4
	Ahmedabad	163	29·720	+·025	29·833	29·263	21st	29·621	29th	·242	80·6	104·1	−1·3	71·7	−3·5	87·9	−2·4	32·4	108·6	16th	64·7	4th & 5th.	4
26	Bombay	37	29·892	+·025	29·869	30·018	21st	29·786	25th	·232	79·4	83·1	−0·4	76·1	−1·6	82·1	−1·0	12·0	92·0	27th	73·0	5th & 7th.	1
	Ratnagiri	110	29·802	+·021	29·850	29·893	21st	29·723	29th	·170	80·4	86·7	−3·4	75·3	−2·1	81·0	−2·7	11·4	88·8	30th	72·4	11th & 12th.	1
	Goa	199									79·6	84·5	−4·7	77·3	−1·6	80·9	−3·1	7·2	89·1	25th & 28th.	74·1	6th	1
	Mormugao	*60*	29·864	+·024	29·858	29·985	21st	29·781	29th	·204	81·7	87·1	−3·0	76·9	−3·1	82·0	−3·1	10·2	91·0	30th	74·2	6th	1
	Karwar	44	29·890	+·030	29·868	30·006	21st	29·824	29th	·182	79·7	86·4	−3·6	76·1	−1·8	81·2	−2·7	10·3	88·8	2nd, 3rd & 29th.	72·0	7th	1
27	Malegaon	1,430	28·451	+·005	29·806	28·590	21st	28·371	30th	·219	84·2	104·1	+0·9	69·5	−2·3	86·8	−0·7	34·6	106·4	26th	62·1	12th	4
	Ahmednagar	2,154	27·747	+·004	29·779	27·875	21st	27·677	29th	·198	82·9	101·2	+2·2	69·4	−0·2	85·3	+1·0	31·8	104·6	28th	69·5	5th & 19th.	4
	Poona	1,846	28·057	+·001	29·637	28·193	21st	27·982	29th	·211	75·7	100·8	−0·8	67·3	−2·4	84·1	−1·6	33·5	104·5	2nd, 26th & 28th.	59·3	6th	4
	Sholapur	1,590	28·282	−·002	29·781	28·439	21st	28·207	29th	·232	84·3	104·3	−0·5	75·8	+0·3	90·0	0	28·5	107·8	28th	66·4	6th	4
	Bijapur	*1,948*	27·934	+·007	29·780	28·077	21st	27·879	29th	·198	83·1	102·8	+3·0	75·1	+0·3	88·9	+1·7	27·7	105·7	29th	68·2	19th	3
	Belgaum	2,539	27·372	+·007	29·798	27·501	21st	27·312	29th	·189	75·5	96·9	+0·9	65·6	−1·9	81·3	−0·5	31·3	102·3	30th	59·5	18th	4
	X.—Central India.																						
21	Neemuch	1,624	28·233	+·012	29·782	28·359	22nd	28·139	18th	·220	82·2	96·2	−4·7?	69·1	−2·2	82·6	−3·5?	27·1	101·0	25th	58·2	5th	4
	Indore	1,823	28·047	+·015	29·788	28·170	21st	27·976	30th	·194	81·9	99·2	−1·4	68·1	−1·6	83·7	−1·5	31·1	102·6	26th	58·1	5th	4
22	Nowgong	754	29·051	0	29·760	29·168	22nd	28·935	18th	·233	81·1	100·8	−2·6	68·2	−3·2	84·5	−2·9	32·6	107·0	26th	58·0	6th	4
	Sutna	1,041	28·759	−·001	29·744	28·875	22nd	28·627	18th	·248	84·0	101·4	−0·3	70·9	−0·7	86·1	−0·5	30·5	107·0	26th	63·7	7th	4
	XI.—Central Provinces.																						
23	Buldana	2,132	27·764		29·817	27·880	22nd	27·698	28th	·182	83·1	99·3		76·0		87·6		23·3	103·2	27th	71·0	20th	3
	Akola	930	28·920	+·006	29·785	29·072	21st	28·839	30th	·233	86·6	106·3	+0·3	72·8	−2·0	89·6	−0·9	33·5	110·2	26th & 27th.	64·1	6th & 7th	4
	Amraoti	1,215	28·621?	−·001?	29·739?	28·765	21st	28·547	29th	·218	86·0	105·2	+0·2	74·2	−2·1	89·7	−0·9	31·0	109·3	26th	68·8	5th & 7th	4
24	Khandwa	1,044	28·818	+·018	29·803	28·957	21st	28·744	29th	·213	84·3	104·2	−0·6	74·1	−1·2	89·1	−0·9	30·1	108·7	26th	66·1	6th	4
	Hoshangabad	1,006	28·842	+·006	29·791	28·967	21st	28·761	30th	·206	82·4	101·2	−0·6	71·1	−2·7	87·6	−1·7	33·1	109·1	26th	62·4	5th	4
	Saugor	1,807	28·026	−·005	29·711	28·125	22nd	27·918	19th	·177	84·3	99·7	−1·8	73·3	+0·5	86·5	−0·7	26·4	104·6	26th	66·6	6th	3
	Jubbulpore	1,327	28·484	−·013	29·746	28·590	22nd	28·400	18th	·190	81·8	100·9	−1·1	67·9	−2·7	84·4	−1·9	33·0	105·8	26th	60·3	6th	4
	Seoni	2,033	27·816	−·007	29·738	27·926	21st	27·738	18th	·198	85·3	101·1	0	66·2	−5·6?	83·6	−2·8?	34·9	104·6	26th	58·5	17th	4
	Nagpur	1,017	28·805	−·005	29·752	28·941	21st	28·727	18th	·214	87·4	106·2	+0·7	74·3	−1·9	90·3	−0·6	31·9	109·6	27th	65·8	6th	4
25	Pendra	2,123	27·796?		29·704?	27·908	21st	27·679	18th	·229	85·3	98·6		72·9		85·7		25·7	102·3	26th & 27th.	65·2	5th & 6th.	3
	Raipur	970	28·833	−·019	29·741	28·952	21st	28·732	18th	·220	83·3	104·1	−0·2	76·0	−0·9	90·0	−0·5	28·1	108·2	27th	69·6	6th & 7th.	3
	Chanda	*634*	29·178	−·021	29·751	29·302	21st	29·085	18th	·217	87·2	107·7	+1·2	74·1	−2·3	90·9	−0·5	33·6	111·5	27th & 28th.	65·0	6th	4
	Jagdalpur		28·033		29·743	28·160	21st	27·936	18th	·224	82·3	99·5		72·9		86·2		26·6	103·2	30th	68·1	11th & 18th.	3

N.B.—Elevations in italics indicate barometrical determinations.

NOTE.—The barometric readings are not reduced to sea-level, in the cases of hill or plateau stations, the elevations of which exceed 3,000 fe

3—continued.

tations in India, etc., in April, 1911—continued.

Wind direction. Number of winds from Calm. (25)	N. (26)	N.E. (27)	E. (28)	S.E. (29)	S. (30)	S.W. (31)	W. (32)	N.W. (33)	Resultant direction. (34)	Normal direction. (35)	Wind velocity. Mean velocity, miles per hour. (36)	Normal. (37)	Departure from normal. (38)	Wind steadiness. Actual percentage. (39)	Departure from normal. (40)	Hygrometry, 8 hrs. Mean humidity at 8 hrs. (41)	Departure from normal. (42)	Mean vapour tension at 8 hrs., in inches of mercury. (43)	Departure from normal, in inches of mercury. (44)	Cloud. Mean cloud amount at 8 hrs. (45)	Departure from normal. (46)	Rainfall. Number of rainy days. (47)	Normal number of rainy days. (48)	Departure from normal. (49)	Rainfall of month. (50)	Normal rainfall of month. (51)	Departure from normal. (52)	Total rainfall from 1st Dec., 1910, to 30th April, 1911. (53)	Normal rainfall for period, 1st Dec., to 30th April. (54)	Departure from normal of period, 1st Dec., 1910, to 30th April, 1911. (55)	Heaviest rainfall during month. (56)	Station. (57)
																																IX.—Bombay.
																53	+13	·553	+·096	1·5	+0·3	0	0	0	0	0·01	−0·01	1·49	0·34	+1·15	0	Deesa.
	1	1				3	11	14	N 67° W	N 75° W	10·7	11·6	−0·9	79	+ 2	71	+16	·676	+·066	2·4	+1·4	0	0	0	0	0·12	−0·12	1·49	0·41	+1·08	0	Bhuj.
	1					5	15	9	N 74° W		13·6			87		76		·893		0		0			0			1·34			0	Jamnagar.
	1					4	17	8	N 81° W		13·1			82		78		·723		2·6		0			0			2·47	0·75	+ 1·72	0	Dwarka.
	1					3	18	8	N 80° W	N 66° W	12·4	10·4	+2·0	83	+13	72	+ 7	·660	−·010	0·7	−0·4	0	0	0	0	0·01	−0·01	1·19	0·18	+ 1·01	0	Rajkot.
2	8						9	11	N 47° W	N 47° W	12·1	8·4	+3·7	76	+13	76	+ 4	·704	−·010	1·1	−1·5	9	0	0	0	0	0	0·95	0·10	+ 0·85	0	Veraval.
	2					5	3	20	N 59° W	S 65° W	8·2	10·6	−2·4	81	+14	53	− 9	·561	−·140	0·9	−0·7	0	0	0	0	0·01	−0·01	1·01	0·30	+ 0·71	0	Bhavnagar Para.
8	10	2			6		2	2	N 16° W	S 61° W	5·1	7·4	−2·3	23	−17	61	− 4	·647	−·092	1·0	−0·7	0	0	0	0	0	0	0·26	0·14	+ 0·12	0	Surat.
	1				1	3	2	23	N 55° W	N 45° W	5·4	4·7	+0·7	79	+38	61	+14	·645	+·103	1·0	−0·5	0	0·10	−0·10	0	0	0	0·54	0·30	+ 0·24	0	Ahmedabad.
2	8	3	2	1	1	2	3	8	N 25° W	N 33° E	10·2*	10·6	−0·4	46	+36	76	+ 1	·770	−·062	4·0	+0·9	0	0·10	−0·10	0	0·07	−0·07	0·06	0·27	− 0·21	0	Bombay.
4	12	1	1	1	3		1	7	N 14° W	N 81° W	12·2	8·4	+3·8	46	+26	72	+ 1	·738	−·074	2·5	−0·5	0	0·10	−0·10	0	0·08	−0·08	0	0·32	− 0·32	0	Ratnagiri.
2	4	2	15	2		1	2	2	N 71° E	N 29° E	8·2	6·9	+1·3	43	+35	75	+ 1	·750	−·116	5·7	+2·3	0			0	0·32	−0·32	0	0·63	− 0·63	0	Goa.
3	9	3		2	2	3	2	6	N 26° W	N 5° W	9·3*	8·5	+0·8	37	+33	75	0	808	−·079	5·4	+1·6	0			0·03	1·04	−1·01	0·03	1·09	− 1·06	0·03	Mormugao.
2	8	3				3		4	N 15° W	N 9° W	5·7	4·8	+0·9	37	− 6	78	0	·807	−·023	3·0	−0·5	0	0·90	−0·90	0·01	0·55	−0·54	0·01	0·73	− 0·72	0·01	Karwar.
3	4	1				1	9	12	N 55° W	N 69° W	8·5	9·5	−1·0	66	+ 3	35	−18	·422	−·229?	0	−2·0	0	0·30	−0·30	0	0·10	−0·10	0	0·54	− 0·54	0	Malegaon.
3	4	1						22	N 36° W	N 1° E	9·8	10·6	−0·8	82	+34	24	−31?	·257	−·364?	0·2	−1·4	0	0·60	−0·60	0	0·33	−0·33	0·10	1·56	− 1·46	0	Ahmednagar.
4							26		W	N 83° W	9·5*	10·6	−1·1	87	+30	43	+ 2	·376	−·050?	0	−1·9	0	1·40	−1·40	0	0·68	−0·68	0·01	1·01	− 1·00	0	Poona.
6	1	1	1	1			1	19	N 40° W	N 45° W	6·7	8·3	−2·1	59	+36	30	− 9	·345	−·127	1·1	−1·5	1	1·10	−0·10	0·11	0·43	−0·32	0·11	1·22	− 1·11	0·11	Sholapur.
	4	1			4	6	15		N 56° W	N 82° W	8·7	15·01	+3·1	72	+14	38	−22	·423	−·235?	1·3	−1·0	0	2·20	−2·20	0	0·80	−0·80	0	1·39	− 1·39	0	Bijapur.
9	1	1	5	1			3		N 74° E	S 83° W				10	−18	55	− 7	·473	−·091	1·8	−0·7	0	3·80	−3·80	0	1·90	−1·90	0	2·52	− 2·52	0	Belgaum.
																																X.—Central India.
4	4	7	2			2	7	4	N 23° W	N 51° W	7·6	8·7	−1·1	37	+15	40	+ 5	·438	+·016	0·9	−0·4	0	0·10	−0·10	0	0·09	−0·09	0·27	0·79	− 0·52	0	Neemuch.
4	5	3	2				7	9	N 35° W	N 45° W	5·0	4·4	+0·6	53	+ 3	38	− 1	·413	−·045	0·9	−0·5	0	0·20	−0·20	0	0·13	−0·13	0·05	0·68	− 0·63	0	Indore.
6	2	1			1	3	14	3	N 84° W	S 75° W	2·6	3·1	−0·5	56	+19	36	− 2	·389	−·034?	1·0	−0·2	0	0·10	−0·10	0	0·05	−0·05	2·78	2·01	+ 0·77	0	Nowgong.
2	1				1		12	14	N 66° W	N 55° W	3·8	6·7	−2·9	79	+39	24	− 2	·281	−·035	1·3	+0·3	0	0·20	−0·20	0	0·11	−0·11	2·68	2·54	− 0·14	0	Sutna.
																																XI.—Central Provinces.
	1						11	18	N 60° W		6·7	9·0	−2·3	90		27		·304		0·7		0			0	0·28	−0·28	0·75	1·54	−0·79	0	Buldana.
1		2			1	2	8	16	N 62° W	N 67° W	6·6	5·9	+0·7	69	+16	25	− 5	·317	−·061?	0·6	−1·3	0	0·50	−0·50	0	0·20	−0·20	1·54	1·88	− 0·34	0	Akola.
2	3	1	1			2	7	4	N 62° W	S 69° W	4·4	5·4	−1·0	33	+ 3	26	− 9	·321	−·122	0·1	−2·0	0	0·80	−0·80	0	0·23	−0·23	2·49	1·68	+ 0·81	0	Amraoti.
2	12	1			1		4	10	N 29° W	N 68° W	8·5	6·5	+2·0	72	+ 9	26	− 4	·306	−·054?	0·2	−1·2	0	0·30	−0·30	0	0·13	−0·13	0·10	0·99	−0·89	0	Khandwa.
2		2				2	3	1	N 79° W	S 48° W	2·5	3·0	−0·5	13	− 4	27	−11	·305	−·141	0·3	−1·4	0	0·30	−0·30	0	0·15	−0·15	0·60	1·39	− 0·79	0	Hoshangabad.
1	2	5	2	4		6	9	1	S 82° W	S 53° W	6·1	4·6	+1·5	20	+ 3	17	−13	·191	−·157	1·0	−0·3	0	0·30	−0·30	0	0·09	−0·09	1·64	2·13	− 0·49	0	Saugor.
5	1	1		1	1	4	9	4	W	S 18° W	2·3	3·3	−1·0	44	+11	35	0	·365	−·025	0·5	−1·1	0	0·60	−0·60	0	0·15	−0·15	1·06	2·19	− 1·13	0	Jubbulpore.
3	11	6	1	1			2	6	N 1° W	S 86° W	5·1	3·9	+1·2	62	+53	17	−22	·204	−·240	0·3	−1·8	0	1·30	−1·30	0	0·39	−0·39	1·31	2·91	− 1·60	0	Seoni.
3	6	5	1			1	1	5	N 3° W†	N 83° W	4·2†	6·0	−1·8	54	+46	20	−16	·266	−·201	0·6	−1·9	0	1·10	−1·10	0	0·48	−0·48	1·51	2·25	− 0·74	0	Nagpur.
5	9	2		2	2	3	2	5	N 30° W		6·3			33		20		39		0·9		0			0			1·99			0	Pendra.
7	1	4	3	1		9	2	3	S 74° W	S 56° W	4·5	6·3	−1·8	13	−24	25	−12	·283	−·173	1·3	−1·2	0	1·40	−1·40	0	0·53	−0·53	2·02	1·98	+ 0·04	0	Raipur.
2				5	1	1	7	4	S 71° W	S 52° E	4·1	3·6	+0·5	23	+ 4	29	−16	·376	−·177	0·7	−1·7	0	1·80	−1·80	0	0·59	−0·59	0·53	2·91	−2·38	0	Chanda.
3					7	12	6	2	S 49° W					69		56		·612		0·8		1			0·27			1·07			0·27	Jagdalpur.

* Uncorrected for scale error.

† Mean of 22 days.

Table

(2) *Abstract of observations taken at 8 hrs. at 241*

Number of subdivision.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	XII.—Hyderabad.																						
28	Aurangabad	1,905	27·992	−·011	29·791	28·129	21st	27·915	29th	·214	84·5	97·7	−4·8?	73·9	+0·9	85·8	−2.0?	23·8	103·2	26th	65·2	17th	38·0
	Nizamabad	1,248	28·589		29·753	28·735	21st	28·506	12th	·229	87·1	104·8	+1·8	75·8	−0·7	90·3	+0·5	29·0	109·9	30th	69·7	17th	40·2
	Bidar	*2,165*	27·633?		29·696?	27·817	21st	27·549	7th	·268	86·6	102·1		79·2		90·6		22·9	104·7	30th	74·5	11th	30·2
29	Gulbarga	1,503	28·357	−·013	29·761	28·495	21st	28·293	12th	·202	87·4	105·4	+2·2	77·6	+1·0	91·5	+1·6	27·8	108·0	27th	70·8	17th	37·2
	Raichur	*1,311*	28·545	−·001	29·767	28·671	21st	28·471	29th	·200	86·9	104·2	+2·1	80·0	+0·8	92·1	+1·5	24·2	107·0	30th	75·6	20th	31·4
	Hyderabad (Deccan)	1,690	28·169	−·010	29·754	28·324	21st	28·073	29th	·251	85·9	103·9	+1·9	77·6	+2·3	90·7	+2·1	26·3	107·3	30th	72·7	1st	34·6
	Hanumkonda	877	28·965	−·020	29·775	29·104	21st	28·859	29th	·245	84·7	103·4	+1·9	78·3	+1·4	90·8	+1·7	25·1	107·5	30th	74·2	2nd	33·3
	XIII.—Mysore.																						
30	Chitaldrug	2,405	27·512	0	29·801	27·622	21st	27·442	29th	·180	77·2	96·4	+0·6	70·6	−1·2	83·5	−0·3	25·8	99·6	8th & 23rd.	64·9	28th	34·7
	Hassan	3,149	26·827?	+·015?	29·830?	29·934	21st	29·761	11th	·173	73·6	93·0	+1·9	65·8	−0·6	79·5	+0·7	27·2	95·6	13th	61·1	19th	34·5
	Bangalore	3,021	26·938	−·004	29·808	27·044	21st	26·875	29th	·169	74·8	93·9	+0·7	68·9	−0·3	81·4	+0·2	25·0	97·8	30th	64·8	1st	33·0
	Mysore	2,518	27·427	+·003	29·831	27·527	21st	27·355	11th	·172	75·3	95·2	+1·2	69·4	−0·9	82·3	+0·1	25·8	97·5	15th & 16th.	67·0	19th	30·5
	XIV.—Madras.																						
31	Mangalore	65	29·855	+·010	29·851	29·952	21st	29·784	29th	·168	82·9	90·3	−2·0	74·0	−3·2	82·1	−2·6	16·3	93·8	1st	71·3	13th & 20th.	22·5
	Calicut	27	29·894	+·012	29·850	29·987	22nd	29·840	7th	·147	82·0	88·6	−2·7	78·7	+0·8	83·6	−0·9	9·9	91·3	26th, 27th & 30th.	76·6	1st, 3rd & 28th.	14·7
	Cochin	9	29·919	+·017	29·856	30·016	21st	29·859	7th	·157	83·0	91·2	−0·3	79·3	+0·9	85·2	+0·3	11·9	95·7	24th	74·7	24th	21·0
	Trivandrum	198	29·723	+·028	29·850	29·817	22nd	29·659	7th	·158	81·8	87·9	+0·4	78·4	+2·1	83·2	+1·3	9·5	90·0	1st & 29th.	75·5	11th	14·5
32	Tinnevelly	168	29·727	+·006	29·823	29·855	21st	29·647	16th	·208	86·7	101·9	+3·9	79·3	+0·7	90·5	+2·3	22·6	105·2	30th	73·9	2nd	31·3
	Pamban	37	29·845	−·013	29·810	29·978	22nd	29·768	11th	·210	83·6	91·2	+0·3	77·9	−1·1	84·6	−0·4	12·3	93·2	11th, 15th & 29th.	76·0	2nd, 3rd & 5th.	17·2
	Madura	447	29·419	+·005	29·825	29·579	21s	29·376	16th	·203	84·4	100·2	+0·9	77·1	+0·7	88·7	+0·8	23·1	103·5	30th	68·1	1st	35·4
	Pudukkottai	318	29·514		29·824	29·693	22nd	29·472	16th	·221	84·0	100·7		77·0		88·9		23·7	104·6	30th	69·1	16th	35·5
	Negapatam	21	29·845	−·023	29·805	29·974	22nd	29·742	16th	·232	84·6	93·3	+0·8	79·2	+0·2	86·2	+0·5	14·1	99·0	16th & 18th.	73·5	1st & 2nd	25·5
	Trichinopoly	255	29·639	−·005	29·826	29·785	21st	29·554	16th	·211	85·3	101·7	+0·6	77·3	−0·2	89·5	+0·2	24·4	106·1	11th & 28th,	70·8	1st	35·3
	Coimbatore	1,341	28·552	−·012	29·818	28·653	21st	28·468	28th	·185	79·3	97·0	−0·1	72·8	−0·6	84·9	−0·3	24·2	100·4	4th	65·8	1st	34·6
	Salem	940	28·985	−·001	29·852	29·102	21st	28·917	11th	·185	82·2	100·5	−0·2	74·8	−1·0	87·7	−0·6	25·7	103·0	19th	68·8	1st	34·2
	Cuddalore	37	29·846	−·009	29·813	29·987	22nd	29·736	29th	·251	84·5	94·1	+1·3	78·0	+1·2	86·1	+1·3	16·1	100·8	17th & 18th.	71·7	1st	29·1
	Vellore	707	29·151		29·798	29·272	21st	29·053	29th	·219	82·8	100·9		75·6		85·2		25·3	104·7	19th & 20th.	68·0	1st	36·7
	Madras	22	29·851	−·026	29·804	29·978	21st	29·755	29th	·223	84·7	93·6	+0·5	78·2	+1·1	85·9	+0·8	15·4	102·5	19th	73·5	2nd & 3rd,	29·0
33	Cuddapah	433	29·412	−·023	29·775	29·530	21st	29·334	11th	·196	88·1	105·9	+0·7	80·0	−0·8	93·0	−0·1	25·9	110·2	30th	64·6	12th	45·6
	Bellary	1,475	28·377	−·022	29·763	28·494	21st	28·296	29th	·198	84·1	104·8	+1·4	78·0	+0·9	91·4	+1·1	26·8	107·0	11th, 12th & 30th.	73·3	28th	39·7
	Kurnool	923	28·918	−·024	29·767	29·045	21st	28·832	30th	·213	85·7	105.3	+1·7	80·0	+2·0	92·7	+1·9	25·3	109·2	30th	73·6	20th	35·6
34	Nellore	66	29·768	−·023	29·769	29·888	22nd	29·658	29th	·220	83·9	100·4	−0·5	77·5	+0·1	88·9	−0·2	22·9	107·6	20th & 21st.	73·1	1st & 2nd.	34·5
	Masulipatam	15	29·845	−·022	29·795	29·982	22nd	29·748	18th	·234	85·3	94·4	−0·5	78·3	+0·8	86·4	+0·1	16·1	107·3	19th	73·2	1st & 2nd.	34·1
	Cocanada	26	29·842	−·021	29·805	29·977	22nd	29·753	29th	·224	83·5	96·3	+0·7	79·0	+0·7	87·7	+0·7	17·3	104·2	19th	73·0	20th	31·2
	Waltair (Vizagapatam).	*296*	29·630	−·017	29·797	29·761	22nd	29·534	18th	·227	83·1	88·8		78·3		83·5		10·5	94·1	21st	75·4	1st	18·7
	Calingapatam	19	29·831		29·790	29·960	22nd	29·729	18th	·231	82·6	92·1		77·9		85·0		14·2	95·3	11th	74·0	15th	21·3
	Gopalpur	72	29·756	−·009	29·769	29·916	22nd	29·655	18th	·261	79·8	87·1	−0·6	76·5	−1·0	81·8	−0·8	10·6	91·2	11th & 20th.	71·0	22nd	20·2

N.B.—Elevations in italics indicate barometrical determinations.
NOTE.—The barometric readings are not reduced to sea-level, in the cases of hill or plateau stations, the elevations of which exceed 3,200 feet.

B—*continued.*

stations in India, etc., in April, 1911—continued.

Wind direction. Number of winds from Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Resultant direction.	Normal direction.	Wind velocity. Mean velocity, miles per hour.	Normal.	Departure from normal.	Wind steadiness. Actual percentage.	Departure from normal.	Hygrometry, 8 hrs. Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs., in inches of mercury.	Departure from normal in inches of mercury.	Cloud. Mean cloud amount at 8 hrs.	Departure from normal.	Rainfall. Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st Dec., 1910, to 30th April, 1911.	Normal rainfall for period, 1st Dec. to 30th April.	Departure from normal of period, 1st Dec., 1910, to 30th April, 1911.	Heaviest rainfall during month.	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	54	55	56	57
																																XII.—Hyderabad.
1	10	4			2	2	3	8	N 26° W		14·2			56		26	— 3	·290		0·8		0	0·60	−0·60	0	0·28	−0·28	0·57	1·29	−0·72	0	Aurangabad.
7	2			1	1	6	9	4	S 86° W		3·5			49		29	−24	·366		1·0		0	1·40	−1·40	0	1·03	−1·03	0	2·31	−2·31	0	Nizamabad.
4	2	7				4		13	N 28° W		6·0			50		24		·300		2·6		0	2·60	−2·60	0·06	0·98	−0·92	0·22	2·20	−1·98	0·06	Bidar.
2	6	8	1	1	1	3	1	7	N 3° W	N 78° W	8·8	9·0	−0·2	43	+36	40	−10	·522	−·061	0·2	−2·3	0	2·20	−2·20	0	1·05	−1·05	0	1·93	−1·93	0	Gulbarga.
	3	2		2	2	7	4	9	N 75° W	S 58° W	8·0	8·5	−0·5	40	− 2	38	−15	·487	−·148	1·8	−0·9	0	1·20	−1·20	0	0·66	−0·66	0	1·34	−1·34	0	Raichur.
21	1	1					4	3	N 54° W	S 72° W	3·2	4·5	−1·3	23	+ 4	41	−15	·493	−·142	1·4	−0·8	1			0·20	0·67	−0·47	0·20	1·63	−1·43	0·20	Hyderabad (Deccan).
4	1	1	2	14	5	1		2	S 40° E		7·3			53		57	− 7	·667		2·0		0	1·30	−1·30	0	1·25	−1·25	0	2·29	−2·29	0	Hanumkonda.
																																XIII.—Mysore.
						13	15	2	S 73° W	S 70° W	6·2	6·7	−0·5	86	+23	66	+ 3	·614	−·014	2·3	−0·6	2	2·50	−0·50	0·53	1·97	−1·44	0·67	2·48	−1·81	0·31	Chitaldrug.
4				1	5	14	6		S 89° W	S 82° W	8·1	3·4	+4·7	74	+45	73	0	·602	−·033	1·9	−2·5	2	4·80	−2·80	1·09	3·10	−2·01	1·17	3·72	−2·55	0·79	Hassan.
1				1	4	10	1		S 56° W	S 41° W	6·4	4·8	+1·6	76	+22	73	+ 1	·628	−·021	2·5	−0·8	1	2·40	−1·40	1·10	1·26	−0·16	3·23	2·45	+0·78	0·85	Bangalore.
1					3	15	10	1	S 59° W	S 68° W	8·4	7·9	+0·5	79	+27	81	+ 7	·711	+·041	4·7	+0·3	4	4·30	−0·30	1·41	3·00	−1·59	2·75	3·62	−0·87	0·58	Mysore.
																																XIV.—Madras.
5	6	3	3	1		1	3	8	N 16° W	N 60° E	5·4*	3·2	+2·2	40	+10	69	− 7	·787	−·076	3·5	−1·0	0	2·30	−2·30	0·02	1·65	−1·63	0·02	2·25	−2·23	0·02	Mangalore.
7	1		1	1			4	16	N 49° W	N 13° E	8·0	10·3	−2·3	56	+23	78	0	·852	−·019	4·4	−0·5	0	5·10	−5·10	0·11	4·38	−4·27	0·21	6·27	−6·06	0·04	Calicut.
3	2	14	1			3	7		N 11° E	N 27° E	11·5*	6·0	+5·5	56	− 4	73	− 6	·822	−·069	5·0	+0·5	3	7·00	−4·00	4·38	5·20	−0·82	6·10	10·42	−4·32	2·60	Cochin.
5	7							18	N 33° W	N 4° E	7·7*	5·9	+1·8	79	+27	75	− 4	·819	−·012	5·3	+1·0	1	7·10	−6·10	1·17	4·74	−3·57	1·86	10·03	−8·17	1·05	Trivandrum.
4	3		2	2		4	7	8	N 70° W	N 48° W	5·2	4·6	+0·6	43	−15	58	−13	·732	−·105	2·9	−1·9	1	3·70	−2·70	0·77	3·28	−2·51	1·14	10·56	−9·42	0·77	Tinnevelly.
5				9	7	9			S	S 38° E	7·4	7·3	+0·1	65	+19	76	− 2	·872		3·2		0	3·30	−3·30	0	2·40	−2·40	1·51	15·49	−13·98	0	Pamban.
1	3	5	6	2			5	8	N 2° E	N 41° E	5·9	3·1	+2·8	36	+10	70	− 1	·816	−·017	4·8	+0·8	6	3·30	+2·70	2·18	2·25	−0·07	2·36	5·34	−2·98	1·03	Madura.
8	2	1		3	5	3	2	6	S 68° W		8·4			17		74		·858		3·8		2			1·83			2·03			1·58	Pudukkottai.
10				2	4	11	3		S 36° W	S 6° E	7·9	6·9	+1·0	53	+23	71	− 4	·836	−·072	4·7	+0·2	0	1·20	−1·20	0·12	0·56	−0·44	1·32	15·82	−14·50	0·08	Negapatam.
4	1	1	1	5	2	4	12		S 55° W	S 34° W	4·1*	5·4	−1·3	40	+23	64	− 4	·776	−·028	2·7	−1·5	3	2·10	+0·90	1·78	2·03	−0·28	1·78	6·29	−4·51	1·40	Trichinopoly.
6	1	1		2	4	16			S 32° W	S 1° W	6·3	3·0	+3·3	59	+44	86	+ 4	·867	+·050	3·0	−1·5	1	3·50	−2·50	0·26	1·69	−1·43	1·41	3·94	−2·53	0·15	Coimbatore.
3			1	3	5	10	7	1	S 41° W	S 67° E	4·9	4·6	+0·3	56	+43	76	+ 5	·837	+·031	3·7	+0·2	5	3·10	+1·90	1·93	1·84	+0·09	3·66	4·37	−0·71	1·05	Salem.
1	1			6	13	7	2		S 7° W	S 39° W	9·9	2·7	+7·2	69	+17	79	− 2	·833	−·034?	3·3	−1·1	0	1·00	−1·00	0	0·83	−0·83	0·32	10·83	−10·51	0	Cuddalore.
23		3						4	N 11° W		5·1			17		70		·784		1·5		2	1·20	+0·80	1·40	0·71	+0·69	1·40	4·40	−3·00	0·65	Vellore.
					27	3			S 4° W	S 10° W	8·4*	7·6	+0·8	96	+23	75	+ 1	·904	+·009	2·5	−1·9	0	1·10	−1·10	0	0·40	−0·40	0·05	7·38	−7·33	0	Madras.
		1	2	6		4	9	8	S 86° W	S 41° E				37	0	52	− 3	·689	−·042	3·3	+0·7	2	0·70	+1·30	1·20	0·54	+0·66	1·20	1·95	−0·75	0·83	Cuddapah.
9	1					1	9	10	N 67° W	N 69° W	5·1	5·4	−0·3	59	+29	41	−12	·476	−·153	1·4	−1·5	1	1·90	−0·90	0·60	0·74	−0·14	0·60	1·10	−0·50	0·59	Bellary.
1	4			2	7	5	5	6	S 72° W	S 10° E	7·1*			40	+33	48	− 6	·588	−·078	1·4	−0·8	1	1·70	−0·70	0·30	0·94	−0·64	0·43	1·56	−1·13	0·30	Kurnool.
				12	13	4	1		S 11° E	S 29° E	8·2*	8·2	0	82	+15	73	− 2	·850	−·055	4·5	+0·4	0	0·30	−0·30	0	0·40	−0·40	0	2·77	−2·77	0	Nellore.
				8	17	5			S 5° E	S 1° E	8·7	7·7	+1·0	82	+15	76	− 5	·917	−·062?	4·1	+0·1	0	0·50	−0·50	0	0·47	−0·47	0	1·66	−1·66	0	Masulipatam.
12	1			2	1	6	5	3	S 70° W	S 66° W	6·5	7·5	−1·0	33	−14	78	+ 4	·908	+·038	5·6	+1·8	0	0·70	−0·70	0	0·35	−0·35	0	2·10	−2·10	0	Cocanada.
		1	1	1	1	26			S 39° W	S 75° W	13·2			79	+ 6	69	− 6	·790	−·057	5·6	+1·9	1	0·90	+0·10	0·12	0·59	−0·47	0·12	3·04	−2·92	0·12	Waltair (Vizagapatam).
	1				2	18	7	1	S 53° W		11·3			77		82		·901		4·2		0			0·04			0·72			0·02	Calingapatam.
9	1				9	10		1	S 29° W	S 35° W	16·4	17·9	−1·5	53	−14	86	+ 4	·818	−·066	1·3	−2·2	2	1·10	+0·90	1·57	0·69	+0·88	2·39	2·69	−0·30	1·16	Gopalpur

* Uncorrected for scale error.

Table

(2) Abstract of observations taken at 8 hrs. at 241

Number of subdivision.	Stations	Elevation of bar-cistern above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	Bay Islands.																						
1	P. V. Fraser	8	29·856*		29·780*	30·000	22nd	29·730	17th	·270	80·6												
	Port Blair	58	29·858	+·001	29·846	30·003	21st	29·721	14th	·282	80·7	88·9	−3·6	76·8	−2·0	82·9	−2·8	12·1	92·2	4th	74·5	1st	17·7
	Slipper Island	90	29·813		29·837	29·954	21st	29·735	15th	·219	81·7	87·5		78·0		82·7		9·5	90·1	12th & 23rd.	74·1	28th	16·0
	Kashmir.																						
11	Muzaffarabad	2,475	27·484		29·983	27·630	26th	27·342	19th	·288	64·7	83·0		54·6		68·8		28·4	94·3	19th	48·6	4th	45·7
	Srinagar	5,204	24·900	−·009	24·871	25·073	22nd	24·776	3rd	·297	51·5	65·5	−2·7	45·9	+0·4	55·7	−1·1	19·6	76·1	22nd	40·1	5th	36·0
	Gulmarg	*8,569*					Observations not received.																
	Sonemarg	*8,764*																					
	Dras	*10,054*	20·831	+·023	20·799	20·987	16th	20·583	2nd	·404	22·8	34·9	−9·5	12·7	−7·6	23·8	−8·5	22·2	52·9	28th	−6·0	5th	58·9
	Leh	11,503	19·725	−·005	19·693	19·878	16th	19·522	2nd	·356	38·9	56·8	−0·3	29·9	−1·0	43·3	−0·7	26·9	66·9	22nd	21·0	5th	45·9
	Skardu	*7,505*	22·897	+·011	22·867	23·042	16th	22·704	2nd	·338	50·3	64·3	+3·1	43·3	+1·4	53·7	+2·3	21·0	74·4	20th	35·6	2nd & 4th.	38·8
	Minimarg‡	*9,359*									32·2	50·2		21·0		35·6		29·2	60·3	2nd & 4th.	12·0	5th & 10th.	48·3
	Astor§	*7,955*	22·500		22·470	22·676	14th	22·290	2nd	·386	35·1	51·3		30·8		41·0		20·5	55·9	13th	27·2	4th & 5th.	28·7
	Gilgit	4,890	25·148		25·122	25·319	14th	24·979	2nd	·340	60·4	74·2	+1·5	53·1	−0·9	63·7	+0·3	21·1	86·7	20th	46·2	28th	40·5
	Baluchistan.																						
16	Quetta	5,502	24·643	+·011	24·603	24·785	26th	24·495	7th	·290	59·7	73·8	−0·4	44·6	−1·7	59·2	−1·1	29·2	82·6	21st	31·7	3rd	50·9
	Chaman	4,311	25·688	−·008	25·650	25·897	26th	25·515	7th	·382	65·9	77·1	−3·8	53·2	−6·7	65·1	−5·3	23·9	86·8	20th	34·7	2nd	52·1
	Dalbandin		27·072†		27·035†	27·230	3rd	26·888	30th	·342	70·9	89·3		59·5		74·4		29·8	99·3	20th	42·8	4th	56·5
	Robat		27·914		27·872	27·130	26th	26·725	7th	·405	70·9	86·8		61·5		74·1		25·3	97·5	20th	43·3	2nd	54·2
	Pasni		29·869		29·829	30·028	21st	29·713	30th	·315	73·6	85·8		70·3		78·1		15·5	89·0	3rd & 18th.	65·0	5th	24·0
	Hill Stations excluding Kashmir and Baluchistan.																						
	Chitral	*5,486*									52·5	68·9†		44·7		56·9†		24·2	81·1	20th	37·0	9th	44·1
	Para Chinar	6,000	24·441		24·417	24·562	22nd	24·325	8th	·237	56·6	68·4		45·8		57·1		22·6	78·2	17th & 20th.	37·1	3rd	41·1
	Cherat	*4,956*	25·693	+·020	25·661	25·836	26th	25·579	8th	·257	61·4	71·7	−3·8	55·5	−2·4	63·6	−3·1	16·2	81·7	20th	45·9	9th	35·8
	Murree	6,333	23·849	−·004	23·797	23·958	22nd	23·713	3rd	·245	55·4	65·8	−3·0	50·9	−1·4	58·3	−2·2	14·9	75·1	18th	42·7	3rd	32·4
	Simla	7,232	23·098	−·004	23·060	23·263	26th	22·978	10th	·285	57·1	65·2	0	51·6	−0·6	58·4	−0·3	13·6	73·7	26th	41·9	3rd	31·8
	Sarain		23·139		23·101	23·293	26th	23·007	5th	·286	53·5	65·7		41·7		53·7		24·0	72·6	27th	34·9	4th	37·7
	Kalabagh						Observations not received.																
	Chakrata	7,022	23·258	−·032	23·218	23·403	26th	23·122	10th	·281	57·5	68·9	−1·4	50·8	−1·3	59·9	−1·3	18·1	75·7	27th	40·7	3rd	35·0
	Muktesar	7,592	22·829	−·023	22·788	22·975	26th	22·689	10th	·286	56·9	68·4	−1·0	50·1	−0·2	59·3	−0·6	18·3	76·5	27th	40·0	3rd & 4th.	36·5
	Darjiling	7,376	22·970	−·034	22·925	23·109	22nd	22·829	10th	·280	54·6	61·5	−0·7	48·7	−0·2	55·1	−0·5	12·8	69·3	27th	43·7	6th & 19th	25·6
	Shillong	4,820	25·097		25·049	25·247	22nd	24·969	10th	·278	64·9	72·7		56·8		64·8		15·9	79·9	16th	50·7	22nd	29·2
	Cherrapunji	4,309	25·683		25·631	25·828	21st	25·545	18th	·283	63·2	69·2		55·7		62·5		13·5	75·2	15th	38·6	4th	36·6
	Maymyo	3,545	26·420	−·013	26·365	26·574	21st	26·256	18th	·318	67·7	79·3	−5·2	58·7	0	69·0	−2·6	20·6	86·0	15th	52·6	1st	33·4
	Pachmarhi	3,528	26·450	+·006	26·397	26·572	21st	26·383	30th	·189	80·2	92·5	0	68·9	−0·7	80·7	−0·3	23·6	96·5	26th	59·6	7th	36·9
	Mount Abu	3,945	26·061	+·008	26·011	26·185	21st	25·981	19th	·204	73·8	82·7	−3·0	67·3	−1·8	75·0	−2·4	15·4	88·7	17th	61·4	4th & 20th.	27·3
	Mercara	3,781	26·237	+·003	26·170	26·372	21st	26·185	11th	·187	69·8	83·4	−0·5	62·7	−1·5	73·0	−1·0	20·7	89·0	1st	59·0	1st	30·0
	Ootacamund	*7,327*	23·085		23·021	23·172	21st	23·040	29th	·132	62·9	71·7		51·6		61·6		20·1	75·0	21st	48·2	7th	26·8
	Kodaikanal	7,688	22·859	0	22·794	22·946	21st	22·820	11, 15th & 16th.	·126	62·0	71·4	+2·0	54·9	+1·4	63·1	+1·7	16·5	75·0	3rd & 6th.	52·0	2nd	23·0

N.B.—Elevations in italics indicate barometrical determinations.

* Mean of 29 days.
† „ „ 28 „
‡ „ „ 14 „

NOTE.—The barometric readings are not reduced to sea-level, in the cases of

B—*continued.*

stations in India, etc., in April, 1911—continued.

Wind direction. Number of winds from Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Resultant direction.	Normal direction.	Wind velocity. Mean velocity, miles per hour.	Normal.	Departure from normal.	Wind steadiness. Actual percentage.	Departure from normal.	Hygrometry, 8 hrs. Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs. in inches of mercury.	Departure from normal in inches of mercury.	Cloud. Mean cloud amount at 8 hrs.	Departure from normal.	Rainfall. Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st Dec., 1910, to 30th April, 1911.	Normal rainfall for period, 1st Dec., to 30th April.	Departure from normal of period, 1st Dec., 1910, to 30th April, 1911.	Heaviest rainfall during month.	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	54	55	56	57
																																Bay Islands.
			1	1	7	19	2		S 34° W					83		83†		·855†		5·0		2			3·26			4·31			2·86	P. V. Fraser.
17	1		1	2	2	1	2	4	S 84° W	N 82° W	6·7*	4·8	+1·9	10	−20	81	− 2	·845	−·101	4·5	+0·1	8			4·82	3·33	+1·49	11·19	11·77	− 0·58	1·66	Port Blair.
1	3	1	1	2	2	5	7	8	N 79° W		9·2			43		76		·814		3·7		4			2·14			3·59			1·02	Slipper Island.
																																Kashmir.
				1	8	16	3	2	S 38° W		1·3			80		55		·337		2·5		8			4·04			27·03			1·36	Muzaffarabad.
12	2			8	3	2		3	S 19° E	S 29° E	2·7	4·8	−2·1	20	+ 9	79	− 5	·304	−·029	4·1	−0·4	6	6·80	−0·80	3·42	2·69	+0·73	19·52	13·03	+ 6·49	1·88	Srinagar.
																	Observations not received.															Gulmarg.
																						11			7·87			64·59			1·54	Sonemarg.
28								2	N 45° W		0·6			3		82	− 6	·108		4·2		8	8·80	−0·80	2·66	4·04	−1·38	20·50	13·95	+ 6·55	0·64	Dras.
22		1		2	4		1		S 13° E	S 66° W	3·5	3·1	+0·4	17	−11	54	+ 6	·126	+·016	5·0	−0·5	2	0·70	+1·30	0·51	0·16	+0·35	2·26	1·23	+ 1·03	0·29	Leh.
13			3	1	4	7	2		S 19° W		8·4			33		43	−19	·154		5·3		2	2·00	0	0·96	0·86	+0·10	6·24	3·52	+2·72	0·61	Skardu.
10			3	1					S 79° E		3·5			29		72		·130		4·7		5			6·11			40·06			2·70	Minimarg.‡
9				4					S 45° E		2·6			31		80		·163		3·9		1			0·30?			12·32?			0·30?	Astor.§
23			1		1	2	3		S 54° W		2·9			10		47	− 3	·237	−·007	6·4	+1·2	4	2·80	+1·20	0·93	1·15	−0·22	2·56	2·20	+0·36	0·38	Gilgit.
																																Baluchistan.
19		2		3	1		1	4	N 17° W	S 45° W	2·8	3·5	−0·7	3	− 4	41	−11	·212	−·070	1·7	−0·8	1	2·40	−1·40	0·53	1·07	−0·54	10·68	7·96	+ 2·72	0·40	Quetta.
10	1		1	3	8	5	1	1	S 10° W	S 2° W	7·0	8·1	−1·1	40	− 3	46	−12	·291	−·017	3·2	+0·8	1	1·60	−0·60	0·38	0·43	−0·05	9·47	5·71	+ 3·76	0·27	Chaman.
1	1	5	8	8	4	2	1		S 65° E		9·8‖			53		62		·458		2·8		0			0						0	Dalbandin.
11		5	4			7	1	2	E		9·7			1		50		·396		1·6		0			0			4·09			0	Robat.
7	1	2	2				11	7	N 60° W		8·6			46		92		·770		0·9		0			0			2·56¶			0	Pasni.
																																Hill Stations excluding Kashmir and Baluchistan.
24	3				3				(*a*)		0·8					66		·061		0·9		9			5·65			18·61			1·25	Chitral.
18		1		1		3	5	2	S 84° W		4·2			23		50		·230		3·5		9	8·50	+0·50	4·19	3·19	+1·00	23·88	11·30	+12·58	0·90	Para Chinar.
6	12				1			11	N 22° W	N 11° W	16·0	13·1	+2·9	69	+17	45	− 3	·233	−·044	3·3	+0·1	4			1·10	2·22	−1·12	24·07	12·39	+11·68	0·43	Cherat.
15	6	1	1	2	1			4	N 2° E	N 68° E	8·1	9·3	−1·2	24	+ 4	40	− 6	·173	−·052	3·9	−0·2	4	5·90	−1·90	2·77	3·35	−0·58	28·42	16·05	+12·37	1·26	Murree.
																39	− 1	·177	−·020	3·2	0	2	3·10	−1·10	1·23	1·70	−0·47	23·02	10·71	+12·31	0·72	Simla.
16		2			5	7			S 18° W		2·4			30		54		·213		3·2		5			1·88			38·39			0·76	Sarain.
																	Observations not received.															Kalabagh.
11	14	3		1	1				N 11° E	N 17° E	5·0	7·5	−2·5	46	+ 8	51	+ 8	·240	+·030	2·7	+0·1	4	3·90	+0·10	1·97	1·44	+0·53	38·59	12·83	+25·76	0·97	Chakrata.
20			2				8		W		4·4			20		47	+ 7	·207		2·7		5			1·32	1·39	−0·07	14·94	9·05	+ 5·89	0·36	Muktesar.
22		2	1			2	3		W	S 28° E	4·8	8·6	−3·8	10	+ 2	84	+ 3	·359	+·010	6·4	+1·6	6	8·29	−2·29	2·84	4·34	−1·50	6·52	7·84	−1·32	0·90	Darjiling.
11					4	15			S 36° W		6·4			62		62		·377		3·3		9	8·70	+0·30	6·08	4·29	+1·79	9·12	7·71	+ 1·41	2·37	Shillong.
13	1				1	13	2		S 51° W**		9·8			46		86		·495		6·9		20	17·00	+3·00	43·50	32·92	+10·58	53·39	49·87	+ 3·52	7·06	Cherrapunji.
12			1	2	3	9			S 20° W		2·6			41		77	+10	·520		2·9		6	4·30	+1·70	7·30	2·80	+4·50	8·26	3·95	+ 4·31	2·50	Maymyo.
2	4	4	3				6	11	N 29° W	N 88° W	6·9	6·0	+0·9	56	+29	22	− 7	·225	−·080	0	−1·9	0	0·80	−0·80	0	0·25	−0·25	0·59	2·17	−1·58	0	Pachmarhi.
1	3	3				9	2	12	N 63° W	N 63° W	8·7	8·8	−0·1	56	+13	25	− 4	·213	−·051	0·8	−0·2	0	0·30	−0·30	0	0·04	−0·04	2·21	1·00	+ 1·21	0	Mount Abu.
12	5	4					3	6	N 20° W	N 21° W	4·3	4·0	+0·3	43	+ 3	82	+ 4	·578	−·008	3·8	−0·4	2	5·70	−3·70	3·22	2·67	+0·55	3·24	4·15	− 0·91	2·84	Mercara.
5	3	6	9	4			2	1	N 69° E		4·0			46		55		·314		3·4		9	7·10	+ 1·90	6·50	3·46	+3·04	11·32	6·84	+4·48	1·58	Gotacamund.
	5	8	8	3			1	5	N 43° E		12·9‖			53		53	− 8	·290		2·7		9	7·00	+ 2·00	4·37	4·50	−0·13	4·96	15·97	−11·01	1·18	Kodaikanal.

hill or plateau stations, the elevations of which exceed 3,200 feet.

‖ Uncorrected for scale error.

¶ Rainfall since 19th January, 1911.

§ Mean of 13 days.

** " " 27 "

(*a*) Indeterminate.

Table

(2) *Abstract of observations taken at 8 hrs. at 24*

Number of sub-division.	Station.	Elevation of bar-cistern above sea-level in feet.	Pressure 8 hrs. in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity at 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Range during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	Extra India.																						
	Singapore (*a*)	10	29·926		29·857	30·043	21st & 22nd.	29·853	11th	·190	84·4	89·9		74·2		82·1		15·7	94·8	15th	72·0	10th	22·8
	Penang (*a*)	20	29·949		29·894	30·060	21st	29·836	11th	·224	83·8	90·8		74·7		82·7		16·1	94·0	1st & 14th.	73·0	4 days.	21·0
	Trincomalee	99									78·9	96·1	+5·1	76·4	−1·2	86·2	+1·9	19·7	100·0	20th	73·0	1st	27·0
	Colombo	21	29·894	−·003	29·843	30·014	22nd	29·822	11th	·192	78·7	92·1	+3·2	77·1	+1·1	84·6	+2·1	15·0	96·0	27th	72·0	24th	24·0
	Minicoy	7	29·954			30·043	21st & 22nd.	29·873	29th	·170													
	Amini Divi	*13*	29·941	+·046	29·882	30·026	21st	29·869	29th	·157	84·9	90·9	+0·6	78·7	−1·3	84·8	−0·3	12·2	96·1	29th	76·7	22nd	19·4
	Gyantse	13,120	17·012		16·973	17·155	26th	16·816	10th	·339	42·0	60·3		26·7		43·5		33·6	72·9	27th	15·3	6th	57·6
	Phari jong	14,400									37·5			16·7							5·8	10th	
	Gangtok	5,660?									58·1	68·9		52·2		60·6		16·7	76·3	27th	47·6	2nd & 6th.	28·7
	Gartck (*c*)	14,140	17·521			17·650	2nd & 5th.	17·425	20th.	·225	27·3	42·4		16·0		29·2		26·4	57·1	25th	1·5	4th	55·6
	Kashgar (*c*)	4,255	25·506			25·710	14th	25·230	2nd	·480	58·9	75·1	+3·5	51·7	+2·7	63·4	+3·1	23·4	90·6	22nd	38·3	4th	52·3
	Kabul				All observations rejected.																		
	Meshed	3,104	26·723		26·701	26·991	1st	26·467	15th	·524	52·9	67·5		42·2	−5·9	54·9		25·3	83·4	15th & 19th.	18·3	1st	65·1
	Jask	13	29·865	−·017	29·832	30·008	2nd	29·700	19th	·308	72·3	85·3	−1·9	69·5	−3·8	77·4	−2·9	15·8	90·3	11th & 30th.	63·8	3rd	26·5
	Muscat	20	29·888	+·019	29·857	30·024	2nd	29·724	19th	·300	82·5	90·4	+4·6	77·4	−3·1	83·9	+0·7	13·0	101·3	30th	71·1	2nd	30·2
	Bahrein	18	29·932		29·903	30·124	1st	29·629	14th	·495	74·0	79·0		68·7		73·9		10·3	96·1	15th	58·2	2nd	37·9
	Bushire	14	29·896	+·005	29·872	30·105	1st	29·541	14th	·564	68·5	77·4	−4·2	64·6	−2·1	71·0	−3·1	12·8	90·8	18th	53·5	2nd	37·3
	Busrah	25	29·929		29·914	30·159	2nd	29·657	13th	·502	71·0	77·9		63·2		70·6		14·7	89·3	13th	51·3	1st	38·0
	Kerman										56·8	75·7		46·6		61·1		29·1	85·0	19th	28·9	2nd	56·1
	Ispahan (*b*) (*k*)	*5,817*	24·275			24·430	1st	24·050	14th & 19th.	·380	5 ·	67·6†	−5·3†	43·5	−2·2	55·5†	−3·7	24·1	75·4	11th, 13th & 17th.	31·2	1st	44·2
	Tehran (*b*) (*l*)	*4,002*	25·793			26·104	1st	25·450	14th	·654	51·3	66·5	−4·9	45·0	−	55·7	−4·9	21·5	77·4	14th	28·2	1st	49·2
	Baghdad†	127	29·796	−·053	29·898	30·046	1st	29·462	14th	·584	64·8	79·0	−2·6	58·2	+1·2	68·6	−0·7	20·8	91·3	12th	46·0	1st	45·3
	Beirut**	111			29·871						64·2	70·8		57·5		64·2		13·3	80·8	11th	51·8	15th & 19th.	29·0
	Aden	94	29·882	+·041	29·908	29·960	26th	29·803	29th	·157	81·1	87·2	−1·9	78·1	+0·8	82·7	−0·5	9·1	90·6	30th	73·9	14th	16·7
	Perim †	201	29·751	+·063	29·888	29·796	26th	29·695	19th	·101	81·4	87·7	−0·9	78·5	−0·2	83·1	−0·5	9·2	90·8	29th	77·2	2nd & 12th.	13·6
	Zanzibar	72	29·981	+·044	29·980	30·057	10th	29·874	3rd	·183	78·9	83·9	−0·9	78·0	+0·4	80·9	−0·3	5·9	87·2	1st	73·3	12th	13·9

N.B.—Elevations in italics indicate barometrical determinations.

NOTE.—The barometric readings are not reduced to sea-level, in the cases of hill or plateau stations, the elevations of which exceed 3,200 feet.

(*a*) 9 hrs. observations. (*b*) Aneroid uncorrected. ** 8½ hrs. observations.

(*c*) Aneroid corrected. (*k*) 7 hrs. observations up to 21st. (*l*) 7 hrs. observations.

B—*concluded.*

stations in India, etc., in April, 1911—concluded.

Wind direction. Number of winds from Calm.	N. E.	E.	S. E.	S.	S. W.	W.	N. W.	Resultant direction.	Normal direction.	Wind velocity. Mean velocity, miles per hour.	Normal.	Departure from normal.	Wind steadiness. Actual percentage.	Departure from normal.	Hygrometry, 8 hrs. Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs. in inches of mercury.	Departure from normal in inches of mercury.	Cloud. Mean cloud amount at 8 hrs.	Departure from normal.	Rainfall. Number of rainy days.	Normal number of rainy days.	Departure from Normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st Dec., 1910, to 30th April, 1911.	Normal rainfall for period, 1st Dec., to 30th April.	Departure from normal of period, 1st Dec., 1910, to 30th April, 1911.	Heaviest rainfall during month.	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	54	55	56	57
																																Extra India.
17		5		2		4		2	N 45° E		5·5*			3						5·5		5			3·83			24·99¶			1·22	Singapore.
	2	12	1	1	4		1	9	N 14° E		11·7			10								13			9·11			21·42			2·03	Penang.
8					1	20			S 43° W†	S 39° W	15·4*	6·8	−1·4	74	+ 6	79	− 2	·778	−·149	4·3	+1·2	0			0	1·81	− 1·81	19·37	26·52	− 7·15	0	Trincomalee.
10	3	3			3	4	6	1	W	S 12° E	5·3*	6·3	−1·0	25	−27	86	+ 8	·843	−·051	6·1	+1·2	2			0·73	12·03	−11·30	12·46	28·76	−16·30	0·28	Colombo.
	4	1				2	3	20	N 47° W	N 59° W	6·4	7·4	−1·0	80	+25					3·8	−0·9	0			0	3·67	− 3·67	0·88	11·75	−10·87	0	Minicoy.
	11					1		18	N 25° W		10·1			87		68	−7	·824	−·107	3·3	−1·6	0			0	2·58	− 2·58	0·01	3·09	− 3·08	0	Amini Divi.
9			10	9		2			S 62° E		4·5§			53		48		·127		0·1		1			0·15			0·15			0·15	Gyantse.
23		1			1	2	1	2	W					10		74		·133				4			1·76			2·17			0·58	Pharijong.
22		7				1			N 45° E		3·0			20		83		·401		2·0		16			15·12			25·71			3·13	Gangtok.
12				8	9	1			S 18° E		9·0			53						1·4		0			0			0			0	Gartok.
24								6	N 45 W	N 21° W	1·9	4·6	−2·7	20	+ 8	55	+ 9	·281	+·061	3·8	−1·2	2			0·72	0·12	+ 0·60	1·17	0·90	+ 0·27	0·44	Nangar.
														All	obse	vati	ons	rejected.														Kaoul.
20	1	1	2	1	1		1	3	N 8° E		2·7			6		63		·255		4·4	0	5			1·36	1·78	− 0·42	6·83	6·35	+ 0·48	0·45	Meshed.
4	2	3	3				8	10	N 42° W	N 45° W	9·1	9·8	−0·7	49	+34	70	+ 4	·558	−·114	1·2	+0·2	0			0	0·03	− 0·03	7·57	3·80	+3·77	0	Jask.
8	2		2			1	3	14	N 46° W	N 51° W	7·0	4·3	+2·7	49	+19	52	− 6	·564	−·081	3·3	+2·5	0			0	0·03	− 0·03	4·52	3·40	+1·12	0	Muscat.
	7	2	5	4		2	3	7	N		8·1			30		64		·538		2·8		0			0·09			6·08			0·06	Bahrein.
5	1	8	4	2		1	2	7	N 20° E	N 1° E	10·8	9·0	+1·8	30	− 7	72	+10	·498	−·019	4·5	+2·1	0			0·07	0·53	− 0·46	20·06	10·24	+9·82	0·04	Bushire.
6	1	1		2	7	3	7	3	S 52° W		4·7			37		64		·481		5·0		3			1·37			7·37			0·73	Buserah
	7	2	3	4	5	7		2	S 18° E		5·4			10		61		·295		0·5		1			0·35			5·19			0·14	Kerman.
11	4	1	2		1	2	9		N 76° W	N 83° W	4·5	6·4	−1·9	27		60		·236		2·1		3			0·75	0·38	+ 0·37	6·80	2·34	+4·46	0·36	Ispahan.
13	2	8	2		1	2	2		N 39° E	S 63° W	4·0	4·4	−0·4	23		63		·239		9·8		6			1·96	1·18	+ 0·78	9·10	7·46	+1·64	0·55	Tehran.
9	3	3		4	4	1	3	2	S 9° W	N 2° W	8·4‡	4·2	+4·2	4	−29	64	+ 2	·398	−·004	3·7	+2·1	2			0·95	0·96	−0·01	7·31	7·75	− 0·44	0·65	Baghdad.
4		4			22				S 36° W					36		73		·441		4·7		8			4·96			30·82			3·07	Beirut
6	1	23							N 43° E	N 80° E	15·8	15·4	+0·4	72	− 2	79	+ 5	·826	+·035	4·2	+0·8	0			0	0·38	− 0·38	1·30	2·23	−0·93	0	Aden.
			10	1		1	2	1	S 57° E	S 69° E	18·5	18·0	+0·5	69	+11	78	+ 2	·842	+·003	5·8	+1·5	1			0·23	0·02	+ 0·21	3·40	0·97	+2·43	0·23	Perim.
4			2	10	11				S 20° W‡	S 15° W	6·7	7·1	−0·4	75		86	0	·840	−·018	6·9	+0·6	14			13·40	13·23	+ 0·17	31·95	30·08	+1·87	2·75	Zanzibar.

* Uncorrected for scale error.
§ Mean of 26 days.
† Mean of 29 days.
‡ " " 28 "
¶ Rainfall for February, 1911, not included.

Table C.—Abstract of observations taken at 8 hrs. at fourth class stations in India, etc., in April, 1911. 38

Tabl

Abstract of observations taken at 8 hrs. at 38 fourt

Number of subdivision.	Station.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range during month.	Wind direction. Number of winds from Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Resultant direction.	Normal direction
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
	II.—Eastern Bengal and Assam.																								
4	Bishnath	70·7	83·2	...	63·4	...	73·3	...	19·8	95·3	27th	59·7	22nd	35·6	...	...	...	...	...	...	...	...	...	...	...
	Borjuli	73·2	85·1	...	64·4	...	74·7	...	20·7	93·0	27th	52·4	3rd	40·6	...	...	...	...	...	...	...	...	...	...	...
	Chandkhira	74·7	88·8	...	68·5*	...	78·7	...	20·3	94·0	16th	62·2	20th	31·8	...	...	...	...	...	...	...	...	...	...	...
	Doom Dooma	69·4	81·1	...	64·3	...	72·7	...	16·8	93·3	27th	58·2	19th	35·1	...	...	...	...	...	...	...	...	...	...	...
	Dikom	69·1	80·7	...	65·0	...	72·9	...	15·7	93·2	27th	58·6	8th	34·6	...	...	...	...	...	...	...	...	...	...	...
	Golaghat	72·1	72·6	...	65·5	...	69·1	...	7·1	83·5	26th	60·6	19th	22·9	...	...	...	...	...	...	...	...	...	...	...
	Hailakandi									Observations not received.															
	Jorehat	72·1	80·7	...	65·8	...	73·3	...	14·9	92·4	27th	60·0	4th	32·4	...	...	...	...	...	...	...	...	...	...	...
	Messa	74·7	90·2	...	56·5	...	73·3	...	33·7	95·8	27th	51·6	8th, 10th & 12th	44·2	...	...	...	...	...	...	...	...	...	...	...
	Panerihat	63·9	82·4	...	60·1	...	71·3	...	22·3	91·1	27th	54·2	17th	36·9	...	...	...	...	...	...	...	...	...	...	...
	Srimangal	76·5	90·1	...	69·4	...	79·7	...	20·7	95·3	15th	63·0	6th	32·3	...	...	...	...	...	...	...	...	...	...	...
5	Brahmanbaria	80·8	89·8	...	71·5	...	80·7	...	18·3	94·3	16th	64·9	20th	29·4	...	...	...	...	...	...	...	...	...	...	...
	Dam Dim	74·8	90·0	...	64·9	...	77·5	...	25·1	94·1	26th	57·5	6th	36·6	...	...	...	...	...	...	...	...	...	...	...
	Goalundo	82·1	93·7	...	71·6	...	82·7	...	22·1	101·4	13th	62·3	21st	39·1	...	...	...	...	...	...	...	...	...	...	...
	Kalchini	76·7	86·2	...	64·3	...	75·5	...	22·5	93·1	26th	55·4	28th	37·7	...	...	...	...	...	...	...	...	...	...	...
	Nagrakata	73·3	85·9	...	66·1	...	76·0	...	19·8	92·1	26th	61·0	6th	31·1	...	...	...	...	...	...	...	...	...	...	...
	Pabna	80·8	95·5	...	69·6	...	55·0	...	25·9	102·5	14th	60·4	19th	42·1	...	...	...	...	...	...	...	...	...	...	...
	IV.—United Provinces of Agra and Oudh.																								
10	Ballia*	81·0	98·5	...	71·9	...	85·2	...	26·6	105·3	28th	64·4	6th	40·9	...	...	...	...	...	...	...	...	...	...	...
	XI.—Central Provinces																								
24	Chhindwara	83·4	100·1	...	69·8	...	85·0	...	30·3	103·7	26th	60·1	10th	43·6	...	7	6	1	...	3	3	5	5	N 27° W	...
	XIV.—Madras.																								
33	Anantapur	83·9	103·3	...	77·0	...	90·1	...	26·3	105·8	23rd	73·6	18th & 19th.	32·2	...	...	...	...	...	...	...	...	...	...	...
34	Guntur	83·9*	101·1	...	77·5	...	89·3	...	23·6	111·7	19th	68·6	25th	43·1	...	...	...	...	...	...	...	...	...	...	...
	Bay Islands.																								
1	Car Nicobar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kashmir.																								
14	Jammu	76·3	88·9	...	67·1	...	78·0	...	21·8	96·6	18th	59·8	6th	36·8	...	11	15	...	...	1	2	1	...	N 23° E	...
	Kargil	34·8	50·5	...	29·4	...	40·0	...	21·1	63·6	25th	17·2	5th	46·4	...	3	10	13	...	...	...	...	4	N 53° E	...
	Hill Stations, exclusive of Kashmir.																								
	Panighatta	75·3	86·0	...	67·9	...	76·9	...	18·1	91·3	25th	60·8	6th	30·5	...	...	...	...	...	...	...	...	...	...	...
	Kurseong	63·5	71·1	...	59·5*	...	65·3	...	11·6	75·3	27th & 30th.	53·5	20th	21·8	...	...	...	...	...	...	...	...	...	...	...

* Mean of 29 days.

C.

class stations in India, etc., in April, 1911.

Wind velocity.			Wind steadiness.		Hygrometry, 8 hrs.				Cloud.		Rainfall.									Heaviest rainfall during month.	Station.
Mean velocity, miles per hour.	Normal.	Departure from normal.	Actual percentage.	Departure from normal.	Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs. in inches of mercury.	Departure from normal in inches of mercury.	Mean cloud amount at 8 hrs.	Departure from normal.	Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st December, 1910, to 30th April, 1911.	Normal rainfall for period, 1st December to 30th April.	Departure from normal of period, 1st December, 1910, to 30th April, 1911.		
27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
																					II.—Eastern Bengal and Assam.
...	...	...	...	...	87	...	·646	...	...	...	13	...	...	7·63	...	...	15·04	...	...	1·39	Bishnath.
...	...	...	...	...	80	...	·650	...	...	...	14	...	...	7·06	...	...	14·10	...	...	2·85	Borjuli.
...	...	...	...	...	87	...	·749	...	...	...	10	...	...	14·01	...	...	21·60	...	...	3·22	Chandkhira.
...	...	...	...	...	84	...	·601	...	...	...	13	...	...	9·87	...	...	19·07	...	...	1·98	Doom Dooma.
...	...	...	...	...	90	...	·640	...	...	...	12	...	...	10·28	...	...	20·68	...	...	2·05	Dikom.
...	...	...	...	...	97	...	·769	...	...	...	17	...	...	9·27	...	...	16·45	...	...	1·29	Golaghat.
							Observations not received.														Hailakandi.
...	...	...	...	...	85	...	·667	...	...	...	18	...	...	10·96	...	...	22·21	...	...	1·22	Jorehat.
...	...	...	...	...	90	...	·785	...	...	...	11	...	...	6·84	...	...	12·62	...	...	1·29	Messa.
...	...	...	...	...	97	...	·585	...	...	...	13	...	...	7·64	...	...	12·35	...	...	1·20	Panerihat.
...	...	...	...	...	85	...	·781	...	...	...	11	...	...	10·43	...	...	16·82	...	...	1·86	Srimangal.
...	...	...	...	...	75	...	·796	...	...	...	7	...	...	6·01	...	...	9·81	...	...	1·30	Brahmanbaria.
...	...	...	...	...	97	...	·843	...	...	...	6	...	...	3·98	...	...	8·05	...	...	2·26	Dam Dim.
...	...	...	...	...	76	...	·830	...	...	...	6	...	...	2·37	...	...	7·31	...	...	1·14	Goalundo.
...	...	...	...	...	79	...	·736	...	...	...	8	...	...	8·18	...	...	12·98	...	...	2·49	Kalchini.
...	...	...	...	...	81	...	·653	...	...	...	12	...	...	10·37	...	...	15·99	...	...	1·81	Nagrakata.
...	...	...	...	...	80	...	·847	...	...	...	3	...	...	1·31	...	...	2·39	...	...	0·48	Pabna.
																					IV.—United Provinces of Agra and Oudh.
...	...	...	...	...	49	...	·508	...	...	...	...	...	...	...	...	...	...	...	...	...	Ballia.
																					XI.—Central Provinces.
4·0	...	...	37	...	43	...	·484	...	0	...	0	...	...	0	...	...	1·97	...	...	0	Chhindwara.
																					XIV.—Madras.
...	...	...	...	...	80	...	·929	...	3·9	...	2	...	...	1·27	...	...	1·30	...	...	0·79	Anantapur.
...	...	...	...	...	83*	...	·966*	...	3·1*	...	2	...	...	0·70	...	...	0·70	...	...	0·33	Guntur.
																					Bay Islands.
...	...	...	...	...	...	...	...	...	...	...	6	...	...	5·29	...	...	6·58‡	...	...	1·63	Car Nicobar.
																					Kashmir.
...	...	...	70	...	42	...	·377	...	2·0	...	2	...	...	0·48	...	...	15·75	...	...	0·28	Jammu.
...	...	...	70	...	66	...	·137	...	5·7	...	5	...	...	1·66§	...	...	9·02	...	...	0·51	Kargil.
																					Hill Stations, exclusive of Kashmir.
...	...	...	...	...	65	...	·566	...	...	...	8	...	...	2·39	...	...	8·06	...	...	0·65	Panighatta.
...	...	...	...	...	74	...	·440	...	...	...	9	...	...	4·75	...	...	10·40	...	...	1·75	Kurseong.

‡ Rainfall for December, 1910, is not included.

§ Rain and snow water.

Table

Abstract of observations taken at 8 hrs. at 38 fourth

Number of subdivision.	Station.	Temperature of air.													Wind direction.										
															Number of winds from										
		Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range during month.	Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Resultant direction.	Normal direction.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
	Hill Stations, exclusive of Kashmir—*concld.*																								
	Gnatong	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lachung	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Ringim	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Poo	...	56·9	...	39·2	...	48·1	...	17·7	68·2	27th	29·9	4th	38·3	4	...	1	9	12	1	2	...	1	S 61° E	...
	Kailang	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Drosh	53·8	68·6	...	47·9	...	58·2	...	20·7	81·6	20th	40·3	9th	41·3	26	...	4	...	...	...	...	...	...	N 45° E	...
	Pishin	...	74·3	...	43·9	...	59·1	...	30·4	83·4	16th & 20th.	32·0	3rd & 4th.	51·4	...	...	...	...	...	...	...	...	...	...	...
	Kalat	55·0	72·4	−3·7	39·7	+2·3	56·1	−0·7	32·7	82·4	21st	23·9	3rd	58·5	...	5	...	...	...	24	...	1	...	S 3° W	...
	Extra India.																								
	Ahwaz	...	78·5	...	62·2	...	70·3	...	16·3	89·4	13th	52·0	1st	37·4	...	...	...	...	...	...	...	...	...	...	...
	Birjand	Observations not received.																							
	Chumbi	39·8	59·8	...	34·9	...	47·3	...	24·9	69·6	27th	27·6	6th	42·0	...	...	...	...	...	...	...	...	...	...	...
	Kirmanshah	48·7	59·9	...	38·6	...	49·2	...	21·3	70·8	15th	27·8	2nd	43·0	...	...	...	...	...	...	...	...	...	...	...
	Koweit	...	80·6	...	63·3	...	71·9	...	17·3	92·0	14th	53·7	2nd	38·3	...	...	1	1	7	...	2	5	14	N 68° W	...
	Maidan	Observations not received.																							
	Muhammerah	...	79·2	...	63·8	...	71·5	...	15·4	88·4	12th	54·6	1st	33·8	...	5	...	...	7	8	...	...	5	S 14° E	...
	Pemba	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Prison Island	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

C—*concluded.*

class stations in India, etc., in April, 1911—concluded.

Wind velocity.			Wind steadiness.		Hygrometry, 8 hrs.				Cloud.		Rainfall.										Station.
Mean velocity, miles per hour.	Normal.	Departure from normal.	Actual percentage.	Departure from normal.	Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs. in inches of mercury.	Departure from normal in inches of mercury.	Mean cloud amount at 8 hrs.	Departure from normal.	Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st December, 1910, to 30th April, 1911.	Normal rainfall for period, 1st December to 30th April.	Departure from normal of period, 1st December, 1910, to 30th April, 1911.	Heaviest rainfall during month.	
27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
																					Hill Stations, exclusive of Kashmir—*concld.*
...	...	...	...	...	...	...	...	...	...	...	22	...	...	11·02	...	...	26·51	...	...	1·26	Gnatong.
...	...	...	...	...	...	...	...	...	...	...	Rainfall observations not recorded.										Lachung.
...	...	...	...	...	...	...	...	...	...	...	18	...	...	10·49	...	...	24·29	...	...	2·26	Ringim.
...	...	...	57	...	...	...	...	...	3·4	...	3	...	...	2·67	1·72	+0·95	16·30	14·01	+2·29	1·75	Poo.
...	...	...	...	...	...	...	...	...	...	...	4	...	...	3·17	...	...	24·70	...	...	1·04	Kailang.
...	...	...	13	...	59	...	·241	...	3·1	...	10	...	...	4·44	...	...	16·53	...	...	1·10	Drosh.
...	...	...	...	...	...	...	...	...	2·3	...	0	1·90	—1·90	0	0·86	—0·86	11·11	8·91	+2·20	0	Pishin.
...	...	...	63	...	53	...	·237	...	...	...	0	1·10	—1·10	0·04	0·22	—0·18	8·17	3·75	+4·42	0·04	Kalat.
																					Extra India.
...	...	...	...	...	...	...	...	...	4·7	...	3	...	...	1·13	...	...	10·51	...	...	0·54	Ahwaz.
											Observations not received.										Birjand.
8·4	...	...	...	...	85	...	·210	...	...	...	15	...	...	6·62*	...	...	12·47	...	...	0·89	Chumbi.
...	...	...	...	...	67	...	·233	...	...	...	12	...	...	6·73	...	...	17·43	...	...	1·17	Kirmanshah.
...	...	...	37	...	...	...	...	...	5·2	...	4	...	...	0·78	...	...	7·36	...	...	0·26	Koweit.
											Observations not received.										Maidan.
...	...	...	13	...	...	...	...	...	...	...	3	...	...	1·61	...	...	10·04	...	...	0·90	Muhammerah.†
...	...	...	...	...	...	...	...	...	...	...	?	...	...	29·12	...	...	42·82	...	...	?	Pemba.
								No rainfall observations.													Prison Island.

* Rain and snow water.

† Wind variable 5.

Table A.—Abstract of observations taken at 10 hrs. and 16 hrs. at 33 stations in India, etc., in May, 1911.

Table

Abstract of observations taken at 10 hrs. and 16 hrs

Number of subdivision.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure. Mean of 10 hrs.	Mean of 16 hrs.	Mean daily range.	Mean of daily mean pressures.	Departure from normal.	Mean reduced to sea-level and gravity, 45° Lat.	Temperature of air. Mean maximum.	Mean minimum.	Mean daily range.	Highest maximum.	Lowest minimum.	Absolute range.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	Temperature, wet-bulb. Mean minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of three previous columns.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	3
	I.—Burma.																					
2	Rangoon	18	29·843	29·714	·129	29·783	+·005	29·738	90·6	77·2	13·4	98·0	71·9	26·1	85·7	87·0	81·5	−0·7	75·1	78·3	78·9	74·1
	III.—Bengal.																					
6	Calcutta	21	·698	·579	·119	·641	−·020	·607	95·1	79·0	16·1	99·0	72·4	26·6	90·3	92·4	86·7	+1·0	75·9	81·0	80·9	79·3
	IV.—United Provinces of Agra and Oudh.																					
10	Allahabad	309	·333	·211	·122	·269	−·045	·517	110·3	80·2	30·1	115·4	73·5	41·9	99·8	109·0	94·4	+1·9	68·0	74·9	74·4	72·4
11	Dehra Dun	2,233	27·462	27·369	·093	27·409	−·052	·522	98·1	70·8	27·3	102·0	63·4	38·6	89·8	96·0	83·3	+1·7	59·3	68·3	69·3	65·6
	V.—Punjab.																					
12	Lahore	702	28·937	28·851	·086	28·888	−·017	·528	107·7	74·2	33·5	116·4	64·3	52·1	97·1	105·8	90·6	+1·7	64·6	72·5	73·3	70·1
	VIII.—Rajputana.																					
19	Jaipur	1,431	·286	·178	·108	·227	−·017	·550	109·9	80·3	29·6	114·2	71·9	42·3	99·7	108·4	94·3	+2·7	63·2	71·5	71·7	68·8
	Udaipur	1,925	27·853	27·748	·105	27·800		·592	105·4	80·2	25·2	109·6	74·3	35·3	97·6	104·0	92·4		67·5	75·7	78·4	73·9
	IX.—Bombay.																					
26	Bombay	37	29·828	29·730	·098	29·778	+·004	·754	91·4	80·8	10·6	94·2	78·4	15·8	86·6	88·1	85·0	+0·4	76·9	79·2	79·6	78·6
	XI.—Central Provinces.																					
24	Nagpur	1,017	28·691	28·551	·140	28·623	−·023	·547	112·0	24·8	27·2	114·6	80·0	34·6	102·0	109·5	97·3	+2·8	61·7	71·3	72·5	68·5
	XII.—Hyderabad.																					
29	Hyderabad	1,690	·087	27·956	·131	·022	−·029	·590	106·0	81·7	24·3	109·4	74·2	35·2	94·9	102·6	92·7	+2·6	67·3	72·2	72·9	70·8
	XIII.—Mysore.																					
30	Bangalore	3,021	26·899	26·781	·118	26·847	+·004	·706	91·7	68·3	23·4	96·5	63·5	33·0	81·9	86·8	78·3	−0·2	64·9	71·7	71·5	69·3
	Mysore	2,518	27·387	27·264	·123	27·332	−·009	·727	90·0	68·9	21·1	95·4	65·0	30·4	80·7	88·9	77·8	−1·4	67·2	73·0	75·5	71·9
	XIV.—Madras.																					
32	Pudukkottai	318	29·504	29·367	·137	29·435		·677	101·5	78·4	23·1	105·5	69·0	36·5	91·1	98·2	90·0		76·7	81·6	82·2	80·2
	Madras	22	·772	·654	·118	·721	−·012	·675	97·8	82·0	15·8	105·5	77·7	27·8	94·0	90·2	88·8	+0·1	77·1	80·4	81·4	79·5
	Bay Islands.																					
1	Port Blair	58	·808	·720	·088	·764	−·002	·751	87·4	77·3	10·1	91·0	72·8	18·2	84·3	84·2	81·3	−1·3	74·7	78·6	78·3	77·2
	Kashmir.																					
14	Srinagar	5,204	24·852	24·773	·079	24·815	+·001	24·786	78·3	51·6	26·7	92·1	43·2	48·9	68·4	75·8	64·4	+0·5	48·4	63·3	69·8	60·5
	Leh	11,503	19·754	19·663	·091	19·716	+·022	19·683	67·8	37·4	30·4	78·8	31·0	47·8	57·4	63·1	52·0	+2·2	32·4	42·2	44·8	39·8
	Baluchistan.																					
16	Quetta	5,502	24·614	24·545	·069	24·570	+·016	24·530	86·0	51·7	34·3	98·1	43·7	54·4	79·0	83·0	69·0	+1·0	46·7	56·6	58·2	53·8

N.B.—Elevations in italics indicate barometric determinations.

NOTE.—The barometric readings are not reduced to sea-level, in the cases of hill or plateau stations, the elevations of which exceed 3,200 feet.

A.

at 33 stations in India, etc., in May, 1911.

Vapour tension in inches of mercury.					Humidity.					Cloud.				Wind direction.											Wind steadiness.		Wind velocity.		Rainfall.		Station.	Number of subdivisions.
														Total number of 10 hrs. and 16 hrs. winds from																		
From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	Mean 10 hrs.	Mean 16 hrs.	Mean of two previous columns.	Departure from normal.	Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Mean wind direction.	Normal mean wind direction of month.	Average percentage.	Normal percentage.	Mean velocity in miles per diem.	Normal.	Total rainfall for the month.	Heaviest rainfall during the month.		
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	54	55	56
																															I.—Burma.	
·842	·868	·877	876	−·014	90	72	70	78	− 5	8·2	8·2	8·2	+1·1	15	1		1	8	18	10	5	4	S 17° W	S 21° W	45	59	28	110	9·37	2·11	Rangoon . .	2
																															III.—Bengal.	
·853	·932	896	903	+·020	86	66	59	73	− 2	4·1	3·5	3·8	−0·5					4	33	24	1		S 16° W	S 9° W	89	67	216*	168	3·09	1·41	Calcutta . .	6
																															IV.—United Provinces of Agra and Oudh.	
·531	·538	391	·499	−·022	51	29	16	34	− 5	0·7	0·6	0·7	−0·9	4	7	7	7	1	1		16	19	N 35° W	N 6° W	47	24	108	163	0	0	Allahabad .	10
·364	·424	·383	·393	−·010	48	30	23	36	− 9	0·7	1·5	1·1	−1·6	3		1	1	2	6	5	31	12	S 88° W	S 79° W	65	24	47*	53	0·16	0·11	Dehra Dun† .	11
																															V.—Punjab.	
·486	·470	385	·458	+·004	58	27	18	35	− 1	1·3	1·7	1·5	−0·7	2	10	6	3		2	3	15	21	N 45° W	N 12° E	56	18	63	77	0·58	0·37	Lahore . .	12
																															VIII.—Rajputana.	
·371	·423	323	·379	−·069	35	23	13	26	− 9	1·0	2·7	1·9	−0·4	1	1	3	2		3	5	18	29	N 66° W	N 72° W	68	48	159	151	0	0	Jaipur . .	19
·513	613	·658	·601		50	34	30	38		0·9	1·7	1·3		4	1	1			2	10	34	10	S 89° W		76		161		0	0	Udaipur.	
																															IX.—Bombay.	
·868	·895	889	·897	+·008	83	71	67	77	+ 1	4·1	3·0	3·5	+0·9		1				4	14	31	12	S 85° W	N 83° W	81	71	195*	212	0·04	0·03	Bombay . .	26
																															XI.—Central Provinces.	
·261	·381	·338	·315	−·116	22	19	13	18	−10	2·5	4·6	3·5	−0·3																0·13	0·13	Nagpur . .	24
																															XII.—Hyderabad.	
·489	·505	·432	·481	−·085	46	32	22	34	− 8	2·9	5·6	4·3	+1·1	37		1				1	22	1	N 88 W	N 64° W	37	43	108	154	0·93	0·60	Hyderabad .	29
																															XIII.—Mysore.	
·577	·655	·591	·622	+·017	84	61	48	66	+ 3	2·7	5·8	4·3		1	3		1		2	11	29	15	N 85° W	S 81° W	76	66	177	151	0·78	0·47	Bangalore . .	30
·640	·716	707	·702	+·076	91	69	53	73	+ 8	5·8	6·4	6·1	0		1				1	27	30	3	S 70° W	S 84° W	89	60	194	245	11·18	1·60	Mysore.	
																															XIV.—Madras.	
·898	·915	·905	·906		92	65	50	69		4·0	4·8	4·4		9	3			5	7	19	10	9	S 61° W		48		230		4·70	1·75	Pudukkottai .	32
·868	·841	·954	·888	−·008	77	53	67	69	− 1	1·8	2·2	2·0	−1·7				2	27	12	12	4	3	S 10° E	S 9° E	63	66	227*	218	0·01	0·01	Madras.	
																															Bay Islands.	
·821	·901	·891	·884	−·057	88	77	76	82	− 3	6·7	6·7	6·7	−0·3	5	1			1	12	6	16	21	S 88° W	S 39° W	55	43	179	178	12·89	1·89	Port Blair .	1
																															Kashmir.	
·303	·532	·676	·475	+·033	79	75	74	76‡	− 2	2·7	3·8	3·3	−0·7	32	4	4		5	2	2		13	N 25° W	N 30° E	16	6	59	103	0·93	0·30	Srinagar . .	14
·143	138	·141	·140	+·010	63	29	24	39	− 1	3·3	5·2	4·3	−2·2		7	8	9	5	8	10	13	2	S 37° W	S 72° W	10	31	116	77	0	0	Leh.	
																															Baluchistan.	
·270	·225	·225	231	−·040	70	23	21	38	− 3	1·0	2·5	1·7	−0·3	23	2	2	1	2	3	1	6	22	N 53° W	N 69° W	37	45	43	79	0·10	0·10	Quetta . .	16

* Uncorrected for scale error.
‡ Mean of three previous columns.
† Wind observations less 1.

Ta

Abstract of observations taken at 10 hrs. and 16 hrs. at 33 stat

Number of subdivision.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure. Mean of 10 hrs.	Pressure. Mean of 16 hrs.	Pressure. Mean daily range.	Pressure. Mean of daily mean pressures.	Pressure. Departure from normal.	Pressure. Mean reduced to sea-level and gravity, 45° Lat.	Temperature of air. Mean maximum.	Temperature of air. Mean minimum.	Temperature of air. Mean daily range.	Temperature of air. Highest maximum.	Temperature of air. Lowest minimum.	Temperature of air. Absolute range.	Temperature of air. Mean 10 hrs.	Temperature of air. Mean 16 hrs.	Temperature of air. Mean of daily means.	Temperature of air. Departure from normal.	Temperature, wet-bulb. Mean minimum.	Temperature, wet-bulb. Mean 10 hrs.	Temperature, wet-bulb. Mean 16 hrs.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	Hill Stations excluding Kashmir and Baluchistan.																				
	Simla . . .	7,232	23·098	23·060	·038	23·070	+·015	23·032	75·8	61·7	14·1	81·8	48·1	33·7	69·6	73·3	68·9	+2·9	48·1	52·6	54·9
	Sarain . . .		·122	·073	·049	·088		·050	75·5	51·4	24·1	81·2	43·4	37·8	70·7	73·5	63·6			51·5	54·3
	Kalabagh . .		20·143‡	20·122§	·021	20·124		20·085‡	58·1§	47·5‡	10·6	62·4	44·1	18·3	53·3‡	55·9§	52·9‡			41·7‡	44·7§
	Chakrata . .	7,022	23·249	23·199	·050	23·214	−·016	23·174	78·3	60·2	18·1	83·3	50·1	33·2	74·7	73·9	69·2	+3·6	48·3	57·8	57·4*
	Muktesar . .	7,592	22·815	22·760	·055	22·778		22·737	76·7	58·2	18·5	80·3	51·2	29·1	69·1	72·7	67·5		46·5	54·3	58·3
	Katmandu . .	4,388	25·562	25·466	·096	25·510	+·017†	25·464	85·3	62·1	23·2	91·8	54·8	37·0	76·6	80·3	73·8	+3·0†	59·5	66·8	67·9
	Darjiling . .	7,376	22·957	22·874	·083	22·911	−·051	22·866	63·7	53·0	10·7	68·7	48·4	20·3	58·8	60·0	58·5	+0·2	52·3	57·6	57·8
	Pachmarhi . .	3,528	26·375	26·269	·106	26·319	−·015	26·265	98·6	78·2	20·4	102·5	70·1	32·4	87·6	95·6	88·5	+3·3	59·8	65·1	66·4
	Mount Abu . .	3,945	·010	25·937	·073	25·970	+·012	25·920	89·3	73·0	16·3	94·8	65·6	29·2	82·3	87·6	81·2	+1·4	57·3	61·9	64·3
	Chikalda . .	3,642	·275	26·188	·087	26·228	−·002	26·172	97·5	75·3	22·2	101·1	69·9	31·2	88·9	95·1	86·5	+2·8	61·2	66·9	66·7
	Ootacamund .	*7,327*	23·066	22·994	·072	23·030		22·966	71·2	51·9	19·3	73·9	49·6	24·3	67·9	64·2	61·6		50·7	58·5	58·4
	Kodaikanal . .	7,688								Observations not received.											
	Dodabetta . .	8,539?	22·085	22·015	·070	22·050		21·987	65·4	51·3	14·1	68·7	47·7	21·0	62·5	57·8	58·5		47·3	54·3	54·2
	Extra India.																				
	Minicoy . .	7	29·899	29·840	·059	29·874															
	Zanzibar . .	72	30·011	29·905	·106	29·963	−·013	29·962	82·4	76·7*	5·7	85·9	73·4	12·5	78·8	81·6	68·4	−9·4	71·2	75·1	74·8
	Diego Garcia .									Observations not received.											
	Seychelles . .	15	29·960	·877	·083	·920	−·021†	·859	84·2	77·8	6·4	85·9	73·4	12·5	81·9	83·1	79·6	+0·1†	72·0	76·1	76·4
	Mauritius . .	181								Observations not received.											

N.B.—Elevations in italics indicate barometric determinations.

NOTE.—The barometric readings are not reduced to sea-level, in the cases of hill or plateau stations, the elevations of which exceed 3,200 feet.

* Mean of 30 days.
‡ " " 19 "
§ " " 20 "

† Departure from old normal.

A—*concluded.*

in India, etc., in May, 1911—concluded.

Vapour tension in inches of mercury.					Humidity.					Cloud.				Wind direction.											Wind steadiness.		Wind velocity.		Rainfall.		Station.	Number of subdivision.
														Total number of 10 hrs. and 16 hrs. winds from																		
From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	Mean 10 hrs.	Mean 16 hrs.	Mean of two previous columns.	Departure from normal.	Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Mean wind direction.	Normal mean wind direction of month.	Average percentage.	Normal percentage.	Mean velocity in miles per diem.	Normal.	Total rainfall for the month.	Heaviest rainfall during the month.		
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	54	55	56
																															Hill Stations excluding Kashmir and Baluchistan.	
·194	·220	·245	·214	−·055	37	31	30	33	−13	1·4	2·6	2·0	−1·9																0·11	0·32	Simla.	
	·183	·224				25	28			2·0	3·7	2·9		23		2	5	1	15	13	3		S 12° W		39		22		0·10	0·25	Sarain.	
	·166‡	·200§				41‡	45§			0·5‡	4·1§	2·3		5	4			7	14	2		7	S 6° W		30		343‡		0	0	Kalabagh.‖	
·217	·303	·302*	·268	0	42	36	37*	38	−10	1·6	3·8	2·7	−0·9	3	2			23	32		2		S 17° E	S 57° W	79	33	80	187	0·18	0·09	Chakrata.	
·197	·271	·343	·264		41	38	43	41		2·2	4·2	3·2		27							35		W		56		193		0·11	0·07	Muktesar.	
·480	·544	·539	·515	+·025	85	60	55	67	−1	3·9	5·8	4·9	−0·3	2		1	32				26	1	N 76° E	S 89° W	10	39	25¶	43	5·42	1·48	Katmandu.	
·384	·460	·457	·428	+·025	95	93	89	92	+5	9·6	8·3	9·2	+1·8	39	1	2		2		2	14	2	N 86° W	S 78° W	23	36	49	163	11·40	2·64	Darjiling.	
·305	·361	·310	·317	−·046	32	29	19	27	−6	0	0	0	−3·0	1	5	3	2			3	14	34	N 51° W	N 66° W	74	58	213	180	0	0	Pachmarhi.	
·286	·322	337	·307	−·038	37	31	26	31	−5	1·4	1·2	1·3	+0·1			1				36	19	6	S 67° W	S 66° W	84	70	232	259	0	0	Mount Abu.	
·377	·404	·323	·360	−·006	44	31	20	32	−2	0·8	2·6	1·7	−1·3														225	242	0	0	Chikalda.	
·357	·390	·430	·389		93	56	72	74		4·8	7·8	6·3		9	7	11	19	4	1		3	8	N 52° E		43		64		7·58	1·41	Ootacamund.	
													Observations not received.																		Kodaikanal.	
·286	·340	·371	·332		75	60	76	70		5·5	8·3	6·9		2	13	20	14	3			2	8	N 36° E		63		395		5·83	1·51	Dodabetta.	
																															Extra India.	
										4·0	4·9	4·5			2				2	6	23	29	N 71° W		81		186		4·10	2·11	Minicoy.	
·692*	·819	·773	·786	−·034	75*	84	72	80	−4	5·5	5·1	5·3	−0·8	4				10	35	12	1		S 3° W	S 5° E	82	85	175	194	17·51	3·30	Zanzibar.	
													Observations not received.																		Diego Garcia.	
·711	·827	·819	·799	−·047	74	76	72	76	−4	6·3	6·3	6·3	+1·2†	10			6	19	23	4			S 23° E	S 42° E	69	59	137¶	165	4·18	1·31	Seychelles.	
													Observations not received.																		Mauritius.	

‖ Wind observations less 23.

¶ Uncorrected for scale error.

Table B.—Abstract of observations taken at 8 hrs. at 240 stations in India, etc., in May, 1911.

(1) Provincial means.

(2) Data of stations.

(1) Provincial means based on the material in Table B (2) except that the statement of rainfall depends on the complete data of about 2,000 stations.

	Pressure departure from normal.	Temperature of air.								Wind.		Hygrometry.				Cloud.		Rainfall.		
		Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Absolute range during month.	Departure of velocity from normal.	Departure of steadiness from normal.	Mean humidity.	Departure from normal.	Mean vapour tension.	Departure from normal.	Mean cloud amount.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.
Burma	0	92·7	0	75·8	—0·1	84·2	—0·1	16·9	27·0	—0·6	— 6	S1	— 1	·857	—·015	5·7	—0·3	7·52	9·05	—1·53
Eastern Bengal and Assam	—·004	87·8	—1·9	73·5	—0·9	80·7	—1·4	14·3	27·0	+0·4	+15	S5	0	·834	—·030	6·3	+0·3	16·51	11·70	+4·81
Bengal	—·025	100·5	+1·3	78·2	+0·5	89·4	+0·9	22·3	35·0	+1·3	+19	70	0	·820	—·011	3·7	+0·4	2·89	3·44	—0·55
United Provinces of Agra and Oudh	—·035	107·0	+2·8	78·1	+0·1	92·6	+1·5	28·9	41·2	—0·2	+13	43	— 3	·579	—·043	0·9	—0·6	0·08	0·64	—0·56
Punjab	—·017	106·3	+1·5	76·2	+0·3	91·2	+0·9	30·1	48·1	—0·4	+15	36	— 5	·487	—·041	1·1	—0·6	0·09	0·60	—0·51
North-West Frontier Province	—·014	102·1	+0·7	72·7	+0·3	87·4	+0·5	29·4	56·3	—0·9	+ 3	47	+ 1	·580	+·035	1·9	+0·3	0·28	0·72	—0·44
Sind	—·004	103·1	+0·5	79·1	+0·8	91·1	+0·7	24·0	35·6	—3·2	+13	60	0	·758	+·029	1·2	—0·6	0	0·10	—0·10
Rajputana	—·007	108·4	+2·8	82·5	+1·0	95·4	+1·9	25·9	38·9	—2·2	— 6	36	— 4	·526	—·060	1·1	—0·3	0·01	0·40	—0·39
Bombay	—·002	98·2	+0·6	77·3	+0·2	87·7	+0·4	20·9	30·4	—1·7	— 4	66	0	·769	+·016	3·3	+0·4	0·60	1·01	—0·41
Central India	—·019	107·3	+2·3	79·5	+1·5	93·4	+1·9	27·7	38·7	—0·3	+19	35	— 5	·495	—·049	2·0	+0·9	0·06	0·30	—0·24
Central Provinces	—·024	108·3	+2·6	82·0	+2·5	95·2	+2·5	26·2	36·8	0	+ 5	32	— 8	·449	—·084	2·4	+0·3	0·07	0·47	—0·40
Hyderabad	—·019	106·5	+2·3	81·5	+2·4	94·0	+2·3	25·1	34·2	—0·9	+ 3	45	— 5	·585	+·007	3·6	—0·3	0·62	0·85	—0·23
Mysore	—·005	91·3	+0·1	68·8	—0·3	80·1	—0·1	22·5	33·0	—0·5	+ 4	77	+ 3	·672	+·012	5·0	—0·2	5·16	3·39	+1·77
Madras	—·010	97·9	+0·4	79·6	+0·2	88·7	+0·3	18·3	29·9	+0·7	+ 6	70	— 1	·851	—·012	4·6	0	2·31	2·87	—0·56

Table

(2) *Abstract of observations taken at 8 hrs. at 240 stations*

Number of subdivision.	Station.	Elevation of barometer above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	I.—Burma.																						
2	Victoria Point	97	29·755		29·781	29·837	6th	29·690	21st	·147	80·4†	86·8†		75·7†		81·3†		11·1	87·2	27th, 28th & 30th.	73·2	29th	14·0
	Mergui	65	29·804	—·013	29·799	29·889	6th	29·728	21st	·161	80·9	90·5	+1·4	73·6	—0·2	82·0	+0·6	16·9	94·4	16th	69·4	7th	25·0
	Tavoy	19	29·863	—·010	29·815	29·935	6th	29·783	30th	·152	79·4	87·8	—0·6	75·6	+0·4	81·7	—0·1	12·2	92·0	5th & 16th	72·8	6th	19·2
	Moulmein	94	29·777	+·014	29·809	29·857	5th	29·686	30th	·171	79·4	87·4	—1·9	75·7	—0·1	81·5	—1·0	11·7	92·0	6th	72·8	6th	19·2
	Rangoon	18	29·831	—·007	29·786	29·914	6th	29·718	30th	·196	81·5	91·1	—0·8	77·2	—0·1	84·2	—0·5	13·9	98·1	5th	71·9	6th	26·2
	Bassein	27?	29·818	+·017	29·781	29·914	5th	29·703	31st	·211	83·7	93·8	+2·3	77·9	+0·9	85·8	+1·6	15·9	98·2	4th & 6th.	72·9	12th	25·3
	Diamond Island	41	29·800	+·002	29·775	29·900	5th	29·666	31st	·234	84·5	88·8	+0·2	77·7	—1·1	83·2	—0·5	11·1	90·4	6 days	72·2	12th	18·2
	Toungoo	164	29·674	+·012	29·778	29·752	5th	29·572	31st	·180	82·8	94·9	—0·8	76·5	—0·2	85·7	—0·5	18·4	101·5	6th	72·4	7th	29·1
	Kyaukpyu	18	29·802		29·759	29·897	2nd	29·677	31st	·220	82·6	89·4		77·5		83·4		11·9	93·0	9th & 10th	71·4	29th	21·6
	Akyab	20	29·795	+·002	29·755	29·900	5th	29·637	30th	·263	81·2	89·2	—1·4	77·1	—1·1	83·1	—1·3	12·1	91·9	14th	73·0	30th	18·9
3	Thayetmyo	121	29·692	+·007	29·754	29·786	17th	29·589	31st	·197	86·1	100·9	+2·5	79·3	+1·6	90·1	+2·1	21·6	105·5	4 days	75·9	15th	29·6
	Minbu	*165*	29·622	—·001	29·729	29·713	6th	29·521	31st	·192	84·1	100·8	+3·3	79·2	+1·5	90·0	+2·4	21·6	106·3	20th	75·0	29th	31·3
	Yamethin	657	29·138	—·007	29·741	29·231	6th	29·045	31st	·186	81·3	96·6	+1·3	76·2	0	86·4	+0·7	20·4	101·8	1st & 6th	72·5	22nd	29·3
	Mandalay	250	29·540	—·004	29·736	29·658	6th	29·450	30th	·208	83·9	98·9	—0·1	77·3	—1·7	88·1	—0·9	21·6	105·0	9th, 12th & 20th.	71·1	4th & 23rd	33·9
	Monywa	*280*	29·513		29·740	29·631	5th	29·387	30th	·244	83·2	99·4		78·0		88·7		21·4	107·3	13th	71·1	4th	36·2
	Lashio	*2,820*	27·035	—·018	29·734	27·161	5th	26·931	30th	·230	71·9	84·9	—3·4	66·2	—0·6	75·5	—2·0	18·7	92·3	13th	61·0	3rd	31·3
	Bhamo	*381*	29·408	0	29·744	29·513	5th	29·305	30th	·208	76·9	92·1	—1·6	71·5	—1·2	81·8	—1·4	20·6	99·4	13th	64·6	4th	34·8
	Myitkyina	458	29·307		29·724	29·431	2nd	29·213	30th	·218	76·8	88·9		71·6		80·2		17·3	97·2	13th	66·5	3rd	30·7
	II.—Eastern Bengal and Assam.																						
4	Dibrugarh	353	29·433		29·752	29·572	5th	29·294	30th	·278	74·5	82·3		72·0		77·1		10·3	90·9	25th	67·1	3rd	23·8
	Sibsagar	333	29·464	—·007	29·758	29·614	5th	29·330	30th	·284	75·2	82·6	—3·3	71·7	0	77·2	—1·7	10·9	90·6	25th	65·0	2nd	25·6
	Tezpur	252	29·525		29·738	29·690	5th	29·393	30th	·297	75·3	85·4		72·3		78·8		13·1	92·1	25th	66·4	3rd	25·7
	Gauhati	195	29·584		29·734	29·703	5th	29·453	30th	·250	75·7	85·4		72·2		78·8		13·2	92·8	1st	66·6	1st	26·2
	Dhubri ‡	115	29·645	—·011	29·716	29·736	16th	29·512	30th	·224	76·4	84·1	—1·8	72·5	—0·7	78·3	—1·3	11·6	91·5	1st	68·1	20th	23·4
	Silchar	104	29·699	+·001	29·757	29·798	5th	29·566	30th	·232	75·8	85·7	—3·0	71·5	—1·0	78·6	—2·0	14·2	92·3	13th	66·3	4th	26·0
5	Cox's Bazar	36	29·758		29·738	29·859	2nd	29·589	30th	·270	81·4	88·2		75·4		81·6		12·8	90·9	16th	70·7	9th	20·2
	Chittagong	87	29·714	+·011	29·746	29·807	5th	29·531	30th	·276	81·0	88·0	—0·6	74·7	—0·7	81·3	—0·7	13·3	90·5	16th	68·0	9th	22·5
	Noakhali	43	29·728		29·718	29·829	2nd	29·574	30th	·255	82·8	88·0		75·6		81·8		12·4	90·3	14th & 20th.	68·4	9th & 20th	21·9
	Barisal	12	29·742	—·002	29·701	29·831	1st	29·594	30th	·237	83·4	91·1	—0·8	75·7	—1·7	83·4	—1·3	15·4	95·3	17th	67·1	21st	23·2
	Comilla	36	29·627		29·715	29·822	5th	29·591	30th	·231	80·4	89·2		74·6		81·9		14·6	94·3	15th	68·3	3rd & 20th.	26·0
	Narayanganj	26	29·721	—·010	29·696	29·810	5th	29·593	30th	·217	82·0	90·4	—0·9	75·0	—0·8	82·7	—0·9	15·4	94·5	2nd	69·8	20th	24·7
	Faridpur	46	29·696		29·692	29·809	5th	29·562	30th	·247	81·5	91·4		74·2		82·8		17·2	95·3	4 days	65·9	21st	29·4
	Sirajganj	49	29·694		29·694	29·800	5th	29·569	30th	·231	75·0	88·1		72·9		80·5		15·2	94·4	1st	63·8	9th	30·6
	Mymensingh	63	29·708	+·003	29·723	29·802	5th	29·594	29th	·208	78·5	86·4	—2·2	73·1	—0·7	79·7	—1·5	13·3	94·1	1st	68·1	20th	26·0
	Bogra	75	29·670	+·007	29·696	29·765	5th	29·549	28th	·216	77·7	89·2	—3·3	73·1	—1·4	81·2	—2·3	16·1	96·7	16th & 18th.	67·2	20th	29·5
	Rampur Boalia	70	29·650		29·670	29·756	5th	29·517	28th	·239	81·5	95·4		76·1‡		85·7‡		19·3	103·1	t & 11th.	69·1	20th	34·0
	Malda	72	29·633		29·657	29·749	5th	29·507	29th	·242	80·8	94·4		75·3		84·9		19·1	103·8	11th	69·5	22nd	34·3
	Dinajpur	123	29·594	—·017	29·672	29·700	5th	29·454	28th	·246	77·4	89·5	—2·2	73·0	—1·3	81·2	—1·7	16·5	98·3	1st	67·0	20th	31·3
	Rangpur	123	29·618‖		29·697‖	29·717	6th	29·504	28th	·213	77·9	86·3		71·9		79·1		14·4	97·6	1st	63·9	20th	33·7

N. B.—Elevations in italics indicate barometrical determinations.

† Mean of 5 days. ‖ Mean of 26 days.

‡ „ „ 30 „

NOTE.—The barometric readings are not reduced to sea-level, in the cases of hill or plateau

B.

in India, etc., in May, 1911.

Wind direction. Number of winds from Calm. (25)	N. (26)	N.E. (27)	E. (28)	S.E. (29)	S. (30)	S.W. (31)	W. (32)	N.W. (33)	Resultant direction. (34)	Normal direction. (35)	Wind velocity. Mean velocity, miles per hour. (36)	Normal. (37)	Departure from normal. (38)	Wind steadiness. Actual percentage. (39)	Departure from normal. (40)	Hygrometry, 8 hrs. Mean humidity at 8 hrs. (41)	Departure from normal. (42)	Mean vapour tension at 8 hrs. in inches of mercury. (43)	Departure from normal in inches of mercury. (44)	Cloud. Mean cloud amount at 8 hrs. (45)	Departure from normal. (46)	Rainfall. Number of rainy days. (47)	Normal number of rainy days. (48)	Departure from normal. (49)	Rainfall of month. (50)	Normal rainfall of month. (51)	Departure from normal. (52)	Total rainfall from 1st to 31st May, 1911. (53)	Normal rainfall for period, 1st to 31st May. (54)	Departure from normal of period, 1st to 31st May, 1911. (55)	Heaviest rainfall during month. (56)	Station. (57)
																																I.—Burma.
		1	2	10	11	6		1	S 13° E					72		87†		·897†		6·9		21			15·13			15·13			2·62	Victoria Point
29							1	1	N 66° W	S 81° W	7·9	1·9	+6·0	7	−16	88	0	·911	+·006	5·8	−0·5	17	18·00	−1·00	14·51	18·20	− 3·69	14·51	18·20	−3·69	3·13	Mergui.
28					2	1			S 15° W	S 61° W	2·4*	1·6	+0·8	10	+ 1	87	− 1	·878	−·016	5·2	−1·6	15	17·70	−2·70	13·18	25·49	−12·31	13·18	25·49	−12·31	2·20	Tavoy.
13	2	5	8	1	2				N 77° E	S 47° E	3·7	3·4	+0·3	40	+ 4	90	+ 2	·895	+·008	9·1	+1·8	22	17·40	+4·60	19·42	20·89	− 1·47	19·42	20·89	− 1·47	4·33	Moulmein.
17		1	2		1	5	4	1	S 60° W	S 39° W	2·4	4·6	−2·2	20	−34	86§	− 2	·899§	−·019	8·2	+1·2	13	14·00	−1·00	9·37	12·23	− 2·86	9·37	12·23	− 2·86	2·11	Rangoon.
28						1	1	1	W	S 51° W	6·1	4·8	+1·3	8	−21	79	− 7	·912	−·023	5·2	−0·8	3	12·10	−9·10	1·20	10·27	− 9·07	1·20	10·27	− 9·07	0·33	Bassein.
4	1	3	1	3	1	6	5	7	N 86° W	S 64° W	8·4	7·8	+0·6	30	−10	76	− 3	·903	−·003	5·6	−1·6	7	11·18	−4·18	5·17	11·16	− 5·99	5·17	11·16	− 5·99	1·39	Diamond Island.
11		1		4	9	5		1	S 3° W	S 28° E	3·3	4·6	−1·3	46	−22	82	− 1	·906	−·017	5·7	−1·2	15	10·10	+4·90	12·50	6·98	+ 5·52	12·50	6·98	+ 5·52	2·90	Toungoo.
1	1	4	3	13	2	2	1	4	S 58° E		4·2*			40		81		·903		5·0		13			10·82			10·82			2·60	Kyaukpyu.
4		4	6	10	3			4	S 71° E	N 81° E	3·7	3·5	+0·2	46	− 4	87	+ 3	·919	−·048	6·1	−0·8	13	11·50	+1·50	15·73	11·62	+ 4·11	15·73	11·62	+ 4·11	2·38	Akyab.
1		1		6	12	9	1	1	S 8° W	S 5° E	6·2*	7·1	−0·9	69	− 6	74	+ 2	·918	+·075?	6·5	+1·4	4	6·90	−2·90	1·28	4·53	− 3·25	1·28	4·53	− 3·25	0·40	Thayetmyo.
1				19	8	2		1	S 27° E	S 38° E	4·5	10·3	−5·8	82	+ 8	70	− 7	·810	−·032	3·7	−0·7	5	6·40	−1·40	3·04	5·00	− 1·96	3·04	5·00	− 1·96	1·52	Minbu.
				15	16				S 22° E	S 28° E	4·6	8·1	−3·5	99	+25	77	0	·816	−·007	3·7	−0·1	7	8·10	−1·10	2·68	6·15	− 3·47	2·68	6·15	− 3·47	1·18	Yamethin.
2		1	1	15	10	2			S 27° E	S 4° E	5·8	7·4	−1·6	79	+18	70	− 1	·792	−·053	3·3	−1·6	10	6·60	+3·40	8·69	5·65	+ 3·04	8·69	5·65	+ 3·04	2·44	Mandalay.
6	1	3	1	12	4			4	S 53° E		4·1			37		78		·883		4·9		6	7·20	−1·20	7·05	5·94	+ 1·11	7·05	5·94	+ 1·11	4·07	Monywa.
10	2	5	2		3	7	2		S 31° W		3·2*			7		86	+ 2	·677	+·007	6·8	0	15			9·40	6·05	+ 3·35	9·40	6·05	+ 3·35	1·80	Lashio.
28	1	1			1				N 45° E	N 53° W	1·7	3·1	−1·4	3	−17	86	+ 6	·798	+·007	5·6	0	12	10·40	+1·60	8·69	5·80	+ 2·89	8·69	5·80	+ 2·89	1·84	Bhamo.
27	2	4							N 23° E		1·4			10		82		·751		5·8		10			11·41	5·42	+ 5·99	11·41	5·42	+ 5·99	3·05	Myitkyina.
																																II.—Eastern Bengal and Assam.
27		3	1						N 56° E		1·5			10		93		·782		7·1		24	15·20	+8·80	17·71	9·22	+ 8·49	17·71	9·22	+ 8·49	2·92	Dibrugarh.
8	5	17		1					N 38° E	N 60° E	3·1	2·9	+0·2	65	+33	89	− 3	·773	−·051	7·1	−1·0	20	15·90	+4·10	15·10	11·77	+ 3·33	15·10	11·77	+ 3·33	2·50	Sibsagar.
8		17	4	1			1		N 35° E		4·0			62		89		·776		8·0		20	14·10	+5·90	12·80	8·25	+ 4·55	12·80	8·25	+ 4·55	1·39	Tezpur.
21	1	4	1	1	2	1			N 84° E		2·4			2		88		·775		7·7		20	14·20	+5·80	10·37	9·45	+ 0·92	10·37	9·45	+ 0·92	1·89	Gauhati.
1		12	15			1		1	N 69° E	N 67° E	11·3	7·1	+4·2	76	+22	89	+ 2	·811	+·010	5·8	−1·2	19	15·70	+3·30	15·44	14·94	+ 0·50	15·44	14·94	+ 0·50	2·31	Dhubri.
21	1	5				1	1	2	N 5° E	N 84° E	2·7	3·2	−0·5	17	+ 4	89	+ 3	·794	−·034	6·1	−1·2	21	16·50	+4·50	21·76	15·22	+ 6·54	21·76	15·22	+ 6·54	3·62	Silchar.
1		3	8	9	9	1			S 49° E		6·8			65		85		·902		3·9		14			17·11			17·11			4·94	Cox's Bazar.
1			3	25	1	1			S 46° E	S 50° E	2·9	6·4	−3·5	92	+27	80	− 2	·850	−·058	4·9	−1·2	14	10·55	+3·45	14·34	9·31	+ 5·03	14·34	9·31	+ 5·03	5·32	Chittagong.
			4	13	12	2			S 28° E		4·3			84		80		·890		4·1		13	10·45	+2·55	16·33	11·66	+ 4·67	16·33	11·66	+ 4·67	3·82	Noakhali.
7			1	1	13	9			S 13° W	S 9° E	3·9	5·0	−1·1	69	+19	80	− 2	·907	−·061	6·7	+0·4	13	9·84	+3·16	17·73	8·89	+ 8·84	17·73	8·89	+ 8·84	4·66	Barisal.
4				23	4				S 39° E		5·0			81		86		·898		2·8		14	11·89	+2·11	20·43	11·30	+ 9·13	20·43	11·30	+ 9·13	3·41	Comilla.
1			2	7	17	4			S 9° E	S 28° E	12·1	6·7	+5·4	82	+28	84	− 1	·910	−·019	5·9	−0·4	20	11·53	+8·47	26·72	8·94	+17·78	26·72	8·94	+17·78	3·16	Narayanganj
1		3		9	18				S 25° E		5·9			68		86		·932		6·2		18	10·72	+7·28	18·25	8·54	+ 9·71	18·25	8·54	+ 9·71	3·66	Faridpur.
2		2	13	6	6	2			S 60° E		6·0*			65		86		·817		7·5		18	10·16	+7·84	12·60	8·11	+ 4·49	12·60	8·11	+ 4·49	2·08	Sirajganj.
6			12	10	2			1	S 65° E	S 81° E	2·9	4·1	−1·2	66	− 2	85	0	·830	−·010	7·6	+1·4	24	13·48	+10·52	23·20	13·03	+10·17	23·20	13·03	+10·17	3·09	Mymensingh
7	1	5	11	4	3				S 86° E	S 72° E	2·9	4·4	−1·5	56	− 4	81	− 1	·788	−·063	7·9	+3·2	10	9·77	+0·23	9·24	8·34	+ 0·90	9·24	8·34	+ 0·90	2·32	Bogra.
16		1		5	6	3			S 10° E		7·1			36		83		·897		7·1		7	7·74	−0·74	3·73	5·69	− 1·96	3·73	5·69	− 1·96	1·08	Rampur Boalia.
	1	5	8	14	2	1			S 69° E		7·7*			71		82		·856		2·7		6	5·58	+0·42	4·07	4·48	− 0·41	4·07	4·48	− 0·41	1·00	Malda.
	2	5	23		1				N 80° E	N 88° E	6·4	4·6	+1·8	89	+17	85	+ 5	·799	−·004	7·0	+1·1	9	8·23	+0·77	9·69	7·49	+ 2·20	9·69	7·49	+ 2·20	4·35	Dinajpur.
2		11	13	3	2				N 80° E		3·7			74		82		·786		7·9		13	11·19	+1·81	11·54	11·28	+ 0·26	11·54	11·28	+ 0·26	2·09	Rangpur.

§ Mean of 29 days.

* Uncorrected for scale error.

stations, the elevations of which exceed 3,200 feet.

Table

(2) *Abstract of observations taken at 8 hrs. at 240 stations*

Number of subdivision.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded, during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	II.—Eastern Bengal and Assam—*concld.*																						
5	Jalpaiguri	283	29·467	—·014	29·709	29·573	5th	29·310	28th	·263	76·8	87·3	—1·0	72·1	—0·2	79·7	—0·6	15·2	92·4	1st	68·4	3rd	26·0
	Cooch Behar	156	29·602		29·716	29·716	5th	29·469	28th	·247	76·0	84·5		72·5		78·6		12·0	90·8	1st	66·6	3rd	24·2
	III.—Bengal.																						
6	Saugor Island	25	29·689	—·020	29·659	29·796	1st	29·545	30th	·251	85·5	91·2	—0·6	80·8	—0·2	86·0	—0·4	10·4	93·5	24th	73·0	25th	20·5
	Midnapore	149	29·545		29·640	29·640	1st	29·407	30th	·233	85·6	101·2		78·3		89·8		22·9	107·3	18th	71·7	25th & 26th	35·6
	Calcutta	21	29·686	—·022	29·654	29·785	1st	29·547	30th	·238	85·0	95·1	+0·6	79·0	+1·6	87·1	+1·1	16·1	98·9	13th	72·5	9th	26·4
	Jessore	33	29·691	—·019	29·671	29·787	5th	29·555	30th	·232	84·0	94·7	—0·1	75·8	—1·0	85·3	—0·5	18·9	97·5	12th, 17th & 18th.	68·7	21st & 30th.	28·8
	Krishnagar	47	29·662		29·658	29·748	5th	29·525	30th	·223	83·0	96·6		76·7		86·7		19·9	102·9	13th	70·0	21st	32·9
	Burdwan	99	29·592	—·027	29·639	29·686	1st	29·465	29th & 30th.	·221	83·4	99·6	+1·2	78·1	+0·3	88·9	+0·7	21·5	106·4	5th	71·3	9th	35·1
	Bankura	313	29·360		29·622	29·454	1st	29·222	30th	·232	84·0	104·5		78·9		91·8		25·6	111·6	5th	73·7	9th	37·9
	Raniganj	334	29·353		29·637	29·449	6th	29·217	29th	·232	83·4	104·4		79·1		91·7		25·3	111·5	5th & 19th	74·0	9th	37·5
	Berhampore	67	29·638	—·024	29·654	29·747	5th	29·511	28th	·236	81·8	98·6	+2·1	76·9	+0·3	87·7	+1·2	21·7	107·1	11th	69·7	21st	37·4
	Naya Dumka	489	29·193	—·027	29·608	29·294	6th	29·064	29th	·230	83·3	101·2	+2·8	77·7	+0·5	89·5	+1·7	23·5	108·9	18th	72·0	1st	36·9
	Balasore	50	29·655	—·010	29·650	29·754	2nd	29·508	30th	·246	85·7	99·3	+1·7	78·4	—0·3	88·8	+0·7	20·9	105·9	18th	70·1	31st	35·8
	False Point	21	29·706	—·010	29·670	29·822	2nd	29·560	30th	·262	85·3	90·2	—0·8	79·9	+0·2	85·0	—0·3	10·3	91·2	5 days	71·6	25th	19·6
	Cuttack	80	29·638	—·008	29·659	29·753	2nd	29·503	30th	·250	85·9	100·7	—0·9	80·3	+0·2	90·5	—0·3	20·4	106·4	12th	73·2	26th	33·2
	Puri	24	29·707		29·670	29·821	2nd	29·550	30th	·271	83·8	89·1		80·2		84·7		8·9	91·1	15th	73·6	25th & 26th.	17·5
	Angul	455	29·249?		29·657?	29·372	2nd	29·110	30th	·262	85·6	104·9		78·9		92·4		26·0	110·6	9t	69·0	24th	41·6
	Sambalpur	486	29·193	—·039	29·616	29·296	2nd	29·060	30th	·236	90·0	108·5	+1·6	83·0	+1·4	95·7	+1·5	25·5	112·6	8th	76·6	1st & 24th	36·0
8	Chaibassa	*733*	28·919	—·048	29·590	29·040	1st	28·762	30th	·278	86·3	108·9	+3·8	79·5	—0·1	94·2	+1·9	29·4	113·1	21	75·8	1st, 17th & 25th.	37·3
	Ranchi	2,128	27·586	—·021	29·572	27·686	1st	27·428	30th	·258	86·4	103·0	+3·4	77·7	+1·7	90·4	+2·5	25·3	106·2	4 days	72·4	24th & 25th.	33·8
	Purulia	*816*	28·852		29·613	28·971	1st	28·707	30th	·264	81·4	105·7		77·8		91·8		27·9	112·5	21st	68·1	23rd	44·4
	Hazaribagh	2,007	27·692	—·026	29·566	27·802	1st	27·535	30th	·267	85·3	103·7	+4·5	78·1‡	+2·4§	91·0§	+3·	25·6	108·6	19th	75·0	25th	33·6
	Daltonganj	*730*	28·930?		29·602?	29·046	2nd	28·784	28th	·262	89·8	110·2		79·6		94·9		30·6	113·6	4 days	72·5	1st	41·1
9	Purnea	134	29·579	—·019	29·668	29·709	5th	29·440	28th	·269	80·1	95·7	+0·9	75·1	+0·9	85·4	+0·9	20·6	104·1	11th	71·2	1st & 3rd	32·9
	Bhagalpur	160	29·520‡		29·612‡	29·649	5th	29·396	30th	·253	83·1	98·7		76·3		87·5		22·4	108·2	10th	68·8	24th	39·4
	Monghyr	155	29·521		29·626	29·660	5th	29·397	18th	·263	83·4	99·0		75·9		87·5		23·1	108·7	10th	67·9	28th	38·8
	Darbhanga	165	29·519	—·031	29·639	29·648	5th	29·386	30th	·262	81·2	96·2	+0·6	76·3	0	86·2	+0·3	19·9	103·1	10th, 11th & 13th.	70·3	1st	32·8
	Pusa	188	29·489		29·631	29·607	5th	29·261	29th	·243	83·1	99·8		75·4		87·6		24·4	107·6	13th	68·5	1st	39·1
	Muzaffarpur	177	29·508		29·640	29·635	5th	29·374	30th	·261	83·3	97·6		75·8		86·7		21·8	104·7	13th	69·5	1st, 2nd & 3rd.	35·2
	Motihari	221	29·779		29·637	29·573	5th	29·331	30th	·242	81·5	96·4		75·7‡		86·0‡		20·7	103·6	13th	68·3	1st	35·3
	Chapra	181	29·476		29·611	29·587	2nd	29·330	30th	·257	82·7	101·1		77·5		89·3		23·6	108·3	11th	70·3	28th	38·0
	Patna	183	29·476	—·039	29·614	29·590	5th	29·342	30th	·248	83·1	98·9	—1·3	77·7	0	88·3	—0·7	21·2	105·0	10th	69·2	28th	35·8
	Arrah	190	29·459		29·600	29·566	6th	29·313	30th	·253	85·6	101·8		77·6		89·7		24·2	107·6	11th & 12th.	67·3	23rd	40·3
	Buxar	239	29·403		29·595	29·517	2nd	29·246	30th	·271	86·1	103·6		79·3		91·6		24·3	108·5	19th & 20th.	71·6	23rd	36·9
	Dehri	351	29·275‡		29·575‡	29·399	2nd	29·143	28th	·256	88·6	108·5		80·6‡		94·6‡		27·9	113·3	21st	74·5	23rd	38·8
	Gaya	372	29·274	—·042	29·594	29·381	6th	29·133	30th	·248	88·6	106·9	+2·0	80·5	+1·0	93·7	+1·5	26·4	111·9	4 days	69·2	23rd	42·7
	IV.—United Provinces of Agra and Oudh.																						
10	Gorakhpur	257	29·403	—·030	29·615	29·513	6th	29·263	30th	·250	84·2	101·1	+0·1	75·8	—1·5	88·5	—0·7	25·3	107·6	4 days	69·3	1st & 10th	38·3
	Benares	267	29·376	—·036	29·590	29·494	2nd	29·222	30th	·272	90·1	108·4	+2·9	80·0	+1·1	94·2	+2·0	28·4	113·6	20th	74·6	12th	39·0
	Allahabad	309	29·322	—·015	29·579	29·454	2nd	9·155	30th	·299	90·8	110·2	+3·2	80·2	+0·7	95·2	+1·9	30·0	115·1	18th, 19th & 20th.	73·5	1st & 10th	41·6

N.B.—Elevations in italics indicate barometrical determinations.

NOTE.—The barometric readings are not reduced to sea-level, in the cases of hill or plateau

‡ Mean of 30 days.
§ " " 24 "

B—*continued.*

in India, etc., in May, 1911—continued.

Wind direction. Number of winds from Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Resultant direction.	Normal direction.	Wind velocity. Mean velocity, miles per hour.	Normal.	Departure from normal.	Wind steadiness. Actual percentage.	Departure from normal.	Hygrometry, 8 hrs. Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs. in inches of mercury.	Departure from normal in inches of mercury.	Cloud. Mean cloud amount at 8 hrs.	Departure from normal.	Rainfall. Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st to 31st May, 1911.	Normal rainfall for period, 1st to 31st May.	Departure from normal of period, 1st to 31st May, 1911.	Heaviest rainfall during month.	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	54	55	56	57
																																II.—Eastern Bengal and Assam—*concld.*
13		5	7	5				1	N 87° E	N 88° E	3·6			43	+11	85	+ 1	·788	−·012	5·7	+1·4	16	12·42	+ 3·58	14·64	11·39	+ 3·25	14·64	11·39	+ 3·25	2·41	Jalpaiguri.
12		8	6	5					N 82° E		3·1			48		89		·795		8·5		18	14·76	+ 3·24	18·38	16·44	+ 1·94	18·38	16·44	+ 1·94	3·00	Cooch Behar.
																																III.—Bengal.
	1			1	20	9			S 12° W	S 5° W	24·5	16·9	+7·6	89	+14	83	+ 2	1·004	−·005	6·7	−0·3	5	6·71	− 1·71	3·38	4·48	− 1·10	3·38	4·48	− 1·10	1·20	Saugor Island.
1			1		29				S 88° E		6·9			94		72		·869		2·4		10	7·05	+ 2·95	4·83	5·05	− 0·22	4·83	5·05	− 0·22	1·17	Midnapore.
			3	3	17	8			S 1° W	S 6° W	9·0*	7·0	+2·0	82	+14	77	− 2	·927	−·017	5·6	+0·6	5	7·46	− 2·46	3·09	5·74	− 2·65	3·09	5·74	− 2·65	1·41	Calcutta.
7				10	13	1			S 17° E	S 16° E	6·2	4·6	+1·6	72	+18	79	− 5	·922	−·050	6·8	+0·9	12	9·74	+ 2·26	7·41	8·05	− 0·64	7·41	8·05	− 0·64	1·52	Jessore.
3	1	1	7	16	3				S 13° E		3·8			74		84		·949		5·4		10	7·74	+ 2·26	14·93	6·60	+ 8·33	14·93	6·60	+ 8·33	5·23	Krishnagar.
3	1	2	1	9	15				S 20° W	S 11° W	5·0	4·7	+0·4	69	+15	81	+ 6	·926	+·043	6·1	+1·1	7	7·32	− 0·32	4·08	6·36	− 2·28	4·08	6·36	− 2·28	0·98	Burdwan.
12	1	1	3	1	11	2			S 31° W		7·0			39		69		·786		1·2		5	6·19	− 1·19	2·52	4·24	− 1·72	2·52	4·24	− 1·72	0·60	Bankura.
15	1	5	7	2	1				S 55° E		3·1			39		79		·900		3·4		5	5·18	− 0·18	1·25	3·95	− 2·70	1·25	3·95	− 2·70	0·30	Raniganj.
4		7	7	12	1				S 32° E	S 37° E	6·5	5·1	+1·4	69	+19	81	− 2	·884	−·020	8·3	+2·7	8	7·74	+ 0·26	3·34	5·24	− 1·90	3·34	5·24	− 1·90	0·95	Berhampore.
15	1	3	8	4					S 45° E		5·2*			43		77		·895		2·6		5	5·21	− 0·21	1·74	3·46	− 1·72	1·74	3·46	− 1·72	0·60	Naya Dumka.
				17	13	1			S 21° W	S 29° W	7·6	8·8	−1·2	92	+17	70	− 9	·852	−·119	4·4	−1·1	6	7·74	− 1·74	2·53	4·75	− 2·22	2·53	4·75	− 2·22	0·68	Balasore.
				10	19	2			S 33° W	S 27° W	15·3	13·7	+1·6	89	+14	81	− 2	·974	−·041	6·8	+0·4	4	4·32	− 0·32	2·37	4·35	− 1·98	2·37	4·35	− 1·98	1·07	False Point.
1			3	8	13	6			S 34° W	S 45° W	6·1*	5·1	+1·0	76	+36	75	+ 3	·938	+·034	5·8	+1·2	5	5·23	− 0·23	2·17	3·99	− 1·82	2·17	3·99	− 1·82	1·03	Cuttack.
				4	27				S 40° W		15·6			97		86		·995		5·8		2	3·39	− 1·39	1·61	2·73	− 1·12	1·61	2·73	− 1·12	0·81	Puri.
4	1	3	2	15	6				S 49° E		8·9			61		76		·939		3·8		7			1·98	1·54	+ 0·44	1·98	1·54	+ 0·44	0·57	Angul.
				7	7	17			S 16° W	S 7° E	3·8	4·3	−0·5	82	+40	53	+ 5	·804	+·081	3·6	+0·1	3	3·00	0	1·15	1·31	− 0·16	1·15	1·31	− 0·16	0·52	Sambalpur.
4				2	4	18	3		S 38° W	S 58° W	4·3	2·8	+1·5	72	+25	63	+ 1	·786	−·103	2·7	+0·2	5	5·65	− 0·65	1·23	3·34	− 2·11	1·23	3·34	− 2·11	0·43	Chaibassa.
	1			1	6	15	5	3	S 51° W	S 43° W	7·7	7·8	−0·1	72	+25	44	− 7	·533	−·072	2·7	+0·5	5	4·68	+ 0·32	1·39	2·29	− 0·90	1·39	2·29	− 0·90	0·56	Ranchi.
8		4	3	9	2	2	2	3	S 54° E		4·1			26		75		·783		1·0		7	5·26	+ 1·74	3·30	2·74	+ 0·56	3·30	2·74	+ 0·56	1·57	Purulia.
4			1		11	10	3	2	S 32° W	S 28° W	8·6	9·2	−0·6	66	+16	40	− 6	·513	−·021	1·6	−1·7	0	3·93	− 3·93	0·06	2·19	− 2·13	0·06	2·19	− 2·13	0·06	Hazaribagh.
22	2	3	1	1				2	N 22° E		5·7			19		38		·530		1·4		1	2·07	− 1·07	0·33	0·51	− 0·18	0·33	0·51	− 0·18	0·33	Daltonganj.
		13	11	6				1	N 76° E	N 82° E	6·0	4·5	+1·5	82	+ 7	78	+ 2	·795	−·018	6·1	+1·7	4	5·34	− 1·34	0·76	4·45	− 3·69	0·76	4·45	− 3·69	0·24	Purnea.
10		16	3	2					N 58° E		5·3			58		72		·804		4·0		3	4·16	− 1·16	1·41	3·26	− 1·85	1·41	3·26	− 1·85	1·97	Bhagalpur.
	1		19	9		1	1		S 76° E		10·9			81		77		·875		3·5		2			1·49			1·49			0·85	Monghyr.
		3	27	1					N 87° E	S 79° E	6·6*	6·2	+0·4	99	+23	76	+ 5	·806	+·014	4·0	+1·7	5	3·93	+ 1·07	2·90	2·86	− 0·86	2·90	2·86	− 0·86	0·66	Darbhanga.
		5	5	5					† E		7·0			39		69		·782		3·4		1			0·33			0·33			0·23	Pusa.
1			14	15	1				S 64° E		9·9			87		73		·814		1·6		2	3·65	− 1·65	0·43	2·54	− 2·11	0·43	2·54	− 2·11	0·28	Muzaffarpur.
3		4	23	1					N 86° E		1·7			87		71		·757		2·3		4	4·25	− 0·25	2·20	2·81	− 0·61	2·20	2·81	− 0·61	0·92	Motihari.
Observations not recorded.																78		·864		2·5		2	2·13	− 0·13	1·96	1·38	+ 0·58	1·96	1·38	+ 0·58	1·62	Chapra.
			29					1	N 89° E	N 87° E	10·8	5·8	+5·0	89	+21	73	+ 8	·830	+·064	1·7	−0·3	2	2·97	− 0·97	1·86	1·66	+ 0·20	1·86	1·66	+ 0·20	1·55	Patna.
1	5	1	19	1			3	1	N 71° E		10·9			58		61		·744		2·2		3	2·45	+ 0·55	2·18	1·37	+ 0·81	2·18	1·37	+ 0·81	1·30	Arrah.
		1	22	3		3	2		S 79° E		6·7			68		56		·684		2·3		0	1·97	− 1·97	0·05	0·67	− 0·62	0·05	0·67	− 0·62	0·05	Buxar.
5		1	10	5	3	4	2	1	S 48° E		6·2			39		45		·584		0·9		0	1·47	− 1·47	0	0·72	− 0·72	0	0·72	− 0·72	0	Dehri.
7	1	10	3	4	1		5		N 61° E	S 78° W	3·9	5·3	−1·4	30	+ 2	62	+ 4	·828	+·050	1·7	−0·9	1	1·94	− 0·94	0·68	1·03	− 0·35	0·68	1·03	− 0·35	0·68	Gaya.
																																IV.—United Provinces of Agra and Oudh
		17	8	2				1	N 59° E	N 76° E	3·2	3·5	−0·3	79	+36	61	− 2	·717	−·017	2·0	+0·4	2	2·40	− 0·40	0·41	1·42	− 1·01	0·41	1·42	− 1·01	0·18	Gorakhpur.
2	1	5	10	5		1	6	1	E	N 72° E	4·5	5·1	−0·6	31	+19	49	− 4	·690	+·016	1·5	−0·2	0	1·00	− 1·00	0	0·51	− 0·51	0	0·51	− 0·51		Benares.
2	2		7	1	2	2	6	3	N 38° E	N 2° E	4·9	6·8	−1·9	17	+ 8	43	+ 1	·608	+·020	1·4	−0·2	0	0·50	− 0·50	0	0·26	− 0·26	0	0·26	− 0·26	0	Allahabad.

stations, the elevations of which exceed 3,000 feet. † Variable wind 18. * Uncorrected for scale error.

Tab

(2) *Abstract of observations taken at 8 hrs. at 240 statio*

Number of subdivision.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	IV.—United Provinces of Agra and Oudh—*concld.*																						
10	Cawnpore	416	29·207	—·028	29·569	29·355	2nd	29·038	30th	·317	90·7	109·7	+3·5	79·6	—1·0	94·7	+1·3	30·1	115·2	20th	70·9	1st	44·3
	Lucknow	368	29·270	—·035	29·590	29·385	1st	29·117	30th	·268	89·7	109·2	+4·2	78·8	+1·0	94·0	+2·6	30·4	114·0	20th	71·1	1st	42·9
	Bahraich	401	29·235	—·036	29·560	29·353	6th	29·086	30th	·267	86·2	103·5	+0·5	77·9	0	90·7	+0·3	25·6	109·6	13th	68·5	10th	41·1
11	Jhansi	824	28·843	—·037	29·582	28·991	2nd	28·694	30th	·300	96·8	111·8	+3·5	84·3	+0·7	98·1	+2·1	27·5	115·5	18th	75·0	1st	40·5
	Agra	556	29·082	—·041	29·582	29·213	1st	28·909	30th	·304	92·6	111·1	+3·9	82·6	+1·1	96·9	+2·5	28·5	115·5	22nd & 23rd.	75·0	1st & 9th	40·5
	Mainpuri	516	29·111	—·032	29·576	29·218	2nd	28·939	30th	·309	88·3	111·2	+3·7	79·1§	—0·8§	95·0§	+1·5	32·1	116·3	21st	69·6	1st	46·7
	Bareilly	568	29·058	—·044	29·576	29·163	2nd	28·913	30th	·250	88·1	106·1	+2·9	77·5	+1·1	91·7	+2·0	28·6	109·3	14th & 20th.	72·0	3rd & 5th	37·3
	Meerut	733	28·915	—·019	29·595	29·032	2nd	28·758	30th	·274	88·5	107·2	+4·2	75·5	—0·4	91·4	+1·9	31·7	112·1	22nd	70·3	10th	41·8
	Roorkee	899	28·746	—·025	29·595	28·856	2nd	28·586	30th	·270	86·9	104·2	+1·4	73·5	—1·1	88·8	+0·1	30·7	108·5	18th	65·4	10th	43·1
	Dehra Dun	2,238	27·451	—·042	29·575	27·557	6th	27·308	30th	·249	80·7	97·9	+2·9	70·8	+0·2	84·3	+1·5	27·1	102·0	18th & 23rd.	63·5	2nd & 3rd	38·5
	V.—Punjab.																						
12	Delhi	718	28·920	—·031	29·583	29·051	2nd	28·755	30th	·296	90·9	107·7	+3·0	83·5	+3·3	95·6	+3·1	24·2	113·0	22nd	78·2	9th	36·8
	Sirsa	662	28·978	—·010	29·590	29·135	2nd	28·764	30th	·371	91·0	108·9	+1·7	77·8	+0·4	93·4	+1·1	31·1	116·3	27th	67·0	8th	49·3
	Patiala	*818*	28·801		29·572	28·956	2nd	28·632	30th	·324	89·1	105·6		76·6		91·1		29·0	111·6	22nd	71·0	2nd	40·6
	Ambala	892	28·729	—·027	29·566	28·874	2nd	28·548	30th	·326	89·1	108·5	+3·3	75·9	—1·0	92·2	+1·1	32·6	113·5	15th, 21st & 22nd.	69·9	9th & 10th.	43·6
	Ludhiana	812	28·816	—·026	29·580	28·966	2nd	28·613	30th	·353	87·5	107·5	+3·1	76·5	+1·1	92·0	+2·1	31·0	114·5	28th & 31st.	70·5	8th	44·0
	Lahore	702	28·917	—·023	29·574	29·089	2nd	28·687	30th	·402	88·2	107·1	+1·4	74·2	+1·6	90·7	+1·5	32·9	116·4	27th	64·2	8th	52·2
	Sialkot	830	28·794	—·025	29·579	28·951	1st	28·556	30th	·395	87·6	103·0	—0·1	71·2	—3·6	87·1	—1·9	31·8	112·0	31st	60·5	9th	51·5
	Rawalpindi	1,674	28·001	—·010	29·601	28·149	1st	27·756	30th	·393	84·5	98·6	+0·5	67·5	—1·1	83·1	—0·3	31·1	111·9	31st	51·4	1st	60·5
13	Khushab	612	29·021	—·017	29·589	29·213	2nd	28·765	30th	·448	91·5	106·5	+1·6	78·2	+0·9	92·3	+1·3	28·3	119·4	31st	66·4	2nd	53·0
	Montgomery	558	29·064	0	29·576	29·248	2nd	28·844	30th	·404	91·6	108·4	+0·1	77·4	—1·0	92·9	—0·5	31·0	116·9	27th	65·5	7th	51·4
	Multan	420	29·222	0	29·598	29·414	2nd	28·979	29th	·435	89·9	107·1	+0·5	79·5	+1·9	93·3	+1·2	27·6	117·3	27th	71·5	9th	45·8
	VI.—North-West Frontier Province.																						
15	Peshawar	1,113	28·580	—·008	29·652	28·770	10th	28·312	30th	·458	84·3	100·4	+1·8	70·3	+0·3	85·3	+1·1	30·1	117·7	31st	56·9	8th	60·8
	D. I. Khan	590	29·064	—·020	29·612	29·254	1st	28·808	29th	·446	88·6	103·9	—0·3	75·2	+0·3	89·5	0	28·7	116·4	30th	64·6	8th	51·8
	VII.—Sind.																						
17	Jacobabad	186	29·450	—·008	29·590	29·582	2nd	29·223	29th	·359	93·6	114·0	+2·4	80·7	+2·5	97·4	+2·5	33·3	121·1	26th, 27th & 29th.	69·8	9th	51·3
	Hyderabad	96	29·581	—·012	29·628	29·670	2nd	29·412	30th	·258	86·9	107·4	+0·5	78·3	—0·1	92·8	+0·2	29·1	116·0	18th	74·5	4th & 13th	41·5
	Karachi	13	29·734	+·009	29·698	29·824	10th	29·586	30th	·238	81·9	87·9	—1·4	78·4	—0·1	83·1	—0·7	9·5	90·0	3rd & 22nd.	76·0	6 days	14·0
	VIII.—Rajputana.																						
18	Bikaner	*771*	28·883	—·008	29·596	28·994	2nd	28·746	30th	·248	92·1	110·7	+3·6	83·3	+0·7	97·0	+2·1	27·4	116·0	27th	75·0	9th	41·0
	Jodhpur	780	28·925	—·015	29·647	29·024	11th	28·818	29th	·206	88·8	108·0	+1·0	81·2	+0·4	94·6	+0·7	26·8	113·5	17th & 18th.	75·3	9th	38·2
19	Jaipur	1,431	28·280	—·012	29·618	28·389	2nd	28·147	30th	·242	91·6	109·8	+3·2	80·3	+2·1	95·1	+2·7	29·5	114·2	22nd & 26th.	72·1	9th & 10th.	42·1
	Sambhar	1,254	28·452	+·004	29·623	28·556	2nd	28·319	30th	·237	91·1	109·7	+4·6	80·7	+0·5	95·2	+2·5	29·0	114·4	18th & 26th.	69·9	11th	44·5
	Ajmer	1,611	28·121	—·006	29·636	28·218	2nd	27·996	29th	·222	88·0	104·7	+0·9	84·3	+5·0P	94·5	+2·9P	20·4	109·4	17th & 18th.	76·2	9th	33·2
	Kotah	819 P	28·857P†	—·027P†	29·603P†	28·959	2nd	28·728	30th	·231	96·1	110·5†	+1·3†	87·4	+1·0	98·9†	+1·1	23·1	115·0	17th & 22nd.	76·6	1st	38·4
	Udaipur	1,925	27·846P	—·019P	29·640P	27·915	5th	27·743	29th	·172	91·4	105·4	+3·0	80·2	+1·4	92·8	+2·2	25·2	109·5	16th & 17th.	74·3	11th & 12th.	35·2

N.B.—Elevations in italics indicate barometrical determinations.

NOTE.—The barometric readings are not reduced to sea-level, in the cases of hill or plateau stations, the elevations of which exceed 3,200 feet.

§ Mean of 24 days.

B—*continued.*

in India, etc., in May, 1911—continued.

Wind direction. Number of winds from Calm. (25)	N. (26)	N.E. (27)	E. (28)	S.E. (29)	S. (30)	S.W. (31)	W. (32)	N.W. (33)	Resultant direction. (34)	Normal direction. (35)	Wind velocity. Mean velocity, miles per hour. (36)	Normal. (37)	Departure from normal. (38)	Wind readiness. Actual percentage. (39)	Departure from normal. (40)	Hygrometry, 8 hrs. Mean humidity at 8 hrs. (41)	Departure from normal. (42)	Mean vapour tension at 8 hrs. in inches of mercury. (43)	Departure from normal in inches of mercury. (44)	Cloud. Mean cloud amount at 8 hrs. (45)	Departure from normal. (46)	Rainfall. Number of rainy days. (47)	Normal number of rainy days. (48)	Departure from normal. (49)	Rainfall of month. (50)	Normal rainfall of month. (51)	Departure from normal. (52)	Total rainfall from 1st to 31st May, 1911. (53)	Normal rainfall for period, 1st to 31st May. (54)	Departure from normal of period, 1st to 31st May, 1911. (55)	Heaviest rainfall during month. (56)	Station. (57)
																																IV.—United Provinces of Agra and Oudh—*concld.*
3	1	1	6	5	3	1	6	5	S	S 56° W	4·0	4·9	−0·9	6	− 9	36	−10	·513	−·119	0·2	−1·0	0	1·00	−1·00	0	0·28	−0·28	0	0·28	−0·28	0	Cawnpore.
11		1	14	2			3		S 87° E	N 72° E	3·6	4·0	−0·4	43	+30	54	+ 8	·760	+·167?	0·1	−1·4	0	1·50	−1·50	0	0·88	−0·88	0	0·88	−0·88	0	Lucknow.
	2	3	4	11	7	2		2	S 46° E	S 72° E	4·7	4·9	−0·2	49	+ 3	56	− 4	·702	−·058	0	−1·4	0	2·50	−2·50	0	1·53	−1·53	0	1·53	−1·53	0	Bahraich.
3	1	1		1		6	11	8	N 83° W	N 70° W	7·0	4·7	+2·3	62	+22	23	− 9	·412	−·071	2·2	+1·2	0	0·70	−0·70	0·07	0·35	−0·28	0·07	0·35	−0·28	0·03	Jhansi.
6	1		1			1	12	10	N 69° W	S 49° W	5·4	6·1	−0·7	63	+27	28	−10	·420	−·116	0·9	−0·1	0	1·50	−1·50	0	0·48	−0·48	0	0·48	−0·48	0	Agra.
6	2	2	4	2	1	3	5	6	N 55° W	N 81° W	3·1	2·8	+0·3	20	+ 5	35	− 6	·481	−·086	0	−1·2	0	1·10	−1·10	0	0·33	−0·33	0	0·33	−0·33	0	Mainpuri.
21			9				1		E	S 73° E	0·8	4·3	−3·5	26	+13	60	+12	·796	+·206?	0·6	−0·9	0	2·27	−2·27	0	0·70	−0·70	0	0·70	−0·70	0	Bareilly.
2	3	3	5	4	1	1	3	9	N 1° W	S 54° W	5·0	2·6	+2·4	22	+ 1	32	− 9	·441	−·073	0·7	−1·3	0	1·50	−1·50	0	0·58	−0·58	0	0·58	−0·58	0	Meerut.
13				15				3	S 45° E	S 45° E	4·5	3·7	+0·8	37	+ 8	42	0	·539	+·057	0·7	−0·9	0	2·10	−2·10	0	0·83	−0·83	0	0·83	−0·83	0	Roorkee.
30		1							N 45° E	N 2° W	2·1*	2·2	−0·1	3	0	42	− 4	·441	−·023	1·2	−1·2	1	3·40	−2·40	0·16	1·48	−1·32	0·16	1·48	−1·32	0·11	Dehra Dun.
																																V.—Punjab.
3	2		1	1		1	12	11	N 66° W	S 73° W	4·6	4·4	+0·2	69	+44	33	− 5	·476	−·014	0·3	−2·1	0	2·20	−2·20	0	0·63	−0·63	0	0·63	−0·63	0	Delhi.
4	5	2	2	1	2	8	2	5	N 77° W	S 39° W	6·5	6·4	+0·3	23	− 2	37	0	·525	+·034	1·2	−1·7	1	1·60	−0·60	0·13	0·61	−0·48	0·13	0·61	−0·48	0·11	Sirsa.
3	3		3	5			5	11	N 41° W†		7·1			30		47		·645		0·8		0			0	0·63	−0·63	0	0·63	−0·63	0	Patiala.
3	6	1	11	1				9	N 27° E	S 89° E	6·3	3·1	+3·2	46	+38	34	−15	·466	−·130	0·8	−0·4	0	1·70	−1·70	0	0·60	−0·60	0	0·60	−0·60	0	Ambala.
24		2		4				1	S 78° E	S 44° E	0·8	2·6	−1·8	10	− 4	35	− 5	·451	−·064	0·7	−1·2	0	1·60	−1·60	0·07	0·60	−0·53	0·07	0·60	−0·53	0·07	Ludhiana.
6	5	3	3			2	3	9	N 25° W	N 72° E	2·6	3·2	−0·6	46	+24	37	− 4	·485	−·016	1·5	−0·3	2	1·50	+0·50	0·58	0·67	−0·09	0·58	0·67	−0·09	0·37	Lahore.
3	15	5	2	2			2	2	N 11° E	N 41° E	2·5	3·1	−0·6	62	+23	39	− 2	·500	−·018	0·7	−0·8	0	2·30	−2·30	0·08	1·09	−1·01	0·08	1·09	−1·01	0·07	Sialkot.
12	4	2		2	2	1	4	4	N 49° W	N 14° E	3·1	3·0	+0·1	23	+ 5	41‡	− 3	·451‡	−·021	1·6	−0·5	0	3·00	−3·00	0	1·42	−1·42	0	1·42	−1·42	0	Rawalpindi.
4	4	8	7	1	2	2	2	1	N 56° E	N 14° E	5·2	7·0	−1·8	37	+19	25	− 7	·356	−·086	2·6	+1·5	1	1·20	−0·20	0·26	0·77	−0·51	0·26	0·77	−0·51	0·26	Khushab.
5	3	4	4	2	2	6	2	3	N 18° W	S 48° E	5·9	7·5	−1·6	3	−11	29	− 7	·417	−·103	0·8	−0·4	1	1·00	0	0·20	0·36	−0·16	0·20	0·36	−0·16	0·16	Montgomery.
20	5	1				3		2	N 29° W	S 12° E	1·1	2·6	−1·5	20	+13	42	− 2	·583	+·007	0·7	+0·1	2	0·80	+1·20	0·34	0·29	+0·05	0·34	0·29	+0·05	0·20	Multan.
																																VI.—North-West Frontier Province.
19	2	1	1		2	2	3	1	W	N 50° W	3·3	4·6	−1·3	11	0	42	0	·474	−·006	1·9	−0·2	2	1·60	+0·40	0·70	0·93	−0·23	0·70	0·93	−0·23	0·42	Peshawar.
14	4	6		1	1		1	4	N 7° E	N 16° E	1·8	2·4	−0·6	30	+ 5	52	+ 3	·686	+·075	1·8	+0·9	0	1·00	−1·00	0·08	0·42	−0·34	0·08	0·42	−0·34	0·08	D. I. Khan.
																																VII.—Sind.
15		6	4	3	2			1	N 85° E	S 53° E	2·5	4·7	−2·2	33	+ 4	43	+ 3	·675	+·092	0·2	−0·7	0	0·30	−0·30	0	0·14	−0·14	0	0·14	−0·14	0	Jacobabad.
1	1				8	19	2		S 37° W	S 45° W	9·9	14·5	−4·6	82	− 8	57	0	·722	+·031	0·5	−0·5	0	0·30	−0·30	0	0·17	−0·17	0	0·17	−0·17	0	Hyderabad.
1						5	25		S 83° W	S 56° W	11·2	16·9	−2·7	96	+42	81	− 3	·877	−·037	2·9	−0·7	0	0	0	0	0·06	−0·06	0	0·06	−0·06	0	Karachi.
																																VIII.—Rajputana.
1		1	5	4	1	10	8	1	S 38° W	S 36° W	9·0	7·9	+1·1	37	−28	38	− 8	·571	−·070	0·9	−0·2	0	1·50	−1·50	0	0·64	−0·64	0	0·64	−0·64	0	Bikaner.
2		1	1		1	22	3	1	S 49° W		5·9			76		36	− 5	·474		1·7		0	1·20	−1·20	0	0·25	−0·25	0	0·25	−0·25	0	Jodhpur.
2	1	4	1	1			7	15	N 44° W	S 88° W	6·6*	6·3	+0·3	62	+12	30	−10	·437	−·099	1·4	−0·1	0	1·50	−1·50	0	0·53	−0·53	0	0·53	−0·53	0	Jaipur.
9	1	2	1				13	5	N 67° W	N 84° W	7·6	10·2	−2·6	49	−16	38	− 3	·545	−·003	0·7	−0·5	0	1·60	−1·60	0·04	0·65	−0·61	0·04	0·65	−0·61	0·04	Sambhar.
2		2				1	1	25	N 44° W	S 79° W	1·1	8·8	−7·7	82	+ 7	38	− 6	·509	−·069	0·8	−0·2	0	1·50	−1·50	0·04	0·55	−0·51	0·04	0·55	−0·51	0·04	Ajmer.
3	7	1				3	7	10	N 51° W		5·6			62		33†	+ 5	·560†		1·5		0	1·20	−1·20	0	0·43	−0·43	0	0·43	−0·43	0	Kotah.
4	3					6	12	6	N 81° W		6·6			66		41	− 2	·593		0·8		0	1·70	−1·70	0	0·79	−0·79	0	0·79	−0·79	0	Udaipur.

* Uncorrected for scale error. ‡ Mean of 26 days. † Mean of 30 days.

Table

(2) Abstract of observations taken at 8 hrs. at 240 station

Number of subdivision.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range, during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	IX.—Bombay.																						
20	Deesa	466	29·300	—·003	29·714	29·392	10th	29·201	30th	·191	86·4	109·5	+2·8	77·3	—0·2	93·4	+1·3	32·2	114·3	17th & 18th.	70·4	10th	43·9
	Bhuj	395	29·372	+·012	29·714	29·463	10th	29·252	30th	·211	85·0	102·9	+1·6	76·3	—0·4	89·6	+0·6	26·6	110·5	17th	72·5	14th	38·0
	Jamnagar	61	29·729		29·735	29·809	11th	29·625	30th	·184	86·8	97·3		75·5		86·3		21·8	103·7	26th	70·6	11th	33·1
	Dwarka	37?	29·772	—·006	29·755	29·859	4th	29·660	30th	·199	82·8	87·8	0	80·9	+0·8	84·4	+0·4	6·9	90·3	28th	78·7	2nd, 4th & 14th.	11·6
	Rajkot	429	29·375	+·016	29·750	29·447	10th	29·264	30th	·183	84·4	105·7	+0·5	75·0	—0·2	90·3	+0·1	30·7	110·1	17th	67·5	9th	42·6
	Veraval	*18*	29·801	—·008	29·762	29·869	5th	29·718	30th	·151	81·9	85·3	—1·4	78·1	—0·3	81·7	—0·9	7·2	88·1	25th	72·8	10th	15·3
	Bhavnagar Para	55	29·758	—·025?	29·757	29·834	5th	29·679	30th	·155	86·8	107·6	+4·7?	79·0	—0·1	93·1	+2·3?	28·6	112·7	17th	73·5	10th	39·2
	Surat	39	29·793	+·006	29·775	29·878	6th	29·723	30th	·155	86·5	97·1	—1·1	78·8	+0·7	88·0	—0·2	18·3	105·6	16th	74·1	10th	31·5
	Ahmedabad	163	29·624	—·013	29·741	29·696	13th	29·524	30th	·172	85·8	109·4	+2·3	78·2	—1·3	93·8	+0·5	31·2	114·1	17th	75·2	10th, 18th & 25th.	38·9
26	Bombay	37	29·818	—·004	29·795	29·934	6th	29·758	19th	·176	83·9	91·2	+0·5	80·8	+0·1	86·0	+0·3	10·4	94·0	30th & 31st.	78·5	1st, 2nd & 10th.	15·5
	Ratnagiri	110	29·747	+·004	29·794	29·834	6th	29·681	22nd	·153	84·4	90·3	—0·8	80·1	+0·5	85·2	—0·1	10·2	92·8	29th	76·4	1st	16·4
	Goa	199									82·8	86·5	—3·5	80·6	+0·1	83·5	—1·7	5·9	90·1	7th	74·1	25th	15·0
	Marmugao	*60*	29·803	—·008	29·797	29·870	7th	29·736	23rd	·134	84·6	90·0	0	79·9	—1·2	85·0	—0·6	10·1	92·5	23rd	71·7	25th	20·8
	Karwar	44	29·829	+·008	29·807	29·902	7th	29·745	23rd	·157	82·8	89·1	—0·7	78·8	—0·9	83·9	—0·8	10·3	91·8	24th	70·0	25th	21·8
27	Malegaon	1,430	28·367	—·013	29·704	28·436	5th	28·299	19th	·137	88·5	107·0	+3·0	76·4	+1·3	91·7	+2·1	30·6	111·4	17th	72·1	10th	39·3
	Ahmednagar	2,154	27·700	+·007	29·716	27·781	5th	27·639	30th	·142	85·7	104·3	+4·9?	74·1	+2·3	89·2	+3·6?	30·2	107·6	7th	67·0	1st	40·6
	Poona	1,846	27·989	—·017	29·747	28·046	5th	27·937	16th	·109	79·9	100·5	+1·3	73·8	+1·9	87·2	+1·6	26·7	105·5	15th	67·8	9th	37·7
	Sholapur	1,590	28·221	—·010	29·715	28·305	6th	28·167	29th	·138	84·7†	105·8†	+1·0†	78·8†	+2·3†	92·3‡	+1·7	27·0	109·3	16th	74·9	31st	34·4
	Bijapur	*1,948*	27·888	—·008	29·731	27·956	6th	27·835	29th	·121	81·3	102·8	+2·5	75·4	+0·7	89·1	+1·6	27·4	106·2	12th	71·2	6th & 18th.	35·0
	Belgaum	2,539	27·333	+·011	29·755	27·410	6th	27·279	23rd & 29th.	·131	75·9	94·4	+1·4	68·3	+0·1	81·3	+0·7	26·1	100·3	10th, 11th & 13th.	63·5	1st	36·8
	X.—Central India.																						
21	Neemuch	1,624	28·127	—·005	29·651	28·206	10th	28·037	30th	·169	88·0	104·6	+0·6	78·6	+1·5	91·6	+1·1	26·0	110·5	17th & 18th.	73·7	4th	36·8
	Indore	1,823	27·951	—·001	29·664	28·034	5th	27·857	30th	·177	87·5	101·4	+1·6	78·1	+2·2	91·3	+1·9	26·3	109·1	17th	74·6	10th	34·5
22	Nowgong	754	28·906	—·032	29·592	29·035	2nd	28·777	30th	·258	92·8	110·5	+3·1	80·1	+0·3	95·3	+1·7	30·4	114·0	18th & 22nd.	72·0	1st	42·0
	Sutna	1,041	28·612	—·037	29·568	28·740	2nd	28·492	30th	·248	94·7	109·6	+4·1	81·4	+2·1	95·5	+3·1	28·2	113·3	18th & 22nd.	71·8	6th	41·5
	XI.—Central Provinces.																						
23	Buldana	2,132	27·681		29·720	27·762	5th	27·605	19th	·157	85·4	103·1		79·5		91·3		23·6	107·7	17th	74·5	19th	33·2
	Akola	930	28·821	—·013	29·674	28·907	5th	28·756	25th & 30th.	·151	90·6	110·5	+2·8	82·3	+1·2	96·4	+2·0	28·2	115·2	17th	78·6	13th	36·6
	Amraoti	1,215	28·521?	—·017?	29·617?	28·607	5th	28·419	30th	·158	91·9	109·9	+2·2	82·8	+2·8	96·3	+2·5	27·1	112·8	25th	77·3	19th	35·5
24	Khandwa	1,044	28·717	—·004	29·688	28·801	5th	28·638	30th	·163	89·3	109·2	+2·7	83·3	+2·4	96·2	+2·5	25·9	114·2	17th	80·6	30th	33·6
	Hoshangabad	1,006	28·721	—·025	29·647	28·798	5th	28·636	30th	·162	91·6	110·2	+2·6	82·4	+2·1	96·3	+2·3	27·8	114·1	18th	74·9	8th	39·2
	Saugor	1,807	27·901	—·031	29·583	27·990	5th	27·778	30th	·212	92·1	107·7	+2·6	81·8	+3·3	94·8	+2·9	25·9	111·6	23rd	77·1	10th	34·5
	Jubbulpor	1,327	28·359	—·036	29·587	28·442	6th	28·241	30th	·201	91·4	108·5	+2·9	79·4	+0·5	94·0	+1·7	29·1	112·3	23rd	71·3	1st	41·0
	Seoni	2,033	27·708	—·023	29·590	27·803	6th	27·608	30th	·195	93·5	107·0	+3·1	67·6?	—9·5?	87·3	—3·2?	39·4	110·1	25th	62·0	10th	48·1
	Nagpur	1,017	28·688	—·023	29·616	28·775	6th	28·598	30th	·177	94·6	111·9	+2·6	84·7	+2·8	98·3	+2·7	27·2	114·6	25th	79·3	21st	35·3
25	Pendra	2,122?	27·690		29·551	27·775	2nd	27·544	30th	·231	92·0	105·8		80·6		93·2		25·2	108·3	27th	74·2	1st	34·1
	Raipur	970	28·718	—·029	29·603	28·834	2nd	28·594	28th	·240	92·7	110·1	+2·7	85·4	+3·4	97·7	+3·1	24·7	113·7	29th	78·6	17th	35·1
	Chanda	*634*	29·070	—·031	29·630	29·157	6th	28·990	30th	·167	93·7	111·7	+2·2	84·8	+3·8	98·3	+3·0	26·9	114·5	25th	79·0	1st & 7th	35·5
	Jaydalpur	1,813	27·942		29·883	28·044	6th	27·820	28th	·224	85·7	100·8		77·5		89·2		23·3	114·2	29th	66·1	2nd	48·1

N.B.—Elevations in italics indicate barometrical determinations.

† Mean of 30 days.
‡ „ „ 29 „

NOTE.—The barometric readings are not reduced to sea-level, in the

B—*continued.*

***in India, etc., in May, 1911*—continued.**

Wind direction. Number of winds from: Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Resultant direction.	Normal direction.	Wind velocity. Mean velocity, miles per hour.	Normal.	Departure from normal.	Wind steadiness. Actual percentage.	Departure from normal.	Hygrometry, 8 hrs. Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs., in inches of mercury.	Departure from normal, in inches of mercury.	Cloud. Mean cloud amount at 8 hrs.	Departure from normal.	Rainfall. Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st to 31st May, 1911.	Normal rainfall for period, 1st to 31st May.	Departure from normal of period, 1st to 31st May, 1911.	Heaviest rainfall during month.	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	54	55	56	57
																																IX.—Bombay.
																57	− 1	·705	+ ·006	1·5	−0·9	0	0·55	−0·55	0	0·19	−0·19	0	0·19	−0·19	0	Deesa.
	2				1	8	13	7	N 89° W	S 77° W	14·5	17·4	−2·9	76	− 7	71	+ 8	·842	+ ·072	2·2	+0·9	0	0·30	−0·30	0	0·07	−0·07	0	0·07	−0·07	0	Bhuj.
						6	24	1	S 83° W		18·9			91		68		·872		0·7		0			0	0·02	−0·02	0	0·02	−0·02	0	Jamnagar.
					1	15	14	1	S 67° W		12·3			89		81		·916		2·8		0			0	0·01	−0·01	0	0·01	−0·01	0	Dwarka.
						14	13	4	S 75° W	N 89° W	15·5	14·4	+1·1	89	+ 7	65	− 6	·769	−·056	1·4	−0·2	1	0·60	+0·40	0·25	0·17	+0·08	0·25	0·17	+0·08	0·25	Rajkot.
3	1					4	18	5	N 86° W	N 89° W	9·4	9·4	0	79	+ 3	86	+ 5	·910	+·034	3·5	−0·5	0	0·10	−0·10	0	0·05	−0·05	0	0·05	−0·05	0	Veraval.
	1				1	15	7	7	S 75° W	S 62° W	5·0	14·1	−9·1	78	− 3	68	+ 2	·868	+·030	2·5	−1·2	0	0·40	−0·40	0	0·15	−0·15	0	0·15	−0·15	0	Bhavnagar Para.
2	4		1		9	9	6		S 45° W	S 54° W	8·6	11·1	−2·5	49	−19	66	− 2	·838	−·009	2·9	−0·5	0	0·30	−0·30	0	0·10	−0·10	0	0·10	−0·10	0	Surat.
2				4	5	5	6	9	S 69° W	S 81° W	6·1	7·0	−0·9	46	−17	66	+ 7	·825	+·071	2·1	−0·6	0	0·50	−0·50	0	0·08	−0·08	0	0·08	−0·08	0	Ahmedabad.
	3	1		1	4	6	11	5	S 84° W	N 81° W	8·1*	10·1	−2·0	56	+ 9	77	+ 4	·896	+·017	5·1	+1·0	0	0·70	−0·70	0·04	0·71	−0·67	0·04	0·71	−0·67	0·03	Bombay.
6	4		1	1	2	4	6	7	N 74° W	N 48° W	9·4	9·7	−0·3	40	−17	74	+ 5	·864	+·025	4·2	+0·7	0	1·50	−1·50	0·07	1·17	−1·10	0·07	1·17	−1·10	0·05	Ratnagiri.
2	3	7	7	1	1		4	6	N 23° E	N 38° W	8·0†	7·9	+0·1	37	−19	79	+ 6	·871	+·002	8·0	+4·0	5			6·28	2·09	+4·19	6·28	2·09	+4·19	3·67	Goa.
3	2	4	1	1	2		8	10	N 49° W	N 28° W	8·0*	10·9	−2·9	46	−16	78	+ 2	·917	+·007	6·7	+2·1	1			2·68	1·78	+0·90	2·68	1·78	+0·90	2·35	Marmugao.
13	9	3			3	2		1	N	N 20° W	4·9	5·7	−0·8	24	−39	83	+ 6	·942	+·093	5·5	+1·6	4	3·60	+0·40	2·65	2·68	−0·03	2·65	2·68	−0·03	2·00	Karwar.
2	1	1				4	14	9	N 77° W	N 79° W	11·8	13·3	−1·5	72	− 8	41	−17	·546	−·192?	0·3	−1·8	0	1·20	−1·20	0	0·86	−0·86	0	0·86	−0·86	0	Malegaon.
1		1				4	4	21	N 59° W	N 34° W	11·2	14·9	−3·7	79	+11	36	−24	·427	−·252?	1·4	−0·7	0	1·80	−1·80	0·04	0·69	−0·65	0·04	0·69	−0·65	0·04	Ahmednagar.
1						1	28	1	W	N 80° W	13·9	15·3	−1·4	95	+12	53	− 1	·533	−·015	1·9	−0·7	0	2·10	−2·10	0	1·18	−1·18	0	1·18	−1·18	0	Poona.
	1					3	6	21	N 5° W	N 55° W	10·0	11·3	−1·3	89	+13	46†	+ 1	·536†	+·008	4·8	+1·7	1	2·00	−1·00	0·28	0·94	−0·66	0·28	0·94	−0·66	0·21	Sholapur.
		1			2	12	12	4	S 73° W	N 81° W	12·0	8·3	+3·7	79	+ 2	60	− 4	·632	−·050	4·2	+1·0	3	3·30	−0·30	1·24	1·09	+0·15	1·24	1·09	+0·15	0·60	Bijapur.
1		1	2	1	2	9	15		S 65° W	N 67° W	12·7	17·6	−4·9	66	+12	71	+ 2	·639	+·022	4·5	+0·8	7	4·70	+2·30	3·38	2·45	+0·93	3·38	2·45	+0·93	1·22	Belgaum.
																																X.—Central India.
	3	4	1			3	12	8	N 60° W	S 84° W	11·3	12·0	−0·7	59	−10	39	−11	·505	−·133	1·8	+0·9	0	1·00	−1·00	0	0·38	−0·38	0	0·38	−0·38	0	Neemuch.
	4						14	13	N 61° W	N 71° W	8·8	6·3	+2·5	86	+11	50	0	·647	+·027	1·2	+0·1	0	1·20	−1·20	0	0·47	−0·47	0	0·47	−0·47	0	Indore.
2	1				2	4	21	1	S 83° W	N 82° W	3·9	3·7	+0·2	82	+28	30	− 4	·464	−·026	2·1	+0·7	1	0·90	+0·10	0·19	0·29	−0·10	0·19	0·29	−0·10	0·19	Nowgong.
1	1						16	13	N 68° W	N 73° W	4·9	8·1	−3·2	89	+45	22	− 7	·362	−·066	2·8	+1·8	0	1·10	−1·10	0·05	0·37	−0·32	0·05	0·37	−0·32	0·05	Sutna.
																																XI.—Central Provinces.
							17	14	N 70° W		10·7	12·2	−1·5	90		41		·491		3·2		1			0·15	0·52	−0·37	0·15	0·52	−0·37	0·15	Buldana.
					1	20	10		N 77° W	N 68° W	10·3	9·6	+0·7	96	+10	35	− 3	·492	−·027	2·8	+0·9	0	0·80	−0·80	0	0·37	−0·37	0	0·37	−0·37	0	Akola.
16	2					6	7		N 57° W	N 77° W	3·7	6·9	−3·2	43	−25	34	− 5	·508	−·034	1·2	−0·9	2	1·50	+0·50	0·54	0·54	0	0·54	0·54	0	0·34	Amraoti.
	9				1	12	9		N 53° W	N 70° W	11·9	10·3	+1·6	79	− 7	36	− 7	·492	−·057	1·7	+0·6	0	0·80	−0·80	0	0·33	−0·33	0	0·33	−0·33	0	Khandwa.
13	1					7	6	4	S 86° W	S 66° W	4·5	4·1	+0·4	46	−16	31	−10	·462	−·091	2·0	+0·7	0	1·00	−1·00	0·06	0·53	−0·47	0·06	0·53	−0·47	0·04	Hoshangabad
	1	1	2		2	3	18	4	N 89° W	S 86° W	7·2	5·3	+1·9	65	+15	21	−15	·305	−·181	2·2	+1·0	0	1·00	−1·00	0	0·46	−0·46	0	0·46	−0·46	0	Saugor.
3		1	1	2	3	4	9	8	S 86° W	S 78° W	2·9	4·3	−1·4	46	− 8	23	− 9	·359	−·105	1·2	−0·2	1	1·30	−0·30	0·30	0·49	−0·19	0·30	0·49	−0·19	0·30	Jubbulpore.
2	10	3	1		1	3	2	9	N 25° W	N 39° W	5·3	4·7	+0·6	56	+18	22	−11	·343	−·118	1·6	−0·2	0	1·90	−1·90	0	0·69	−0·69	0	0·69	−0·69	0	Seoni.
																23	−11	·377	−·137	2·8	+0·1	1	1·40	−0·40	0·13	0·75	−0·62	0·13	0·75	−0·62	0·13	Nagpur.
3	4	1	1	1	7	6	3	5	S 66° W		6·6			30		22		·327		2·8		1			0·30	0·91	−0·61	0·30	0·91	−0·61	0·20	Pendra.
	2			1	1	20	4	3	S 59° W	S 76° W	7·2	8·0	−0·8	72	+29	30	− 5	·447	−·065	3·8	+0·7	1	2·30	−1·30	0·49	0·92	−0·43	0·49	0·92	−0·43	0·25	Raipur.
4	1			4	2	7	10	3	S 65° W	S 84° W	6·4	4·8	+1·6	49	+26	33	− 3	·516	−·022	2·6	+0·3	2	1·70	+0·30	0·34	0·65	−0·31	0·34	0·65	−0·31	0·15	Chanda.
1				5	7	15	3		S 25° W					76		59		·719		3·3		7			2·73			2·73			0·77	Jagdalpur.

...ses of hill or plateau stations, the elevations of which exceed 3,000 feet.

* Uncorrected for scale error.

Tab

(2) *Abstract of observations taken at 8 hrs. at 240 station*

Number of subdivision.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	XII.—Hyderabad.																						
28	Aurangabad	1,905	27·925	—·029?	29·711	28·005	5th	27·867	19th	·138	86·5	104·6	+0·2	77·7	+2·5	91·1	+1·3	26·9	110·7	9th	71·2	9th	39·5
	Nizamabad	1,248	28·507		29·656	28·591	6th	28·448	30th	·143	91·2	109·7	+3·8	84·9	+3·8	97·3	+3·8	24·8	112·4	25th	78·2	1st	34·2
	Bidar	*2,165*	27·634		29·696	27·728	6th	27·580	29th	·148	87·0	105·1		81·0		93·0		24·1	106·6	17th	76·5	19th	30·1
29	Gulbarga	1,503	28·300	—·020	29·704	28·375	6th	28·247	29th	·128	86·6	107·0	+2·2	80·2	+1·7	93·6	+1·9	26·8	110·0	10th	76·3	19th	33·7
	Raichur	*1,311*	28·501	—·002	29·723	28·578	6th	28·450	29th	·128	86·5	105·4	+2·0	80·4	+0·9	92·9	+1·5	25·0	108·5	1st	75·6	31st	32·9
	Hyderabad (Deccan).	1,690	28·092	—·018	29·668	28·188	6th	28·030	29th	·158	87·7	106·2	+2·4	81·9	+3·3	94·0	+2·9	24·3	109·3	5th & 12th.	74·2	5th	35·1
	Hanumkonda	877	28·867	—·034	29·663	28·965	6th	28·765	28th	·200	90·4	107·8	+3·2	84·1	+2·1	96·0	+2·7	23·7	111·0	10th & 26th.	77·2	17th	33·8
	XIII.—Mysore.																						
30	Chitaldrug	2,405	27·473	—·003	29·762	27·537	6th	27·395	19th	·142	76·6	91·2	+0·5	70·7	—0·3	82·5	+0·1	23·5	100·1	6th	64·4	6th & 16th,	35·7
	Hassan	3,149	26·785?	+·002?	29·831?	26·861	6th	26·705	19th	·156	74·0	88·7	+1·0	67·2	+0·6	77·9	+0·8	21·5	94·7	5th & 6th.	61·8	7th	32·9
	Bangalore	3,021	26·895	—·001	29·755	26·977	6th	26·830	19th	·147	75·3	91·9	+0·6	68·3	—0·8	80·1	—0·1	23·6	96·3	1st, 10th & 13th.	63·3	22nd	33·0
	Mysore	2,918	27·385	—·010	29·783	27·461	6th	27·313	19th	·148	75·4	90·4	—1·7	68·9	—0·7	79·7	—1·2	21·5	95·5	2nd	65·0	20th & 23rd.	30·5
	XIV.—Madras.																						
31	Mangalore	65	29·796	—·020	29·792	29·864	2nd	29·706	23rd	·158	83·4	91·3	+0·3	74·0	—3·4	82·7	—1·5	17·3	93·3	23rd	65·8	6th	27·5
	Calicut	27	29·842	—·012	29·798	29·913	6th	29·770	23rd	·143	82·0	89·0	—1·4	77·7	—0·2	83·4	—0·8	11·3	91·8	4 days	73·6	16th, 23rd & 28th.	18·2
	Cochin	9	29·877	+·002	29·813	29·952	6th	29·815	23rd	·137	82·2	89·2	—0·4	77·1	—0·5	83·1	—0·5	12·1	90·7	8 days	71·7	28th	19·0
	Trivandrum	198	29·681	—·006	29·809	29·762	6th	29·627	22nd	·135	82·4	88·9	+2·6	79·0	+2·7	84·0	+2·7	9·9	90·5	13th, 24th & 25th.	74·0	21st	16·5
32	Tinnevelly	168	29·668	—·014	29·763	29·761	6th	29·595	29th	·166	89·0	102·9	+2·5	81·7	+1·0	92·3	+1·7	21·2	105·2	6 days	78·9	15th	26·3
	Pamban	37	29·790	—·015	29·754	29·881	6th	29·719	29th	·162	84·4	90·8	—0·4	79·4	—2·0	85·1	—1·2	11·4	92·7	27th	78·0	22nd & 31st,	14·7
	Madura	447	29·391	+·007	29·763	29·483	6th	29·320	27th	·163	86·4	101·6	+1·7	79·8	+2·3	90·8	+2·0	22·0	104·0	10th & 14th.	71·1	23rd	32·9
	Pudukkottai	318	29·504		29·752	29·604	6th	29·427	28th	·177	85·2	101·6		78·1		89·9		23·5	105·5	28th	69·0	28th	36·5
	Negapatam	31	29·777	—·017	29·737	29·885	6th	29·698	28th	·187	86·3	98·5	+1·2	80·9	+0·7	89·7	+0·9	17·6	106·0	28th	72·5	22nd	33·5
	Trichinopoly	255	29·571	—·007	29·756	29·672	6th	29·395	30th	·177	86·9	102·2	+0·4	79·6	+0·9	90·9	+0·7	22·6	106·6	14th	71·3	28th	35·3
	Coimbatore	1,341	28·498	—·015	29·758	28·598	6th	28·427	29th	·171	80·4	95·6	+0·6	73·4	0	84·5	+0·3	22·2	100·9	10th	64·8	18th	36·1
	Salem	940	28·928	—·001	29·791	29·025	6th	28·860	29th	·165	83·1	100·9	+1·7	76·9	+1·0	88·9	+1·3	24·0	104·5	11th & 12th.	68·8	28th	35·7
	Cuddalore	37	29·770	0	29·737	29·875	6th	29·672	28th	·203	87·4	98·0	—0·8	81·0	+0·9	89·5	+0·1	17·0	106·8	28th	74·7	16th	32·1
	Vellore	707	29·084		29·724	29·184	6th	29·002	27th	·182	85·8	103·4		78·6		91·0		24·8	107·7	14th	70·0	16th	37·7
	Madras	22	29·772	—·012	29·725	29·874	5th	29·652	28th	·222	83·0	93·0	—0·5	82·1	+1·0	90·0	+0·3	15·9	105·5	26th	78·0	30th	27·5
33	Cuddapah	433	29·363	—·015	29·724	29·451	6th	29·311	29th	·140	90·0	107·0	+0·7	82·7	—0·8	94·8	—0·1	24·3	112·2	11th	68·1	26th	44·1
	Bellary	1,475	28·331	—·020	29·714	28·397	6th	28·270	19th & 22nd.	·127	84·2	103·9	+1·5	78·2	+0·7	91·0	+1·1	25·7	109·0	13th	69·3	19th	39·7
	Kurnool	923	29·875	—·013	29·720	29·972	6th	29·828	29th	·144	87·1	106·5	+1·7	82·2	+1·2	94·4	+1·5	24·3	110·2	11th & 13th.	75·6	31st	34·6
34	Nellore	66	29·689	—·019	29·689	29·797	2nd	29·584	28th	·213	88·5	105·0	—1·0	81·5	—0·5	93·2	—0·7	23·5	108·6	26th & 28th.	79·6	4 days	29·0
	Masulipatam	15	29·746	—·010	29·696	29·875	6th	29·604	28th	·271	88·7	99·0	—1·1	81·8	+0·2	90·4	—0·5	17·2	111·3	29th	71·7	21st	39·6
	Cocanada	26	29·744	—·005	29·707	29·862	5th & 6th,	29·595	31st	·267	86·2	99·1	—1·6	81·5	—1·3	90·3	—1·5	17·6	108·2	31st	72·6	21st	35·6
	Waltair (Vizagapatam).	*226*	29·532	—·005	29·697	29·639	2nd	29·402	31st	·237	86·0	91·7		80·8		86·3		10·9	102·6	30th	74·4	26th	28·2
	Calingapatam	19	29·731		29·690	29·836	2nd & 6th,	29·586	30th	·250	85·9	95·0		81·6		88·3		13·4	99·3	31st	75·5	21st	23·8
	Gopalpur	72	29·671	—·018	29·668	29·759	2nd	29·542	30th	·217	83·4	89·6	—0·2	80·4	+0·1	85·0	—0·1	9·2	92·2	30th & 31st.	75·5	11th	16·7

N.B.—Elevations in italics indicate barometrical determinations.

NOTE.—The barometric readings are not reduced to sea-level, in the cases of hill or plateau

B—*continued.*

in India, etc., in May, 1911—continued.

Wind direction. Number of winds from: Calm. (25)	N. (26)	N. E. (27)	E. (28)	S. E. (29)	S. (30)	S. W. (31)	W. (32)	N. W. (33)	Resultant direction. (34)	Normal direction. (35)	Wind velocity. Mean velocity, miles per hour. (36)	Normal. (37)	Departure from normal. (38)	Wind steadiness. Actual percentage. (39)	Departure from normal. (40)	Hygrometry, 8 hrs. Mean humidity at 8 hrs. (41)	Departure from normal. (42)	Mean vapour tension at 8 hrs. in inches of mercury. (43)	Departure from normal in inches of mercury. (44)	Cloud. Mean cloud amount at 8 hrs. (45)	Departure from normal. (46)	Rainfall. Number of rainy days. (47)	Normal number of rainy days. (48)	Departure from normal. (49)	Rainfall of month. (50)	Normal rainfall of month. (51)	Departure from normal. (52)	Total rainfall from 1st to 31st May, 1911. (53)	Normal rainfall for period, 1st to 31st May. (54)	Departure from normal of period, 1st to 31st May, 1911. (55)	Heaviest rainfall during month. (56)	Station. (57)
																																XII.—Hyderabad.
	4	1				5	14	7	N 75° W		14·6			76		40	0	·487		3·8		0	1·60	—1·60	0	0·65	— 0·65	0	0·65	— 0·65	0	Aurangabad.
2	1			2	1	8	12	5	S 79° W		6·0			66		35	—16	·498		3·5		0	1·20	—1·20	0	0·31	— 0·31	0	0·31	— 0·31	0	Nizamabad.
	6				1	5	7	12	N 62° W		9·0			68		43*		·546*		5·6		1	2·50	—1·50	0·17	0·80	— 0·63	0·17	0·80	— 0·63	0·12	Bidar.
	4	2				3	11	11	N 60° W	N 44° W	12·1	12·5	—0·4	69	+ 8	52	— 3	·664	+ ·017	1·5	—1·9	2	2·50	—0·50	0·33	1·01	— 0·68	0·33	1·01	— 0·68	0·12	Gulbarga.
	3					8	10	10	N 79° W	N 83° W	11·0	11·5	—0·5	76	+ 7	54	0	·684	+ ·042	4·0	+0·7	2	1·80	+0·20	0·71	0·64	+ 0·07	0·71	0·64	+ 0·07	0·46	Raichur.
				1			17	1	W	S 82° W	4·5	6·4	—1·9	55	— 5	45	— 5	·579	—·039	3·5	+0·6	2			0·93	0·79	+ 0·14	0·93	0·79	+ 0·14	0·60	Hyderabad (Deccan).
12																																
1	1		1	9	9	3	4	3	S 4° W		9·6			46		46	— 4	·636		3·3		0	1·00	—1·00	0·05	0·52	— 0·47	0·05	0·52	— 0·47	0·05	Hanumkonda.
																																XIII.—Mysore.
						9	18	3	S 81° W	S 81° W	7·4	9·0	—1·6	86	+ 3	73	+ 3	·669	+·005	5·6	+0·1	5	4·60	+0·40	2·79	3·05	— 0·26	2·79	3·05	—0·26	1·05	Chitaldrug.
1					1	9	15	4	S 83° W	N 80° W	8·4	4·0	+4·4	78	0	79	+ 4	·660	+·021	5·0	—0·7	9	7·80	+1·20	4·55	5·24	— 0·69	4·55	5·24	— 0·69	1·50	Hassan.
1	1					10	18	3	S 80° W	S 75° W	7·3*	6·3	+1·0	89	+ 6	74	— 2	·647	—·021	3·8	—0·9	10	6·50	+3·50	3·71	4·34	— 0·63	3·71	4·34	— 0·63	0·70	Bangalore.
2					1	11	15	2	S 73° W	S 74° W	4·5	10·2	—5·7	82	+ 6	81	+ 7	·711	+·044	5·7	+0·7	14	8·30	+5·70	11·23	5·06	+ 6·17	11·23	5·06	+ 6·17	1·80	Mysore.
																																XIV.—Madras.
7	2	3	4	2	4		4	5	N	N 18° E	† 5·0	3·8	+1·2	7	—18	75	— 3	·868	—·008	5·6	—0·8	9	6·90	+2·10	2·19	6·26	— 4·07	2·19	6·26	— 4·07	0·54	Mangalore.
13		1	1	2		3	2	9	N 64° W	N 15° W	6·7	11·2	—4·5	23	—17	83	+ 4	·903	+·033	6·3	+0·9	10	9·00	+1·00	10·47	7·79	+ 2·68	10·47	7·79	+ 2·63	2·95	Calicut.
7	2	16	4	1				1	N 49° E	N 29° E	† 7·0	6·2	+0·8	62	+15	78	— 4	·851	—·043	6·8	+1·1	13	12·90	+0·10	17·23	11·39	+ 5·84	17·23	11·39	+ 5·84	3·35	Cochin.
6	5							19	N 38° W	N 16° W	† 6·7	7·1	—0·4	72	+ 4	77	— 4	·852	—·019	6·8	+0·6	7	10·20	—3·20	2·59	8·67	— 6·08	2·59	8·67	— 6·08	1·10	Trivandrum.
6		1		2	2	3	8	6	S 79° W	N 75° W	6·0	5·6	+0·4	46	— 2	52	— 9	·708	—·086	3·5	—1·4	1	3·30	—2·30	0·58	1·51	— 0·93	0·58	1·51	— 0·93	0·58	Tinnevelly.
	1				6	20	3	1	S 44° W	S 22° W	11·6	11·7	—0·1	82	+ 9	77	— 2	·897		3·4		0	1·20	—1·20	0·03	0·80	— 0·77	0·03	0·80	—0·77	0·03	Pamban.
	4	3	2		1	3	9	9	N 55° W	N 38° W	6·6	6·2	+0·4	53	— 4	68	+ 2	·842	+·028	5·8	+1·8	2	4·20	—2·20	2·50	2·87	— 0·37	2·50	2·87	— 0·37	1·64	Madura.
7				1	6	7	2	8	S 63° W		9·3			42		77		·931		4·6		5			4·70	2·26	+ 2·44	4·70	2·26	+ 2·44	1·75	Pudukkottai.
3					2	19	6	1	S 51° W	S 46° W	8·2	7·9	+0·3	82	+10	70	+ 2	·866	—·009	4·8	+0·7	2	2·10	—0·10	1·15	1·81	— 0·66	1·15	1·81	— 0·66	0·93	Negapatam.
3				1		7	20		S 77° W	S 76° W	† 5·0	6·1	—1·1	82	+ 7	59	— 5	·757	—·024	3·3	—1·1	3	3·50	—0·50	2·17	3·24	— 1·07	2·17	3·24	— 1·07	0·90	Trichinopoly.
10		1			4	15	1		S 38° W	S 22° W	7·2	4·5	+2·7	59	— 9	88	+ 8	·921	+·104	3·6	—0·7	5	4·70	+0·30	2·20	2·47	— 0·27	2·20	2·47	— 0·27	0·81	Coimbatore
2					4	12	12	1	S 61° W	S 48° W	4·6	4·1	+0·5	79	+29	72	+ 1	·818	+·006	5·0	+0·8	7	7·10	—0·10	4·91	4·90	+ 0·01	4·91	4·90	+ 0·01	1·80	Salem.
2				6	15	4	4		S 7° W	S 47° W	10·8	2·9	+7·9	72	+ 4	65	— 8	·849	—·095?	3·5	—0·7	1	1·20	—0·20	0·14	0·74	— 0·60	0·14	0·74	— 0·60	0·14	Cuddalore.
15		6		6				2	N 72° E		7·0			29		65		·805		2·7		2	4·40	—2·40	1·54	2·76	— 1·22	1·54	2·76	— 1·22	0·93	Vellore.
	2				23	1	4	1	S 14° W	S 41° W	† 9·5	9·1	+0·4	72	0	64	0	·851	—·013	2·1	—2·0	0	2·30	—2·30	0·01	1·08	— 1·07	0·01	1·08	— 1·07	0·01	Madras.
	1	4		2		1	11	12	N 58° W	N 89° W				62	+ 1	53	0	·733	—·006	4·3	+0·7	3	2·50	+0·50	4·12	1·58	+2·54	4·12	1·58	+ 2·54	2·43	Cuddapah.
5	2	1				5	12	6	N 80° W	N 74° W	7·2	8·5	—1·3	62	— 3	49	— 4	·568	—·058	4·7	0	3	3·20	—0·20	1·45	2·04	— 0·59	1·45	2·04	— 0·59	1·03	Bellary.
	3				1	12	4	11	N 86° W	N 84° W	† 10·8			66	+30	58	+ 6	·735	+·064	3·0	—0·4	2	2·90	—0·90	0·52	0·95	— 0·43	0·52	0·95	— 0·43	0·16	Kurnool.
	2			9	9	4	2	5	S 9° W	S 69° W	† 8·5	8·8	—0·3	43	+11	66	+ 3	·876	—·006	5·7	+1·5	2	1·60	+0·40	0·32	0·69	— 0·37	0·32	0·69	— 0·37	0·17	Nellore.
1				4	15	8	3		S 14° W	S 38° W	10·7	8·9	+1·8	79	+38	73	— 3	·976	—·069	3·5	—1·7	1	1·90	—0·90	2·90	1·14	+ 1·76	2·90	1·14	+ 1·76	2·90	Masulipatam.
7			1		1	15	6	1	S 57° W	S 56° W	8·0	8·1	—0·1	62	+ 8	78	+ 8	·989	+·068?	5·8	+0·8	2	2·80	—0·80	1·44	1·16	+ 0·28	1·44	1·16	+ 0·28	1·24	Cocanada.
			1	1	2	28	1		S 40° W	S 72° W	14·2			86	+ 3	69	— 6	·863	—·068	6·7	+0·8	2	3·40	—1·40	0·37	2·31	— 1·94	0·37	2·31	—1·94	0·25	Waltair. (Visagapatam)
					7	22	2		S 38° W		11·9			94		82		1·007		4·5		1			0·22			0·22			0·18	Calingapatam.
3				1	14	13			S 19° W	S 30° W	21·7	17·5	+4·2	86	+18	84	0	·957	—·029	3·6	—1·3	0	3·30	—3·30	0·14	1·94	—1·80	0·14	1·94	—1·80	0·07	Gopalpur.

stations, the elevations of which exceed 3,200 feet.

† Uncorrected for scale error.

* Mean of 30 days.

Table

(2) *Abstract of observations taken at 8 hrs. at 240 stations*

Number of subdivision.	Station.	Elevation of barometer above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	Bay Islands.																						
1	P. V. Fraser	8	29·758§		29·685§	29·860	1st	29·610	28th	·220	81·1												
	Port Blair	58	29·803	+·007	29·791	29·892	6th	29·687	31st	·205	81·2	87·4	−1·6	77·5	−0·9	82·5	−1·3	9·9	91·2	8th	73·0	13th	18·2
	Slipper Island	90	29·742		29·766	29·830	5th	29·605	30th	·225	83·6	89·2		80·1		84·7		9·1	91·6	8th	75·1	13th & 31st	16·5
	Kashmir.																						
14	Muzaffarabad	2,475	27·368		29·805	27·503	8th	27·129	30th	·374	75·3	95·2		64·5		79·8		30·7	112·1	31st	51·9	1st	60·2
	Srinagar	5,204	24·846	−·002	24·817	24·962	14th	24·680	30th	·282	60·2	77·7	+0·8	51·6	−0·5	64·6	+0·1	26·1	89·6	31st	43·1	8th	46·5
	Gulmargi	*8,569*	21·863	−·048†	21,831	21,936	15th	21·761	7th	·175	57·0	63·8	†+9·7‖	39·4	+3·8†	51·6	+6·7	24·4	76·2	31st	30·8	8th	45·4
	Sonemarg	*8,764*																					
	Dras	*10,059*	20·853	+·029	20·821	20·951	15th	20·685	7th	·226	42·0	55·5	−5·1	28·3	−4·8	41·9	−4·9	27·2	72·9	31st	10·0	8th	62·9
	Leh	11,503	19·760	+·033	19·728	19·840	15th	19·619	7th	·221	49·6	67·2	+3·2	37·5	+0·7	52·8	+1·9	29·7	75·4	31st	31·0	9th	44·4
	Skardu	*7,505*	22·878	+·013	22·848	22·996	14th	22·725	7th	·271	59·9	71·2	+3·0	50·4	+0·9	62·3	+1·9	23·8	87·4	31st	44·1	2nd	43·3
	Minimarg	*9,359*									Observations not received.												
	Astor	*7,955*									Ditto		ditto.										
	Gilgit	4,890	25·074		25·047	25·211	8th	24·938	30th	·273	70·0	84·6	−0·8	59·7	−2·1	72·2	−1·5	24·9	99·7	31st	48·7	8th	51·0
	Baluchistan.																						
16	Quetta	5,502	24·605	+·021	24·565	24·684	10th	24·469	30th	·215	70·7	85·5	+2·0	51·7	−0·5	68·6	+0·7	33·8	95·6	31st	43·7	8th	52·9
	Chaman	4,311	25·624	−·007	25·586	25·728	10th	25·452	30th	·276	80·5	90·6	−3·1	64·5	−3·1	77·5	−3·1	26·1	103·8	31st	54·2	7th	49·6
	Dalbadin		26·996		26·959	27·105	5th & 14th.	26·749	30th	·356	85·5	101·8		68·7		85·2		33·1	111·8	31st	57·8	8th	54·0
	Kohat		26·864		26·822	27·003	7th	26·654	30th	·349	83·6	97·8		72·8		85·3		25·0	112·5	30th	61·3	9th	51·2
	Pasni		29·735		29·695	29·846	5th	29·560	30th	·286	79·9	90·0		75·5		82·8		14·5	96·0	7th	70·0	10th	26·0
	Hill Stations excluding Kashmir and Baluchistan.																						
	Chitral	*5,486*									64·7	80·7		54·1		67·4		26·6	96·1	31st	44·0	8th	52·1
	Para Chinar	6,000	24·404		24·380	24·479	10th	24·277	30th	·202	70·1	80·6		55·7		68·2		24·9	97·2	31st	48·1	2nd	49·1
	Cherat	*4,956*	25·620	+·027	25·588	25·726	1st	25·435	30th	·291	74·2	86·4	−3·2	67·6	−0·7	77·0	−1·9	18·8	103·7	31st	53·9	8th	49·8
	Murree	6,333	23·799	+·002	23·767	23·866	12th	23·665	30th	·201	67·5	77·9	+1·0	63·4	+3·9	70·7	+2·5	14·5	90·1	31st	50·7	8th	39·4
	Simla	7,232	23·076	+·011	23·038	23·159	6th	22·968	30th	·191	66·9	74·9	+1·3	61·7	+3·1	68·3	+2·2	13·2	81·5	31st	48·1	7th	33·4
	Sarain		23·104		23·066	23·201	6th	22·993	30th	·208	66·0	75·0		51·4		63·2		23·6	81·2	31st	43·4	2nd	37·8
	Kalabagh		20·122		20,084	20,197	14th	20·038	28th	·159	51·7	57·9		45·5		51·7		12·4	62·4	31st	9·1	13th	53·3
	Chakrata	7,022	23·230	−·016	23·190	23·315	6th	23·129	28th	·186	67·2	77·9	+3·6	60·2	+3·8	69·1	+3·6	17·7	83·2	21st	50·2	7th	33·0
	Muktesar	7,592	22·799	−·036	22·758	22·887	6th	22·680	30th	·207	64·8	76·4	+0·9	58·2	+2·7	67·3	+1·8	18·2	80·5	23rd	51·0	1st	29·5
	Darjiling	7,376	22·941	−·038	22·898	23·015	5th	22·831	30th	·184	56·8	63·8	0	53·0	+0·4	58·4	+0·2	10·8	68·8	13th	48·2	2nd	20·6
	Shillong	4,920	25·050		25·002	25·147	5th	24·932	30th	·215	66·3	72·4		59·0		65·7		13·4	77·9	14th & 15th.	54·7	1st	23·2
	Cherrapunji	4,309	25·627		25·578	25·718	5th	25·501	30th	·217	64·3	69·7		59·3		64·5		10·4	74·7	13th & 14th.	51·1	9th	23·6
	Maymyo	3,545	26·367	−·017	26·312	26·452	5th	26·281	30th	·171	70·3	78·5	−4·4	64·5	+0·9	71·5	−1·7	14·0	91·0	1st	58·6	4th & 12th.	32·4
	Pachmarhi	3,528	26·367	0	26·314	26·444	5th	26·258	30th	·186	85·5	98·5	+3·4	78·3	+3·2	88·4	+3·3	20·2	102·5	17th	70·1	30th	32·4
	Mount Abu	3,945	25·995	+·015	25·945	26·072	4th	25·872	30th	·200	79·2	89·4	+1·2	72·9	+1·8	81·2	+1·5	16·5	94·7	17th & 18th.	65·4	30th	29·3
	Mercara	3,781	26·204	+·005	26·137	26·271	6th	26·126	19th	·145	69·4	81·0	+0·7	63·9	−1·0	72·4	−0·1	17·1	86·0	5th	60·0	1st & 20th.	26·0
	Ootacamund	*7,327*	23·055		22·991	23·121	6th	22·933	30th	·128	62·7	71·3		51·9		61·6		19·4	74·0	21st	49·7	2nd, 8th & 13th.	24·3
	Kodaikanal	7,633	22·830	−·009	22·765	22·900	6th	22·766	30th	·134	61·8	70·2	+0·9	54·7	−0·2	62·5	+0·3	15·5	76·5	16th	51·0	28th	25·5

N.B.—Elevations in italics indicate barometrical determinations.

‖ Mean of 25 days. † Mean of 7 days.

NOTE.—The barometric readings are not reduced to sea-level, in the cases of hill

B—*continued.*

in India, etc., in May, 1911—continued.

Wind direction. Number of winds from Calm. (23)	N. (25)	N.E. (27)	E. (28)	S.E. (29)	S. (30)	S.W. (31)	W. (32)	N.W. (33)	Resultant direction. (34)	Normal direction. (35)	Wind velocity. Mean velocity, miles per hour. (36)	Normal. (37)	Departure from normal. (38)	Wind steadiness. Actual percentage. (39)	Departure from normal. (40)	Hygrometry, 8 hrs. Mean humidity at 8 hrs. (41)	Departure from normal. (42)	Mean vapour tension at 8 hrs in inches of mercury. (43)	Departure from normal in inches of mercury. (44)	Cloud. Mean amount at 8 hrs. (45)	Departure from normal. (46)	Rainfall. Number of rainy days. (47)	Normal number of rainy days. (48)	Departure from normal. (49)	Rainfall of month. (50)	Normal rainfall of month. (51)	Departure from normal. (52)	Total rainfall from 1st to 31st May, 1911. (53)	Normal rainfall for period, 1st to 31st May. (54)	Departure from normal of period, 1st to 31st May, 1911. (55)	Heaviest rainfall during month. (56)	Station. (57)
																																Bay Islands.
					12	19			S 27° W					90		84		·893		5·2		2			2·29			2·29			1·95	P.V.Fraser.
9	1			1	3	4	4	9	N 86° W	S 73° W	7·6	7·4	+0·2	40	—21	84	—3	·902	—·064	6·8	—0·1	16			12·89	16·90	— 4·01	12·89	16·90	— 4·01	1·89	Port Blair.
1					7	11	9	3	S 56° W		10·5			76		79		·899		5·7		4			4·30	9·25	— 4·95	4·30	9·25	— 4·95	1·91	Sipper Island.
																																Kashmir.
														65		48		·409		2·3		4			1·92			1·92			0·83	Muzaffaraba
									Rejected.																							
9		1	2	11	5			3	S 16° W	S 49° E	2·5	4·3	—1·8	33	— 3	81	0	·422	—·015	3·2	—0·2	3	5·80	—2·80	0·93	2·63	— 1·70	0·93	2·63	— 1·70	0·30	Srinagar.
									N 83° W		6·6¶			68		76		·357		2·0		5			2·82‡			2·82‡			1·80	Gulmarg.
5		7	9	4																		6			3·87	5·82	— 1·95	3·87	5·82	— 1·95	1·52	Sonemarg.
							2	2	N 67° W		2·8			10		71	— 2	·191		2·5		5	6·20	—1·20	1·80	3·09	— 1·29	1·80	3·09	— 1·29	0·47	Dras.
27																																
18				2	8	2	1		S 5° W	S 44° W	4·8	3·2	+1·6	37	— 8	35	—10	·125	—·016	2·8	—1·9	0	0·90	—0·90	0·03	0·21	— 0·18	0·03	0·21	— 0·18	0·03	Leh.
23		1	2		1	2	2		S 24° W		7·8			7		43	—14	·213		3·8		1	1·90	—0·90	0·24	1·27	— 1·03	0·24	1·27	— 1·03	0·12	Skardu.
																																Minimarg.
																																Astor.
																																Gilgit.
																																Baluchistan.
29				1				1	(a)	N 80° W	1·8	3·3	—1·5			38	— 7	·284	—·057	1·0	0	1	1·10	—0·10	0·10	0·38	— 0·28	0·10	0·38	— 0·28	0·10	Quetta.
17	1	2	2	1		5	2	1	S 62° W	S 32° W	6·2	7·6	—1·4	7	—39	34	+ 3	·341	+·035	1·1	+0·5	0	0·10	—0·10	0·02	0·11	— 0·09	0·02	0·11	— 0·09	0·02	Chaman.
2		6	12	5	2	2	1	1	S 83° E		7·6*			56		46		·538		1·2		0			0·08			0·08			0·08	Dalbandin.
7	1	13	5	1	1	2	1		N 61° E		7·9			43		48		·590		0·9		0			0·08			0·08			0·05	Robat.
2			4			3	15	7	N 81° W		10·3			56		89		·805		0·1		0			0			0			0	Pasni.
																																Hill stations, excluding Kashmir and Baluchistan.
																															0·44	Chitral.
21	8				2				N		2·3			26		63		·372		0·4		2			0·80			0·80				
26						1	2		S 75° W		3·7			10		43		·305		1·9		8	6·50	+1·50	1·68	2·76	— 1·08	1·68	2·76	— 1·08	0·54	Para China
2	15	1						13	N 19° W	N 6° W	13·0	12·1	+0·9	89	+42	33	— 1	·247	—·047	2·3	+0·1	2			0·51	1·74	— 1·23	0·51	1·74	— 1·23	0·25	Chefat.
15	8	2	1	1	1			3	N 6° E	N 7° E	4·5	8·0	—3·5	33	+18	33	— 6	·213	—·044	3·0	+0·2	2	6·30	—4·30	0·42	2·95	— 2·53	0·42	2·95	— 2·53	0·24	Murree.
																34	—11	·220	—·047	1·2	—1·6	1	5·20	—4·20	0·41	2·68	— 2·27	0·41	2·68	— 2·27	0·22	Simla.
18			1		6	4	2		S 24° W		0·8 ††			32		36		·218		1·4		1			0·40	2·04	— 1·64	0·40	2·04	— 1·64	0·25	Sarain.
1	4		1	2	7	1		3	S		9·4			16		39		·150		0·2		0			0			0(j)			0	Kalabagh.
9	11			6	5				N 66° E	N 21° E	4·2	7·8	—3·6	13	+ 3	43	— 4	·232	+·002	1·1	—0·8	0	5·90	—5·90	0·21	2·46	— 2·25	0·21	2·46	— 2·25	0·09	Chakrata.
15						1	15		S 87° W		8·2			53		45	— 5	·273		1·7		0			0·11	2·09	— 1·98	0·11	2·09	— 1·98	0·07	Muktesar
24		1		2			3	1	W	S 59° W	2·1	6·8	—4·7	5	— 6	94	+ 4	·433	+·004	9·5	+2·8	20	13·43	+6·57	11·40	8·74	+ 2·66	11·40	8·74	+ 2·66	2·64	Darjiling.
19				1	1	10			S 36° W		4·6			37		75		·483		6·6		22	17·80	+4·20	12·31	9·17	+ 3·14	12·31	9·17	+ 3·14	1·80	Shillong.
13	1	1	1		1	14			S 42° W		7·7			40		91		·550		8·1		24	21·10	+2·90	77·74	32·16	+45·58	77·74	32·16	+45·58	11·56	Cherrapu
3		1				8	1		(k) S 50° W		3·0			62		85	+ 6	·646		5·0		10	12·80	—2·80	8·45	9·31	— 0·86	8·45	9·31	— 0·86	2·08	Maymyo.
	3		2			1	11	14	N 58° W	N 81° W	8·9	7·5	+1·4	72	+ 9	29	— 8	·344	—·063	0·1	—1·9	0	1·30	—1·30	0	0·55	— 0·55	0	0·55	— 0·55	0	Pachmar
	1	1				13	9	7	S 81° W	S 72° W	9·6	10·8	—1·2	72	+ 4	34	— 6	·324	—·036	1·7	+0·9	0	1·30	—1·30	0	0·72	— 0·72	0	0·72	— 0·72	0	Mount A
12	3		1			1	3	11	N 46° W	N 45° W	4·5	5·3	—0·8	46	—19	91	+ 6	·642	+·030	5·6	—0·5	5	9·00	—4·00	4·81	5·79	— 0·98	4·81	5·79	— 0·98	1·89	Mercara.
4	1	5	10	2			1	3	N 68° E		2·6			43		72		·406		4·5		16	9·70	+6·30	7·58	7·84	— 0·26	7·58	7·84	— 0·26	1·31	Ootacam
2	4	4	7	3		1	3	7	N 20° E		11·2*			30		65	— 1	·359		3·6		12	9·20	+2·70	9·70	5·86	+3·84	9·70	5·86	+ 3·84	1·69	Kodaika

(a) Indeterminate.

or plateau stations, the elevations of which exceed 3,200 feet.

* Uncorrected for scale error.

(k) Wind observations of 13 days.

§ Mean of 29 days.
¶ " " 24 "

‡ Rainfall since 8th May, 1911.
(j) " " 13th " "
†† Mean of 18 days.

Table

(2) *Abstract of observations taken at 8 hrs. at 240 stations*

Number of subdivision	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	Extra India.																						
	Singapore (a)	10	29·916		29·847	29·995	4th	29·827	22nd	·168	84·3	89·1		75·3		82·2		13·8	92·5	23rd	73·0	28th	19·5
	Penang (a)	20	29·929		29·874	30·040	1st	29·864	21st	·176	83·3	90·0		74·7		82·3		15·3	93·0	3rd & 13th	71·0	1st	22·0
	Trincomalee	99									80·1	97·8	+4·8	77·0	−1·8	87·4	+1·5	20·8	101·0	22nd	72·5	24th	28·5
	Colombo	24	29·852	−·020	29·802	29·937	6th	29·799	22nd	·138	78·4	90·0	+2·0	76·5	−1·9	83·3	+0·1	13·5	93·0	2nd & 16th.	71·0	28th	22·0
	Minicoy	7	29·895			29·973	6th	29·800	23rd	·173													
	Amini Divi	*13*						Observations not received.															
	Gyantse	13,120	17·006		16·957	17·113	23rd	16·957	20th	·156	50·8	67·6		30·1		48·8		37·5	74·1	21st	22·0	23rd	52·1
	Pharijong	14,400									43·9	53·5		24·2		39·5		29·3	63·4	15th	10·0	1st	53·4
	Gangtok	5,660?									62·0	69·7		53·3		61·5		16·4	74·3	11th	48·7	20th	25·6
	Gartok (c)	14,140	17·510			17·675	30th	17·425	9th, 27th & 28th.	·250	35·7	52·8		23·1		37·9		29·7	51·2	31st	18·1	2nd & 12th	43·1
	Kashgar (c)	4,255	25·480			25·640	11th	25·280	8th & 30th	·360	69·5	82·9	+2·0	58·6	+0·5	70·7	+1·3	24·3	97·1	30th	46·6	1st	50·5
	Kabul									Observations rejected.													
	Meshed	3,104	26·729		26·707	26·933	8th	26·471	29th	·462	63·1	77·1		53·7	−3·5	65·4	−3·5	23·4	87·4	30th	41·6	10th	55·8
	Jask	13	29·727	−·024	29·693	29·897	6th	29·535	30th	·362	79·2	91·9	−0·5	76·2	−2·1	84·1	−1·3	15·7	97·8	31st	70·3	23rd	27·5
	Muscat	20	29·746	+·012	29·714	29·923	6th	29·559	30th	·364	89·8	98·3	+6·8	84·9	−1·0	91·6	+2·9	13·4	107·8	21st	79·1	8th	28·7
	Bahrein	18	29·817		29·788	29·996	6th	29·678	29th	·318	83·2	88·1		76·9		82·5		11·2	99·9	18th	70·5	1st	29·4
	Bushire	14	29·780	+·013	29·756	29·980	6th	29·625	30th	·355	77·9	86·1	−3·0	74·4	−0·9	80·3	−1·9	11·7	106·8	28th	63·0	4th	43·8
	Busrah	25	29·801		29·785	29·939	6th	29·652	29th	·337	82·0	93·1		75·2		84·2		17·9	103·7	18th	61·7	1st	42·0
	Kerman										67·3	88·9		53·7		71·3		35·2	101·2	29th	43·3	3rd	57·9
	Ispahan (b)	*5,817*	24,333			24,450	6th & 7th,	24,200	28th	·250	65·8	81·2†	−2·9†	52·5	1·7	66·9†	−2·3	28·7	93·4	27th	42·2	1st & 2nd.	51·2
	Tehran (b) (h)	*4,002*	25·770‡			25·915	3rd	25·580	19th	·335	63·2‡	77·0‡	−5·4	54·8	−3·9	65 9	−4·7	22·2	86·1	19th & 23rd.	47·2	3rd	38·9
	Baghdad	127	29·709	−·002	29·808	29·921	2nd	29·495	25th	·426	76·7	92·8	+1·0	68·7	+0·8	80·7	+0·9	24·1	100·8	18th	59·5	1st	41·3
	Beirut	111			29·850						70·6	76·0		62·6		69·3		13·4	89·4	16th	57·0	28th	32·4
	Aden	94	29·764	−·004	29·789	29·884	6th	29·580	30th	·304	84·9	93·5	+0·2	81·2	+0·2	87·3	+0·2	12·3	97·1	20th	77·4	18th	19·7
	Perim	201	29·653	+·021	29·788	29·752	2nd	29·549	30th	·203	84·3	91·2	−1·3	81·5	−0·4	86·4	−0·9	9·7	94·8	25th	79·8	7th	15·0
	Zanzibar	72	29·994	−·014	29·993	30·078	17th	29·928	4th	·150	77·2	82·5	+0·1	76·7†	+1·0†	79·6†	+0·5	5·8	85·9	5th	73·4	17th	12·5

N.B.—Elevations in italics indicate barometrical determinations.

NOTE.—The barometric readings are not reduced to sea-level, in the cases of hill or plateau stations, the elevations of which exceed 3,200 feet.

(a) 9 hrs. observations.
(b) Aneroid uncorrected.
(c) " corrected.

‡ Mean of 25 days.

(h) 7½ hrs. observations up to 10th.

B—*concluded.*

in India, etc., in May, 1911—concluded.

Wind direction. Number of winds from Calm. (25)	N. (26)	N.E. (27)	E. (28)	S.E. (29)	S. (30)	S.W. (31)	W. (32)	N.W. (33)	Resultant direction. (34)	Normal direction. (35)	Wind velocity. Mean velocity, miles per hour. (36)	Normal. (37)	Departure from normal. (38)	Wind steadiness. Actual percentage. (39)	Departure from normal. (40)	Hygrometry, 8 hrs. Mean humidity at 8 hrs. (41)	Departure from normal. (42)	Mean vapour tension at 8 hrs. in inches of mercury. (43)	Departure from normal in inches of mercury. (44)	Cloud. Mean cloud amount at 8 hrs. (45)	Departure from normal. (46)	Rainfall. Number of rainy days. (47)	Normal number of rainy days. (48)	Departure from normal. (49)	Rainfall of month. (50)	Normal rainfall of month. (51)	Departure from normal. (52)	Total rainfall from 1st to 31st May, 1911. (53)	Normal rainfall for period, 1st to 31st May. (54)	Departure from normal of period, 1st to 31st May, 1911. (55)	Heaviest rainfall during month. (56)	Station. (57)
																																Extra India.
11		2	2	11		3		2	S 47° E		5·5°			33						6·4		11			10·65	5·96	+4·69	10·65	5·96	+4·69	3·22	Singapore
	3	13	1	3	4			6	N 38° E		10·8°			46								13			6·53	8·48	−1·95	6·53	8·48	−1·95	1·52	Penang.
						21			N 45° E	S 45° W	8·2°	12·1	−3·9	100	+3	77	−1	·791	−·127	4·4	+1·9	2			2·53	2·36	+0·17	2·53	2·36	+0·17	1·37	Trincomali
11	1	7	1		1	3	5	2	N 32° W	S 45° W	5·0°	9·2	−4·2	17	−61	91	+13	·885	−·029	7·3	+1·0	11			9·96	10·70	−0·74	9·96	10·70	−0·74	3·52	Colombo.
	2					4	8	17	N 64° W	N 69° W	7·1	10·2	−2·5	81						4·6		4			4·10	5·68	−1·58	4·10	5·68	−1·58	2·11	Minicoy.
															Observations not received.																	Amini Div
14		1	8	8					S 70° E		4·1			48		44		·161		0·9		2			0·68			0·68			0·40	Gyantse.
20	1	1		1		1	1	4	N 45° W					14		65		·186				4			2·02			2·02			0·83	Pharijong.
25		3		2				1	N 72° E		1·8			10		87		·480		3·8		24			19·65	19·45	+0·20	19·65	19·45	+0·20	2·72	Gangtok.
19		1	1	5	5				S 32° E		8·3			32						0·6		1			2·00			2·00			2·00	Gartok.
25						2		4	N 76° W	N 50° W	5·3	4·5	+0·8	13	0	46	+2	·320	+·019	2·7	−0·5	1			0·32	0·70	−0·38	0·32	0·70	−0·38	0·22	Kashgar.
															Observations rejected.																	Kabul.
22	2	2	1	1	2			1	N 63° E		1·8			6		65		·374		3·6	+1·1	8			2·40			2·40			0·72	Meshed.
3	2		5	2	1	3	7	8	N 69° W	N 60° E	8·1	11·0	−2·9	27	+21	73	+5	·719	−·104	0·7	0	0			0	0	0	0	0	0	0	Jask.
9	2	1	2				2	15	N 37° W	N 39° W	6·6	4·3	+2·3	53	+11	50	−12	·705	−·113	1·9	+1·5	0			0	0	0	0	0	0	0	Muscat.
	8		1	1		2	10	9	N 52° W		8·9			61		55		·625		1·5		0			0	0·10	−0·10	0	0·10	−0·10	0	Bahrein.
8	3	4		1	1		3	11	N 31° W	N 25° W	11·8	9·4	+2·4	46	−9	67	+7	·670	+·017	1·0	−0·4	0			0	0·02	−0·02	0	0·02	−0·02	0	Bushire.
	3	1		7	5	4	5	6	S 50° W		3·9			26		63		·679		1·6		0			0	0·46	0·46	0	0·46	−0·46	0	Busrah.
	3	1	4	3	4	7	5	4	S 50° W		5·0			26		34		217		0·2		2			0·35			0·35			0·15	Kerman.
9	4	1	3				11	2	N 56° W	N 58° W	2·5	4·6	−2·1	37	−11	57	−4	·370	−·076	0·8	−0·9	0			0·05	0·11	−0·06	0·05	0·11	−0·06	0·05	Ispahan.
1	3	5	1	2	6	2			S 68° E	S 46° W	4·0	3·6	+0·4	16	0	63†	+23	·362†	+·056	1·9	−0·8	5			0·86	0·33	+0·53	0·86	0·33	+0·53	0·21	Tehran.
14	1	1	1	1	3		2	8	N 51° W	N 1° E	7·5	4·0	+3·5	23	−22	54	−2	·489	−·018	1·4	+0·6	1			0·21	0·23	−0·02	0·21	0·23	−0·02	0·12	Baghdad.
1		8				16	5	1	S 66° W					39		70		·516		3·3		3			1·30			1·30			0·69	Beirut.
11	1	13	1	3	1		1		N 58° E	S 87° E	11·2	11·2	0	43	+4	78	+3	·930	+·012	3·8	+0·8	0			0	0·13	−0·13	0	0·13	−0·13	0	Aden.
			10	10	3		6	2	S 48° E	S 59° E	11·8	13·7	−1·9	45	+20	78	+1	·934	−·001	3·6	−0·1	0			0	0·21	−0·21	0	0·21	−0·21	0	Perim.
2				3	13	12	1		S 18° W	S 7° W	7·1	8·1	−1·0	81	−6	88	+2	·815	+·008	5·9	−0·5	15			17·51	11·42	+6·09	17·51	11·42	+6·09	3·30	Zanzibar.

* Uncorrected for scale error.

† Mean of 30 days.

Table C.—Abstract of observations taken at 8 hrs. at 39 fourth-class stations in India, etc., in May, 1911.

Tabl

Abstract of observations taken at 8 hr

Number of subdivision.	Station.	Temperature of air.													Wind direction.										
		Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range during month.	Number of winds from: Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Resultant direction.	Normal direction.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
	II.—Eastern Bengal and Assam.																								
4	Bishnath	75·2	85·2	...	68·8	...	77·0	...	16·4	93·3	25th	63·9	2nd	29·4	...	...	...	...	...	...	...	...	...	...	...
	Borjuli	75·9	86·1	...	70·6	...	78·3	...	15·5	92·3	25th	64·4	1st	27·9	...	...	...	...	...	...	...	...	...	...	...
	Chandkhira	76·4*	86·2	...	68·3	...	77·3	...	17·9	93·8	1st & 13th	55·5	24th	38·3	...	...	...	...	...	...	...	...	...	...	...
	Doom Dooma	73·7	85·4	...	69·7	...	77·5	...	15·7	93·3	15th & 16th.	62·7	14th	30·6	...	...	...	...	...	...	...	...	...	...	...
	Dikom	75·0	84·8	...	70·5	...	77·7	...	14·3	93·4	16th	65·6	1st	27·8	...	...	...	...	...	...	...	...	...	...	...
	Golaghat	77·1	77·7	...	69·4	...	73·5	...	8·3	84·7	24th	59·2	2nd	25·5	...	...	...	...	...	...	...	...	...	...	...
	Hailakandi	Observations not received.																							
	Jorehat	76·7	84·5	...	71·2	...	77·9	...	13·3	92·4	25th	65·3	3rd	27·1	...	...	...	...	...	...	...	...	...	...	...
	Messa	78·2	92·1	...	65·8	...	78·9	...	26·3	96·7	1st	56·0	4th	40·7	...	...	...	...	...	...	...	...	...	...	...
	Panerihat †	72·8	84·9	...	69·6	...	77·3	...	15·3	89·4	25th & 28th.	65·0	3rd & 4th.	24·4	...	...	...	...	...	...	...	...	...	...	...
	Srimangal	78·3	88·1	...	71·0	...	79·5	...	17·1	94·7	13th	64·2	2nd	30·5	...	...	...	...	...	...	...	...	...	...	...
5	Brahmanbaria	81·6	88·8	...	71·1	...	79·9	...	17·7	93·0	17th	61·1	6th	31·9	...	...	...	...	...	...	...	...	...	...	...
	Dam Dim	76·8	90·4	...	70·4	...	80·4	...	20·0	93·9	1st	65·0	3rd	28·9	...	...	...	...	...	...	...	...	...	...	...
	Goalundo	83·9	93·2	...	73·4	...	83·3	...	19·8	98·8	1st	65·1	2nd	33·7	...	...	...	...	...	...	...	...	...	...	...
	Kalchini	78·6	86·4	...	68·5	...	77·5	...	17·9	91·6	1st	55·9	3rd	35·7	...	...	...	...	...	...	...	...	...	...	...
	Nagrakata	75·3	85·4	...	70·4	...	77·9	...	15·0	89·1	5 days	61·0	3rd	28·1	...	...	...	...	...	...	...	...	...	...	...
	Pabna	81·7	92·8	...	71·7	...	82·3	...	21·1	99·0	2nd	66·4	31st	32·6	...	...	...	...	...	...	...	...	...	...	...
	United Provinces of Agra and Oudh.																								
10	Balia	85·5	102·6	...	77·8	...	90·2	...	24·8	108·8	11th	68·8	23rd	40·0	...	...	...	...	...	...	...	...	...	...	...
	XI.—Central Provinces.																								
24	Chhindwara	91·2	106·3	...	79·3	...	92·8	...	27·0	109·2	24th	73·7	3rd	35·5	...	2	2	2	...	...	1	6	18	N 47° W	...
	XIV.—Madras.																								
33	Anantapur	84·5	103·6	...	78·1	...	90·8	...	25·5	107·0	1st, 10th & 12th.	68·5	25th	38·5	...	...	...	...	...	...	...	...	...	...	...
34	Guntur	89·0	108·0	...	82·0	...	95·0	...	26·0	116·2	29th	72·0	29th	44·2	...	...	...	...	...	...	...	...	...	...	...
	Bay Islands.																								
1	Car Nicobar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kashmir.																								
14	Jammu	90·5	101·5	...	79·4	...	90·4	...	22·1	110·9	31st	67·8	2nd	43·1	...	13	11	1	...	5	1	...	...	N 28° E	...
	Kargil	53·9	71·0	...	45·8	...	58·4	...	25·2	83·2	31st	37·5	8th	45·7	...	11	...	1	1	...	2	1	15	N 30° W	...

* Mean of 30 days.

† Observations of 29 days.

C.

at 39 fourth-class stations in India, etc., in May, 1911.

Wind velocity.			Wind steadiness.		Hygrometry, 8 hrs.				Cloud.		Rainfall.										Station.
Mean velocity, miles per hour.	Normal.	Departure from normal.	Actual percentage.	Departure from normal.	Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs. in inches of mercury.	Departure from normal in inches of mercury.	Mean cloud amount at 8 hrs.	Departure from normal.	Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st to 31st May 1911.	Normal rainfall for period, 1st to 31st May.	Departure from normal of period, 1st to 31st May, 1911.	Heaviest rainfall during month.	
27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
																					II.—Eastern Be Assam.
...	...	...	...	...	91	...	·797	...	...	...	23	...	...	14·07	...	...	14·07	...	...	2·77	Bishnath.
...	...	...	...	...	86	...	·775	...	...	...	18	...	...	10·22	...	...	10·22	...	...	1·34	Borjuli.
...	...	...	...	...	88*	...	·802*	...	...	...	21	...	...	27·81	...	...	27·81	...	...	4·40	Chandkhira.
...	...	...	...	...	89	...	·738	...	...	...	19	...	...	12·51	...	...	12·51	...	...	2·17	Doom Dooma.
...	...	...	...	...	90	...	·782	...	...	...	19	...	...	15·17	...	...	15·17	...	...	2·52	Dikom.
...	...	...	...	...	95	...	·882	...	...	...	20	...	...	10·13	...	...	10·13	...	...	1·50	Golaghat.
							Observations not received.														Hailakandi.
...	...	...	...	...	86	...	·790	...	...	...	19	...	...	14·11	...	...	14·11	...	...	3·34	Jorehat.
...	...	...	...	...	85	...	·826	...	...	...	18	...	...	10·10	...	...	10·10	...	...	1·33	Messa.
...	...	...	...	...	96	...	·770	...	...	...	18	...	...	16·10	...	...	16·10	...	...	2·01	Panerihat.
...	...	...	...	...	85	...	·825	...	...	...	21	...	...	34·01	...	...	34·01	...	...	4·33	Srimangal.
...	...	...	...	...	76	...	·824	...	...	...	19	...	...	34·38	...	...	34·38	...	...	5·90	Brahmanbaria.
...	...	...	...	...	97	...	·897	...	...	...	19	...	...	16·70	...	...	16·70	...	...	2·52	Dam Dim.
...	...	...	...	...	79	...	·919	...	...	...	13	...	...	12·51	...	...	12·51	...	...	2·13	Goalundo.
...	...	...	...	...	85	...	·851	...	...	...	21	...	...	19·31	...	...	19·31	...	...	6·26	Kalchini.
...	...	...	...	...	88	...	·769	...	...	...	24	...	...	18·18	...	...	18·18	...	...	2·23	Nagrakata.
...	...	...	...	...	85	...	·921	...	...	...	17	...	...	17·14	...	...	17·14	...	...	4·39	Pabna.
																					United Provinces of Agra and Oudh.
...	...	...	...	...	64	...	·765	...	...	...	No rain gauge.										Balia.
																					XI.—Central Provinces.
5·0	...	...	71	...	27‡	...	·384‡	...	0·5	...	0	...	...	0·02	...	...	0·02	...	...	0·02	Chhindwara.
																					XIV.—Madras.
...	...	...	...	...	71	...	·835	...	5·7	...	5	...	...	2·35	...	...	2·35	...	...	1·54	Anantapur.
...	...	...	...	...	72	...	·971	...	3·6	...	3	...	...	1·89	...	...	1·89	...	...	1·60	Guntur.
																					Bay Islands.
...	...	...	...	...	...	...	...	...	...	...	Rainfall observations not received.										Car Nicobar.
																					Kashmir.
...	...	...	55	...	29	...	·404	...	0·5	...	1	...	...	0·27	...	...	0·27	...	...	0·27	Jammu.
...	...	...	71	...	46	...	·188	...	3·7	...	3	...	...	·063	...	...	·063	...	...	0·27	Kargil.

‡ Mean of 29 days.

Table

Abstract of observations taken at 8 hrs.

Number of subdivision.	Station.	Temperature of air.													Wind direction.										
		Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range during month.	Number of winds from: Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Resultant direction.	Normal direction.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
	Hill Stations, exclusive of Kashmir.																								
	Fanighatta	76·5	85·9	...	70·5	...	78·2	...	15·4	91·5	1st	64·2	3rd	27·3	...	...	...	...	...	...	...	...	...	...	...
	Kurseong	64·3	70·8	...	60·7	...	65·7	...	10·1	75·3	1st	56·6	3rd	18·7	...	...	...	...	...	...	...	...	...	...	...
	Gnatong	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lachung	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...
	Ringim	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Poo	...	71·4	...	49·5	...	60·5	...	21·9	83·4	31st	40·6	8th	42·8	15	1	...	4	9	2	...	...	...	S 55° E	...
	Kailang	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Drosh	65·6	81·5	...	59·2	...	70·4	...	21·7	97·4	31st	46·9	7th	50·5	23	...	4	1	1	2	...	...	...	E	...
	Pishin	...	86·4	...	53·8	...	70·1	...	32·6	98·4	31st	44·1	8th	54·3	...	...	...	...	...	...	...	...	...	...	...
	Kalat	69·2	84·3	−1·1	47·5	+4·2	65·9	+1·5	36·8	97·8	31st	39·9	8th & 9th.	57·9	...	2	...	8	...	21	...	...	...	S 23° E	...
	Extra India.																								
	Ahwaz	...	96·0	...	74·4	...	85·2	...	21·6	107·4	27th	55·8	3rd	51·6	...	...	...	...	...	...	...	...	...	...	...
	Birjand	Observation not received.																							
	Chumbi	47·4	62·0	...	41·8	...	51·9	...	20·2	67·2	24th	34·0	1st	33·2	...	...	...	...	...	...	...	...	...	...	...
	Kirmanshah	61·8	74·1	...	47·4	...	60·7	...	26·7	82·8	19th	37·0	3rd	45·8	...	...	...	...	...	...	...	...	...	...	...
	Koweit	...	93·1	...	73·1	...	83·1	...	20·0	103·4	26th	60·9	1st	42·5	1	3	...	4	1	...	...	3	19	N 37° W	...
	Maidan	...	95·3	...	69·0	...	82·2	...	26·3	104·2	26th	59·2	2nd	45·0	...	...	...	...	...	...	...	...	...	...	...
	Muhammerah	...	92·0	...	74·6	...	83·3	...	17·4	97·2	17th	65·6	1st	31·6	...	10	...	...	4	3	1	...	9	N 22° W	...
	Pemba	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Prison Island	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

C—*concluded.*

at 39 fourth-class stations in India, etc., in May, 1911—concluded.

Wind velocity.			Wind steadiness.		Hygrometry, 8 hrs.				Cloud.		Rainfall.									Heaviest rainfall during month.	Station.
Mean velocity, miles per hour.	Normal.	Departure from normal.	Actual percentage.	Departure from normal.	Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs. in inches of mercury.	Departure from normal in inches of mercury.	Mean cloud amount at 8 hrs.	Departure from normal.	Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st to 31st May, 1911.	Normal rainfall for period, 1st to 31st May.	Departure from normal of period, 1st to 31st May, 1911.		
27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
																					Hill Stations, exclusive of Kashmir.
...	...	...	...	...	79	...	·712	...	...	...	13	...	...	12·85	...	...	12·85	...	...	3·32	Panighatta.
...	...	...	...	...	88	...	·526	...	...	...	17	...	...	14·46	...	...	14·46	...	...	2·85	Kurseong.
...	...	...	...	...	...	...	...	...	...	...	25	...	...	17·74	...	...	17·74	...	...	2·38	Gnatong.
...	...	...	...	...	...	...	...	...	...	...	?	...	...	6·00	...	...	6·00	...	...	?	Lachung.
...	...	...	...	...	...	...	...	...	...	...	23	...	...	17·55	...	...	17·55	...	...	1·49	Ringim.
...	...	...	39	...	...	...	...	...	1·5	...	2	...	...	0·54	0·71	—0·17	0·54	0·71	—0·17	0·42	Poo.
...	...	...	...	...	...	...	...	...	...	...	3	...	...	1·57	2·58	—1·01	1·57	2·58	—1·01	1·33	Kailang.
...	...	...	16	...	57	...	·345	...	3·0	...	7	...	...	1·85	...	...	1·85	...	...	0·65	Drosh.
...	...	...	...	...	...	...	...	...	1·5	...	0	0·70	—0·70	0·02	0·19	—0·17	0·02	0·19	—0·17	0·02	Pishin.
...	...	...	34	...	48	...	·351	...	...	...	1	0·90	+0·10	0·15	0·26	—0·11	0·15	0·26	—0·11	0·15	Kalat.
																					Extra India.
...	...	...	...	...	...	...	...	...	1·8	...	•	...	...	0·03	...	...	0·03	...	...	0·02	Ahwaz.
								Observations not received.												•	Birjand.
9·0	...	...	...	...	81	...	·266	...	...	...	13	...	...	4·20	...	...	4·20	...	...	0·96	Chumbi.
...	...	...	...	...	57	...	·311	...	...	...	3	...	...	0·81	...	...	0·81	...	...	0·24	Kirmanshah.
...	...	...	65	...	...	...	...	...	...	...	0	...	...	0·05	...	...	0·05	...	...	0·05	Koweit.
...	...	...	...	...	...	...	...	...	...	...	0	...	...	0·15	...	...	0·15	...	...	0·08	Maidan.
...	...	...	36	...	...	...	...	...	...	...	1	...	...	0·10	...	...	0·10	...	...	0·10	Muhammerah.*
...	...	...	...	...	...	...	...	...	...	...	20?	...	...	21·35	...	...	21·35	...	...	?	Pemba.
...	...	...	...	...	...	...	...	...	...	...				No rainfall observations.							Prison Island.

* Wind variable 4.

TABLE A.—Abstract of observations taken at 10 hrs. and 16 hrs. at 34 stations in India, etc., in June, 1911.

Table

Abstract of observations taken at 10 hrs. and 16 hrs. at 34

Number of subdivision.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure. Mean of 10 hrs.	Pressure. Mean of 16 hrs.	Pressure. Mean daily range.	Pressure. Mean of daily mean pressures.	Pressure. Departure from normal.	Pressure. Mean reduced to sea-level and gravity, 45° Lat.	Temperature of air. Mean maximum.	Temperature of air. Mean minimum.	Temperature of air. Mean daily range.	Temperature of air. Highest maximum.	Temperature of air. Lowest minimum.	Temperature of air. Absolute range.	Temperature of air. Mean 10 hrs.	Temperature of air. Mean 16 hrs.	Temperature of air. Mean of daily means.	Temperature of air. Departure from normal.	Temperature, Wet-bulb. Mean minimum.	Temperature, Wet-bulb. Mean 10 hrs.	Temperature, Wet-bulb. Mean 16 hrs.	Temperature, Wet-bulb. Mean of three previous columns.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	I.—Burma.																					
2	Rangoon . .	18	29·808	29·719	·089	29·768	+·018	29·724	86·3	77·0	9·3	90·1	73·8	16·3	82·9	82·7	79·7	+0·2	75·3	78·7	77·9	77·3
	III.—Bengal.																					
6	Calcutta . .	21	·566	·478	·088	·528	—·021	·491	90·5	78·9	11·6	96·4	73·7	22·7	86·3	86·2	84·4	—0·1	76·8	80·4	80·3	79·2
	IV.—United Provinces of Agra and Oudh.																					
10	Allahabad . .	309	·260	·148	·112	·207	+·007	·460	100·5	82·4	18·1	111·6	75·1	36·5	93·1	98·3	90·1	—0·7	75·4	78·3	78·9	77·6
11	Dehra Dun . .	2,233	27·390	27·309	·081	27·346	—·006	·488	89·5	73·1	16·4	96·2	67·8	28·4	83·5	85·6	79·8	−2·4	69·2	74·5	75·0	72·9
	V.—Punjab.																					
12	Lahore . .	702	28·821	28·726	·095	28·765	—·008	·405	106·1	82·0	24·1	116·7	71·6	45·1	95·7	104·2	93·6	+0·6	73·8	78·3	79·3	77·1
	VIII.—Rajputana.																					
19	Jaipur . .	1,431	·185	·082	·103	·132	—·001	·471	103·0	81·2	21·8	113·2	74·1	39·1	93·0	99·5	90·9	+0·3	72·7	77·1	77·2	75·7
	Udaipur . .	1,925	27·745	27·658	·087	27·705		·525	96·0	77·7	18·3	105·5	72·9	32·6	88·5	93·0	86·0		72·5	74·8	76·0	74·4
	IX.—Bombay.																					
26	Bombay . .	37	29·745	29·667	·078	29·707	+·034	·683	88·0	79·9	8·1	93·0	76·2	16·8	81·[illegible]	85·0	82·8	+0·4	77·0	79·4	79·5	78·6
	XI.—Central Provinces.																					
24	Nagpur . .	1,017	28·647	28·529	·118	28·594	+·016	·549	95·5	78·1	17·4	105·8	73·0	32·8	87·4	92·0	85·0	−1·6	69·8	75·4	75·8	70·3
	XII.—Hyderabad.																					
29	Hyderabad . .	1,690	·054	27·940	·114	·004	+·004	·606	93·8	76·1	17·7	104·4	72·5	31·9	84·3	90·3	83·1	+0·5	69·6	72·6	74·4	72·2
	XIII.—Mysore.																					
30	Bangalore . .	3,021	26·870	26·785	·085	26·834	+·011	·720	84·6	66·9	17·7	91·3	64·7	26·6	77·2	82·0	73·9	—0·1	65·4	69·3	69·9	68·2
	Mysore . . .	2,518	27·377	27·290	·087	27·340	+·030	·769	82·0	67·7	14·3	88·7	65·0	23·7	76·8	79·1	73·1	−1·5	67·0	71·8	73·2	70·7
	XIV.—Madras.																					
32	Pudukkottai .	318	29·512	29·396	·116	29·454		·698	98·0	77·5	20·5	103·0	69·9	33·1	88·7	93·4	87·7		73·8	77·4	79·4	76·9
	Madras . .	22	·754	·646	·108	·709	+·010	·663	99·7	82·3	17·4	106·4	72·6	33·8	92·3	94·1	89·8	+1·4	75·6	79·1	80·2	78·3
	Bay Islands.																					
1	Port Blair . .	58	·781	·709	·075	·751	+·014	·738	85·1	77·2	7·9	88·2	71·8	16·4	82·9	82·8	79·9	—0·8	74·5	78·4	78·2	77·0
	Kashmir.																					
14	Srinagar . .	5,204	24·716	24·624	·092	24·672	—·024	24·643	86·0	60·5	25·5	93·3	53·7	39·6	75·3	84·2	72·2	+2·3	56·7	69·8	77·0	67·8
	Leh . . .	11,503	19·671	19·572	·099	19·623	—·015	19·591	75·2	46·2	29·0	80·7	40·0	40·7	65·5	71·6	59·6	+1·8	38·9	48·2	51·1	46·1
	Baluchistan.																					
16	Quetta . .	5,502	24·486	24·417	·069	24·444	+·002	24·404	94·1	59·2	34·9	99·5	51·7	47·8	86·7	92·6	75·8	+1·7	51·6	60·7	61·7	58·0

N B.—Elevations in italics indicate barometric determinations.

NOTE.—The barometric readings are not reduced to sea-level, in the cases of hill or plateau stations, the elevations of which exceed 3,200 feet.

A.

stations in India, etc., in June, 1911.

Vapour tension, in inches of mercury.					Humidity.					Cloud.				Wind direction.											Wind steadiness.		Wind velocity.		Rainfall.		Station.	Number of subdivision.
														Total number of 10 hrs. and 16 hrs. winds from																		
From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	Mean 10 hrs.	Mean 16 hrs.	Mean of two previous columns.	Departure from normal.	Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Mean wind direction.	Normal mean wind direction of month.	Average percentage.	Normal percentage.	Mean velocity in miles per diem.	Normal.	Total rainfall for the month.	Heaviest rainfall during the month.		
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	54	55	56
																															I.—Burma.	
·853	·923	·887	·905	—·016	92	83	80	89	− 4	8·9	9·2	9·1	+0·3	18				5	19	17	1		S 15° W	S 24° W	60	71	33	122	22·85	2·37	Rangoon	2
																															III.—Bengal.	
·895	·959	·955	·947	−·024	91	77	77	84	+ 1	6·9	7·9	7·4	—0·1		1	2	5	11	19	18	3	1	S 3° W	S 3° W	62	59	163*	142	11·07	1·72	Calcutta	6
																															IV.—United Provinces of Agra and Oudh.	
·790	·770	·731	·780	+·007	73	51	43	57	+ 1	6·2	6·9	6·5	+1·4	4		14	14	4	2	1	13	8	N 36° E	N 10° W	21	16	112	192	2·13	1·37	Allahabad	10
·661	·739	·737	·727	+·091	82	63	62	73	+11	5·0†	5·8	5·4	+1·2	8		3	4	9	6	6	15	9	S 53° W	S 51° W	25	14	29*	41	10·76	1·84	Dehra Dun	11
																															V.—Punjab.	
·732	·736	·668	·730	+·103	67	46	33	50	+ 6	1·7	1·0	1·3	—1·6	9	1	3	5	17	4	3	13	5	S 3° E	N 18° E	18	7	89	86	2·10	0·94	Lahore	12
																															VIII.—Rajputana.	
·701	·732	·656	·703	+·047	66	48	37	52	0	3·3	5·3	4·3	—0·1	1	1	4	6	2	1	12	22	11	N 88° W	N 70° W	47	43	171*	163	4·57	1·70	Jaipur	19
731	·692	·689	·715		78	53	46	60		3·1	3·8	3·5		1	3	2	1	2	2	18	27	4	S 77° W		67		176		3·61	1·24	Udaipur	
																															IX.—Bombay.	
·830	·936	·928	·931	—·007	87	80	77	83	0	7·4	7·4	7·4	+0·3				1	1	6	17	29	6	S 72° W	S 63° W	77	64	286*	365	10·85	2·58	Bombay	26
																															XI.—Central Provinces.	
·627	·731	·681	·690	—·028	66	53	48	58	− 1	5·9	7·1	6·5	−0·7																17·14	12·40	Nagpur	24
																															XII.—Hyderabad.	
·642	·650	·640	·657	—·051	72	56	48	61	− 3	6·4	7·9	7·1	+0·8	5			1			1	50	3	N 83° W	N 84° W	87	72	183	218	2·59	0·54	Hyderabad	29
																															XIII.—Mysore.	
·606	·624	·587	·613	−·010	93	67	55	74	0	7·6	7·2	7·4			1					15	29	15	N 89° W	S 72° W	84	81	255	223	2·04	0·58	Bangalore	30
·652	·715	·746	·711	+·075	96	78	76	85	+10	8·4	8·5	8·5	0							28	28	4	S 61° W	S 75° W	59	79	290	350	4·12	1·20	Mysore	
																															XIV.—Madras.	
·783	·787	·790	·787		83	59	52	65		5·3	7·2	6·3		5	2	1			1	21	17	13	S 85° W		68		241		1·14	0·43	Pudukkottai	32
·798	·817	·846	·837	+·004	72	54	51	62	− 4	4·6	5·8	5·2	—1·0			1	5	9		11	26	8	S 74° W	S 37° W	47	57	211*	211	0·63	0·26	Madras	
																															Bay Islands.	
·813	·910	·901	·891	—·044	88	81	81	85	− 3	8·2	8·2	8·2	+0·4						15	21	19	5	S 55° W	S 45° W	77	78	273	250	25·55	5·35	Port Blair	1
																															Kashmir.	
·417	·677	·859	·603	+·068	79	76	72	76‡	− 3	2·3	2·8	2·5	—1·1	23	1	5	1	7	4	1	2	16	N 34° W	N 9° E	13	7	66	91	1·10	0·46	Srinagar	14
·173	·187	·198	·182	+·014	56	31	26	39	0	2·6	2·6	2·6	−2·4		5	7	7	3	9	9	15	5	S 71° W	S 81° W	20	34	96	62	0	0	Leh	
																															Baluchistan.	
·310	·259	·222	·263	—·078	60	20	15	32	− 7	0	0·7	0·3	—0·8	30	5	1			1		12	11	N 57° W	N 72° W	38	39	46	72	0	0	Quetta	16

Uncorrected for scale error. † Mean of 29 days. ‡ Mean of three previous columns.

Tabl

Abstract of observations taken at 10 hrs. and 16 hrs. at 3

Number of subdivision.	Station.	Elevation of barometer above sea-level, in feet.	Pressure. Mean of 10 hrs.	Mean of 16 hrs.	Mean daily range.	Mean of daily mean pressures.	Departure from normal.	Mean reduced to sea-level and gravity, 45° Lat.	Temperature of air. Mean maximum.	Mean minimum.	Mean daily range.	Highest maximum.	Lowest minimum.	Absolute range.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	Temperature, wet-bulb. Mean minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of three previous columns.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	Hill Stations, excluding Kashmir and Baluchistan.																					
	Simla . . .	7,232	23·027	22·980	·047	22·996	+·010	22·958	73·0	60·9	12·1	80·8	55·8	25·0	67·4	71·0	66·1	−0·8	55·5	60·1	62·1	59·2
	Sarain . .		·046	·997	·049	23·016		·979	74·3	56·3	18·0	79·7	50·7	29·0	69·6	70·5	64·5			60·1	61·2	
	Kalabagh . .		20·106	20·079	·027	20·088		20·050	56·9	47·1	9·8	62·3	41·1	21·2	52·4	54·5	51·2			48·3	50·4	
	Chakrata . .	7,022	23·184	23·146	·038	23·163	+·006	23·123	73·0	59·3	13·7	78·7	53·7	25·0	68·6	66·9	65·3	−1·1	56·7	63·3	62·6	60·9
	Mukteswar .	7,592	22·747	22·689	·058	22·711		22·669	71·7	56·8	14·9	78·3	52·2	26·1	64·5	67·9	63·5		53·7	60·4	62·5	58·9
	Katmandu . .	4,388	25·494	25·409	·085	25·447	+·044†	25·402	84·5	68·2	16·3	89·8	65·7	24·1	78·2	80·0	75·6	+1·7†	63·4	71·2	71·6	68·7
	Darjiling . .	7,376	22·893	22·833	·060	22·859	−·037	22·811	66·5	57·4	9·1	72·9	53·0	19·9	62·8	62·8	61·1	+1·2	56·8	61·2	61·3	59·8
	Pachmarhi . .	3,528	26·267	26·174	·093	26·222	−·009	26·169	83·9	69·6	14·3	93·5	65·1	28·4	74·6	80·8	76·0	−2·2	66·4	69·7	71·8	69·3
	Mount Abu .	3,945	25·887	25·828	·059	25·858	+·012	25·808	81·7	67·0	14·7	89·2	61·4	27·8	74·6	79·1	73·5	−1·4	62·9	67·5	69·3	66·6
	Chikalda . .	3,642	26·187	26·107	·080	26·148	+·021	26·092	83·3	68·0	15·3	92·0	64·2	27·8	75·9	80·7	74·9	−0·5	65·6	70·0	70·8	68·8
	Ootacamund .	*7,327*	23·025	22·963	·062	22·991		22·927	63·2	52·0	11·2	69·7	48·4	21·3	59·5	58·6	56·8		51·1	56·6	56·6	54·8
	Kodaikanal . .	7,688	22·803	·747	·056	·775		·710	63·5	53·7	9·8	67·5	51·9	15·9	60·7	58·9	58·6		50·4	56·6	56·0	54·3
	Dodabetta . .	8,539†	·016	21·959	·057	21·984		21·921	57·3	48·8	8·5	63·0	44·2	18·8	54·7	53·5	52·3		46·7	52·8	52·5	50·7
	Extra India.																					
	Minicoy . .	7	29·932	29·888	·044	29·915																
	Zanzibar . .	72	30·133	30·031	·102	30·087	+·043	30·086	80·5	72·6	7·9	82·8	69·2	13·6	76·1	79·7	76·0	−1·3	66·8	70·7	70·1	69·2
	Diego Garcia .								Observations not received.													
	Seychelles . .	15	30·026	29·948	·078	29·989	+·042†	29·928	82·1	76·6	5·5	84·3	72·7	11·6	79·9	80·9	78·2	+0·6†	70·2	74·3	74·5	73·0
	Mauritius . .	181							Observations not received.													

N.B.—Elevations in italics indicate barometric determinations.

NOTE.—The barometric readings are not reduced to sea-level, in the cases of hill or plateau stations, the elevations of which exceed 3,200 feet.

† Departure from old normal.

A—*concluded.*

stations in India, etc., in June, 1911—concluded.

Vapour tension, in inches of mercury.					Humidity.					Cloud.				Wind direction.											Wind steadiness		Wind velocity.		Rainfall.		Station.	Number of subdivision.
														Total number of 10 hrs. and 16 hrs. winds from																		
From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	Mean 10 hrs.	Mean 16 hrs.	Mean of two previous columns	Departure from normal.	Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Mean wind direction.	Normal mean wind direction of month.	Average percentage.	Normal percentage.	Mean velocity in miles per diem.	Normal.	Total rainfall for the month.	Heaviest rainfall during the month.		
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	54	55	56
																															Hill Stations, excluding Kashmir and Baluchistan.	
·388	·446	·465	·432	+·035	73	67	62	67	+6	5·4	5·9	5·7	0																4·33	0·88	Simla.	
	·423	·441				59	61			5·7	7·3	6·5		22	1	1	1	2	10	17	6		S 35° W		43		52		5·45	1·80	Saraiu.	
	·305	·332				77	78			6·6	8·0	7·3		13	1			11	35				S 11° E		72		225		9·09	4·11	Kalabagh.	
·436	·525	·525	·494	+·094	87	76	80	81	+15	6·7	7·5	7·1	+2·0	1	5	1		24	26	1		2	S 23° W	S 66° W	67	48	72	178	7·50	1·47	Chakrata.	
·381	·482	·510	·457		83	80	76	80		6·7	7·2	6·9		34			1				24	1	N 88° W		40		143		6·08	1·01	Mukteswar.	
59§	·685	·681	·654	+·014	87§	71	68	75	−1	6·3	6·9	6·6	+0·4	17			18	1		1	21	2	W	N 87° W	7	20	21*	31	8·59	1·44	Katmandu.	
·456	·523	·526	·501	+·009	97	92	92	94	0	9·5	8·8	9·1	+0·3	43		3	2	3	1	2	5		S 4° W	S 15° W	5	8	39	122	27·14	4·31	Darjiling.	
·608	·669	·675	·653	+·039	85	79	67	77	+12	4·8	4·8	4·8	−2·0	1	2			1	1	11	34	10	S 89° W	N 81° W	80	63	298	221	11·46	2·09	Pachmarhi.	
·532	·594	·606	·581	+·015	81	71	62	71	+5	5·6	5·0	5·3	+0·5		2	2	1	1	10	33	7	4	S 48° W	S 48° W	68	66	309	274	5·15	1·85	Mount Abu.	
·600	·667	·638	·638	+·041	88	76	63	76	+6	6·2	6·6	6·4	−0·3	2	1					3	3	25	N 54° W	N [illegible]	83	58	205¶	242	8·83	3·33	Chikalda.‡	
·366	·429	·439	·407		94	85	89	89		8·8	9·5	9·1		7	2	4	4		1	11	20	11	N 82° W		48		142		15·69	2·66	Ootacamund.	
·334	·420	·422	·392		80	79	84	81		7·3	8·6	7·9			3		1	4	1	3	26	22	N 73° W		70		377*		7·19	1·07	Kodaikanal.	
·297	·381	·385	·354		86	89	94	90		9·4	9·3	9·6		4	5	3	1	1	2	11	23	10	N 81° W		61		851		9·60	1·36	Dodabetta.	
																															Extra India.	
										6·7	7·0	6·9			1					18	28	13	S 87° W		84		409		16·75	4·43	Minicoy.	
·581	·678	·606	·660	−·078	73	76	60	72	−5	4·3	5·1	4·7	−0·1					8	35	16	1		S 7° W	S 4° E	87	87	224	211	2·24	1·86	Zanzibar.	
										Observations not received.																					Diego Garcia.	
·655	·776	·772	·750	−·031	71	76	73	75	−4	5·9	5·8	5·9	−1·2†		1	1	4	21	26	5	1	1	S 20° E	S 27° E	72	81	207*	258	1·70	0·24	Seychelles.	
										Observations not received.																					Mauritius.	

§ Mean of 29 days.
* Uncorrected for scale error.
¶ Mean of 29¼ days.
‡ Wind observations less 26.

Table B.—Abstract of observations taken at 8 hrs. at 242 stations in India, etc., in June, 1911.

(1) Provincial means.

(2) Data of stations.

(1) Provincial means based on the material in Table B (2) except that the statement of rainfall depends on the complete data of about 2,000 stations.

	Pressure departure from normal.	Temperature of air.								Wind.		Hygrometry.				Cloud.		Rainfall.		
		Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Absolute range during month.	Departure of velocity from normal.	Departure of steadiness from normal.	Mean humidity.	Departure from normal.	Mean vapour tension.	Departure from normal.	Mean cloud amount.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.
Burma	+·006	87·5	−0·7	75·6	−0·1	81·5	−0·4	12·0	20·5	−0·5	−9	88	0	·833	−·006	8·2	+0·5	17·64	15·41	+2·23
Eastern Bengal and Assam	−·022	87·8	−0·6	77·3	+0·3	82·5	−0·1	10·5	21·9	−0·4	−2	88	−1	·934	−·005	7·5	−0·1	19·76	17·10	+2·66
Bengal	−·022	91·2	−3·1	78·3	−0·8	84·8	−2·0	12·8	28·8	+0·5	−9	82	+1	·894	−·021	6·7	+0·4	13·28	9·41	+3·87
United Provinces of Agra and Oudh.	−·002	100·1	+0·1	81·4	+0·7	90·8	+0·4	18·6	34·0	0	−4	64	−3	·819	+·016	4·0	−0·8	3·50	5·00	−1·50
Punjab	−·007	104·5	−0·5	82·0	+1·3	93·3	+0·4	22·5	43·8	−0·1	+1	55	+2	·742	+·038	2·2	−0·6	2·20	2·03	+0·17
North-West Frontier Province	−·024	107·9	+0·9	80·3	+1·0	94·1	+0·9	27·6	47·3	−0·9	+1	48	−2	·666	−·029	1·9	+0·2	1·14	0·85	+0·29
Sind	−·002	102·5	−0·1	82·9	0	92·7	0	19·6	29·8	−1·5	−5	69	+5	·899	+·050	3·2	−0·2	0·10	0·41	−0·31
Rajputana	−·003	102·5	−0·5	82·3	−0·9	92·4	−0·7	20·2	36·4	+1·6	+9	59	+2	·744	−·020	3·1	−0·5	2·17	2·68	−0·51
Bombay	+·026	91·3	−0·4	76·9	−0·2	84·1	−0·3	14·4	25·4	−1·0	+6	77	+1	·834	−·009	6·5	−0·3	8·02	9·42	−1·40
Central India	+·006	96·8	−1·5	78·5	−0·5	87·6	−1·0	18·3	33·9	+0·2	+8	66	0	·741	−·012	6·1	+1·2	5·29	6·98	−1·69
Central Provinces	+·013	93·6	−2·4	75·9	−1·5	84·8	−2·0	17·7	34·2	+1·1	−1	70	+2	·732	−·010	6·3	+0·2	7·75	6·81	+0·94
Hyderabad	+·021	94·0	−1·3	75·3	0	84·6	−0·7	18·7	33·9	−0·9	+7	63	−1	·692	−·037	6·7	−0·2	3·72	4·76	−1·04
Mysore	+·026	83·3	−0·3	67·5	−0·1	75·5	−0·2	15·8	25·5	+1·3	+2	83	+1	·662	+·009	6·8	0	5·74	5·27	+0·47
Madras	+·017	93·5	−0·6	77·7	−0·3	85·6	−0·4	15·8	27·6	+1·2	+4	73	0	·812	−·010	6·3	−0·2	6·93	5·43	+1·50

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(2) Abstract of observations taken at 8 hrs. at 24

Number of subdivision.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	I.—Burma.																						
2	Victoria Point	97	29·760?		29·787?	29·872	11th	29·685	30th	·187	79·5	85·1		75·4		80·2		9·7	87·7	1st & 12th	71·7	1st	16·0
	Mergui	65	29·808	+·007	29·804	29·907	11th	29·726	30th	·181	77·7	85·5	−0·2	73·1	0	79·3	−0·1	12·4	89·9	2nd	71·4	12th, 20th & 22nd.	18·5
	Tavoy	19	29·852	+·007	29·803	29·976	12th	29·756	8th	·220	77·6	84·0	−0·8	75·3	+0·6	79·7	−0·1	8·7	90·0	3rd	72·8	18th & 26th.	17·2
	Moulmein	94	29·753?	+·031?	29·785?	29·899	11th	29·660	16th	·239	77·8	84·4	−0·2	74·8	0	79·6	−0·1	9·6	90·0	3rd	70·3	16th	19·7
	Rangoon	18	29·799	+·019	29·755	29·935	11th	29·672	16th	·263	80·1	85·1	−0·4	75·9	+0·1	81·5	0	9·2	90·1	23rd, 28th & 29th.	73·9	21th	16·2
	Bassein	27?	29·771	+·022	29·735	29·897	12th	29·626	17th	·271	80·6	87·0	+0·7	76·7	+0·4	81·8	+0·5	10·3	91·2	28th	72·9	12th	18·3
	Diamond Island	41	29·747	+·005	29·723	29·874	12th	29·619	17th	·255	82·4	85·6	0	74·9	−1·5	80·2	−0·7	10·7	88·4	4th	71·7	1st, 7th & 11th.	16·7
	Toungoo	164	29·635	+·024	29·740	29·763	11th	29·490	17th	·273	80·9	88·9	−0·2	75·7	+0·2	82·3	0	13·2	93·5	4th	72·4	24th	21·1
	Kyaukpyu	18	29·708		29·666	29·824	2nd	29·508	18th	·316	79·9	86·2		76·3		81·3		9·9	91·0	3rd	73·4	19th	17·6
	Akyab	20	29·696	−·005	29·656	29·819	2nd	29·458	18th	·361	80·3	85·3	−0·7	77·5	−0·6	81·4	−0·7	7·8	89·9	1st & 3rd	75·5	8th & 24th.	14·4
3	Thayetmyo	121	29·635	+·010	29·698	29·765	12th	29·461	17th	·304	81·3	91·5	+0·1	77·1	+0·3	84·3	+0·2	14·4	98·5	1st	73·9	3rd	24·6
	Minbu	*165*	29·564	−·001	29·672	29·891	11th	29·392	18th	·299	81·6	93·1	+0·1	77·5	−0·3	85·3	−0·1	15·6	100·8	30th	74·5	24th	26·3
	Yamethin	657	29·083	−·010	29·686	29·197	2nd	28·921	18th	·276	80·0	91·1	−0·8	75·5	+0·2	83·2	−0·3	15·6	95·8	3rd & 17th.	72·0	24th	23·8
	Mandalay	250	29·477	+·002	29·673	29·623	11th	29·320	18th	·303	82·0	93·7	−1·3	77·9	−0·6	85·8	−0·9	15·8	99·0	29th	76·1	8 days	22·9
	Monywa	*280*	29·443		29·671	29·588	2nd	29·284	18th	·304	81·4	93·2		78·7		85·9		14·5	100·8	30th	75·1	1st	25·7
	Lashio	*2,820*	26·979	−·013	29·654	27·128	11th	26·855	18th	·273	74·9	82·3	−3·2	70·1	+0·8	76·2	−1·2	12·2	87·3	17th	67·0	10th	20·3
	Bhamo	*381*	29·332	+·005	29·669	29·516	11th	29·206	17th	·310	78·4	87·5	−3·0	73·2	−1·7	80·4	−2·3	14·3	93·9	18th	69·1	14th	24·8
	Myitkyina	458	29·231		29·654	29·433	11th	29·107	17th	·326	77·2	85·1		73·6		79·4		11·5	94·2	2nd	68·5	14th	25·7
	II.—Eastern Bengal and Assam.																						
4	Dibrugarh	353	29·316		29·629	29·471	11th	29·113	18th	·358	78·4	86·4		75·7		81·0		10·7	96·4	19th	72·1	13th, 14th & 29th.	24·3
	Sibsagar	333	29·338	−·013	29·628	29·490	11th	29·130	18th	·360	79·9	87·3	−2·0	76·4	0	81·9	−1·0	10·9	94·6	19th	72·0	12th	22·6
	Tezpur	252	29·405		29·614	29·544	2nd	29·195	18th	·349	80·2	89·4		77·1		83·3		12·3	97·1	3rd	72·9	12th	24·2
	Gauhati	195	29·453		29·603	29·618	2nd	29·234	18th	·384	81·3	89·5		77·1		83·3		12·4	97·8	11th	71·1	15th	26·7
	Dhubri	115	29·518	−·018	29·588	29·695	2nd	29·302	18th	·396	79·9	84·9	−0·8	76·4	0	80·7	−0·4	8·5	92·5	9th	72·6	13th, 14th & 15th.	19·9
	Silchar †	104	29·557	−·030	29·613	29·735	3rd	29·301	18th	·434	80·7	89·1	−0·3	76·8	+0·6	82·9	+0·1	12·3	97·3	18th	72·3	14th	25·0
5	Cox's Bazar	36	29·635		29·615	29·771	4th	29·355	18th	·416	80·9	85·9		76·8		81·3		9·1	91·7	10th	74·2	12th	17·5
	Chittagong	87	29·588	−·009	29·620	29·756	2nd	29·313	18th	·443	80·9	86·6	0	76·5	−0·1	81·6	−0·1	10·1	93·0	10th	74·0	17th	19·0
	Noakhali	43	29·605		29·595	29·787	2nd	29·352	18th	·435	81·3	85·9		77·7		81·8		8·2	90·3	10th & 11th.	72·4	6th	17·9
	Barisal	12	29·611	−·023	29·571	29·792	3rd	29·352	18th	·440	82·0	87·7	−1·0	77·8	−0·4	82·7	−0·7	9·9	92·3	5th	73·6	6th	18·7
	Comilla	36	29·604		29·583	29·799	2nd	29·356	18th	·443	81·4	87·4		77·7		82·6		9·7	93·3	10th	75·3	18th	18·0
	Narayanganj	26	29·593	−·021	29·568	29·788	2nd	29·354	18th	·434	82·4	88·5	−0·5	78·5	+0·2	83·5	−0·1	10·0	93·5	11th	74·8	29th	18·7
	Faridpur	46	29·565		29·561	29·765	2nd	29·342	19th	·423	82·3	88·5		78·1		83·3		10·4	93·3	29th	74·9	6th & 15th.	18·4
	Sirajganj	49	29·565		29·561	29·772	2nd	29·356	18th	·416	81·5	87·7		77·9		82·8		9·8	97·9	30th	74·3	14th	23·6
	Mymensingh	63	29·570	−·028	29·584	29·773	2nd	29·344	18th	·429	81·8	87·4	+0·1	77·9	+1·0	82·7	+0·5	9·5	93·1	11th	74·1	14th, 15th & 30th.	19·0
	Bogra	75	29·539	−·022	29·565	29·745	2nd	29·349	18th	·396	81·4	88·1	−1·7	77·6	+0·4	82·9	−0·7	10·5	95·2	29th	73·2	6th & 15th.	22·0
	Rampur Boalia	70	29·527		29·547	29·744	2nd	29·314	19th	·430	82·3	89·4		78·4		83·9		11·0	96·1	5th	72·1	15th	24·0
	Malda	72	29·510		29·533	29·724	2nd	29·318	19th	·405	82·0	88·8		77·7		83·2		11·1	97·3	29th	71·5	15th	25·8
	Dinajpur	123	29·467	−·031	29·541	29·669	2nd	29·296	19th	·373	80·6	88·3	−1·2	77·4	−0·1	82·9	−0·7	10·9	96·8	30th	71·0	6th	25·8
	Rangpur	123	29·501		29·579	29·700	2nd	29·305	18th	·395	81·5	87·7		77·0		82·3		10·7	95·1	29th	72·0	6th & 15th	23·1

† Mean of 28 days.

N.B.—Elevations in italics indicate barometrical determinations.

NOTE.—The barometric readings are not reduced to sea-level, in the case of hill or plateau stations, the elevations of which exceed 1,200 feet.

B.

stations in India, etc., in June, 1911.

Wind direction. Number of winds from: Calm. (25)	N. (26)	N.E. (27)	E. (28)	S.E. (29)	S. (30)	S.W. (31)	W. (32)	N.W. (33)	Resultant direction. (34)	Normal direction. (35)	Wind velocity. Mean velocity, miles per hour. (36)	Normal. (37)	Departure from normal. (38)	Wind steadiness. Actual percentage. (39)	Departure from normal. (40)	Hygrometry, 8 hrs. Mean humidity at 8 hrs. (41)	Departure from normal. (42)	Mean vapour tension at 8 hrs. in inches of mercury. (43)	Departure from normal in inches of mercury. (44)	Cloud. Mean cloud amount at 8 hrs. (45)	Departure from normal. (46)	Rainfall. Number of rainy days. (47)	Normal number of rainy days. (48)	Departure from normal. (49)	Rainfall of month. (50)	Normal rainfall of month. (51)	Departure from normal. (52)	Total rainfall from 1st May to 30th June, 1911. (53)	Normal rainfall for period, 1st May to 30th June. (54)	Departure from normal of period, 1st May to 30th June, 1911. (55)	Heaviest rainfall during month. (56)	Station. (57)
																																I.—Burma.
	1		1	8	5	9	5	1	S 19° W					53		88		·879		7·1		23			27·88			43·01			3·24	Victoria Point.
18	1		2		1	8			S 33° W	S 79° W	7·8	1·8	+5·8	23	−34	93	+ 2	·868	−·026	8·1	+0·8	24	24·20	−0·20	35·95	29·29	+6·66	50·46	47·49	+2·97	3·85	Mergui.
25						5			S 45° W	S 55° W	2·4*	2·1	+0·3	13	− 2	90	− 2	·867	−·021	7·8	+0·2	23	25·80	−2·80	42·64	42·67	−0·03	55·82	68·16	−12·34	5·29	Tavoy.
8	1	1	9	2	3	5	1		S 47° E	S 14° E	4·9	3·7	+1·2	30	−22	94	+ 2	·894	+·004	9·6	+1·7	27	26·10	+0·90	47·93	35·52	+12·41	67·35	56·41	+10·94	7·85	Moulmein.
15				1	8	6			S 15° W	S 37° W	2·5	5·1	−2·6	43	−24	89	− 4	·914	−·014	9·3	+0·5	26	24·80	+1·20	22·85	17·57	+5·28	32·22	29·80	+2·42	2·37	Rangoon.
29				1					S 45° E	S 13° W	4·6	4·6	0	3	−56	93	+ 1	·950	+·011	8·7	+0·7	20	24·50	−4·50	19·92	22·99	−3·07	21·12	33·26	−12·14	3·43	Bassein.
			1	2	4	19	4		S 38° W	S 39° W	13·1	9·3	+3·5	79	+ 9	84	+ 1	·943	+ 040	8·3	−0·1	21	21·73	−0·73	29·68	23·77	+5·91	34·85	34·93	−0·08	6·94	Diamond Island.
3				12	12	3			S 16° E	S 32° E	4·2	5·1	−0·9	79	− 6	88	− 2	·922	−·004	7·2	−1·7	23	20·80	+2·20	11·44	14·35	−2·91	23·94	21·33	+2·61	1·92	Toungoo.
			1	18	4	6	1		S 22° E		6·5*			72		89		·918		8·2		26			38·24			49·06			3·75	Kyaukpyu.
7		1	2	8	8	3	1		S 19° E	S 48° E	5·5	3·8	+1·7	53	+ 1	93	0	·953	−·019	8·4	−0·6	27	24·40	+2·60	47·43	45·06	+2·37	63·16	56·68	+6·48	4·73	Akyab.
2				1	16	11			S 16° W	S 6° E	3·2*	7·7	−4·5	82	−11	85	+ 2	·910	+·036	9·5	+1·2	13	13·90	−0·90	5·66	6·55	−0·89	6·94	11·08	−4·14	1·14	Thayetmyo.
				22	8				S 38° E	S 48° E	6·5	11·7	−5·2	89	+18	80	− 2	·860	−·030	7·7	+2·0	10	9·10	+0·90	4·86	5·55	−0·69	7·90	10·55	−2·65	1·75	Minbu.
				16	14				S 24° E	S 29° E	6·6	9·9	−3·3	92	+ 6	81	0	·827	−·023	6·2	+1·0	9	7·40	+1·60	4·02	5·09	−1·07	6·70	11·24	−4·54	1·15	Yamethin.
1		1	1	16	10	1			S 30° E	S 1° W	7·5	8·8	−1·3	79	+ 7	78	+ 3	·836	−·030	5·3	−1·3	14	6·50	+7·50	10·10	5·38	+4·72	18·79	11·03	+7·76	3·28	Mandalay.
5			1	18	6				S 36° E		5·8			76		83		·892		9·3		9	6·80	+2·20	4·16	4·63	−0·47	11·21	10·57	+0·64	1·22	Monywa.
2	2	3		4	7	10	1	1	S 17° W		4·3*			43		86	− 1	·717	−·013	8·5	+0·3	15			8·01	10·87	−2·86	17·41	16·92	+0·49	2·07	Lashio.
27	1	2							N 31° E	N 81° W	1·6	2·4	−0·8	7	− 3	92	+ 3	·897	+·011	10·0	+2·4	19	19·10	−0·10	13·63	14·41	−0·73	22·37	20·21	+2·16	3·74	Bhamo.
25		2		1	1	1			S 52° E		1·0			3		91		·847		7·9		23			23·34	13·91	+9·43	34·75	19·33	+15·42	4·06	Myitkyina.
																																II.—Eastern Bengal and Assam.
19		4	5	1			1		N 74° E		1·4			23		92		·894		8·3		16	18·10	−2·10	17·22	18·97	−1·75	34·93	28·19	+6·74	2·86	Dibrugarh.
3	5	11			2	2	4		N 13° E	N 70° E	3·4	2·8	+0·6	56	+31	88	− 4	·893	−·045	8·4	−0·4	15	16·70	−1·70	12·86	14·20	−1·34	27·95	25·97	+1·99	3·98	Sibsagar.
14		13	1		2				N 43° E		3·7			40		87		·885		8·1		16	16·00	0	13·54	11·35	+2·19	26·34	19·60	+6·74	2·59	Tezpur.
20	3	4	1	1	1				N 41° E		2·4			20		86		·913		7·5		12	14·50	−2·50	12·15	14·73	−2·58	22·52	24·18	−1·66	3·72	Gauhati.
1	1	10	12		2	3	1		N 75° E	N 77° E	10·3	5·7	+4·6	53	+ 9	90	− 1	·923	+ 021	7·7	−0·4	20	18·10	+1·90	17·63	24·20	−6·37	33·27	39·14	−5·87	3·56	Dhubri.
21		7							N 45° E	N 85° E	2·4	2·8	−0·4	29	+24	89	0	·940	+·017	6·0	−3·0	21	21·10	−0·10	16·18	22·27	−6·09	37·94	37·49	+0·45	3·15	Silchar.
			5	11	11	2	1		S 27° E		7·7			73		90		·947		6·1		22			35·32			52·43			4·63	Cox's Bazar.
3			3	19	1	4			S 38° E	S 44° E	3·2	7·0	−3·8	69	− 5	86	0	·907	−·015	7·8	0	25	16·74	+8·26	24·25	20·39	+3·86	38·59	29·70	+8·89	2·41	Chittagong.
	1		3	18	7	1			S 39° E		7·6			83		88		·943		6·6		23	18·39	+4·61	37·30	20·98	+16·32	53·63	32·64	+20·99	5·60	Noakhali.
11			4	4	9	2			S 22° E	S 17° E	2·6	4·4	−1·8	46	+ 5	87	0	·942	−·042	8·4	+0·3	18	16·52	+1·48	18·62	15·38	+3·24	36·35	24·27	+12·08	3·19	Barisal.
2		1	1	25	1				S 47° E		2·5			87		89		·960		5·9		23	17·39	+5·61	13·70	17·60	−3·90	34·13	28·90	+5·23	2·11	Comilla.
2		1	7	5	11	3	1		S 27° E	S 32° E	7·1	7·6	−0·5	59	−11	87	− 2	·963	−·019	8·2	−0·3	18	15·39	+2·61	20·00	12·62	+7·38	48·72	21·56	+25·16	3·39	Narayanganj.
1	1		4	10	13	1			S 29° E		5·1			77		88		·975		7·6		19	14·28	+4·72	11·28	13·16	−1·90	29·51	21·70	+7·81	2·38	Faridpur.
4			9	5	9	2		1	S 38° E		5·0*			53		91		·967		8·1		19	13·32	+5·68	15·08	12·24	+2·84	27·68	20·35	+7·33	1·55	Sirajganj.
12			7	10		1			S 59° E	S 61° E	2·5	4·0	−1·5	49	−18	89	− 1	·964	+·027	8·6	+1·0	21	18·19	+2·81	14·89	18·74	−3·85	38·09	31·77	+6·32	3·12	Mymensingh.
9	1	5	6	3	4	1		1	S 81° E	S 66° E	3·1	4·0	−0·9	33	−34	87	− 1	·916	−·006	8·3	+1·6	20	14·35	+5·65	15·52	13·23	+2·29	24·76	21·57	+3·19	3·35	Bogra.
18		1	1	3	4	3			S 38° E		4·1			53		86		·951		7·5		17	12·58	+4·42	17·77	10·15	+7·61	21·50	15·85	+5·65	3·64	Rampur Boalia.
	1	6	5	11	4	2		1	S 65° E		7·0*			53		88		·960		4·9		16	12·16	+3·84	19·47	9·32	+10·15	23·54	13·80	+9·74	3·50	Malda.
1	1	8	13	5	1			1	N 83° E	S 78° E	4·9	4·4	+0·5	69	− 5	88	− 1	·921	−·007	7·8	−0·2	19	13·45	+5·55	14·22	13·69	+0·54	23·94	21·18	+2·74	1·90	Dinajpur.
2	1	9	9	3	3	2	1		N 85° E		5·6			50		87		·921		7·8		19	15·61	+3·39	15·12	17·27	−2·15	26·63	28·55	−1·89	2·33	Rangpur.

* Uncorrected for scale error.

Tabl

(2) *Abstract of observations taken at 8 hrs. at 242 statior*

Number of subdivision.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	II.—Eastern Bengal and Assam—*concld.*																						
5	Jalpaiguri	283	29·344	—·025	29·583	29·528	2nd	29·155	18th	·373	80·7	89·6	+1·7	76·7	+1·5	83·1	+1·6	12·9	97·4	11th	72·4	6th	25·0
	Cooch Behar	156	29·473		29·588	29·657	2nd	29·269	18th	·388	79·9	87·0		76·5		81·8		10·5	94·8	11th	72·6	4 days	22·2
	III.—Bengal.																						
6	Saugor Island	25	29·550	—·033	29·520	29·736	3rd	29·304	19th	·432	84·1	88·9	—1·5	80·6	—1·1	84·8	—1·3	8·3	92·0	4 days	76·0	6th	16·0
	Midnapore	149	29·425		29·520	29·620	2nd	29·161	19th	·459	82·6	91·4		78·3		84·8		13·1	100·3	29th	73·2	6th	27·1
	Calcutta	21	29·560	—·026	29·528	29·759	3rd	29·306	19th	·453	83·0	90·5	—0·6	78·9	+0·4	84·7	—0·1	11·6	96·4	29th	73·5	15th	22·9
	Jessore	33	29·562	—·027	29·542	29·765	3rd	29·321	19th	·444	82·4	89·4	—2·1	77·7	—1·1	83·6	—1·6	11·7	96·0	6th	73·2	1st	22·8
	Krishnagar	47	29·544		29·539	29·718	3rd	29·285	19th	·463	82·0	91·0		78·9		85·0		12·1	96·4	6th & 29th.	74·0	15th	22·4
	Burdwan	99	29·473	—·033	29·520	29·694	2nd	29·216	19th	·478	81·9	91·4	—2·4	78·6	—0·7	85·0	—1·5	12·8	99·4	29th	73·8	15th	25·6
	Bankura	313	29·246		29·508	29·462	2nd	28·963	19th	·499	81·8	91·8		78·2		85·0		13·6	103·1	6th & 29th.	72·7	15th	30·4
	Raniganj	334	29·238		29·523	29·447	3rd	28·985	19th	·462	81·3	91·6		78·5		85·0		13·1	104·5	6th	72·5	15th	32·0
	Berhampore	67	29·517	—·028	29·533	29·736	2nd	29·283	19th	·453	81·5	90·0	—2·4	78·4	—0·1	84·2	—1·3	11·6	98·6	5th & 6th	72·7	15th	25·9
	Naya Dumka	489	29·083	—·008	29·502	29·291	2nd	28·865	19th	·426	81·0	91·1	—2·9	77·4	—1·3	84·3	—2·1	13·7	100·4	2nd & 29th.	71·5	15th	28·9
7	Balasore	50	29·531	—·022	29·526	29·723	3rd	29·287	19th	·436	83·1	90·9	—1·0	78·5	—0·1	84·7	—0·5	12·4	98·4	6th & 28th.	74·6	6th	23·8
	False Point	21	29·575	—·026	29·539	29·733	3rd	29·335	18th	·398	83·6	88·8	—1·5	78·5	—1·6	83·7	—1·5	10·3	96·2	28th	72·6	6th	23·6
	Cuttack	80	29·517	—·015	29·538	29·670	3rd	29·304	11th	·366	82·2	90·8	—4·7	78·3	—1·8	84·5	—3·3	12·5	98·9	6th	74·2	25th	24·7
	Puri	24	29·583		29·546	29·727	3rd	29·353	11th	·374	83·8	89·3		79·8		84·5		9·5	95·1	15th	74·1	6th	21·0
	Angul	455	29·146		29·558	29·300	3rd	28·889	11th	·411	80·9	89·9		77·1		83·5		12·8	103·1	6th	72·0	7th & 25th.	31·1
	Sambalpur	486	29·120	—·009	29·552	29·251	3rd	28·843	11th	·408	81·3	91·1	—6·2	78·6	—2·1	84·9	—4·1	12·5	106·6	1st	74·6	7th	32·9
8	Chaibassa	*733*	28·812	—·046	29·490	29·009	2nd	28·563	20th	·446	81·2	91·9	—4·6	77·4	—1·3	84·7	—2·9	14·5	106·1	6th	72·3	1st	33·8
	Ranchi	2,128	27·475	—·023	29·496	27·662	2nd	27·254	20th	·408	77·6	86·9	—4·2	74·0	—0·6	80·5	—2·4	12·9	98·2	6th	68·9	14th	29·3
	Purulia	*816*	28·740‡		29·501	28·950	2nd & 3rd.	28·508	19th	·442	79·1	92·2		76·5		84·3		15·7	103·5	6th	71·1	14th & 15th.	32·4
	Hazaribagh	2,007	27·603	—·004	29·512	27·773	2nd	27·397	20th	·376	78·8	87·6	—4·9	74·2	—1·6	80·9	—3·3	13·4	93·6	5th	69·0	14th	30·6
	Daltonganj	*730*	28·839		29·518	28·997	2nd	28·637	20th	·360	83·0	94·0		79·8		86·9		14·2	108·1	6th	73·5	14th	34·6
9	Purnea	134	29·463	—·017	29·551	29·669	2nd	29·287	19th	·382	81·7	90·8	—1·3	77·9	+0·6	84·3	—0·3	12·9	100·6	3rd & 4th	72·7	14th	27·9
	Bhagalpur	160	29·415		29·527	29·621	2nd	29·234	19th	·387	82·2	90·5		78·2		84·4		12·3	102·2	4th	72·8	14th	29·4
	Monghyr	155	29·415		29·520	29·610	2nd	29·229	19th	·381	83·1	90·9		78·3		84·6		12·6	103·7	5th	72·9	15th & 16th.	30·8
	Darbhanga	165	29·416	—·019	29·535	29·606	2nd	29·253	18th	·353	82·6	90·5	—1·9	77·8	—1·4	84·2	—1·7	12·7	99·6	5th	71·7	14th	27·9
	Pusa	188	29·397		29·537	29·588	2nd	29·247	18th	·341	83·3	92·7		77·3		85·0		15·4	104·4	5th	71·6	14th	32·8
	Muzaffarpur	177	29·411		29·543	29·599	2nd	29·253	19th	·346	83·4	92·2		78·1		85·1		14·1	102·7	5th	72·5	14th	30·2
	Motihari	221	29·362		29·542	29·551	2nd	29·225	21st	·326	82·9	91·8		79·0		85·4		12·8	100·6	5th	72·8	6th	27·8
	Chapra	181	29·388		29·522	29·571	2nd	29·241	20th	·330	83·3	93·3		79·5		86·4		13·8	106·8	5th	74·3	14th	32·5
	Patna	183	29·387	—·016	29·524	29·568	2nd	29·231	20th	·337	83·8	91·4	—5·0	79·3	—0·7	85·3	—2·9	12·1	104·0	5th	74·2	14th	29·8
	Arrah	190	29·373		29·514	29·551	2nd	29·221	20th	·330	83·7	92·5		79·9		86·2		12·6	105·1	5th	75·3	12th & 25th.	30·8
	Buxar	239	29·319		29·512	29·485	2nd	29·180	21st	·305	83·9	94·6		79·6		87·1		15·0	107·5	5th	71·1	6th	36·4
	Dehri	351	29·202		29·503	29·365	2nd	29·032	20th	·333	84·4	94·2		80·1		87·2		14·1	106·3	3rd & 5th	67·5	12th	38·8
	Gaya	372	29·187	—·018	29·510	29·352	3rd	29·014	20th	·338	84·4	94·3	—5·2	80·7	+0·5	87·5	—2·4	13·6	106·9	5th	74·2	14th	32·7
	IV.—United Provinces of Agra and Oudh.																						
10	Gorakhpur	257	29·320	+·005	29·532	29·479	3rd	29·182	18th & 19th.	·297	84·7	95·5	—1·4	78·4	—1·3	86·9	—1·3	17·1	105·6	5th	72·3	6th	33·3
	Benares	267	29·299	+·002	29·515	29·442	2nd	29·163	18th	·279	85·5	97·8	—2·3	81·4	—0·5	89·6	—1·4	16·4	110·1	5th & 6th	74·1	14th	36·0
	Allahabad	309	29·253	+·001	29·511	29·388	1st	29·104	19th	·284	88·3	100·6	—1·1	82·4	—0·1	91·5	—0·6	18·2	111·6	5th	75·0	13th	38·6

N.B.—Elevations in italics indicate barometrical determinations.

‡ Mean of 28 days.

NOTE.—The barometric readings are not reduced to sea-level in the cases of hill or plateau stations the elevations of which exceed 3,200 feet.

B—*continued.*

in India, etc., in June, 1911—continued.

Wind direction. Number of winds from: Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Resultant direction.	Normal direction.	Wind velocity. Mean velocity, miles per hour.	Normal.	Departure from normal.	Wind steadiness. Actual percentage.	Departure from normal.	Hygrometry, 8 hrs. Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs. in inches of mercury.	Departure from normal, in inches of mercury.	Cloud. Mean cloud amount at 8 hrs.	Departure from normal.	Rainfall. Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st May to 30th June, 1911.	Normal rainfall for period, 1st May to 30th June.	Departure from normal of period, 1st May to 30th June, 1911.	Heaviest rainfall during month.	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	54	55	56	57
																																II.—Eastern Bengal and Assam—*concld.*
14		5	7	4					N 87° E	S 86° E	3·7			43	−15	86	− 3	·914	+ ·007	6·1	+0·9	19	18·66	+0·34	21·28	23·68	− 2·40	35·92	35·07	+0·85	4·40	Jalpaiguri.
5		9	11	4	1				N 81° E		4·1			67		91		·927		8·2		22	19·24	+2·76	32·19	33·45	− 1·26	50·57	49·89	+0·68	5·50	Cooch Behar.
																																III.—Bengal.
		4	3	2	7	11	1	2	S 14° W	S 11° W	19·5	15·9	+3·6	40	−19	85	0	·990	−·024	7·9	−0·6	13	12·10	+0·90	11·30	10·53	+0·77	14·68	15·01	−0·33	2·39	Saugor Island.
1	5	2	2		17	2		1	S 5° E		3·9			37		81		·895		6·8		12	12·00	0	10·44	9·74	+0·70	15·27	14·79	+0·48	3·15	Midnapore.
1		1	5	6	6	7	3	1	S 5° E	S 4° E	6·8*	5·9	+0·9	46	− 2	84	− 1	·949	−·023	7·3	0	13	12·88	+0·12	11·07	11·43	−0·36	14·16	17·17	−3·01	1·72	Calcutta.
15		1	4	1	5			1	S 47° E	S 27° E	2·5	4·5	−2·0	30	−22	85	− 3	·919	−·060	7·8	−0·1	17	14·55	+2·45	13·71	12·33	+1·38	21·12	20·38	+0·74	2·01	Jessore.
19				3	6	1	1		S 3° E		0·9			30		88		·959		8·3		14	12·19	+1·81	11·02	9·87	+4·15	28·95	16·47	+12·48	2·58	Krishnagar.
1	3	4	4	1	6	8	2	1	S 8° W	S 4° E	3·7	4·9	−1·2	20	−24	87	+ 5	·940	+ ·008	9·1	+1·6	15	12·71	+2·29	10·29	9·59	+0·70	14·37	15·95	−1·58	2·12	Burdwan.
15		1	2	3	3	2	3	1	S 3° W		5·3			15		78		·830		3·7		15	11·89	+3·11	16·27	10·74	+5·53	18·79	14·98	+3·81	2·91	Bankura.
16	2	3	5	3				1	N 72° E		3·1			30		85		·913		7·4		16	12·21	+3·79	15·34	9·23	+6·11	15·59	13·18	+3·41	5·25	Raniganj.
1	4	9	3	10	2	1			S 50° E	S 36° E	5·7	4·7	+1·0	49	− 3	83	− 1	·941	−·031	9·0	+0·9	15	12·00	+3·00	19·63	9·33	+10·30	22·97	14·57	+8·40	5·97	Berhampore.
15	1		4	5	5				S 45° E		4·1‖			33		82		·883		6·4		13	12·03	+0·97	24·75	9·91	+14·84	26·49	13·37	+13·12	5·60	Naya Dumka.
1	4	5			2	16	1	1	S 62° W	S 32° W	5·4	7·2	−1·8	33	−26	79	− 6	·884	−·098	6·7	−1·3	12	11·00	+1·00	8·44	9·66	−1·22	10·97	14·41	−3·44	2·56	Balasore.
1	1		2	1	1	13	10	1	S 82° W	S 43° W	13·1	12·5	+0·6	62	− 5	82	− 2	·935	−·061	7·5	−0·5	12	9·27	+2·73	10·35	8·42	+1·93	12·72	12·77	−0·05	2·51	False Point.
4		2	2		2	9	9	2	S 67° W	S 47° W	4·1*	4·0	+0·1	46	−13	81	+ 3	·899	−·014	7·3	+0·3	14	11·26	+2·74	15·01	9·84	+5·17	17·18	13·83	+3·35	3·88	Cuttack.
4	3		1		2	17	2	1	S 51° W		10·9			57		84		·860		6·4		8	8·11	−0·11	13·41	7·03	+6·38	15·02	9·76	+5·26	4·08	Puri.
3	2	3	2	4	3	2	6	5	N 84° W		8·9			14		81		·847		5·6		11			17·10	8·09	+9·01	19·08	9·63	+9·45	3·98	Angul.
		2	1	1	2	19	3	2	S 48° W	S 23° W	6·3	5·2	+1·1	62	+ 4	78	+ 4	·850	−·009	7·6	+1·0	14	10·40	+3·60	13·50	10·33	+3·14	14·65	11·67	+2·98	2·25	Sambalpur.
7		1	1		3	13	5		S 47° W	S 52° W	5·0	2·9	+2·1	53	+12	79	+ 4	·840	−·030	7·9	+2·1	13	11·29	+1·71	10·50	8·46	+2·14	11·83	11·80	+0·03	3·22	Chaibassa.
1	3	1	3	2	4	4	9	3	S 74° W	S 42° W	9·3	8·7	+0·6	30	−14	80	+ 4	·756	−·006	7·0	+1·1	15	12·47	+2·53	13·05	9·13	+3·92	14·44	11·42	+3·02	3·00	Ranchi.
4	1	5	3	2	5	3	6	1	S 16° W		4·5			10		88		·872		5·2		10	12·35	−2·39	10·68	7·42	+3·26	13·98	10·16	+3·82	3·13	Purulia.
3	3	1	2	2	7	5	3	4	S 44° W	S 27° W	9·3	9·3	0	27	−17	75	+ 3	·715	−·024	5·8	−1·4	15	11·19	+3·81	30·49	8·29	+22·20	30·55	10·43	+20·07	9·81	Hazaribagh.
5	3	2	4	4		7	3	2	S 27° W		6·5			7		77		·855		6·2		14	8·48	+5·52	22·17	5·67	+16·50	22·50	6·18	+16·32	5·20	Daltonganj.
2		14	8	3		1		2	N 65° E	N 84° E	4·9	4·0	+0·9	66	0	87	+ 1	·929	−·003	7·3	+0·5	17	11·50	+5·50	14·05	11·07	+2·98	14·81	15·52	−0·71	3·32	Purnea.
16		9	3	1		1			N 61° E		5·3			33		82		·889		7·5		18	9·90	+8·10	17·29	8·08	+9·21	18·70	11·34	+7·36	3·01	Bhagalpur.
2		3	18	3	1		2	1	S 89° E		7·9			64		83		·927		7·4		13			20·33			21·82			3·75	Monghyr.
2	2	4	17	2			2	1	N 77° E	S 75° E	5·5	6·0	−0·5	62	−15	84	+ 2	·934	+ ·010	6·2	+0·8	17	8·43	+8·57	11·05	8·29	+2·76	13·05	11·15	+1·90	2·30	Darbhanga.
4		6	3	8	1	2			S 70° E†		5·6			40		80		·863		6·0		15			11·79			12·12			2·69	Pusa.
4			12	11			1	2	S 71° E		5·0*			60		80		·893		4·2		13	8·06	+4·94	12·06	7·97	+4·09	12·49	10·51	+1·98	5·55	Muzaffarpur
16		3	11						N 81° E		2·6¶			43		82		·917		5·2		9	9·39	−0·39	10·26	9·47	+0·79	12·46	12·28	+0·18	5·02	Motihari.
?	?	?	?	?	?	?	?		?		?			?		79		·903		6·1		11	7·61	+3·39	7·85	6·25	+1·60	9·81	7·63	+2·18	2·34	Chapra.
4		1	20	1		1	3		S 88° E	S 87° E	9·4	5·6	+3·8	59	− 4	80	+ 3	·918	+ ·007	6·7	+0·9	12	7·81	+4·19	11·98	7·87	+4·11	13·84	9·53	+4·31	3·54	Patna.
2	5	3	8	1	6	1	4		S 87° E		5·9			16		81		·924		6·4		11	7·90	+3·10	7·34	6·50	+0·84	9·52	7·87	+1·65	1·84	Arrah.
2	2	5	12	4		3	2		N 86° E		5·7			47		76		·861		6·4		11	8·06	+2·94	7·56	5·32	+2·24	7·61	5·99	+1·62	2·03	Buxar.
2	1	4	8	4	4	4	1	2	S 63° E		7·1			30		74		·862		4·7		11	8·06	+2·94	10·64	6·21	+4·43	10·61	6·93	+3·71	2·28	Dehri.
5	5	10		2	1	1	4	2	N 12° E	S 63° E	3·6	4·9	−1·3	33	+10	80	+ 5	·930	+ ·014	6·3	+1·0	11	8·32	+2·68	10·01	7·26	+2·75	10·69	8·29	+2·40	2·17	Gaya.
																																IV.—United Provinces of Agra and Oudh.
13	1	9	4	1		1	1		N 57° E	N 81° E	3·1	3·2	−0·1	37	−13	74	− 5	·866	−·040	4·9	0	10	7·70	+2·30	8·34	7·96	+0·38	8·75	9·38	−0·63	3·26	Gorakhpur.
3	3	4	9	5			4	2	N 69° E	S 89° E	4·5	5·2	−0·7	37	+17	71	− 1	·863	+ ·016	5·9	+0·3	8	6·80	+1·20	5·97	5·19	+0·78	5·97	5·70	+0·27	1·63	Benares.
1		6	7	2	2	3	7	2	S 87° E	N 46° E	6·6	8·0	−1·4	7	− 6	60	− 6	·780	−·045	7·1	+1·3	4	6·20	−2·20	2·13	4·92	−2·79	2·13	5·18	−3·05	1·37	Allahabad.

‖ Mean of 29 days.
¶ „ „ 21 „

* Uncorrected for scale error.
† 6 Variable winds.

Tabl

(2) *Abstract of observations taken at 8 hrs. at 242 statio*

Number of subdivision.	Station.	Elevation of barometer above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	IV.—United Provinces of Agra and Oudh—*concld.*																						
10	Cawnpore	416	29·134	—·003	29·495	29·280	3rd	28·994	19th	·286	90·2	104·0	+2·9	84·9	+2·9	94·5	+2·9	19·1	110·2	6th, 7th & 30th	80·9	13th & 18th	29·
	Lucknow	368	29·200	+·007	29·518	29·357	2nd	29·063	19th	·294	89·3	101·7	+1·2	82·5	+1·2	92·2	+1·2	19·2	111·0	6th	75·1	14th	35·
	Bahraich	401	29·160	—·018	29·514	29·337	3rd	29·013	18th	·324	86·3	97·9	+0·5	80·2	+1·0	89·1	+0·7	17·7	106·6	30th	75·0	6th	31·
11	Jhansi	824	28·759	—·007	29·517	28·[illegible]00	3rd	28·638	19th	·262	89·7	103·4	+0·6	83·8	—0·2	93·6	+0·2	19·6	111·5	1st	75·0	18th	36·
	Agra	556	28·992	—·016	29·490	29·154	3rd	28·858	21st	·276	91·7	106·5	+2·2	86·1	+1·6	96·3	+1·9	20·4	111·5	6th & 7th.	77·5	15th	34·
	Mainpuri	516	29·025	—·015	29·485	29·196	3rd	28·902	21st	·294	90·2	105·3	+4·1	84·3	+2·8	94·8	+3·5	21·0	112·3	7th	75·1	18th	37·
	Bareilly	568	28·993	+·003	29·511	29·179	3rd	28·864	19th	·315	87·5	100·1	+0·4	81·2	+1·4	90·7	+0·9	18·9	108·8	4th	73·0	15th	35·
	Meerut	733	28·836	+·014	29·515	29·017	3rd	28·699	21st	·318	88·2	101·5	+0·9	81·2	+0·8	91·3	+0·9	20·3	107·1	1st & 30th.	72·8	15th	34·
	Roorkee	899	28·677	+·014	29·525	28·881	3rd	28·531	19th	·350	85·7	96·8	—3·6	79·0	+0·4	87·9	—1·6	17·8	103·0	11th	71·4	29th	31·
	Dehra Dun	2,233	27·387	—·006	29·511	27·612	3rd	27·242	19th	·370	79·3	89·7	—3·3	73·3	—1·1	81·5	—2·2	16·4	98·0	1st	68·0	27th	30·
	V.—Punjab.																						
12	Delhi	718	28·836	+·001	29·499	29·029	3rd	28·692	21st	·337	90·0	103·4	+0·2	86·0§	+2·6§	96·3§	+1·4	17·4	110·5	1st & 7th.	80·7	4th	29·
	Sirsa	662	28·862	—·010	29·472	29·010	4th	28·718	21st	·292	90·4	106·5	—0·2	83·6	+0·5	95·1	+0·1	22·9	115·8	6th	72·5	27th	43·
	Patiala	*818*	28·719	.	29·488	28·806	2nd	28·590	21st	·276	88·4	100·5		81·0		90·7		19·5	109·4	1st	71·2	4th	38·
	Ambala	892	28·653	—·014	29·489	28·809	3rd	28·508	21st	·301	88·7	102·3	+0·9	81·1	+0·9	91·7	+0·9	21·2	110·5	1st	69·9	4th	40·
	Ludhiana	812	28·734	+·008	29·495	28·910	3rd	28·564	21st	·346	87·2	102·8	—2·0	81·3	+0·6	92·0	—0·7	21·5	113·5	6th	70·5	15th	43·
	Lahore	702	28·811	—·009	29·465	28·957	4th	28·636	21st	·321	89·8	106·3	—1·1	81·8	+2·5	94·1	+0·7	24·5	116·9	7th	71·7	26th	45·
	Sialkot	830	28·696	—·003	29·477	28·850	3rd	28·527	21st	·323	88·7	101·1	—4·4?	79·8	—0·7	90·5	—2·5?	21·3	111·0	1st	69·5	14th, 18th & 26th.	41·
	Rawalpindi	1,674	27·884	—·008	29·464	28·674	3rd	27·724	21st	·350	88·4	103·2	+0·4	76·4	+1·1	89·8	+0·7	26·8	113·4	1st	66·9	27th	46·
13	Khushab	612	28·892†	—·081†	29·458†	29·071	4th	28·719	21st	·352	91·1	106·8	—0·3	83·9	+1·5	95·3	+0·6	22·9	118·4	1st	68·9	15th	49·
	Montgomery	558	28·929	—·016	29·439	29·102	28th	28·784	21st	·318	92·4	108·3	—1·7	84·6‡	+0·5‡	96·9‡	—0·6	23·7	119·4	7th	72·0	26th	47·
	Multan	420	29·063	—·016	29·435	29·250	28th	28·898	21st	·352	91·5	107·7	—0·1	86·5	+2·8	97·1	+1·3	21·2	118·3	6th	75·5	26th	42·
	VI.—North-West Frontier Province.																						
15	Peshawar	1,113	28·415	—·023	29·466	28·606	4th	28·257	21st	·349	89·9	108·7	+2·8	78·1	+0·8	93·4	+1·8	30·6	119·2	7th	68·9	27th	50·
	D. I. Khan	590	28·904	—·025	29·449	29·090	4th	28·720	21st	·370	90·8	107·0	—1·0	82·4	+1·2	94·7	+0·1	24·6	117·4	1st	73·1	26th	44·
	VII.—Sind.																						
17	Jacobabad	186	29·289	—·024	29·429	29·473	28th	29·146	13th	·327	93·9	115·8	+3·1	86·2	+1·8	101·0	+2·5	29·6	126·1	7th	82·8	24th & 30th.	43·
	Hyderabad	96	29·441	—·007	29·438	29·618	3rd	29·298	18th	·320	86·9	103·2	—1·0	81·8	+0·1	92·5	—0·5	21·4	112·0	5th	79·5	25th	32·
	Karachi	13	29·605	+·025	29·569	29·772	28th	29·453	18th	·319	83·0	83·5	—2·4	80·6	—1·9	84·6	—2·1	7·9	91·5	19th	78·0	6th & 7th.	13·
	VIII.—Rajputana.																						
18	Bikaner	*771*	28·766	—·010	29·479	28·931	2nd	28·644	13th	·287	90·3	108·5	+2·0	85·2	+0·1	96·9	+1·1	23·2	116·5	6th & 7th.	77·0	27th	39·
	Jodhpur	780	28·811	—·009	29·537	28·963	28th	28·686	14th	·277	84·6	102·6	—2·5	80·9	—1·8	91·8	—2·1	21·7	111·5	6th	72·8	14th	38·
19	Jaipur	1,431	28·180	+·005	29·526	28·327	2nd	28·076	21st	·251	87·5	103·3	+0·8	81·3	+0·2	92·3	+0·5	22·0	113·2	6th	74·1	17th	39·
	Sambhar	1,254	28·347	+·014	29·523	28·491	3rd	28·248	21st	·243	88·1	104·1	+1·8	82·2	—0·2	93·1	+0·8	21·9	112·4	6th	71·4	14th	41·
	Ajmer	1,611	28·014	0	29·532	28·180	2nd	27·917	14th	·263	85·3	98·7	—1·8	84·0	+3·2?	91·3	+0·7?	14·7	106·9	12th	77·2	14th	29·
	Kotah	819?	28·757	—·011	29·512	28·885	1st	28·646	12th	·239	89·7	104·1	—2·7	81·6	—2·4	94·4	—2·5	19·5	110·5	5th & 10th.	76·1	14th	34·
	Udaipur	1,925	27·745	—·008	29·564	27·872	28th	27·638	12th	·234	83·9	96·2	—2·5	77·8	—1·5	87·0	—2·0	18·4	105·5	3rd & 5th.	73·3	15th & 25th.	32·
	IX.—Bombay.																						
20	Deesa	466	29·192	+·012	29·605	29·337	28th	29·081	11th	·256	85·1	101·7	—0·2	79·5	—1·1	90·6	—0·7	22·2	112·3	5th	73·4	15th	38·
	Bhuj	395	29·257	+·024	29·597	29·408	28th	29·123	18th	·285	85·2	97·2	—0·4	80·1	+0·3	88·7	—0·1	17·1	105·5	5th	77·5	29th & 29th.	28·

N.B.—Elevations in italics indicate barometrical determinations.

NOTE.—The barometric readings are not reduced to sea-level in the cases of hill or plateau stations, the elevations of which exceed 3,200 feet.

† Mean of 29 days.
‡ " 28 "
§ " 13 "

B—*continued.*

in India, etc., in June, 1911—continued.

Wind direction. Number of winds from Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Resultant direction.	Normal direction.	Wind velocity. Mean velocity, miles per hour.	Normal.	Departure from normal.	Wind steadiness. Actual percentage.	Departure from normal.	Hygrometry, 8 hrs. Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs. in inches of mercury.	Departure from normal in inches of mercury.	Cloud. Mean cloud amount at 8 hrs.	Departure from normal.	Rainfall. Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st May to 30th June, 1911.	Normal rainfall for period, 1st May to 30th June.	Departure from normal of period, 1st May to 30th June, 1911.	Heaviest rainfall during month.	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	54	55	56	57
																																IV.—United Provinces of Agra and Oudh—*concld.*
2		2	5	6	4	3	6	2	S 8° E	S 59° E	5·1	5·5	−0·4	23	+ 1	53	−12	·751	−·085	1·5	−3·9	0	5·00	−5·00	0·05	3·21	− 3·16	0·05	3·49	− 3·44	0·34	Cawnpore.
10			11	3	1	2	3		S 63° E	S 89° E	4·0	4·2	−0·2	33	− 3	61	− 8	·831	−·005	3·2	−2·6	2	6·10	−4·10	2·01	4·65	− 2·64	2·01	5·53	− 3·52	1·06	Lucknow.
1	1	3	6	12	2	1	1	3	S 65° E	S 69° E	4·5	4·9	−0·4	46	−14	68	− 7	·841	−·054	2·6	−2·2	7	7·30	−0·30	3·66	6·27	− 2·61	3·66	7·80	−4·14	0·91	Bahraich.
			4	3		11	11	1	S 55° W	N 89° W	8·9	5·5	+3·4	53	+22	57	+ 1	·795	+·064	6·4	+2·9	2	5·80	−3·80	2·11	4·87	− 2·76	2·18	5·22	−3·04	1·49	Jhansi.
1	1	2	5	4	2	5	5	5	S 49° W	S 16° W	8·0	6·5	+1·5	10	−16	53*	− 4	·7881	+·024	3·1	−0·7	1	3·90	−2·90	0·76	2·51	− 1·75	0·76	2·99	−2·23	0·63	Agra.
6	2	2	4	4	2	1	6	3	W	N 80° E	3·7	2·9	+0·8	2	−14	53	−13	·713	−·073	0·2	−4·7	2	4·60	−2·60	2·48	2·91	− 0·46	2·48	3·27	−0·79	2·00	Mainpuri.
26			4						E †	S 56° E	0·4	4·3	−3·9	13	−28	79	+ 9	1·0 3	+·204	6·2	+1·8	2	4·91	−2·91	1·85	5·42	− 3·57	1·85	6·12	−4·27	1·58	Bareilly.
3	7	2	1	10	4		1	1	S 75° E	S 60° E	4·3	2·7	+1·6	27	− 6	56	− 6	·737	−·010	2·3	−1·9	2	4·00	−2·00	1·23	3·24	− 2·01	1·23	3·82	−2·59	0·95	Meerut.
11				18				1	S 45° E	S 41° E	4·0	3·6	+0·4	56	+15	71	+ 8	·865	+·138	3·3	−0·9	7	6·00	+1·00	7·43	5·10	+ 2·33	7·43	5·93	+1·50	2·72	Roorkee.
30									(a)	S 36° E	1·6*	1·7	−0·1			75	+ 5	·751	+·073	4·9	−0·1	14	10·00	+4·00	10·76	8·42	+ 2·34	10·92	9·90	+1·02	1·81	Dehra Dun.
																																V.—Punjab.
4		1	7	5		2	6	5	S 23° E	S 44° E	6·0	4·9	+1·1	2	−11	55	0	·781	+·062	2·2	−2·8	3	4·10	−1·10	3·80	3·10	+ 0·70	3·80	3·73	+0·07	3·35	Delhi.
1	2	5	4	1	7	8	1	1	S 7° E	S 27° W	7·9	7·1	+0·8	23	− 3	55	+ 4	·769	+·059	2·2	−2·3	5	3·20	+1·80	1·96	1·65	+ 0·31	2·09	2·26	−0·17	0·70	Sirsa.
3	2	1	1	13	3		4	3	S 35° E		6·3			30		65		·857		2·0		3			2·07	2·20	− 0·13	2·07	2·83	−0·76	0·88	Patiala.
2	2		11	10		1	1	3	S 76° E	S 61° E	6·2	2·5	+3·7	49	− 3	57	−10	·748	−·051	2·8	−0·2	4	4·30	−0·30	4·18	3·68	+ 0·50	4·18	4·28	−0·10	2·35	Ambala.
10	1	4		9	2	1	2	1	S 52° E	S 37° E	1·5	2·8	−1·3	27	−10	58	+ 2	·732	+·006	2·8	−0·5	4	3·50	+0·50	4·00	2·58	+ 1·42	4·07	3·18	+0·89	2·75	Ludhiana.
5	2	1	4	8	5	1	2	2	S 41° E	S 60° E	3·6	3·5	0	30	0	55	+ 3	·750	+·057	2·0	−0·8	4	2·30	+1·70	2·10	1·84	+ 0·26	2·68	2·51	+0·17	0·94	Lahore.
4	2	4	9	8	1	1		1	S 84° E	N 81° E	3·1	3·1	0	53	+ 9	60	+ 8	·783	+·084	1·7	−0·3	4	3·30	+0·40	2·90	2·56	+ 0·34	2·98	3·65	−0·67	1·16	Sialkot.
13	6	5	1	3	1		1		N 41° E	N 89° E	2·7	2·8	−0·1	27	+ 7	49	− 1	·625	+·005	2·4	−0·4	2	3·30	−1·30	2·23	2·10	+ 0·13	2·23	3·52	−1·29	1·24	Rawalpindi.
2		8	12	3	3	2			S 87° E	N 69° E	7·7	7·1	+0·6	59	+ 7	47	+ 4	·663	+·069	2·0	+0·2	2	1·50	+0·50	4·01	1·41	+ 2·60	4·27	2·18	+2·09	3·00	Khushab.
9		1	2	3	6	8	1		S 8° W	S 3° W	6·0	9·5	−3·5	43	+ 6	44	+ 1	·623	−·044	1·4	−0·1	3	2·00	+1·00	1·31	1·08	+ 0·23	1·51	1·44	+0·07	0·91	Montgomery.
15	1				4	10			S 35° W	S 3° W	1·3	3·3	−2·0	40	+10	53	+10	·832	+·130	2·2	+1·5	2	1·10	+0·90	1·64	0·59	+ 1·05	1·98	0·88	+1·10	1·20	Multan.
																																VI.—North-West Frontier Province.
12	6	2	1		2	1	4	2	N 32° W	N 6° W	2·8	4·4	−1·6	23	+ 1	43	− 1	·585	−·008	1·4	−0·5	0	0·90	−0·90	0·09	0·32	−0·23	0·79	1·25	−0·46	0·05	Peshawar.
12	1	8		4		2		3	N 47° E	N 51° E	2·4	2·5	−0·1	27	+ 1	53	− 3	·747	−·050	2·3	+0·9	2	1·30	+0·70	0·97	0·67	+0·30	1·05	1·09	−0·04	0·84	D. I. Khan.
																																VII.—Sind.
16		1	4	6	1	2			S 51° E	S 51° E	4·3	5·3	−1·0	30	−25	60	+ 9	·932	+·146	0·3	−0·8	0	0·30	−0·30	0	0·16	−0·16	0	0·30	−0·30	0	Jacobabad.
					6	22	2		S 39° W	S 39° W	13·9	17·5	−3·6	86	+ 5	64	+ 3	·820	+·028	3·3	−0·5	0	0·70	−0·70	0	0·53	−0·53	0	0·70	−0·70	0	Hyderabad.
						7	23		S 80° W	S 75° W	17·5	17·5	0	92	+ 6	84	+ 2	·946	−·025	5·9	+0·7	0	0·50	−0·50	0	0·98	−0·98	0	1·04	−1·04	0	Karachi.
																																VIII.—Rajputana.
		1		1	1	6	7	1	S 66° W ‖	S 38° W	12·4	9·4	+3·0	71‖	+ 4	52	− 2	·720	−·054	2·2	−0·1	4	2·10	+1·90	0·91	1·43	− 0·52	0·91	2·07	−1·16	0·35	Bikaner.
				4	22	3	1		S 46° W		8·1			89		63	+ 6	·756		4·1		3	2·60	+0·40	0·95	1·23	− 0·28	0·95	1·48	−0·53	0·61	Jodhpur.
3	1	1	1		1	3	16	4	N 86° W	S 88° W	7·2*	6·8	+0·4	62	+25	59	+ 2	·751	+·043	3·3	−0·9	7	4·40	+2·60	4·57	2·05	+ 2·52	4·57	2·58	+1·99	1·70	Jaipur.
4	1		1	1		1	16	6	N 79° W	N 89° W	9·9	11·1	−1·2	62	+ 3	58	+ 1	·768	+·043	3·4	−0·6	3	3·60	−0·60	2·11	1·46	+ 0·65	2·15	2·11	+0·04	1·52	Sambhar.
1						6	3	20	N 66° W	S 84° W	13·7	9·4	+4·3	74	+ 4	65	+ 4	·797	+·047	3·2	−0·4	4	3·90	+0·10	1·61	2·23	− 0·62	1·65	2·78	−1·13	0·81	Ajmer.
	2			1	1	10	11	3	S 77° W		7·0			62		52	+ 6	·706		2·0		5	6·20	−1·20	2·41	2·70	− 0·29	2·41	3·13	−0·72	0·75	Kotah.
3	2					11	13	1	S 77° W		7·3			69		61	0	·698		3·4		7	5·10	+1·90	3·61	2·74	+ 0·87	3·61	3·53	+0·08	1·21	Udaipur.
																																IX.—Bombay.
																69	+ 1	·821	+·001	6·6	+0·7	4	2·18	+1·82	2·74	1·92	+ 0·82	2·74	2·11	+0·63	1·30	Deesa.
					10	15	5		S 82° W	S 72° W	18·1	17·7	+0·4	82	+ 4	76	+ 5	·919	+·046	7·7	+2·7	0	2·40	−2·40	0	1·87	−1·87	0	1·94	−1·94	0	Bhuj.

(a) Indeterminate. * Uncorrected for scale error. ‖ Mean of 17 days.

Table

(2) Abstract of observations taken at 8 hrs. at 242 stations

Number of subdivision.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of Air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	IX.—Bombay—*concld.*																						
20	Jamnagar	61	29·615		29·621	29·778	28th	29·477	13th	·301	87·4	95·1		79·5		87·2		15·6	98·5	24th	75·4	24th	23·1
	Dwarka	37 ?	29·653	+·015?	29·636	29·807	28th	29·511	13th	·296	83·6	88·2	−0·8	81·4	−0·5	84·8	−0·7	6·8	90·3	10th	77·7	14th	12·6
	Rajkot	429	29·265	+·037	29·638	29·416	28th	29·140	12th	·276	84·3	98·3	−1·5	77·9	+0·3	88·1	−0·6	20·4	103·6	6th & 7th	74·0	10th	29·6
	Veraval	*18*	29·694	+·034	29·655	29·842	28th	29·550	12th	·292	82·0	85·4	−1·0	80·4	−0·6	82·9	−0·8	5·0	88·1	8th	76·3	10th & 11th.	11·8
	Bhavnagar Para	55	29·656	+·003	29·655	29·809	28th	29·518	13th	·291	85·6	99·8	+1·5	80·2	−0·3	89·9	+0·6	19·6	107·7	7th	73·5	11th	34·2
	Surat	39	29·690	+·030	29·672	29·836	28th	29·535	10th	·301	84·5	91·7	−2·0	80·0	+0·7	85·8	−0·7	11·7	99·6	4th	76·1	11th & 14th.	23·5
	Ahmadabad	163	29·513	+·018	29·623	29·649	2nd & 28th.	29·389	12th	·260	84·1	99·6	−0·1	78·5	−2·2	89·2	−1·1	21·1	110·6	5th	72·2	11th	38·4
26	Bombay	37	29·734	+·025	29·711	29·845	28th	29·577	10th	·268	82·6	88·1	+0·5	79·3	+0·4	84·0	+0·5	8·2	93·0	1st, 2nd & 3rd.	76·0	14th	17·0
	Ratnagiri	110	29·691	+·031	29·739	29·795	28th	29·552	10th	·243	81·9	87·0	+0·4	77·7	+0·5	82·4	+0·5	9·3	91·8	1st & 4th.	73·9	12th	17·9
	Goa	199	?	?	?	?	?	?	?	?	80·4	84·1	−1·1	78·3	+0·5	81·2	−0·3	5·8	87·1	6 days	74·1	9th & 10th.	13·0
	Marmagao	*60*	29·768	+·033	29·762	29·845	21th	29·630	10th	·215	82·2	86·6	−0·4	77·4	−0·5	82·0	−0·5	9·2	91·5	7th	73·7	9th, 10th & 14th.	17·8
	Karwar	44	29·802	+·036	29·781	29·877	15th	29·662	10th	·215	80·6	85·5	+0·2	76·4	+0·3	80·9	+0·3	9·1	89·8	3rd	73·0	4 days	16·8
27	Malegaon	1,430	28·297	+·022	29·653	28·409	28th	28·164	10th	·245	81·2	93·9	−1·0	74·7	−0·3	84·3	−0·7	19·2	102·9	1st & 2nd.	71·1	25th	31·8
	Ahmednagar	2,154	27·622	+·029	29·663	27·720	28th	27·492	10th	·228	78·3	90·4	0	71·4	−0·9	80·8	−0·5	19·0	100·1	2nd	67·0	26th	33·1
	Poona	1,846	27·930	+·025	29·700	28·025	28th	27·809	11th	·216	76·3	87·7	−1·5	72·3	−0·3	80·0	−0·9	15·4	98·0	3rd	68·3	25th	29·7
	Sholapur	1,590	28·177	+·012	29·689	28·271	28th	28·046	10th	·225	78·9	94·1	−0·7	73·2‖	0 ‖	83·7‖	−0·3	20·9	101·8	2nd & 3rd	69·9	25th	31·9
	Bijapur	*1,948*	27·815	+·033	29·704	27·923	28th	27·725	11th	·198	77·0	91·6	+1·1	72·1	−0·1	81·9	+0·5	19·5	99·2	2nd	68·2	25th	31·0
	Belgaum	2,539	27·281	+·030	29·722	27·362	15th	27·150	10th	·212	72·5	80·6	−0·2	68·0	−0·1	74·3	−0·1	12·6	92·3	3rd	65·0	25th	27·3
	X.—Central India.																						
21	Neemuch	1,624	28·032	+·007	29·571	28·154	28th	27·937	12th	·217	81·5	97·2	−1·1	76·5	−0·8	86·8	−0·9	20·7	105·9	3rd & 10th.	71·2	15th	34·7
	Indore	1,823	27·860	+·014	29·606	27·989	28th	27·750	11th	·239	79·2	92·3	−2·1	74·5	−0·8	83·4	−1·5	17·8	100·6	5th	70·1	1st	30·5
22	Nowgong	754	28·834	+·005	29·527	28·932	3rd	28·724	19th	·238	87·1	100·3	−1·3	81·9	−0·5	91·1	−0·9	18·4	110·5	6th	75·0	15th	35·5
	Sutna	1,041	28·536	+·001	29·509	28·675	1st	28·409	19th	·266	85·9	97·4	−1·3	81·2	+0·1	89·2	−0·6	16·2	108·8	1st	73·8	16th	35·0
	XI.—Central Provinces.																						
23	Buldana	2,132	27·611		29·673	27·727	28th	27·499	11th	·258	78·1	90·8		73·1		81·9		17·7	100·2	3rd	69·5	25th	30·7
	Akola	930	28·767	+·022	29·634	28·875	28th	28·635	11th	·240	82·6	97·3	−0·9	77·1	−0·6	87·3	−0·7	20·2	105·2	1st & 4th	70·1	23rd	35·1
	Amraoti	1,215	28·459?	+·016?	29·588?	28·579	26th	28·335	11th	·244	81·9	95·9	−1·3	76·8	0	86·4	−0·7	19·1	105·3	1st	72·3	12th & 13th.	33·0
24	Khandwa	1,044	28·647	+·025	29·630	28·756	23th	28·509	11th	·247	81·8	96·1	−1·5	78·1	−0·6	87·1	−1·1	18·0	105·2	5th	75·1	6th, 9th & 10th.	30·1
	Hoshangabad	1,000	28·635	+·014	29·598	28·768	28th	28·531	11th	·237	82·4	97·2	−0·9	77·3	−1·7	87·3	−1·3	19·9	106·1	1st & 6th	71·9	1st	34·2
	Saugor	1,807	27·826	+·002	29·541	27·947	28th	27·714	12th	·233	80·9	93·8	−4·0	75·1	−2·5	84·4	−3·3	18·7	105·6	6th	69·1	21st	36·5
	Jubbulpore	1,327	28·287	0	29·542	28·411	1st	28·137	12th	·274	81·1	93·8	−3·1	76·8	−1·6	85·3	−2·3	17·0	103·8	1st	72·3	21st	31·5
	Seoni	2,033	27·635	+·011	29·570	27·746	28th	27·488	11th	·258	79·9	90·9	−3·3	71·0	−4·5	80·9	−3·9	19·9	103·6	1st	65·5	25th	38·1
	Nagpur	1,017	28·640	+·015	29·591	28·762	26th	28·473	11th	·289	83·2	95·9	−2·4	78·2	−0·3	87·1	−1·3	17·7	109·6	1st	73·3	12th	36·3
25	Pendra	2,123?	27·592		29·512	27·710	2nd	27·406	12th	·304	80·2	89·3		74·7		82·0		14·6	101·8	1st	70·2	10th & 22nd.	31·6
	Raipur	970	28·658	+·007	29·566	28·767	26th	28·472	11th	·295	81·2	92·8	−4·4	77·2	−1·2	85·0	−2·8	15·6	106·7	1st	72·1	12th	34·6
	Chanda	*684*	29·043	+·020	29·617	29·145	26th	28·908	11th	·237	82·3	96·0	−2·5	77·5	−2·1	86·8	−2·3	18·5	110·0	1st	68·0	13th	42·0
	Jagdalpur	1,813	27·877		29·599	27·970	28th	27·684	11th	·286	79·7	87·4		74·4		80·9		13·0	102·2	1st	71·1	19th	31·1
	XII.—Hyderabad.																						
28	Aurangabad	1,995	27·857	−·002?	29·674	27·966	28th	27·727	11th	·239	78·1	92·1	−2·7	72·1	−0·9	82·1	−1·8	20·0	101·2	2nd	67·2	25th	34·0
	Nizamabad	1,248	28·478		29·656	28·570	26th	28·358	11th	·212	80·0	94·7	−2·3	76·4	−0·7	85·5	−1·5	18·3	108·9	1st	72·7	9th	36·2

N.B.—Elevations in italics indicate barometrical determinations.

NOTE.—The barometric readings are not reduced to sea-level in the cases of hill or plateau

‖ Mean of 29 days.

B—*continued.*

in India, etc., in June, 1911—continued.

Wind direction. Number of winds from: Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Resultant direction.	Normal direction.	Wind velocity. Mean velocity, miles per hour.	Normal.	Departure from normal.	Wind steadiness. Actual percentage.	Departure from normal.	Hygrometry, 8 hrs. Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs. in inches of mercury.	Departure from normal in inches of mercury.	Cloud. Mean cloud amount at 8 hrs.	Departure from normal.	Rainfall. Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st May to 30th June, 1911.	Normal rainfall for period, 1st May to 30th June.	Departure from normal of period, 1st May to 30th June, 1911.	Heaviest rainfall during month.	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	54	55	56	57
																																IX.—Bombay—*concld.*
						12	16	2	S 70° W		19·9			89		68		·883		4·7		1			0·24	1·90	−1·66	0·24	1·92	−1·68	0·19	Jamnagar.
						11	12	1	S 65° W		16·3			83		80	0	·923		6·1		2			0·75	2·39	−1·64	0·75	2·40	−1·65	0·51	Dwarka.
						15	13	2	S 70° W	S 81° W	19·3	14·1	+5·2	86	+12	71	−3	·822	−·053	6·8	+1·2	5	5·30	−0·30	2·12	4·16	−2·04	2·37	4·33	−1·96	1·42	Rajkot.
3						5	21	1	S 84° W	S 69° W	12·7	11·4	+1·3	82	+13	69	+5	·981	+·017	5·8	−1·1	5	1·30	+0·40	2·75	3·48	−0·73	2·75	3·53	−0·78	0·92	Veraval.
		1				17	8	4	S 69° W	S 48° W	5·9	15·8	−9·9	79	−1	67	−9	·355	−·098	7·0	+0·9	3	5·70	−2·70	3·00	3·48	−0·48	3·00	3·63	−0·63	2·30	Bhavnagar.
1			1	1	5	7	13	2	S 62° W	S 49° W	9·6	13·2	−3·6	66	−4	75	−4	·887	−·031	7·0	+0·1	5	8·70	−3·70	5·43	7·94	−2·51	5·43	8·04	−2·61	3·28	Para. Surat.
3	1			1	5	15	3	2	S 46° W	S 61° W	7·6	7·7	−0·1	66	+7	73	+1	·859	−·017	7·0	+0·8	4	4·80	−0·80	4·40	4·40	0	4·40	4·48	−0·08	1·55	Ahmadabad.
			2	1	4	9	9	5	S 65° W	S 58° W	11·9*	15·2	−3·3	56	+8	82	0	·935	+·006	7·3	−0·6	12	11·70	−5·70	10·85	18·48	−7·63	10·80	19·19	−8·39	2·58	Bombay.
2	2	1	1	1	2	6	11	4	S 84° W	S 60° W	12·0	10·2	+1·8	53	+22	83	0	·894	−·007	7·3	−0·3	17	20·50	−3·50	21·52	29·10	−7·58	21·59	30·27	−8·68	5·20	Ratnagiri.
	4	2	2	2		7	7	6	N 71° W	S 68° W	11·3	9·2	+2·1	37	−11	87	+2	·886	−·024	9·0	+0·9	19			21·21	30·78	−6·57	30·49	32·87	−2·38	7·25	Goa.
	3			2	2	8	10	5	S 82° W	N 76° W	11·0*	10·9	+0·1	59	+10	86	+1	·912	+·007	7·7	+0·9	17			24·82	29·77	−4·95	27·50	31·55	−4·05	7·47	Marmagao.
6	4	2				15		3	S 75° W	S 82° W	6·1	6·0	+0·1	37	−15	85	+2	·888	+·021	7·1	−0·9	19	23·30	−4·30	19·18	38·65	−19·47	21·83	41·33	−19·50	3·90	Karwar.
					1	3	21	5	N 83° W	S 81° W	13·2	14·0	−0·7	80	+16	63	−2	·731	−·023	0·7	−5·5	7	7·70	−0·70	3·38	4·45	−1·07	3·38	5·31	−1·93	1·09	Malegaon.
					1	9	14	6	S 83° W	N 68° W	12·4	16·2	−3·8	82	+27	6	−10	·654	−·031?	4·8	−1·7	5	7·40	−2·40	2·16	5·03	−2·87	2·20	5·72	−3·52	1·28	Ahmadnagar.
2					2	3	22	1	S 82° W	S 82° W	15·8	16·3	−0·5	82	+1	79	+6	·792	−·004	4·2	−3·1	10	8·50	+1·50	4·40	4·51	−0·11	4·20	5·69	−1·29	1·66	Poona.
	1					7	10	12	N 79° W	S 81° W	13·3	13·7	−0·4	76	−1	72	+6	·704	+·034	7·4	+0·7	6	6·20	−0·20	3·85	4·79	−0·94	4·13	5·73	−1·60	1·43	Sholapur.
					1	12	15	2	S 72° W	S 78° W	15·6	9·7	+5·9	83	+7	76	−1	·698	−·023	6·9	−0·1	5	6·20	−1·20	1·62	3·44	−1·82	2·86	4·53	−1·67	0·75	Bijapur.
3	1					11	14	1	S 75° W	S 75° W	11·2§	22·9	−11·7	76	+6	86	−1	·688	−·007	8·1	−0·1	15	14·00	+1·00	8·87	8·38	+0·49	12·25	10·83	+1·42	1·74	Belgaum.
																																X.—Central India.
1	2				4	13	9	1	S 61° W	S 81° W	14·4	13·5	+0·9	69	−5	69	−1	·736	−·047	4·8	+0·4	5	6·20	−1·20	5·92	3·99	+1·93	5·92	4·37	+1·55	4·65	Neemuch.
4						4	16	6	N 87° W	S 87° W	8·3	7·0	+1·3	76	+2	73	+1	·731	−·027	7·3	+1·3	8	7·60	+0·40	4·13	5·64	−1·51	4·13	6·11	−1·98	1·26	Indore.
	1	2	2		1	6	16	2	S 86° W	S 86° W	5·5	4·7	+0·8	59	+11	61	0	·772	+·016	5·5	+0·8	6	7·30	−1·30	4·58	6·47	−1·89	4·77	6·76	−1·99	2·32	Nowgong.
1	2		2	2	1	10	11	1	S 66° W	S 84° W	7·6	9·7	−2·1	53	+21	61	+1	·723	+·009	7·0	+2·4	6	7·20	−1·20	4·70	5·83	−1·13	4·75	6·20	−1·45	3·04	Sutna.
																																XI.—Central Provinces.
					2	5	15	8	W		9·9	10·9	−1·0	80		72		·699		8·4		7			7·74	6·13	+1·31	7·89	6·95	+0·94	3·41	Buldana.
						6	16	8	N 87° W	N 81° W	11·7	9·8	+1·9	66	+13	65	−3	·712	−·046	6·8	+0·6	7	8·10	−1·10	4·25	5·12	−0·87	4·25	5·49	−1·24	1·33	Akola.
9						1	11	9	N 73° W	S 87° W	8·5	8·9	−0·4	62	−16	66	−5	·711	−·043	5·1	−0·9	8	9·00	−1·00	6·10	6·57	−0·47	6·64	7·11	−0·47	2·35	Amraoti.
	5					2	15	8	N 68° W	N 87° W	12·6	10·3	+2·3	79	−3	68	0	·738	−·011	6·8	+1·3	5	7·50	−2·50	2·06	5·18	−3·12	2·06	5·51	−3·45	0·50	Khandwa.
3				1		14	8	4	S 69° W	S 62° W	6·9	5·1	+1·8	69	−2	72	+1	·788	−·020	6·4	+0·4	9	8·20	+0·80	3·93	5·89	−1·96	3·99	6·42	−2·43	0·83	Hoshangabad.
1		1	1	1		2	19	5	N 85° W	S 80° W	11·2	6·5	+4·7	67	0	68	+3	·705	−·002	5·7	+0·7	10	8·90	+1·10	8·73	6·93	+1·80	8·73	7·39	+1·34	2·17	Saugor.
2	2			1	3	6	11	5	S 83° W	S 70° W	4·0	5·1	−1·1	59	0	71	+6	·742	+·020	6·1	+0·9	11	10·40	+0·60	6·00	7·69	−1·69	6·30	8·18	−1·88	2·65	Jubbulpore.
	5	1	1		4	4	8	7	N 75° W	S 88° W	6·6	5·8	+0·8	49	−7	71	+4	·708	+·002	6·0	+0·9	10	12·30	−2·20	14·96	8·87	+6·09	14·98	9·56	+5·40	9·56	Seoni.
																65	+1	·730	−·022	5·9	−0·7	8	9·70	−1·70	15·55	8·71	+6·84	15·68	9·46	+6·22	12·40	Nagpur.
4	4	2	1	1	3	3	2	10	N 51° W		7·6			33		70		·709		5·6		16			9·08	8·19	+0·89	9·33	9·10	+0·28	1·57	Pendra.
	1	1	1	1	1	20	4	1	N 51° W	S 56° W	9·2	9·7	−0·5	66	−10	73	+5	·768	+·006	7·1	+0·7	12	10·40	+1·60	15·41	8·39	+7·02	15·90	9·31	+6·59	7·42	Raipur.
3					1	6	18	2	S 81° W	S 61° W	8·8	6·2	+2·6	79	+14	69	+5	·754	+·013	5·1	−1·5	12	9·10	+2·60	9·68	7·22	+2·46	10·02	7·87	+2·15	2·00	Chanda.
2					5	12	8	3	S 59° W					69		76		·757		6·7		8			10·63			13·36			2·91	Jagdalpur.
																																XII.—Hyderabad.
	1					4	14	11	N 77° W		21·1			86		73	+4	·705		7·1		6	8·10	−2·10	4·36	5·21	−0·85	4·36	5·86	−1·50	2·06	Aurangabad.
1						12	13	4	S 77° W		8·6			82		71	+2	·714		6·6		9	8·90	+0·10	4·90	4·87	+0·03	4·90	5·18	−0·28	1·13	Nizamabad.

stations, the elevations of which exceed 3,200 feet.

* Uncorrected for scale error.

§ Mean of 11 days.

Tab

(2) *Abstract of observations taken at 8 hrs. at 242 statio*

Number of observatory	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	2
	XII.—Hyderabad—*concld.*																						
28	Bidar	***2,165***	27·597		29·689	27·701	29th	27·458	11th	·243	78·7	92·5		73·8		83·2		18·7	100·5	2nd	71·0	15th	2
29	Gulbarga	1,503	28·262	+·013	29·687	28·347	26th	28·127	10th	·220	78·9	94·8	+0·1	75·0	+1·3	84·9	+0·7	19·8	104·0	2nd	72·3	14th	3
	Raichur	***1,311***	28·480	+·041	29·717	28·573	15th	28·350	10th	·223	80·1	91·9	+0·2	74·5	−0·3	84·7	−0·1	20·4	102·5	2nd	63·1	14th	3
	Hyderabad (Deccan)	1,690	28·057	+·019	29·659	28·152	26th	27·919	11th	·233	79·3	94·3	0	76·1	+1·7	85·2	+0·9	18·2	104·3	2nd	72·7	14th	3
	Hanamkonda	877	28·836	+·010	29·645	28·932	26th	28·694	11th	·233	83·6	91·7	−3·4	78·9	−0·9	86·8	−2·1	15·8	108·0	1st	73·2	18th	3
	XIII.—Mysore.																						
0	Chitaldrug	2,405	27·440	+·034	29·739	27·526	15th	27·321	10th	·205	74·3	86·5	+0·7	69·5	−0·1	78·0	+0·3	17·0	94·1	3rd	65·9	14th & 26th,	2
	Hassan	3,149	26·76.?	+·038?	29·321?	26·853	15th	26·665	10th	·168	71·2	80·0	+0·5	68·1	0	73·1	+0·3	13·9	87·4	3rd & 7th	62·6	26th	2
	Bangalore	3,021	26·869	+·019	29·742	26·945	15th	26·777	10th	·168	72·2	81·8	+0·1	66·9	+0·1	75·9	+0·1	17·9	91·3	23th & 29th,	61·8	17th & 22nd.	2
	Mysore	2,513	27·372	+·025	29·786	27·164	15th	27·283	10th	·181	72·6	82·1	−2·5	67·7	−0·5	74·9	−1·5	14·4	88·5	29th	65·0	26th	2
	XIV.—Madras.																						
31	Mangalore	65	29·797	+·014	29·793	29·893	15th	29·700	10th	·193	79·4	85·1	−0·6	73·6	+0·1	79·3	−0·3	11·5	89·8	2nd	70·8	18th	
	Calicut	27	29·858	+·020	29·814	29·968	15th	29·767	3rd	·201	78·1	83·5	−1·1	75·6	+0·9	79·5	−0·1	7·9	87·3	4th	73·1	15th	
	Cochin	9	29·905	+·033	29·841	29·981	15th	29·817	3rd	·164	78·8	84·5	−0·5	74·4	−0·3	79·4	−0·4	10·1	87·7	2nd	70·2	11th	
	Trivandrum	198	29·711	+·037	29·840	29·792	15th	29·623	3rd	·169	78·5	83·5	+0·6	76·3	+2·7	79·9	+1·7	7·2	89·5	1st	72·5	26th	
32	Tinnevelly	168	29·682	+·027	29·778	29·790	14th	29·587	3rd	·203	85·8	96·7	−0·4	79·1	−0·5	87·9	−0·5	17·6	101·2	4th & 27th	73·9	11th & 28th.	
	Pamban	37	29·798	+·020	29·763	29·905	14th	29·718	3rd	·187	83·0	89·6	−0·1	76·8	−3·5	83·2	−1·8	12·8	93·2	2nd & 3rd	75·0	6 days	
	Madura	447	29·387	+·031	29·763	29·485	14th	29·298	3rd	·187	83·4	95·0	−3·2	76·5	−0·6	85·8	−1·9	18·5	101·0	2nd	68·1	12th	
	Pudukkottai	318	29·510		29·758	29·617	14th	29·423	3rd	·194	83·7	98·0		77·4		87·7		20·6	103·0	24th	69·9	12th	
	Negapatam	31	29·780	+·013	29·740	29·891	15th	29·707	3rd	·184	85·3	97·5	+0·4	79·1	−0·1	88·3	+0·1	18·4	103·0	23rd & 24th.	76·0	11th, 23rd & 30th.	
	Trichinopoly†	255	29·571	+·020	29·757	29·667	14th	29·488	3rd	·179	81·0	97·0‡	−2·0‡	78·0‡	−0·4‡	87·5‡	−1·2	19·0	101·6	27th	68·3	30th	
	Coimbatore	1,341	28·500	+·018	29·771	28·575	15th	28·418	3rd	·157	76·7	86·6	−3·3	71·4	−0·2	79·1	−1·7	15·2	93·4	2nd	67·3	19th	
	Salem	940	28·922	+·022	29·791	29·007	15th	28·852	3rd	·155	80·2	93·8	−1·4	74·1	−0·1	83·9	−0·7	19·7	101·0	29th	68·8	30th	
	Cuddalore	37	29·765	+·025	29·732	29·872	15th	29·685	10th	·187	85·6	98·6	+0·4	80·1	+0·7	89·4	+0·5	18·5	103·3	29th	75·7	12th	
	Vellore	707	29·071		29·713	29·171	15th	28·973	10th	·201	83·4	96·7		78·8		87·7		17·9	102·2	30th	75·0	4th	
	Madras	22	29·752	+·006	29·705	29·867	15th	29·658	10th	·209	87·1	99·7	+1·2	82·5	+1·3	91·1	+1·5	17·2	106·5	2nd	72·5	4th	
33	Cuddapah	433	29·351	+·019	29·717	29·445	15th	29·239	10th	·206	84·7	99·1	−1·0	78·3	−2·3	88·7	−1·7	20·8	103·2	30th	70·6	30th	
	Bellary	1,475	29·312	+·013	29·707	29·397	15th	29·204	10th	·193	80·5	95·1	+0·6	76·7	+1·0	85·9	+0·8	18·4	102·0	2nd	73·8	18th	
	Kurnool	923	28·844	+·012	29·706	28·939	26th	28·716	27th	·223	81·3	97·3	+0·6	77·8	+0·9	87·5	+0·7	19·5	104·2	2nd	70·1	30th	
34	Nellore	66	29·683	+·020	29·682	29·802	15th	29·580	10th	·222	87·5	100·2	−1·6	81·8	−0·4	91·0	−1·0	18·4	107·1	2nd	76·6	3rd	
	Masulipatam	15	29·700	+·009	29·650	29·809	15th	29·590	10th	·219	86·4	97·5	−0·2	80·8	+0·6	89·1	+0·2	16·7	111·3	1st	75·2	4th	
	Cocanada	26	29·671	+·005	29·634	29·756	15th	29·533	11th	·223	82·7	93·0	−2·2	79·1	−1·9	86·1	−2·1	13·9	108·7	1st	73·1	7th	
	Waltair (Vizag.)	***226***	29·438	+·009	29·603	29·545	4th	29·247	11th	·298	83·3	90·4		79·4		84·9		11·0	99·6	24th	74·4	7th	
	Calingapatam	19	29·626		29·585	29·736	4th	29·409	11th	·327	84·0	94·5		79·8		87·1		14·7	100·3	24th	74·0	2nd	
	Gopalpur	34	29·584	−·009	29·559	29·723	4th	29·348	11th	·375	83·2	90·9	+1·7	79·3	−0·7	85·4	+0·5	11·0	98·7	16th & 27th.	75·5	24th	

N B.—Elevations in italics indicate barometrical determinations.
NOTE.—The barometric readings are not reduced to sea-level in the cases of hill or plateau stations, the elevations of which exceed 3,000 feet.

‡ Mean of 28 days.

—*continued.*

India, etc., in June, 1911—continued.

Wind direction. Number of winds from N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Resultant direction.	Normal direction.	Wind velocity. Mean velocity, miles per hour.	Normal.	Departure from normal.	Wind steadiness. Actual percentage.	Departure from normal.	Hygrometry, 8 hrs. Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs. in inches of mercury.	Departure from normal in inches of mercury.	Cloud. Mean cloud amount at 8 hrs.	Departure from normal.	Rainfall. Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st May to 30th June, 1911.	Normal rainfall for period, 1st May to 30th June.	Departure from normal of period, 1st May to 30th June, 1911.	Heaviest rainfall during month.	Sta
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	54	55	56	57
																															XII.—Hydera *contd.*
2					6	13	9	N 81° W		8·0			80		70		·682		8·2		8	7·80	+ 0·20	2·01	4·96	− 2·95	2·18	5·76	− 3·58	0·54	Bidar.
2					7	11	10	N 80° W	S 86° W	12·8	14·1	−1·3	76	+ 9	67	− 9	·675	−·066	4·6	−1·7	8	7·40	+ 0·60	2·73	5·31	− 2·58	3·06	6·32	− 3·26	0·51	Gulbarg
					9	13	8	S 88° W	S 74° W	14·1	14·0	+0·1	82	+ 7	67	− 3	·702	−·016	7·0	+0·6	6	6·20	− 0·20	4·97	3·81	+ 1·16	5·68	4·45	+ 1·23	2·16	Raichu
						26	1	N 89° W	N 87° W	7·6	9·1	−1·5	69	+ 5	69	− 2	·685	−·023	6·8	+0·6	10			2·59	4·47	− 1·88	3·52	5·26	− 1·74	0·54	Hyderal (Decca
1		1	2	4	14	7		N 89° W		9·9			70		59	− 1	·678		6·6		7	6·70	+ 0·30	4·52	5·87	− 1·35	4·57	6·39	− 1·82	2·06	Hanamk
																															XIII.—Myso
				8	17	5		S 86° W	S 68° W	10·3	11·1	−0·8	86	0	79	− 3	·680	+·005	8·5	−0·1	2	6·00	− 4·00	0·98	3·33	− 2·37	3·75	6·38	− 2·63	0·38	Chitaldr
				5	15	6		S 86° W	S 83° W	10·9	5·0	+5·9	87	+ 6	84	+ 1	·640	0	3·6	−5·1?	11	10·40	− 1·40	5·12	4·01	+ 1·11	9·67	9·25	+ 0·42	1·70	Hassan.
				9	17	4		S 82° W	S 70° W	11·8	9·3	+2·5	86	− 3	80	− 1	·629	−·011	7·6	+0·7	6	5·70	+ 0·30	2·04	2·87	− 0·83	5·75	7·21	− 1·46	0·58	Bangalo
				1	14	3		S 75° W	S 62° W	12·2	11·6	−2·4	86	+ 5	87	+ 7	·699	+·042	7·5	−0·6	8	6·00	+ 2·00	4·12	2·90	+ 1·22	15·35	7·95	+ 7·39	1·20	Mysore.
																															XIV.—Madras
3	4	1		6	9	3		N 88° W	S 83° W	5·8*	3·3	+2·5	28	+17	86	− 3	·871	−·002	7·3	−1·5	24	24·60	− 0·60	38·90	36·76	+ 2·14	41·09	43·02	− 1·93	8·31	Mangalo
1	2	1		5	6	5		N 81° W	N 22° E	8·4	9·7	−1·3	33	+22	92	+ 4	·878	+·020	7·6	−0·5	23	24·30	− 1·30	38·03	34·19	+ 3·84	48·50	41·98	+ 6·52	8·55	Calicut.
4	2		1	7	6	3		N 76° W	N 9° W	8·9*	6·1	+2·8	27	+ 5	83	− 4	·810	−·052	8·2	+0·6	28	24·20	+ 3·80	30·84	28·13	+ 2·71	48·07	39·52	+ 8·55	3·49	Cochin.
					5	17		N 44° W	N 16° W	7·7*	7·0	+0·7	79	+12	85	− 2	·829	−·011	8·0	−0·1	13	16·50	− 3·50	14·48	12·97	+ 1·51	17·07	21·64	− 4·57	2·17	Trivandr
			1	6	12	8		N 86° W	N 73° W	8·4	7·8	+0·6	72	+ 1	58	− 4	·705	−·054	4·9	−1·6	4	1·20	+ 2·80	2·13	0·51	+ 1·62	2·71	2·02	+ 0·69	1·15	Tinnevel
		3	2	14	5	2		S 48° W	S 39° W	13·4	13·4	0	62	−16	77	− 2	·858		3·7		0	0·50	− 0·50	0·07	0·12	− 0·05	0·10	0·92	− 0·82	0·07	Pamban
1				6	12	9		N 78° W	N 79° W	10·7	4·1	+6·6	72	+12	71	+ 7	·802	+·039	7·2	+1·8	4	2·50	+ 1·50	4·05	1·38	+ 2·67	6·55	4·25	+ 2·30	3·07	Mad ra.
				7	8	9		N 84° W		10·0			63		69		·794		5·8		4			1·14	11·6	− 0·02	5·84	3·42	+ 2·42	0·43	Pudukko
				12	17			S 72° W	S 61° W	6·8	8·4	−1·6	86	+ 5	69	+ 5	·820	+·030	5·6	+0·8	2	3·20	− 1·20	1·77	1·33	+ 0·44	2·92	3·14	− 0·22	0·94	Negapat
		1		15	12			S 62° W	S 80° W	8·1*	9·2	−1·1	79	− 6	65	+ 2	·750	+·018	5·1	−0·9	3	1·90	+ 1·10	1·70	1·44	+ 0·26	3·87	4·68	− 0·81	0·70	Trichino
		1	4	23				S 37° W	S 45° W	11·5	7·0	+4·5	82	+ 4	87	+ 6	·799	+·035	5·6	−0·3	8	4·90	+ 3·10	5·83	1·56	+ 4·27	8·03	4·03	+ 4·00	1·80	Coimbat
			7	5	13	1		S 61° W	S 32° W	5·5	5·0	+0·5	66	− 3	77	+ 3	·793	+·012	6·4	+0·4	3	4·80	− 1·80	1·07	3·16	− 2·09	5·93	8·05	− 2·08	0·68	Salem.
			1	21	5			S 51° W	S 62° W	10·8	2·9	+7·9	82	+12	66	− 6	·816	−·053P	4·9	−0·5	1	3·10	− 2·10	0·31	1·55	− 1·24	0·45	2·29	− 1·84	0·22	Cuddalor
3		11		3		10		N 45° E		14·0			3		67		·760		5·0		6	4·60	+ 1·40	1·77	2·90	− 1·13	3·31	5·66	− 2·35	0·15	Vellore.
			3	4	20	2		S 82° W	S 66° W	8·8*	8·8	0	79	+ 5	64	+ 1	·817	+·016	4·5	−1·7	2	8·10	− 6·10	0·63	1·90	− 1·27	0·64	2·98	− 2·34	0·26	Madras.
				5	16	9		S 84° W	N 87° W				86	+ 8	64	+ 3	·768	+·010	6·6	+0·2	4	4·60	− 0·60	3·79	3·12	+ 0·67	7·91	4·70	+ 3·21	2·72	Cuddapal
				6	16	7		N 88° W	S 84° W	11·5	10·6	+0·9	82	+ 8	59	− 2	·619	−·021	6·9	−0·7	0	4·20	− 4·20	0·15	2·04	− 1·89	1·60	4·08	− 2·48	0·06	Bellary.
				7	7	15		N 73° W	S 89° W	10·8*			76	+13	69	+ 3	·735	+·009	7·4	+1·0	7	5·90	+ 1·10	3·27	3·17	+ 0·10	3·79	4·12	− 0·33	1·85	Kurnool.
			1	9	12	7		S 87° W	N 73° W	9·7*	9·6	+0·1	76	+13	59	− 3	·767	−·055	6·4	−0·2	3	3·00	0	1·06	1·27	− 0·21	1·38	1·96	− 0·58	0·46	Nellore.
			1	3	11	12		S 76° W	N 80° W	10·7	9·5	+1·2	69	+ 6	72	− 5	·898	−·052	6·2	−0·4	6	6·00	0	1·85	4·69	− 2·84	4·75	5·83	− 1·08	0·60	Masulipat
	1			10	12	2		S 74° W	S 69° W	7·6	8·8	−1·2	66	− 9	84	+12P	·941	+·075P	7·2	+0·2	10	6·20	+ 3·80	6·71	4·74	+ 1·97	8·15	5·90	+ 2·25	2·28	Cocanada
2				27	1			S 46° W	S 73° W	10·6			82	+ 8	71	− 3	·811	−·078	7·8	+0·4	7	5·70	+ 1·30	4·18	4·58	− 0·36	4·55	6·89	− 2·34	1·42	Waltair (Vizag.
1	1		1	14	10	2		S 66° W		9·3			73		81		·938		7·4		9			4·02			4·24			1·34	Calingap tam.
1			7	10	4	1		S 46° W	S 39° W	13·6	15·1	−1·5	49	−25	82	− 2	·913	−·050	5·4	−1·8	12	7·10	+4·90	6·26	5·83	+ 0·43	6·40	7·77	− 1·37	2·30	Gopalpur

* Uncorrected for scale error.

† Mean of 29 days.

Tab

(2) *Abstract of observations taken at 8 hrs. at 242 statio*

Number of subdivision.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	2
	Bay Islands.																						
1	P. V. Fraser	8	29·566*		29·492*	29·730	1st	29·340	18th	·390	81·1												
	Port Blair	58	29·778	+·017	29·766	29·879	12th	29·676	9th	·203	81·7	84·9	—1·1	77·3	—0·5	81·1	—0·8	7·6	88·2	4th	72·0	17th	1
	Slipper Island	90	29·703		29·728	29·805	12th	29·565	9th	·240	81·7	86·6		77·2*		81·9*		9·4	87·6	6th	72·1	9th & 16th.	1
	Kashmir.																						
14	Muzaffarabad	2,475	27·202		29·588	27·433	3rd	27·072	18th	·361	83·0	103·1		78·1		87·6		31·0	114·1	8th	61·4	17th	5
	Srinagar	5,204	24·716	—·015	24·687	24·911	4th	24·603	13th	·308	68·8	86·1	+3·0	60·5	+1·7	73·3	+2·3	25·6	93·1	14th	53·6	28th	3
	Gulmarg	*8,569*	21·793	—·013	21·761	21·949	3rd	21·674	17th	·275	63·1	71·7	+5·6	47·0	+3·9	59·4	+4·7	24·7	80·7	12th	40·3	28th	4
	Sonemarg	*8,764*																					
	Dras	*10,059*	20·761	+·001	20·729	20·951	1st	20·633	16th	·318	58·8	76·3	+2·2	42·7	+1·7	59·5	+1·9	33·6	82·9	13th & 14th.	33·0	5th	4
	Leh	11,503	19·688	+·008	19·656	19·874	1st	19·530	17th	·344	57·8	75·3	+2·2	46·3	+1·7	60·8	+1·9	29·0	80·9	14th	40·0	18th	4
	Skardu	*7,505*	22·737	—·043	22·707	22·925	1st	22·595	17th	·330	69·5	85·8	+7·2	59·5	+4·6	72·6	+5·9	26·3	93·4	12th, 13th & 14th.	52·1	19th	4
	Minimarg	*9,359*									Observations not received.												
	Astor	*7,955*										Ditto		ditto.									
	Gilgit	4,890	24·883		24·856	25·081	1st	24·678	17th	·403	80·5	97·9	+3·3	69·3	—0·7	83·6	+1·3	28·6	107·2	13th	61·2	26th	4
	Baluchistan.																						
16	Quetta	5,502	24·483	+·003	24·443	24·614	4th	24·359	17th	·255	78·7	94·3	+3·7	59·2	+0·1	76·8	+1·9	35·1	99·6	12th & 13th.	51·7	28th	5
	Chaman	4,311	25·433	—·005	25·415	25·612	28th	25·381	17th	·231	87·0	100·9	+1·2	72·7	—0·2	86·8	+0·5	28·2	106·8	11th, 12th & 13th.	65·2	26th	5
	Dalbandin	2,779	26·838		26·801	27·061	23rd	26·738	12th	·323	93·9	111·3		75·8		93·5		35·5	116·3	12th	62·8	20th	
	Robat		26·714		26·672	26·876	29th	26·601	19th	·275	90·1	105·9		80·0		92·9		25·9	111·5	6th	73·3	20th	
	Pasni		29·600		29·560	29·7	28th	29·439	18th	·335	83·5	89·8		80·5		85·1		9·3	93·0	18th & 19th.	77·0	23rd & 24th.	1
	Hill Stations excluding Kashmir and Baluchistan.																						
	Chitral	*5,486*									76·0	93·5		62·3		77·9		31·2	102·4	13th	56·4	28th	
	Para Chinar	6,000	24·316		24·292	24·499	4th	24·205	21st	·294	78·5	89·3		64·2		76·7		25·1	98·7	8th	53·1	27th	
	Cherat	*4,256*	25·514	+·006	25·482	25·689	3rd	25·394	21st	·295	80·9	94·2	—0·1	73·3	+0·2	83·7	+0·1	20·9	104·2	7th	61·4	25th & 27th.	
	Murree	6,333	23·726	—·006	23·694	23·870	4th	23·623	17th	·247	69·3	81·1	—0·6	63·5	—1·0	72·3	—0·8	17·6	89·6	1st	50·2	17th	
	Simla	7,232	23·015	+·017	22·977	23·161	2nd & 3rd.	22·899	19th	·262	65·5	73·1	—1·3	61·0	0	67·1	—0·7	12·1	81·8	1st	55·8	27th	
	Sarain		23·039		23·001	23·210	2nd	22·885	17th	·325	66·5	74·4		56·3		65·3		18·1	80·4	1st	50·7	27th	
	Kalabagh		20·091		20·053	20·228	3rd	19·979	17th	·249	51·2	57·0		48·0		52·5		9·0	62·3	2nd	41·1	27th	
	Chakrata	7,022	23·184	+·012	23·144	23·355	2nd	23·065	19th	·290	64·7	72·9	—1·4	59·5	—0·5	66·2	—0·9	13·4	79·2	1st	53·7	2nd	
	Mukteswar	7,592	22·737	—·016	22·696	22·913	3rd	22·613	19th	·300	62·1	71·8	—1·2	56·7	—1·5	64·2	—2·9	15·1	79·5	1st	52·0	26th	
	Darjiling	7,376	22·885	—·040	22·840	23·022	3rd	22·778	19th	·244	60·4	63·3	+1·1	57·4	+1·2	61·9	+1·1	8·9	72·8	10th	53·2	14th	
	Shillong	4,920	24·982		24·934	25·129	2nd	24·819	18th	·310	68·5	72·9		63·6		68·3		9·3	78·9	27th	59·7	1st & 15th.	
	Cherrapunji	4,309	25·540		25·491	25·701	2nd	25·351	18th	·350	67·0	71·2		63·9		67·5		7·3	78·7	11th	55·1	15th	
	Maymyo	3,545	26·305	—·005	26·250	26·434	11th	26·194	18th	·240	70·0	74·7	—3·9	66·7	+1·1	70·7	—1·4	8·0	78·5	16th	64·6	3rd	
	Pachmarhi	3,528	26·267	+·013	26·214	26·395	28th	26·148	12th	·247	73·2	84·3	—1·6	68·9	—3·1	76·6	—2·3	15·4	95·5	1st	50·6	15th	
	Mount Abu	3,945	25·875	+·015	25·825	25·998	1st	25·761	18th	·237	71·6	81·9	—1·4	67·1	—1·0	74·5	—1·2	14·8	89·2	5th	61·4	24th	
	Mercara	3,781	26·178	+·020	26·111	26·274	15th	26·091	10th	·183	65·8	71·7	—1·2	63·1	—0·2	67·4	—0·7	8·6	81·0	4th	58·5	13th	
	Ootacamund	*7,327*	23·013		22·949	23·087	15th	22·937	10th	·150	57·5	63·0		52·0		57·5		11·0	69·5	30th	48·2	27th	
	Kodaikanal	7,688	22·790	—·001	22·725	22·846	15th	22·718	10th	·128	57·8	63·5	+1·8	53·7	—0·1	58·6	—0·9	9·8	68·0	17th	52·0	14th, 17th & 20th.	

* Mean of 27 days.

N.B.—Elevations in italics indicate barometrical determinations.
NOTE.—The barometric readings are not reduced to sea-level, in the cases of hill or plateau stations, the elevations for which exceed 3,200 feet.

B—*continued.*

in India, etc., in June, 1911—continued.

Wind direction. Number of winds from Calm. (25)	N. (26)	N.E. (27)	E. (28)	S.E. (29)	S. (30)	S.W. (31)	W. (32)	N.W. (33)	Resultant direction. (34)	Normal direction. (35)	Wind velocity. Mean velocity, miles per hour. (36)	Normal. (37)	Departure from normal. (38)	Wind steadiness. Actual percentage. (39)	Departure from normal. (40)	Hygrometry, 8 hrs. Mean humidity at 8 hrs. (41)	Departure from normal. (42)	Mean vapour tension at 8 hrs, in inches of mercury. (43)	Departure from normal in inches of mercury. (44)	Cloud. Mean cloud amount at 8 hrs. (45)	Departure from normal. (46)	Rainfall. Number of rainy days. (47)	Normal number of rainy days. (48)	Departure from normal. (49)	Rainfall of month. (50)	Normal rainfall of month. (51)	Departure from normal. (52)	Total rainfall from 1st May to 30th June 1911. (53)	Normal rainfall for period, 1st May to 30th June. (54)	Departure from normal of period, 1st May to 30th June, 1911. (55)	Heaviest rainfall during month. (56)	Stat (57)
																																Bay Is
	1	2	1	4	6	13	3		S 24° W					60		85		·997		7·9		8			4·10			6·39			2·03	P. V. F
1					7	9	10	3	S 59° W	S 75° W	11·3	10·4	+0·9	66	− 8	86	− 2	·901	−·053	9·0	+0·6	16			25·55	19·24	+6·31	38·44	36·14	+2·30	5·35	Port Bl
				1	9	18	2		S 31° W		19·7			86		87		·942		8·0		16			8·02	16·01	−7·99	12·32	25·26	−12·94	1·88	Slipper I
																																Kashmir.
	1	1		3	5	12	3	5	S 50° W		1·1			53		46		·488		3·2		6			3·80			5·72			1·57	Muzaffa bad.
11	2			7	5	1		4	S 14° E	S 45° E	2·7	3·8	−1·1	20	+12	80	− 1	·563	−·011	2·3	−0·9	2	3·80	−1·80	1·10	1·73	−0·63	2·03	4·36	−2·33	0·46	Srinaga
1	2	7	11	3		1	2	3	N 65° E		6·8			46		67	−14	·390		2·8		7			3·77	3·77	0	6·59†	3·77‡	+2·82	1·76	Gulmar
																						9			3·24	3·11	+0·13	7·11	8·93	−1·82	0·80	Sonema
21						2	3	4	N 79° W					23		53	− 8	·263		2·2		2	1·70	+0·30	0·38	0·71	−0·33	2·18	3·80	−1·62	0·24	Dras.
21				3	4	1	1		S 3° E	S 72° W	4·0	2·6	+1·4	23	−24	38	− 4	·178	−·006	1·7	−1·9	0	0·60	−0·60	0	0·17	−0·17	0·03	0·38	−0·35	0	Leh.
20		2	2		4	1		1	S 38° E		9·8			13		35	−17	·250		3·0		0	1·10	−1·10	0·09	0·34	−0·25	0·33	1·61	−1·28	0·09	Skardu.
																			Observa	tions	not re	ceiv	ed.									Minima
																			Ditto		ditto.											Astor.
26	1		1				2		N 45° W		1·5			3		41	+ 3	·416	+·061	2·0	−0·8	1	0·80	+0·20	0·11	0·40	−0·29	0·61	1·34	−0·73	0·11	Gilgit.
																																Baluchistan
30									(a)	S 8° W	1·8	3·0	−1·2			35	−14	·338	−·117	0	−0·6	0	0·80	−0·80	0	0·17	−0·17	0·10	0·55	−0·45	0	Quetta.
6	1				5	13	2	3	S 50° W	S 53° W	6·8	9·0	−2·2	56	+ 8	29	+ 1	·358	−·004	0	−0·5	0	0·10	−0·10	0	0·03	−0·03	0·02	0·14	−0·12	0	Chaman
	2	4	7	4	4	5	2	2	S 51° E		8·6‖			27		58		·917		0·3		0			0			0·08			0	Dalbandi
6		7	18	1		2			N 83° E		8·7			72		45		·649		0·8		0			0			0·08			0	Robat.
4		1	4	2	1	6	10	2	S 64° W		9·7			33		90		1·046		0·3		0			0			0			0	Pasni.
																																Hill Stations, e ing Kashmir Baluchistan.
																						0			0	0·58	− 0·58	0·80	2·55	−1·75	0	Chitral.
12	13				5				N		3·5			23		43		·373														
											3·7			7		40		·375		1·1		7	3·40	+3·60	2·76	2·21	+ 0·55	4·44	4·97	−0·53	0·96	Para Ch
26				1	1		2		S 38° W																							
11	4	4		3	2	2	1	3	N 7° E	S 79° E	10·0	9·9	+0·1	11	+ 6	44	− 7	·435	−·068	2·2	−0·5	3			2·19	1·04	+ 1·15	2·70	2·78	−0·08	1·36	Cherat.
18	1		2	5	4				S 41° E	S 63° E	5·1	7·2	−2·1	30	+19	50	− 2	·338	−·045	3·0	−0·5	6	8·00	−2·00	3·61	3·50	+ 0·11	4·03	6·45	−2·42	1·42	Murree.
																70	+ 4	·437	+·035	3·9	−1·1	9	9·80	−0·80	4·33	6·91	− 2·58	4·74	9·59	−4·85	0·88	Simla.
														17		65		·419		5·4		11			5·45	5·79	− 0·34	5·85	7·83	−1·98	1·80	Sarain.
19		3	3	2	1	2			S 68° E		1·9					80		·302		6·0		14			9·09	8·01	+ 1·08	9·09§	8·01‡	+1·08	4·11	Kalabag
13	1			2	14				S 4° E		8·5			47																		
12	4			9	5				S 41° E	S 8° W	3·8	7·4	−3·6	30	+21	82	+11	·502	+·065	6·3	+2·3	14	10·60	+3·40	7·50	7·79	− 0·29	7·71	10·25	−2·54	1·47	Chakrat
														20		84	+17	·461		6·1		11			6·03	5·88	+ 0·20	6·19	7·97	−1·78	1·01	Muktes
16			3	1			10		S 83° W		6·0																					
20		1		5		2	1	1	S 18° E	S 76° E	1·5	5·1	−3·6	10	− 5	93	− 2	·485	−·013	9·0	+0·4	19	20·81	−1·81	27·04	22·77	+ 4·27	38·44	31·51	+6·93	4·31	Darjilin
														33		84		·585		8·0		17	20·40	−8·40	20·13	17·18	+ 2·95	32·44	26·35	+6·09	4·52	Shillong
12		1	5	4	3	4	1		S 31° E		4·5					96		·633		9·2		25	24·70	+0·30	139·24	90·95	+48·29	216·98	123·11	+93·87	27·24	Cherrapu
7		6	3	4	3	7			S 39° E		8·1			30								17	11·80	+5·20	13·94	9·02	+ 4·92	22·39	18·33	+4·06	2·56	Maymyo
4				3	3	20			S 32° W		3·9			76		90	+ 5	·661		8·6												
1				1		7	16	5	S 85° W	S 81° W	11·7	9·2	+2·5	79	+12	82	+10	·660	+·039	6·1	−0·4	16	11·00	+5·00	11·46	9·38	+ 2·08	11·46	9·93	+1·53	2·09	Pachma
1	3	1			3	19	2	1	S 52° W	S 59° W	12·7	11·4	+1·3	62	− 5	78	+ 5	·589	+·018	6·6	+1·3	6	6·70	−0·70	5·13	5·25	− 0·12	5·13	5·97	−0·84	2·11	Mount
1	1					5	15	8	N 83° W	N 88° W	8·4	7·8	+0·6	79	+ 5	98	+ 5	·617	+·011	9·0	0	20	24·80	−4·80	43·90	25·74	+18·16	48·71	31·53	+17·18	6·56	Mercara
														53		87		·413		8·1		20	13·30	+6·70	15·68	6·10	+ 9·58	23·26	13·94	+9·32	2·86	Ootacam
9			1			6	10	4	S 85° W		5·7			76		82	+ 7	·391		5·5		17	8·50	+8·50	7·18	3·86	+ 3·32	16·88	9·72	+7·16	1·07	Kodaika
				1	2	3	16	8	N 88° W		15·9‖																					

‡ Normal rainfall since 1st June. ‖ Uncorrected for scale error. (a) Indeterminate. § Rainfall since 13th May 1911. † Rainfall since 8th May 1911.

Table

(2) *Abstract of observations taken at 8 hrs.*

Station.	Elevation of barometer above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range during month.
2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Extra India.																						
Singapore (a)	10	29·925		29·856	30·002	23rd	29·862	26th	·140	85·8	90·1		75·4		82·7		14·7	92·5	3 days	71·8	27th	20·7
Penang (a)	20	29·942		29·887	30·021	24th	29·873	30th	·148	83·5	90·4		75·8		83·1		14·6	95·0	30th	71·0	9th	24·0
Trincomalee	99									73·7	93·7	+2·1	76·1	−2·3	84·9	−0·1	17·6	97·5	23rd & 24th.	72·5	3rd & 29th.	25·0
Colombo	24	29·882	+·006	29·832	29·983	15th	29·792	3rd	·191	79·3	87·1	+1·4	77·4	−0·1	82·3	+0·7	9·7	89·0	5 days	74·0	8th, 9th & 10th.	15·0
Minicoy	7	29·926			30·021	23rd	29·833	3rd	·188													
Amini Divi	*13*	29·874	+·039	29·815	29·954	15th	29·774	10th	·180	82·9	87·7	+1·6	78·5	+0·5	83·1	+1·1	9·2	93·7	4th	74·3	8th	19·4
Gyantse	13,120	17·010		16·971	17·065	1st	16·974	16th	·091	57·8	74·5		40·3		57·4		34·2	84·1	30th	24·0	1st	60·1
Pharijong	14,400									49·0†	56·4		31·5		44·0		24·9	62·8	3rd	21·0	1st	41·8
Gangtok	5,660?									65·1	73·4		58·2		65·8		15·2	80·9	24th	53·4	7th & 10th	27·5
Gartok (c)	14,240	17·471			17·650	11th	17·375	15th & 16th.	·275	50·1	64·1		36·5		50·3		27·6	70·1	21st	28·1	7th	42·0
Kashgar (c)	4,255	25·430			25·690	6th	25·270	17th	·420	76·7	92·0	+2·1	66·3	+0·7	79·2	+1·4	25·7	100·6	11th	58·7	21st	41·9
Kabul		Rejected.								73·5			Rejected.									
Meshed	3,104	26·706		26·684	26·829	6th	26·612	18th	·217	75·6	89·9		59·7	−3·7	74·8		30·2	98·4	5th	54·1	14th	44·3
Jask	13	29·559	−·008	29·525	29·736	4th	29·357	21st	·379	84·8	95·5	−0·3	82·6	−0·5	89·0	−0·4	12·9	100·3	9th	78·3	1st	22·0
Muscat †	20	29·565	+·012	29·533	29·710	4th	29·423	19th	·287	92·9	100·5	+6·7	88·5	+0·4	94·5	+3·5	12·0	109·3	19th	85·1	23rd	24·2
Bahrein	18	29·628		29·598	29·746	2nd	29·516	13th	·230	86·7	91·9		81·2		86·6		10·7	101·1	19th	74·8	5th	26·3
Bushire	14	29·586	+·012	29·562	29·731	1st	29·448	13th	·283	81·7	87·7	−4·2	77·6	−2·9	82·6	−3·5	10·1	99·3	17th	73·5	25th & 27th.	25·8
Busrah	25	29·620		29·604	29·782	6th	29·458	14th	·324	86·0	96·9		81·0		88·9		15·9	106·9	30th	72·9	4th	34·0
Kerman										80·7	102·7		65·5		84·1		38·2	107·0	15th	61·5	11th & 29th	45·5
Ispahan (b)	*5,817*	24·245			24·450	29th	24·020	19th	·430	77·7	93·5	−1·0	63·3	+1·4	78·4	+0·2	30·2	99·9	10th	54·2	1st & 2nd	45·7
Tehran	*4,002*																					
Baghdad	127	29·562	−·016	29·659	29·818	1st	29·357	20th	·461	82·8	102·2	+0·4	74·3	−1·1	88·2	−0·3	27·9	109·1	30th	67·8	6th	41·3
Beirut ‖	111			29·865						76·2	82·0		67·8		74·9		14·2	91·0	3rd	61·5	20th	29·5
Aden	94	29·676	+·029	29·701	29·751	7th	29·605	5th	·146	87·6	91·8	+0·1	83·8	+0·1	89·3	+0·1	11·0	98·6	5th	80·9	26th	17·7
Perim	201	29·572	+·034	29·707	29·661	1st	29·512	10th	·149	86·3	93·4	−1·8	83·4	+0·7	88·4	−0·5	10·0	99·8	25th	81·4	3rd	18·4
Zanzibar	72	30·114	+·037	30·114	30·216	12th	30·010	4th	·206	74·2	80·6	−0·9	72·4	−1·8	76·5	−1·3	8·2	83·2	1st	69·2	20th	14·0

N.B.—The elevations in italics indicate barometrical determinations.
NOTE.—The barometric readings are not reduced to sea-level, in the cases of hill or plateau stations, the elevations of which exceed 1,200 feet.
(a) 9 hours observation.

B—*concluded.*

at 242 stations in India, etc., in June, 1911—concluded.

Wind direction. Number of winds from Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Resultant direction	Normal direction	Wind velocity. Mean velocity, miles per hour.	Normal.	Departure from normal.	Wind steadiness. Actual percentage.	Departure from normal.	Hygrometry, 8 hrs. Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs. in inches of mercury.	Departure from normal in inches of mercury.	Cloud. Mean cloud amount at 8 hrs.	Departure from normal.	Rainfall. Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st May to 30th June, 1911.	Normal rainfall for period, 1st May to 30th June.	Departure from normal of period, 1st May to 30th June, 1911.	Heaviest rainfall during month.	S
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	54	55	56	
																																Ext
4			1	14	3	8			S 16° E		7·8*			62						4·9		6			3·74	6·92	−3·18	14·39	12·88	+ 1·51	1·54	Singa
		12	1	6	6			5	N 81° E		11·2*			37								9			6·82	7·61	−0·79	13·35	16·09	− 2·74	2·00	Pena
					30				S 45° W	S 47° W	11·7*	16·7	−5·0	96	+ 2	78	+ 2	·764	−·112	5·4	+1·9	2			4·52	1·31	+3·21	7·05	3·67	+ 3·38	3·13	Trinc
3					13	11	3		S 72° W	S 62° W	6·7*	10·5	−3·8	76	−10	85	+ 4	·857	−·029	8·4	+1·2	10			5·73	7·62	−2·09	15·69	18·32	− 2·63	1·46	Colon
					12	11	7		S 83° W	S 81° W	17·0	16·2	+0·8	80	− 8					6·7	0	15			16·75	10·52	+6·23	20·85	16·20	+ 4·65	4·43	Mini
	3				1	14		12	N 87° W		18·3			60		80	−5	·894	−·050	6·7	−1·1	13			13·47	13·67	−0·20	13·82	16·81	− 2·99	2·34	Amin
13		1	7	8	1				S 65° E		2·8			47		47		·221		1·7		2			0·41			1·09			0·19	Gyan
2	2		1	3	1				S 72° E					10		74†		·257†				8			3·47			5·49			1·10	Phari
25		2		2		1			S 63° E		1·3			7		93		·573		6·1		21			21·76	20·62	+1·14	41·41	40·07	+ 1·34	2·90	Gang
1	2			6	8	1			S 17° E		9·2			33						1·4		1			0·28			0·28			0·28	Garto
21						1		8	N 50° W	N 28° W	Rejected.			27	+10	43	+ 4	·387	+·031	1·6	−0·9	0			0·04	0·34	−0·30	0·36	1·04	− 0·68	0·03	Kash
	10			12	1	2	5		N 81° W	N 23° E				20								0			0	0·24	−0·24	0‡	1·19	− 1·19	0	Kabu
21	3	1		1	2			2	N		2·0			6		53		·472		0·2	−1·0	0			0	0·33	−0·33	2·40	1·72	+ 0·68	0	Mesh
3		1	11	6			2	5	S 83° E	S 48° E	9·2	13·2	−4·0	49	+20	78	+11	·930	−·007	1·1	0	0			0	0·05	−0·05	0	0·05	− 0·05	0	Jask.
	3		7				4	10	N 29° W	N 27° E	6·1	4·7	+1·4	49	+30	60	− 7	·903	−·045	4·2	+2·7	0			0	0·15	−0·15	0	0·15	− 0·15	0	Musc
	6						11	13	N 53° W		9·1			83		47		·596		0		0			0	0	0	0	0·10	−0·10	0	Bahre
5	1		1	1		2	9	11	N 68° W	N 37° W	15·9	10·7	+5·2	56	0	73	+11	·784	−·001	0	−0·2	0			0	0	0	0	0·02	− 0·02	0	Bushi
				1	3	1	11		† N 79° W		6·5			72		60		·741		0·3		0			0	0	0	0	0·46	−0·46	0	Busra
	11	6	2	1	1	1	1	7	N 1° E		3·8			60		26		·272		0		0			0			0·35			0	Kerm
25						1			S 45° W	N 50° W	P			3	−41	56	+ 5	·528	+·121	0	−0·1	0			0	0·01	−0·01	0·05	0·26	−0·21	0	Ispah
1	1		1	6	4	8			S 2° W	S 7° W	3·0	3·0	0	44	+27					0·8	−0·1	0			0	0·08	−0·08	0·86	0·53	+0·33	0	Tehra
10	8							2	N 28° W	N 9° W	11·3	4·9	+6·4	63	− 5	39	− 1	·437	−·052	0	−0·1	0			0	0	0	0·21	0·23	−0·02	0	Baghd
6	2	1				21			S 49° W					60		68		·615		1·0		0			0			1·30			0	Beirut
8	2	9		3	5	3			S 82° E	S 34° E	7·7	9·3	−1·6	20	− 6	75	+ 4	·974	+·036	3·6	+0·6	0			0	0·07	−0·07	0	0·20	− 0·20	0	Aden.
1	3		4	2		3	2	15	N 42° W	N 72° W	12·8	13·4	−0·6	47	− 5	69	− 4	·867	−·088	3·4	−0·1	0			0	0·11	−0·11	0	0·32	− 0·32	0	Perim
				15	14	1			S 68° W	S 13° W	9·3	8·8	+0·5	40	−47	79	− 4	·672	−·056	4·6	−0·5	2			2·24	1·79	+0·45	19·75	13·21	+ 6·54	1·86	Zanzib

* Uncorrected for scale error.

† Mean of 29 days.
‡ " " 5 "

‡ Total rainfall since 1st June 1911.

Table C.—Abstract of observations taken at 8 hrs. at 40 fourth class stations in India, etc., in June, 1911.

Tab

Abstract of observations taken at 8 h

Number of subdivision.	Station.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range during month.	Wind direction. Number of winds from: Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	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	24	25
	II.—Eastern Bengal and Assam.																							
4	Bishnath	81·1	90·0	...	73·4	...	81·7	...	16·6	96·4	19th	68·9	12th	27·5	...	...	..	..	...	...	...	...	...	...
	Borjuli	80·9	90·1	...	74·6	...	82·3	...	15·5	97·6	19th	69·1	1st	28·5	...	...	...	...	...	...	...	...	...	...
	Chandkhira	81·1	90·2	...	72·1*	...	81·1*	...	18·1	97·6	3rd	67·2	30th	30·4										
	Doom Dooma	77·3	88·7	...	74·5	...	81·6	...	14·2	98·5	3rd & 19th	70·2	13th	28·3	...	...	...	...	...	...	...	...	...	...
	Dikom	79·4	88·6	...	75·2	...	81·9	...	13·4	97·6	19th	70·6	13th	27·0	...	...	...	...	...	...	...	...	...	...
	Golaghat	81·8	82·3	...	75·0	...	78·7	...	7·3	88·7	18th	70·2	6th, 12th & 13th.	18·5	...	...	...	...	...	...	...	...	...	...
	Hailakandi	...	...	...	...	...	...		Observations not received.				...	...	...	...	...	...	...	...	...	...	...	...
	Jorehat	82·2	89·7	...	75·8	...	82·7	...	13·9	97·1	19th	71·6	12th	25·5	...	...	...	...	...	...	...	...	...	...
	Messa	84·5	97·8	...	74·5	...	86·1	...	23·3	104·6	5th	70·2	1st	34·4	...	...	...	...	...	...	...	...	...	...
	Panerihat	76·9	88·3	...	73·3	...	80·8	...	15·0	94·1	10th	68·2	13th	25·9	...	...	...	...	...	...	...	.	...	...
	Srimangal	81·4	88·9	...	76·1	...	82·5	...	12·8	93·7	18th	70·2	30th	23·5	...	...	...	...	...	...	...	...	...	...
5	Brahmanbaria	82·2	89·3	...	75·7	...	82·5	...	13·6	93·8	11th	67·9	17th	25·9	...	...	...	...	...	...	...	...	...	...
	Dam Dim	80·2	92·2	...	74·2	...	83·2	...	18·0	98·4	18th	70·0	1st	28·4	...	...	...	...	...	...	...	...	...	...
	Goalundo	83·7	89·3	...	77·3	...	83·3	...	12·0	93·8	29th	74·1	6th	19·7	...	...	...	...	...	...	...	...	...	...
	Kalchini	82·1	88·8	...	72·9	...	80·9	...	15·9	96·1	11th	65·9	24th	30·2	...	...	...	...	...	...	...	...	...	...
	Nagrakata	79·0	87·8	...	74·0	...	80·9	...	13·8	96·1	11th	70·0	30th	26·1	...	...	...	...	...	...	...	...	...	...
	Pabna	82·6	89·4	...	72·4	...	80·9	...	16·8	94·5	9th	67·9	15th	26·6	...	...	...	...	...	...	...	...	...	...
	IV.—United Provinces of Agra and Oudh.																							
10	Ballia	84·9	94·5	...	79·8	...	87·1	...	14·7	107·4	5th	74·1	14th	33·3	...	...	...	...	...	...	...	...	...	...
	XI.—Central Provinces.																							
24	Chhindwara	79·1	91·1	...	72·9	...	82·0	...	18·2	101·7	1st	68·9	10th	32·8	...	2	...	1	...	1	1	15	10	N 72° W
	XIV.—Madras.																							
33	Anantapur	81·5	94·8	...	76·1	...	85·6	...	18·7	100·5	2nd	70·6	4th	29·9	...	...	...	...	...	...	...	...	...	...
34	Guntur	85·7	99·3	...	81·0	...	90·1	...	18·3	110·2	1st	73·6	4th	36·6	...	...	...	...	...	...	...	...	...	...
	Bay Islands.																							
1	Car Nicobar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kashmir.																							
14	Jammu	90·9	100·5	...	83·3	...	91·9	...	17·2	110·1	1st	70·3	14th & 26th.	39·8	...	12	8	2	...	7	1	...	...	N 35° E
	Kargil	65·8	83·6	..	56·8	...	70·2	...	26·8	91·2	13th	51·4	27th	39·8	...	11	5	2	2	...	...	...	10	N 1° W

* Mean of 18 days.

C.

t 40 fourth class stations in India, etc., in June, 1911.

Wind velocity.			Wind steadiness.		Hygrometry, 8 hrs.				Cloud.		Rainfall.									Heaviest rainfall during month.	Station.
Mean velocity, miles per hour.	Normal.	Departure from normal.	Actual percentage.	Departure from normal.	Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs. in inches of mercury.	Departure from normal in inches of mercury.	Mean cloud amount at 8 hrs.	Departure from normal.	Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st May to 30th June, 1911.	Normal rainfall for period, 1st May to 30th June.	Departure from normal of period, 1st May to 30th June, 1911.		
27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
																					II.—Eastern Bengal and Assam.
...	...	...	...	...	94	...	1·004	...	...	...	20	...	...	16·16	...	...	30·23	...	...	3·72	Bishnath.
...	...	...	...	...	88	...	·922	...	...	...	17	...	...	17·96	...	...	28·18	...	...	3·13	Borjuli.
...	...	...	...	...	89	...	·945	...	...	...	20	...	...	22·84	...	...	50·65	...	...	3·80	Chandkhira.
...	...	...	...	...	91	...	·840	...	...	...	16	...	...	18·77	...	...	31·28	...	...	3·04	Doom Dooma.
...	...	...	...	...	88	...	·883	...	...	...	15	...	...	12·65	...	...	27·82	...	...	2·35	Dikom.
...	...	...	...	...	91	...	·985	...	...	...	14	...	...	12·07	...	...	22·20	...	...	4·02	Golaghat.
...	...	...	...	...	...	...	...	...	...	Observations not received.					...	...	...	...	...	...	Hailakandi.
...	...	...	...	...	83	...	·911	...	...	...	18	...	...	14·67	...	...	28·78	...	...	5·02	Jorehat.
...	...	...	...	...	81	...	·952	...	...	...	14	...	...	17·11	...	...	27·21	...	...	7·19	Messa.
...	...	...	...	...	91	...	·836	...	...	...	15	...	...	16·08	...	...	32·18	...	...	2·62	Panerihat.
...	...	...	...	...	87	...	·929	...	...	...	23	...	...	18·16	...	...	52·17	...	...	2·33	Srimangal.
...	...	...	...	...	84	...	·923	...	...	...	20	...	...	21·51	...	...	55·89		...	5·87	Brahmanbaria.
...	...	...	...	...	93	...	·966	...	...	...	20	...	...	25·41	...	...	42·11	...	...	3·72	Dam Dim.
...	...	...	...	...	84	...	·969	...	...	...	18	...	...	8·15	...	...	20·66	...	...	1·14	Goalundo.
...	...	...	...	...	86	...	·961	...	...	...	19	...	...	21·19	...	...	40·50	...	...	3·39	Kalchini.
...	...	...	...	...	83	...	·869	...	...	...	21	...	...	38·23	...	...	56·41	...	...	5·43	Nagrakata.
...	...	...	...	...	88	...	·974	...	...	...	19	...	...	11·26	...	...	28·40	...	...	1·83	Pabna.
																					IV.—United Provinces of Agr and Oudh.
...	...	...	...	...	75	...	·883	...	...	...				No	rain	gauge.					Ballia.
																					XI.—Central Provinces.
5·4	...	...	77	...	74	...	·739	...	4·6	...	9	...	...	4·97	...	...	4·99	...	...	1·50	Chhindwara.
																					XIV.—Madras.
...	...	...	...	...	70	...	·746	...	8·5	...	4	...	...	2·86	...	...	5·21	...	...	1·78	Anantapur.
...	...	...	...	...	73	...	·885	...	7·8	...	11	...	...	4·18	...	...	6·07	...	...	1·52	Guntur.
																					Bay Islands.
...	...	...	...	...	...	...	...	...	...	...	...			Rainfall observations not received.						...	Car Nicobar.
																					Kashmir.
...	...	...	40	...	71	...	1·013	...	2·6	...	2	...	...	1·25	...	...	1·52	...	...	0·90	Jammu.
...	...	...	17	...	35	...	·222	...	3·1	...	0	...	...	0	...	...	0·63	...	...	0	Kargil.

Tabl

Abstract of observations taken at 8 hrs

Number of subdivision.	Station.	Temperature of air.													Wind direction.										
															Number of winds from										
		Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range during month.	Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Resultant direction.	Normal direction.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	2
	Hill Stations, exclusive of Kashmir.																								
	Panighatta	78·8	87·5	...	73·7	...	80·6	...	13·8	95·3	11th	69·2	14th	26·1	...	...	...	...	...	...	...	...	...	...	
	Kurseong	67·6	73·5	...	64·2	...	68·9	...	9·3	77·1	29th	60·4	6th	16·7	...	...	...	...	...	...	...	...	...	...	
	Gnatong	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Lachung	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Ringim	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Poo	...	79·5	...	57·7	...	68·6	...	21·8	89·5	13th	51·6	27th	37·9	12	...	...	2	...	...	4	12	...	S 77° W	
	Kailang	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Bakloh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Drosh	77·5	95·2	...	70·9*	...	83·0*	...	24·3	102·2	13th	56·5	27th	45·7	9	...	...	8	...	5	4	4	...	S 7° E	
	Pishin	...	95·9	...	61·2	...	78·6	...	34·7	100·9	10th	54·1	28th	46·8	...	...	...	...	...	...	...	...	...	...	
	Kalat	77·8	93·0	+0·8	54·1	+5·2	73·5	+3·0	38·9	101·7	9th	46·4	18th	55·3	...	5	...	2	...	20	...	3	...	S 4° W	
	Extra India.																								
	Ahwaz	...	105·5	...	79·4	...	92·4	...	26·1	113·0	30th	71·2	6th & 20th.	41·8	...	...	...	...	...	...	...	...	...	...	
	Birjand	...	...	...	...	...	...	...	Observations not received.				...	...	...	...	...	...	...	...	...	...	...	...	
	Chumbi	54·9	65·5	...	49·2	...	57·4	...	16·3	71·0	10th	39·4	1st	31·6	...	...	...	...	...	...	...	...	...	...	
	Kirmanshah	72·7	87·7	...	52·9	...	70·3	...	34·8	94·0	15th & 18th.	43·0	20th	51·0	...	...	...	...	...	...	...	...	...	...	
	Koweit	...	96·4	...	79·4	...	87·9	...	17·0	104·4	30th	75·2	23rd	29·2	1	5	...	...	...	2	5	2	15	N 58° W	
	Maidan	...	107·8	...	75·9	...	91·9	...	31·9	113·7	30th	69·2	1st	44·5	...	...	...	...	...	...	...	...	...	...	
	Muhammerah	...	97·3	...	78·8	...	88·1	...	18·5	105·6	30th	70·2	20th	35·4	...	13	...	...	1	1	...	...	12	N 22° W	
	Pemba	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Prison Island	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	

* Mean of 29 days.

C—*concluded.*

at 40 fourth class stations in India, etc., in June, 1911—concluded.

Wind velocity.			Wind steadiness.		Hygrometry, 8 hrs.				Cloud.		Rainfall.									Heaviest rainfall during month.	Station.
Mean velocity, miles per hour.	Normal.	Departure from normal.	Actual percentage.	Departure from normal.	Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs. in inches of mercury.	Departure from normal in inches of mercury.	Mean cloud amount at 8 hrs.	Departure from normal.	Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st May to 30th June, 1911.	Normal rainfall for period, 1st May to 30th June.	Departure from normal of period 1st May to 30th June, 1911.		
27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
																					Hill Stations, exclusive of Kashmir.
...	...	...	...	...	84	...	·820	...	...	...	21	...	...	26·55	...	...	39·40	...	...	4·15	Panighatta.
...	...	...	...	...	90	...	·606	...	...	...	21	...	...	32·88	...	...	47·34	...	...	4·72	Kurseong.
...	...	...	...	...	...	...	...	...	...	...	27	...	...	27·29	...	...	45·03	...	...	3·90	Gnatong.
...	...	...	...	...	...	...	...	...	...	...	20	...	...	10·16	...	...	16·16	...	...	1·52	Lachung.
...	...	...	...	...	...	...	...	...	...	...	21	...	...	27·59	...	...	47·78	...	...	4·67	Ringim.
...	...	...	43	...	...	...	...	...	4·2	...	0	...	...	0·05	0·27	—0·22	0·59	0·98	—0·39	0·05	Poo.
...	...	...	...	...	...	...	...	...	...	...	1	...	...	0·29	1·34	—1·05	1·86	3·92	—2·06	0·26	Kailang.
...	...	...	...	...	...	...	...	...	...	...	5	...	...	5·13	...	...	5·13†	...	...	2·52	Bakloh.
...	...	...	27	...	50	...	·460	...	1·7	...	1	...	...	0·34	...	...	2·19	...	...	0·33	Drosh.
...	...	...	...	...	...	...	...	...	...	...	0	0·20	—0·20	0	0·03	—0·03	0·02	0·22	—0·20	0	Pishin.
...	...	...	50	...	52	...	·486	...	...	...	0	0·50	—0·50	0	0·46	—0·46	0·15	0·72	—0·57	0	Kalat.
																					Extra India.
...	...	...	...	...	...	...	...	...	...	...	0	...	...	0	...	...	0·03	...	...	0	Ahwaz.
...	...	...	...	...	...	...	...	...	Observations not received.							...	...	...	...	...	Birjand.
7·4	...	...	...	...	83	...	·359	...	...	...	18	...	...	8·02	...	...	12·22	...	...	1·20	Chumbi.
...	...	...	...	...	40	...	·319	...	...	...	0	...	...	0	...	...	0·81	...	...	0	Kirmanshah.
...	...	...	60	...	...	...	...	...	...	...	0	...	...	0	...	...	0·05	...	...	0	Koweit.
...	...	...	...	...	...	...	...	...	...	...	0	...	...	0	...	...	0·15	...	...	0	Maidan.
...	...	...	70	...	...	...	...	...	...	...	0	...	...	0	...	...	0·10	...	...	0	Muhammerah.‡
...	...	...	...	...	...	...	...	...	...	...	11?	...	...	5·79	...	...	27·14	...	...	?	Pemba.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	No rainfall observations.					...	Prison Island.

‡ Wind variable 3.

† Total rainfall since 1st June, 1911.

TABLE A.—Abstract of observations taken at 10 hrs. and 16 hrs. at 34 stations in India, etc., in July, 1911.

Table

Abstract of observations taken at 10 hrs. and 16 hrs. at

Number of subdivision.	Station.	Elevation of barometer cistern above sea-level, in feet.	Pressure. Mean of 10 hrs.	Pressure. Mean of 16 hrs.	Pressure. Mean daily range.	Pressure. Mean of daily mean pressures.	Pressure. Departure from normal.	Pressure. Mean reduced to sea-level and gravity, 45° Lat.	Temperature of air. Mean maximum.	Temperature of air. Mean minimum.	Temperature of air. Mean daily range.	Temperature of air. Highest maximum.	Temperature of air. Lowest minimum.	Temperature of air. Absolute range.	Temperature of air. Mean 10 hrs.	Temperature of air. Mean 16 hrs.	Temperature of air. Mean of daily means.	Temperature of air. Departure from normal.	Temperature, wet-bulb. Mean minimum.	Temperature, wet-bulb. Mean 10 hrs.	Temperature, wet-bulb. Mean 16 hrs.	Temperature, wet-bulb. Mean of three previous columns.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	I.—Burma.																					
2	Rangoon . .	18	29·770	29·688	·082	29·732	—·018	29·688	84·7	76·2	8·5	89·9	72·6	17·3	81·1	80·3	78·6	— 0·2	74·5	77·6	76·7	76·3
	III.—Bengal.																					
6	Calcutta .	21	·571	·487	·084	·535	—·005	·501	90·5	79·4	11·1	95·4	74·8	20·6	86·4	87·3	84·6	+ 1·6	77·2	80·8	81·2	79·8
	IV.—United Provinces of Agra and Oudh.																					
10	Allahabad . .	309	·243	·132	·111	·192	—·013	·444	101·0	83·3	17·7	110·0	77·5	32·5	92·9	99·1	91·1	+ 6·6	76·2	78·7	79·6	78·2
11	Dehra Dun . .	2,233	27·350	27·278	·072	27·311	—·049	·445	89·3	75·1	14·7	96·0	68·5	27·5	83·8	87·3	81·4	+ 2·7	70·7	74·9	76·6	74·1
	V.—Punjab.																					
12	Lahore .	702	28·788	28·700	·088	28·740	—·028	·379	106·7	83·1	23·6	114·4	74·6	39·8	96·9	104·4	94·0	+ 4·9	74·6	78·4	79·4	77·5
	VIII.—Rajputana.																					
19	Jaipur . .	1,431	·179	·077	·102	·127	+·012	·467	101·6	80·0	21·6	110·1	76·1	34·0	91·2	99·6	89·6	+ 4·9	71·8	76·0	77·1	74·9
	Udaipur . .	1,925	27·750†	27·672‡	·078	27·710		·544‡	91·3‡	75·5§	15·8	98·5	70·9	27·6	84·2†	89·8‡	82·3‡		70·8‖	72·9†	74·4‡	72·7
	IX.—Bombay.																					
26	Bombay . .	37	29·751	29·686	·065	29·718	+·046	·694	85·6	78·9	6·7	89·4	74·6	14·8	82·8	83·0	80·8	+ 1·3	76·0	78·4	78·3	77·6
	XI.—Central Provinces.																					
24	Nagpur . .	1,017	28·659	28·558	·101	28·611	+·037	·574	90·4	75·7	14·7	98·6	72·6	26·0	83·2	87·1	82·0	+ 1·6	69·8	74·9	75·4	73·4
	XII.—Hyderabad.																					
29	Hyderabad .	1,690	·064	27·963	·101	·018	+·022	·634	89·0	72·9	16·1	97·8	69·9	27·9	80·8	86·1	79·5	+1·6	69·2	72·1	73·3	71·5
	XIII.—Mysore.																					
30	Bangalore . .	3,021	26·882	26·798	·084	26·848	+·020	·756	81·1	65·4	15·7	85·9	63·8	22·1	74·4	77·3	71·3	— 0·7	64·5	68·6	69·2	67·5
	Mysore . .	2,518	27·385	27·310	·075	27·355	+·021	·793	80·3	66·7	13·6	86·8	65·8	21·0	76·1	76·9	71·6	— 1·2	65·6	70·3	71·5	69·1
	XIV.—Madras.																					
32	Pudukkottai .	318	29·532	29·422	·110	29·477		·722	95·6	77·3	18·3	101·2	73·3	27·9	87·3	92·6	86·5		73·0	77·3	79·0	76·4
	Madras . .	22	·772	·659	·113	·727	+·009	·681	98·2	79·7	18·5	103·5	74·1	29·4	90·0	92·3	87·4	+ 1·7	74·4	77·8	79·7	77·3
	Bay Islands.																					
1	Port Blair . .	58	·776	·704	·072	·744	—·001	·731	84·7	77·3	7·4	87·8	72·8	15·0	82·9	82·7	79·5	— 0·4	74·5	78·0	77·9	76·8
	Kashmir.																					
14	Srinagar . .	5,204	24·678	24·604	·074	24·637	+·007	24·608	86·7	61·1	25·6	94·1	52·7	41·4	75·8	84·6	72·1	— 0·9	57·4	70·0	77·3	68·2
	Leh . . .	11,503	19·623	19·518	·105	19·575	—·018	19·543	75·2	47·3	27·9	84·9	40·4	44·5	64·3	72·0	58·5	— 3·1	42·1	50·6	53·2	48·6
	Baluchistan.																					
16	Quetta . .	5,502	24·465	24·399	·066	24·430	+·039	24·390	93·1	58·4	34·7	99·5	51·5	48·0	85·0	90·9	75·3	— 3·0	51·2	59·9	60·9	57·2

N.B.—Elevations in italics indicate barometric determinations.

NOTE.—The barometric readings are not reduced to sea-level, in the cases of hill or plateau stations, the elevations of which exceed 3,200 feet.

† Mean of 27 days. ‡ Mean of 26 days. § Mean of 28 days. ‖ Mean of 24½ days. ¶ Mean of 11½ days.

A.

34 stations in India, etc., in July, 1911.

Vapour tension in inches of mercury.					Humidity.					Cloud.				Wind direction.											Wind steadiness.		Wind velocity.		Rainfall.		Station.
														Total number of 10 hrs. and 16 hrs. winds from																	
From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	Mean 10 hrs.	Mean 16 hrs.	Mean of two previous columns.	Departure from normal.	Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Mean wind direction.	Normal mean wind direction of month.	Average percentage.	Normal percentage.	Mean velocity in miles per diem.	Normal.	Total rainfall for the month.	Heaviest rainfall during the month.	
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	54	55
																															I.—Burma.
·833	·897	·869	·880	—·022	92	85	84	90	— 3	9·1	9·5	9·5	+0·4	7	1	1		3	23	22	5		S 24° W	S 36° W	69	75	54	122	22·26	4·09	Rangoon.
																															III.—Bengal.
·904	·976	·980	953	—·018	90	78	76	82	— 5	8·0	8·3	8·1	—0·5			2	4	11	16	21	5	3	S 14° W	S 1° W	58	63	126*	120	5·45	1·36	Calcutta.
																															IV.—United Provinces of Agra and Oudh.
·810	·792	·749	·797	—·148	72	53	42	57	—23	7·1	7·6	7·3	—0·8	5	4	5	2	2	3	7	25	9	N 9° W	N 75° E	48	6	160	175	2·79	1·11	Allahabad.
·696	·750	·783	·770	—·051	80	66	62	72	—14	4·4	5·6	5·0	—2·5	15	1	5		10	10	4	10	7	S 35° W	S 12° W	21	14	24*	26	4·39	1·15	Debra Dun
																															V.—Punjab.
·744	·726	·668	·731	—·132	66	43	32	48	—17	1·3	0·8	1·1	—3·2	7	2	3	2	6	17	3	16	6	S 43° W	S 78° E	34	30	77	82	1·14	0·95	Lahore.
																															VIII.—Rajputana
·679	·709	·648	·688	—·146	66	49	35	52	—24	2·9	3·9	3·4	—4·0		2					12	32	16	N 85° W	N 78° W	84	30	184*	130	2·86	1·44	Jaipur.
·691§	·669†	·660‡	·677		79§	58†	47‡	61		4·8†	3·5‡	4·1‡			1				1	22	27	1	S 71° W		76		206‖		1·69	0·47	Udaipur ††
																															IX.—Bombay.
·853	·911	·904	·904	—·017	87	81	80	84	— 3	7·5	8·1	7·8	—0·9		1	1			2	21	31	6	S 78° W	S 75° W	82	83	307*	466	15·24	4·38	Bombay.
																															XI.—Central Provinces.
·655	·758	·728	·725	—·102	71	63	58	69	—13	6·1	7·5	6·8	—2·1		1					1	11	11	N 68° W	S 89° W	16	69	89¶	209	5·43	0·95	Nagpur. ‡‡
																															XII.—Hyderabad.
·663	·675	·653	·674	—·049	82	65	55	69	— 5	6·7	7·7	7·2	—0·8	10					1	1	48	2	S 89° W	N 85° W	81	86	173	238	6·99	1·46	Hyderabad
																															XIII.—Mysore.
·596	·626	·623	·615	+·008	95	74	68	80	+ 3	8·4	8·4	8·4								14	42	6	S 84° W	S 72° W	90	88	266	230	6·07	2·86	Bangalore.
·618	672	704	665	+·048	94	75	77	83	+ 7	9·3	9·3	9·3	+0·1							28	32	2	S 71° W	S 78° W	90	91	300	346	5·05	2·15	Mysore.
																															XIV.—Madras.
752	796	·812	787		81	60	54	65		6·9	8·6	7·7		4						15	26	17	N 88° W		77		266		2·33	2·25	Pudukkottai.
·777	784	·243	·816	+·001	77	56	56	64	— 4	4·8	6·2	5·5	—1·8				4	6	1	8	34	9	S 85° W	S 51° W	61	66	191*	190	1·14	0·45	Madras.
																															Bay Islands.
·815	·893	·888	·880	—·037	87	80	80	83	— 3	8·7	9·1	8·9	+0·8	1				1	5	24	30	1	S 65° W	S 48° W	84	86	326	278	9·97	1·30	Port Blair.
																															Kashmir.
·433	·682	·859	·604	—·035	80	76	72	§§ 76	— 6	1·6	3·6	2·6	—1·4	22	3	6		7	3	3	1	17	N 30° W	N 48° W	18	15	67	94	0·72	0·40	Srinagar.
·224	·252	·241	·231	—·019	68	42	31	47	+ 1	4·2	5·0	4·6	—0·7		3	3	2	2	14	13	23	2	S 57° W	S 75° W	53	39	80	50	0·40	0·19	Leh.
																															Baluchistan.
·307	** ·257	** ·220	·265	—·163	62	** 22	** 16	33	—12	1·7	1·9	1·8	+0·1	31	4		1	1	2	1	9	13	N 61° W	S 84° W	32	29	41	79	0·05	0·05	Quetta.

* Uncorrected for scale error. ** Mean of 29 days. †† Wind observations less 10. ‡‡ Wind observations less 38. §§ Mean of three previous columns.

Tabl

Abstract of observations taken at 10 hrs. and 16 hrs. a

Number of subdivision.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure. Mean of 10 hrs.	Mean of 16 hrs.	Mean daily range.	Mean of daily mean pressures.	Departure from normal.	Mean reduced to sea-level and gravity, 45° Lat.	Temperature of air. Mean maximum.	Mean minimum.	Mean daily range.	Highest maximum.	Lowest minimum	Absolute range.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	Temperature, Wet-bulb. Mean minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of three pre-
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	Hill Stations excluding Kashmir and Baluchistan.																					
	Simla	7,232	22·996	22·964	·032	22·978	+·020	22·940	72·5	61·7	10·8	78·7	53·2	25·5	67·1	70·1	66·7	+2·4	55·6	59·9	61·5	59
	Sarain		23·016	·979	·037	·993		·955	74·1	58·1	16·0	79·2	52·3	26·9	69·7	70·5	65·7			60·1	61·0	
	Kalabagh		20·067	20·051	·016	20·055		20·017	55·6	46·7	8·9	60·1	43·1	17·0	51·4	53·8	53·8			48·1	49·6	
	Chakrata	7,022	23·150	23·109	·041	23·123	—·001	23·083	73·0	61·0	12·0	78·1	57·1	21·0	70·1	68·6	66·6	+1·9	57·6	64·5	64·0	62
	Mukteswar	7,592	22·716	22·671	·045	22·691		22·649	73·2	57·9	15·3	79·5	54·4	25·1	66·1	69·2	65·1		54·8	61·1	62·8	59
	Katmandu	4,388	25·498	25·415	·083	25·455	+·065†	25·409	83·9	69·1	14·8	88·8	66·3	22·5	76·1	79·2	76·1	+1·0†	67·1	71·0	72·7	70
	Darjiling	7,376	22·869	22·807	·062	22·836	—·060	22·791	67·6	58·6	9·0	71·7	56·4	15·3	63·1	64·4	62·7	+1·2	58·5	62·3	62·9	61
	Pachmarhi	3,528	26·259	26·186	·073	26·223	+·023	26·169	78·8	68·3	10·5	88·2	64·1	24·1	72·0	74·5	73·1	+1·6	65·7	68·6	68·0	67
	Mount Abu	3,945	25·872§	25·821‖	·051	25·847	+·043	25·791‖	79·9	65·8	14·1	85·4	62·6	22·8	71·2	73·8	72·1	+2·6	62·4	66·2	68·3	6
	Chikalda	3,642	26·182	26·111	·071	26·147	+·041	26·091	76·9	66·2	10·7	86·4	63·9	22·5	71·3	75·3	71·2	+1·5	65·0	68·6	70·1	6
	Ootacamund	7,327	23·021	22·967	·054	22·993		22·929	60·1	51·6	8·5	67·8	49·9	17·9	57·0	56·6	55·5		50·6	55·0	54·9	5
	Kodaikanal	7,688	22·799	·744	·055	·772		·706	60·5	52·0	8·5	65·3	50·2	15·6	57·9	56·9	56·2		49·4	55·1	54·7	5
	Dodabetta	8,539	·010	21·959	·051	21·983		21·920	54·4	47·2	7·2	63·7	44·5	19·2	52·1	51·4	50·4		45·7	51·4	50·8	4
	Extra India.																					
	Minicoy	7	29·955	29·917	·038	29·943																
	Zanzibar	72	30·173	30·076	·097	30·132	+·065	30·131	78·7	71·0‡	7·7	80·8	69·1	11·7	74·8	77·7	74·7‡	—1·7	63·3	70·3	69·7	6
	Diego Garcia							Observations	not	received.												
	Seychelles	15	30·051	29·973	·078	30·013	+·020†	29·952	80·4	75·9	4·5	82·2	73·4	8·8	78·2	79·3	76·9	+0·5†	69·0	72·8	73·2	7
	Mauritius	181						Observations	not	received.												

N.B.—Elevations in italics indicate barometric determinations.

NOTE.—The barometric readings are not reduced to sea-level, in the cases of hill or plateau stations, the elevations of which exceed 5,200 f

† Departure from old normal.

‡ Mean of 29 days.

A—*concluded.*

34 stations in India, etc., in July, 1911—concluded.

Vapour tension, in inches of mercury.					Humidity.					Cloud.				Wind direction.											Wind steadiness.		Wind velocity.		Rainfall.		Station.
														Total number of 10 hrs and 16 hrs. winds from																	
From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	Mean 10 hrs.	Mean 16 hrs.	Mean of two previous columns.	Departure from normal.	Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Mean wind direction.	Normal mean wind direction of month.	Average percentage.	Normal percentage.	Mean velocity in miles per diem.	Normal.	Total rainfall for the month.	Heaviest rainfall during the month.	
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	54	55
																															Hill Station excluding Kas and Baluchist
·380	·440	·457	·430	—·100	70	68	63	67	—21	5·9	6·6	6·3	—2·5																4·72	1·16	Simla.
	420	·439				58	60			6·4	5·6	6·0		27	1		1	1	14	16	2		S 24° W		45		17		5·32	1·40	Sarain.
	·308	·320				81	78			7·3	8·2	7·7		11	6			9	14			22	N 84° W		14		276		5·80	1·13	Kalabagh.
·439	·518	·516	·507	—·019	82	75	79	79	—10	5·9	7·7	6·8	—1·5	4	1	1		26	29			1	S 22° E	S 66° W	79	42	71	149	6·84	2·41	Chakrata.
·396	·487	·506	·430		83	77	72	77		6·3	7·0	6·7		20			1			2	37	2	W		63		221		3·06	0·86	Mukteswar.
·640	700	·724	·685	—·008	90	78	73	80	—1	7·8	8·2	8·0	+1·2	16			23				22	1	N 19° E	S 63° W	2	11	15*	21	11·37	1·81	Katmandu.
*489	·549	·557	·536	+·012	99	95	92	95	0	9·9	9·3	9·6	+0·6	52		1		4	1	2	2		S 1° E	S 75° E	6	32	18	86	41·59	5·82	Darjiling.
·602	·659	·667	·653	—·033	88	85	74	82	—6	5·8	5·9	5·9	—3·2		3	1				12	37	9	N 87° W	N 87° W	82	75	288	259	13·14	4·14	Pachmarhi.
·525	·587	·563	·570	—·083	83	77	58	73	—15	6·5	6·3	6·4	—2·1					1	15	38	6	2	S 40° W	S 51° W	86	68	319	276	0·92	0·50	Mount Abu.
·604	672	·677	·661	—·005	94	88	79	87	—4	8·6	7·6	8·1	—0·8	10						3	4	45	N 52° W	N 51° W	77	67	205	240	7·73	1·50	Chikalda.
·358	·412	·412	·391		94	89	90	91		9·6	9·9	9·7		3				1	1	12	32	13	S 89° W		79		202		10·64	2·99	Ootacamund.
·329	·408	·410	·382		85	85	83	86		8·2	9·2	8·7		1	1			2	1	1	28	28	N 69° W		81		460*		5·73	1·52	Kodaikanal.
·291	·371	·365	·342		90	95	96	94		9·8	9·9	9·9		1						12	39	10	S 88° W		84		513		9·59	2·24	Dodabetta.
																															Extra India
										5·1	5·8	5·5								5	52	5	W		95		330		9·65	2·05	Minicoy.
·594‡	·678	·619	·652	—·065	78‡	79	66	73	—4	5·7	5·6	5·7	+0·5				2	11	36	13			S 1° E	S 6° E	85	83	210	197	1·53	0·87	Zanzibar.
										Observations not received.																					Diego Garcia.
·618	·732	·737	·711	—·040	69	75	74	74	—4	5·0	5·8	5·4	†—0·2	1				28	28	5			S 18° E	S 33° E	87	86	227*	289	1·42	0·57	Seychelles.
										Observations not received.																					Mauritius.

* Uncorrected for scale error. ‖ Mean of 11 days. § Mean of 15 days.

Table B.—Abstract of observations taken at 8 hrs. at 241 stations in India, etc., in July, 1911.

(1) Provincial means.

(2) Data of stations.

(1) Provincial means based on the material in Table B (2) except that the statement of rain depends on the complete data of about 2,000 stations.

	Pressure departure from normal.	Temperature of air.								Wind.		Hygrometry.				Cloud.		Rainfall.		
		Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Absolute range during month.	Departure of velocity from normal.	Departure of steadiness from normal.	Mean humidity.	Departure from normal.	Mean vapour tension.	Departure from normal.	Mean cloud amount.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	[illegible]
Burma	—·029	86·3	—0·5	75·4	0	80·8	—0·3	10·9	19·5	+0·1	— 5	89	0	·873	—·006	8·5	+0·4	16·70	17·52	—
Eastern Bengal and Assam	—·026	87·4	—0·7	77·8	—0·3	82·6	—0·5	9·6	18·2	—1·5	—15	90	— 1	·954	—·009	7·8	—0·4	21·69	17·89	+
Bengal	—·009	92·1	+2·5	79·4	+0·9	85·7	+1·7	12·7	23·2	—0·4	+ 9	82	— 5	·918	—·021	7·0	—0·5	7·30	12·86	—
United Provinces of Agra and Oudh.	—·026	100·1	+8·6	82·1	+3·3	91·1	+5·9	18·0	33·0	+0·8	+11	65	—18	·879	—·088	4·5	—2·5	2·94	12·11	—
Punjab	—·023	104·5	+5·6	82·5	+1·9	93·5	+3·7	22·0	37·3	+0·1	+10	56	—16	·746	—·134	2·4	—2·1	1·06	5·83	—
North-West Frontier Province	—·040	107·0	+3·9	80·8	—0·1	93·9	+1·9	26·2	37·8	—1·1	—11	53	—13	·725	—·130	2·0	—0·8	0·47	3·17	—
Sind	+·025	98·3	0	80·5	—1·0	89·4	—0·5	17·8	25·6	—0·8	— 4	70	— 2	·826	—·066	3·3	—2·0	0	2·40	—
Rajputana	+·030	100·0	+6·7	81·1	+2·6	90·6	+4·6	18·9	30·6	+3·2	+34	57	—15	·685	—·141	3·9	—2·5	1·21	6·8	—
Bombay	+·043	88·4	+1·9	75·7	+0·3	82·0	+1·1	12·7	21·5	—1·5	— 2	79	— 4	·807	—·029	7·2	—0·6	7·37	1[illegible]·60	—
Central India	+·028	93·2	+5·9	77·4	+2·0	85·3	+3·9	15·8	29·0	+1·5	+16	73	—11	·763	—·068	7·6	+0·2	4·46	[illegible]·95	—
Central Provinces	+·033	89·3	+3·4	74·6	+0·6	81·9	+2·0	14·7	25·8	+0·5	+ 4	77	— 8	·749	—·056	7·0	—0·8	6·92	12·75	—
Hyderabad	+·024	89·1	+0·9	72·8	+0·2	81·0	+0·5	16·3	28·6	—2·5	+ 5	76	— 2	·699	—·023	6·3	—1·7	7·1	6·94	+0·1
Mysore	+·017	80·5	—0·3	66·3	—0·2	73·4	—0·3	14·1	21·7	+1·3	+ 1	85	+ 2	·642	+·009	8·7	+0·1	8·1	7·09	+1·1
Madras	+·019	91·5	—0·2	76·4	—0·3	84·0	—0·2	15·0	25·1	+0·8	+ 7	75	0	·793	+·001	6·7	—0·7	·85	6·86	—1·0

Table

(2) Abstract of observations taken at 8 hrs. at 24

Number of subdivision.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	I.—Burma.																						
2	Victoria Point	97	29·742		29·769	29·826	8th	29·663	25th	·163	78·4	83·7		74·5		79·1		9·2	87·2	3rd	71·2	11th	16·0
	Mergui	65	29·776	—·022	29·771	29·882	7th	29·686	22nd	·195	77·5	83·1	—1·4	73·0	+0·5	78·1	—0·5	10·1	88·9	3rd	70·4	10th & 17th.	18·5
	Tavoy	19	29·826	—·020	29·778	29·934	9th	29·731	21st	·203	77·3	82·3	—0·5	75·3	+1·2	79·0	+0·3	7·5	87·5	3rd & 28th.	72·3	9th	15·2
	Moulmein	94	29·705	—·013	29·737	29·838	9th	29·575	22nd	·263	77·1	82·9	—0·1	74·3	+0·1	78·6	0	8·6	87·5	3rd & 28th.	72·3	9th, 19th & 23rd.	15·2
	Rangoon	18	29·757	—·022	29·713	29·867	13th	29·628	22nd	·239	79·0	84·9	—0·4	76·1	+0·3	80·5	—0·1	8·8	90·1	25th	72·4	24th	17·7
	Bassein	27?	29·736	—·011	29·700	29·849	13th	29·630	25th	·219	78·9	84·7	0	76·3	+0·5	80·5	+0·3	8·4	90·7	28th	73·9	8th, 9th & 19th.	16·8
	Diamond Island	41	29·714	—·032	29·690	29·831	13th	29·605	25th	·226	81·0	84·4	+0·1	73·6	—2·0	79·0	—0·9	10·8	87·4	3rd	69·2	23rd	18·2
	Toungoo	164	29·581	—·028	29·683	29·686	9th & 10th	29·432	22nd	·254	78·2	86·3	—0·4	75·4	+0·3	80·8	—0·1	10·9	92·0	4th	71·9	23rd	20·1
	Kyaukpyu	18	29·678		29·636	29·785	28th	29·530	16th	·255	79·3	85·0		76·0		80·5		9·0	89·0	2nd & 6th.	72·4	24th	16·6
	Akyab	20	29·666	—·023	29·627	29·786	3rd	29·508	16th	·278	79·7	84·9	+0·2	77·1	—0·4	81·0	—0·1	7·8	88·9	5th & 31st.	73·5	23rd & 24th.	15·4
3	Thayetmyo	121	29·555	—·034	29·648	29·701	9th	29·437	22nd	·264	80·7	89·3	+0·4	77·0	+0·7	83·1	+0·5	12·3	94·9	3rd	73·4	23rd	21·5
	Minbu	*165*	29·521	—·033	29·628	29·657	9th	29·384	22nd	·273	80·7	91·7	+0·4	77·1	—0·1	84·4	+0·1	14·6	97·3	2nd & 5th.	74·0	25th	23·
	Yamethin	657	29·035	—·051	29·641	29·137	3rd	28·898	22nd	·239	77·8	87·6	—2·4	74·5	—0·1	81·0	—1·3	13·1	94·8	5th	71·5	24th	23·
	Mandalay	250	29·425	—·034	29·621	29·528	3rd	29·294	18th	·244	81·8	95·6	—0·6	77·9	—0·5	85·8	—0·5	15·7	98·0	2nd, 17th & 18th.	72·6	24th	25·
	Monywa	*280*	29·390		29·617	29·513	3rd	29·255	18th	·258	81·2	92·8		79·4		86·1		13·4	99·8	2nd	73·6	24th	26·
	Lashio	*2,820*	26·927	—·052	29·616	27·043	28th	26·794	22nd	·249	73·0	81·1	—2·5	70·1	+0·8	75·6	—0·9	11·0	86·8	29th	67·5	24th	19·
	Bhamo	*381*	29·273	—·035	29·606	29·391	3rd	29·119	18th	·272	78·3	87·1	—0·7	74·4	—0·7	80·7	—0·7	12·7	93·4	28th & 29th.	73·1	5 days	20·
	Myitkyina	458	29·169		29·585	29·304	28th	29·025	22nd	·279	78·1	86·1		75·2		80·7		10·8	94·7	27th	75·5	1st	21·
	II.—Eastern Bengal and Assam.																						
4	Dibrugarh	353	29·260		29·573	29·415	28th	29·109	18th	·306	78·1	84·7		75·9		80·3		8·8	88·9	26th & 27th.	73·1	1st, 14th & 15th.	15·
	Sibsagar	333	29·289	—·043	29·578	29·467	28th	29·123	18th	·344	80·4	87·2	—2·8	77·6	—0·3	82·4	—1·5	9·6	92·6	22nd	74·1	1st	18·
	Tezpur	252	29·351		29·571	29·515	28th	29·202	18th	·313	79·7	88·6		78·0		83·3		10·6	92·6	10th & 28th.	71·9	2nd	20·
	Gauhati	195	29·410		29·558	29·566	28th	29·237	17th & 18th.	·329	81·2	88·9		78·1		83·5		10·8	92·8	12th & 30th.	75·1	1st	17·
	Dhubri†	115	29·478	—·021	29·547	29·637	28th	29·314	17th	·323	80·8	84·9	—1·0	77·9	—0·4	81·4	—0·7	7·0	88·5	9th & 30th.	74·1	2nd	14·
	Silchar	104	29·535	—·033	29·592	29·687	28th	29·345	17th	·342	79·8	87·9	—2·3	76·8	—0·4	82·4	—1·3	11·1	92·8	18th & 26th.	72·3	18th	20·
	Cox's Bazar	36	29·613		29·594	29·747	3rd	29·446	17th	·301	79·6	85·7		76·2		81·0		9·5	88·7	4 days	73·2	21st	15·
	Chittagong	87	29·561	—·014	29·596	29·702	28th	29·367	17th	·335	79·8	85·7	0	76·4	—0·2	81·0	—0·1	9·3	89·0	2nd & 5th.	73·0	24th	16·
	Noakhali	43	29·586		29·576	29·741	3rd	29·381	17th	·360	80·9	85·5		78·1		81·8		7·1	88·3	3rd, 5th & 6th.	73·4	24th	14·
	Backergunge	12	29·597	—·008	29·556	29·758	28th	29·425	17th	·333	82·4	88·1	+0·8	78·0	—0·6	83·1	+0·1	10·1	96·8	22nd	73·6	1st	23·
	Comilla	36	29·581		29·564	29·732	28th	29·384	17th	·348	80·5	87·5		77·7		82·6		9·8	91·3	6th & 29th.	73·3	24th	18·
	Narayanganj	26	29·575	—·023	29·550	29·737	28th	29·375	17th	·362	82·4	83·4	+0·1	79·0	—0·2	83·7	—0·1	9·4	92·0	3rd & 7th.	74·8	1st	17·
	Faridpur	46	29·553		29·549	29·717	28th	29·384	17th	·333	82·1	88·4		78·4		83·4		10·0	92·3	22nd & 23rd.	72·9	24th	19·
	Sirajganj	49	29·546		29·546	29·709	28th	29·373	17th	·336	81·0	85·8		77·7		81·7		8·1	88·4	4 days	72·3	19th	16·
	Mymensingh	63	29·545	—·020	29·560	29·710	28th	29·368	18th	·342	81·3	86·5	—0·6	77·9	—0·4	82·2	—0·5	8·6	90·1	29th	73·5	1st	16·
	Bogra	75	29·516	—·018	29·542	29·682	28th	29·340	17th	·342	81·3	88·5	—0·6	78·0	—0·5	83·3	—0·5	10·5	94·2	23rd	73·2	24th	21·
	Rampur Boal	70	29·511		29·531	29·683	28th	29·360	16th	·323	83·4	89·3		79·8		84·6		9·5	94·1	1st	74·1	1st & 26th.	2·
	Malda	72	29·486		29·509	29·660	2nd	29·347	17th	·313	82·0	89·7		78·5		84·0		11·2	96·3	1st & 2nd.	73·5	2nd	2·
	Dinajpur	123	29·438	—0·34	29·515	29·600	28th	29·282	17th & 21st.	317	81·3	89·0	—0·1	78·8	—0·1	83·9	—0·1	10·2	93·8	3rd	75·0	2nd	1·
	Rangpur	123	29·470		29·548	29·639	28th	29·318	17th	·321	82·2	88·6		78·6		83·6		10·0	92·6	23rd & 30th.	75·5	1st & 31st.	1·

† Mean of 30 days.

N.B.—Elevations in italics indicate barometrical determinations.
Note.—The barometric readings are not reduced to sea-level, in the cases of hill or pla

B.

stations in India, etc., in July, 1911.

Wind direction. Number of winds from Calm. (25)	N. (26)	N.E. (27)	E. (28)	S.E. (29)	S. (30)	S.W. (31)	W. (32)	N.W. (33)	Resultant direction. (34)	Normal direction. (35)	Wind velocity. Mean velocity, miles per hour. (36)	Normal. (37)	Departure from normal. (38)	Wind steadiness. Actual percentage. (39)	Departure from normal. (40)	Hygrometry, 8 hrs. Mean humidity at 8 hrs. (41)	Departure from normal. (42)	Mean vapour tension at 8 hrs., in inches of mercury. (43)	Departure from normal, in inches of mercury. (44)	Cloud. Mean cloud amount at 8 hrs. (45)	Departure from normal. (46)	Rainfall. Number of rainy days. (47)	Normal number of rainy days. (48)	Departure from normal. (49)	Rainfall of month. (50)	Normal rainfall of month. (51)	Departure from normal. (52)	Total rainfall from 1st May to 31st July, 1911. (53)	Normal rainfall for period, 1st May to 31st July. (54)	Departure from normal of period 1st May to 31st July, 1911. (55)	Heaviest rainfall during month. (56)	Station. (57)
																																I.—Burma.
2				5	2	15	5	2	S 43° W					66		89		·860		8·3		28			32·62			75·63			6·17	Victoria Point
12			6	1		14			S 11° W	S 70° W	8·8	1·8	+7·0	30	−25	92	0	·857	−·018	8·5	+1·0	29	25·60	+3·40	36·68	30·99	+ 5·69	87·14	78·48	+ 8·66	2·85	Mergui.
25					1	5			S 33° W	S 61° W	3·0*	1·6	+1·4	20	+ 2	92	0	·860	−·009	9·4	+1·2	30	23·00	+2·00	65·48	48·07	+18·41	122·30	116·23	+ 6·07	5·70	Tavoy.
2	1	3	5	12	6	2			S 3° E	S 2° E	6·8	3·8	+3·0	62	+19	91	+ 1	·875	+·003	9·5	+1·0	23	28·20	−2·20	46·67	45·51	+ 1·16	114·02	101·92	+12·10	3·80	Moulmein.
3			6	13	6		1		S 5° W	S 45° W	4·5	5·1	−0·6	72	− 2	90	− 4	·830	−·023	9·7	+0·7	26	25·70	+0·30	22·23	20·93	+ 1·33	54·48	50·73	+ 3·75	4·09	Rangoon.
10				1	9	8	3		S 27° W	S 18° W	4·9	4·5	+0·4	56	− 9	93	− 1	·922	+·003	9·1	+0·3	27	26·80	+0·20	24·86	24·77	+ 0·09	45·98	53·03	−12·05	2·55	Bassein.
2				1		24	4		S 49° W	S 43° W	14·3	10·5	+3·8	86	+ 5	86	0	·910	+·013	8·3	−0·5	24	24·00	0	31·32	25·54	+ 5·78	66·17	60·47	+ 5·70	3·82	Diamond Island.
3				12	13	3			S 15° E	S 31° E	4·4	5·2	−0·8	79	− 7	92	0	·897	−·007	7·0	−2·3	25	25·00	0	18·73	17·60	− 0·87	40·67	38·93	+ 1·74	2·59	Toungoo.
1			4	11	7	5		3	S 21° E		4·5*			56		90		·912		8·1		23			40·53			89·59			4·29	Kyaukpyu.
6	1	6	4	2	5	5		2	S 55° E	S 38° E	3·9	3·9	0	20	−35	93	− 1	·937	−·023	8·6	+0·3	25	27·80	−2·80	36·39	52·77	−16·38	99·55	109·45	− 9·90	4·33	Akyab.
3				2	23	3			S 1° W	S 70° E	4·0*	6·8	−2·8	89	− 1	86	+ 1	·899	+·025	9·6	+1·5	16	15·20	+0·80	8·35	6·77	+ 1·58	15·29	17·85	− 2·56	1·50	Thayetmyo.
1				25	5				S 37° E	S 39° E	7·1	12·3	−5·2	92	0	82	− 1	·860	−·013	8·0	+1·6	6	8·30	−2·30	5·15	4·19	+ 0·96	13·05	14·74	− 1·69	2·10	Minbu.
4				13	14				S 21° E	S 23° E	6·2	10·4	−4·2	82	−10	85	+ 2	·815	−·019	8·1	+3·1	11	9·60	+1·40	4·22	4·05	+ 0·17	10·92	15·29	− 4·37	0·84	Yamethin.
2				20	7	2			S 30° E	S 5° E	9·0	9·1	−0·1	82	+ 1	76	+ 1	·806	−·037	4·6	−3·6	2	6·20	−4·20	2·27	3·25	− 0·99	21·05	14·29	+ 6·77	1·18	Mandalay.
1			1	23	6				S 38° E		5·9			89		83		·837		9·6		4	3·60	+0·40	4·09	1·70	+ 2·39	15·30	12·27	+ 3·03	2·18	Monywa.
8	1				7	14	1		S 32° W		4·5*			62		80	− 1	·721	−·003	9·2	+0·3	15			15·93	12·18	+ 3·45	33·34	29·40	+ 3·94	4·45	Lashio.
28	1	1	1						N 45° E	N 70° W	1·3	1·9	−0·6	10	− 9	95	+ 3	·921	+·025	9·6	+0·9	26	21·50	+4·50	19·27	17·28	+ 1·99	41·64	37·49	+ 4·15	2·31	Bhamo.
25				4	2				S 31° E		0·9			20		92		·883		8·5		21			10·84	19·35	− 8·51	45·59	38·68	+ 6·91	1·80	Myitkyina.
																																II.—Eastern Bengal and Assam.
29				2					S 45° E		1·0			3		98		·923		8·7		23	20·40	+2·60	22·85	20·23	+ 2·62	57·78	48·42	+ 9·36	3·10	Dibrugarh.
8	2	7			6	5	1	2	S 41° W	S 11° E	2·5	2·9	−0·4	3	−13	91	− 2	·938	−·037	9·3	+0·4	22	19·20	+2·80	13·21	16·61	− 3·40	41·20	42·61	− 1·41	2·00	Sibsagar.
20		6	1			4			N 59° E		2·7			7		92		·928		8·6		21	17·20	+3·80	25·81	12·67	+13·14	52·15	32·27	+19·88	4·97	Tezpur.
25	1	3			1		1		N 28° E		2·0			7		89		·915		7·9		19	14·80	+3·20	10·08	10·13	− 0·05	32·60	34·31	− 1·71	1·43	Gauhati.
6		8	5	3	3	5			S 72° E	S 83° E	5·6	4·6	+1·0	30	+ 1	91	0	·959	+·015	6·9	−1·5	18	15·80	+2·20	17·74	16·49	+ 1·25	51·01	55·63	− 4·62	4·40	Dhubri.
23		4	2			1	1		N 56° E	N 84° E	2·4	2·7	−0·3	10	+ 3	92	+ 2	·939	−·008	6·8	−2·4	25	22·50	+2·50	21·52	19·12	+ 2·40	59·46	56·61	+ 2·85	3·63	Silchar.
		1	7	14	6	3			S 41° E		6·8			71		95		·957		6·7		24			35·51			88·94			5·95	Cox's Bazar.
4				21	4	2			S 34° E	S 36° E	3·9	7·3	−3·4	79	+ 5	89	0	·897	−·023	7·9	−0·4	21	19·45	+1·55	22·14	21·34	+ 0·80	60·73	51·04	+ 9·69	3·58	Chittagong.
2				15	7	7			S 15° E		6·5			38		90		·913		6·9		20	22·31	−2·31	22·75	24·27	− 1·52	76·38	56·91	+19·47	3·61	Noakhali.
17			1	3	6	3	1		S	S 14° E	1·3	4·3	−3·0	33	−10	82	− 6	·938	−·011	8·3	−0·6	17	20·58	−3·58	14·33	15·23	− 0·30	51·28	39·50	+11·78	3·54	Barisal.
5				25	1				S 43° E		2·5			40		91		·955		6·0		19	19·07	−0·07	19·44	14·69	+ 4·75	53·57	43·59	+ 9·98	2·40	Comilla.
4			3	7	10	5	1	1	S 8° E	S 27° E	5·8	7·8	−2·0	59	−12	88	− 2	·970	−·011	8·9	+0·2	14	17·78	−3·78	10·19	12·46	− 2·27	56·91	34·02	+22·89	1·61	Narayanganj.
2	1		1	5	19	2	1		S 5° E		4·3			37		90		·987		8·9		18	17·13	+0·87	16·15	12·78	+ 5·37	47·66	34·43	+13·18	5·97	Faridpur.
5			5	6	10	4		1	S 17° E		5·0*			29		93		·979		8·3		18	14·26	+3·74	19·97	11·66	+ 8·31	47·65	32·01	+15·64	4·97	Sirajganj.
23			3	4	1				S 56° E	S 49° E	1·3	4·1	−2·8	27	−41	90	− 1	·932	+·002	8·9	+1·0	21	19·65	+1·35	18·97	16·68	+ 2·29	57·06	48·45	+ 8·61	3·61	Mymensingh.
9			9	1	7	5			S 29° E	S 48° E	1·9	4·2	−2·3	43	−22	90	+ 1	·974	−·005	8·6	+0·4	18	15·94	+2·06	19·77	12·83	+ 6·93	44·53	34·40	+10·13	3·03	Bogra.
17				3	5	4	1	1	S 13° W		5·1			29		87		·931		7·8		9	15·15	−6·15	4·52	10·66	− 6·14	26·02	26·51	− 0·49	1·00	Rampur Boalia.
		2	5	9	4	4	3	4	S 29° E		5·0*			32		90		·982		5·0		13	15·45	−2·45	9·67	10·50	− 0·83	33·21	24·30	+ 8·91	2·10	Malda.
5		2	10	4	5	2	2	1	S 55° E	S 86° E	3·4	4·0	0·6	40	−17	90	0	·963	−·007	8·7	+0·3	17	16·36	+0·64	20·92	14·91	+ 6·01	41·84	33·09	+ 8·75	3·77	Dinajpur.
11		2	3	6	4	4	1		S 27° E		2·8			36		86		·944		6·2		15	15·42	−0·42	9·74	14·37	− 4·63	36·40	42·92	− 6·52	3·22	Rangpur.

stations, the elevations of which exceed 3,250 feet.

* Uncorrected for scale error.

Tab

(2) *Abstract of observations taken at 8 hrs. at 2*

Number of subdivision.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	II.—Eastern Bengal and Assam—*concld.*																						
5	Jalpaiguri	283	29·299	—·032	29·538	29·471	28th	29·151	21st	·320	80·0	88·0	—0·2	77·4	+0·6	82·7	+0·2	10·6	92·9	28th&29th	74·4	24th	18
	Cooch Behar	156	29·426		29·537	29·590	28th	29·266	23rd	·324	80·0	86·4		77·7		82·1		8·7	91·3	19th&30th	74·6	21th & 31st.	16
	III.—Bengal.																						
6	Saugor Island	25	29·559	—·001	29·529	29·714	3rd	29·454	17th	·260	84·4	89·3	+1·5	81·8	+1·2	85·5	+1·3	7·5	92·0	23rd	75·0	16th	17
	Midnapore	149	29·432†		29·527†	29·576	3rd	29·331	17th	·245	83·2†	92·2‡		78·8‡		85·5‡		13·4	97·3	23rd	73·7	1st	23
	Calcutta	21	29·563	—·006	29·531	29·722	3rd	29·429	16th	·293	82·6	90·5	+2·5	79·2	+0·7	84·9	+1·6	11·3	95·4	22nd	75·0	24th&27th	20
	Jessore	35	29·556	—·016	29·536	29·724	28th	29·392	17th	·332	82·4	90·0	+0·8	78·2	—0·8	84·1	0	11·8	94·5	22nd & 23rd.	71·2	24th	23
	Krishnagar	47	29·542		29·537	29·719	28th	29·391	17th	·328	82·5	91·2		79·2		85·2		12·0	94·9	2nd	73·5	24th	21
	Burdwan	89	29·476	—·011	29·522	29·635	28th	29·337	16th	·298	82·4	92·2	+2·0	79·7	+0·3	85·9	+1·1	12·5	97·4	23rd	76·3	27th	21
	Bankura	313	29·249		29·510	29·400	28th	29·129	16th	·271	83·3	93·6		79·3		86·4		14·3	99·1	1st	74·2	4th&16th	24
	Raniganj	334	29·235		29·519	29·357	28th	29·121	17th	·276	82·4	92·2		79·7		86·0		12·5	99·0	1st	74·5	16th	24
	Berhampore	67	29·508	—·021	29·524	29·687	28th	29·319	17th	·338	81·8	90·0	+0·6	79·1	+0·3	84·5	+0·5	10·9	94·6	1st, 22nd & 23rd.	75·7	26th	18
	Naya Dumka	485	29·075	—·009	29·506	29·235	28th	28·955	16th	·290	83·1	91·5	+2·9	78·9	+1·3	85·2	+2·1	12·6	96·4	1st & 23rd	73·0	27th	23
7	Balasore	50	29·532	+·002	29·527	29·677	3rd	29·434	17th	·243	83·7	92·8	+4·3	79·3	+0·9	86·0	+2·6	13·5	98·9	24th	76·6	7th, 17th & 28th.	22
	False Point	21	29·587	0	29·551	29·714	3rd	29·498	16th	·216	84·7	90·7	+3·1	79·7	+1·1	85·2	+2·1	11·0	98·2	22nd	74·6	8th	23
	Cuttack	80	29·528	+·007	29·548	29·641	3rd	29·438	16th	·203	83·6	92·1	+2·3	79·5	+0·9	85·8	+1·6	12·6	97·4	27th	77·2	5th&8th	20
	Puri	24	29·598		29·557	29·712	3rd	29·510	16th	·202	84·1	89·9		80·2		85·1		9·7	97·6	25th&26th	75·6	25th	22
	Angul	455	29·160		29·571	29·281	3rd	29·067	16th	·214	82·9	90·6		78·5		84·5		12·1	97·1	1st	75·0	28th	22
	Sambalpur	480	29·135	+·015	29·567	29·264	3rd	29·050	11th	·214	81·6	90·5	+3·0	78·9	+1·6	84·7	+2·3	11·6	97·1	1st	76·6	4 days	20
8	Chaibassa	733	28·821	—·017	29·497	28·961	28th	28·719	16th	·242	82·3	93·3	+3·3	78·2	+0·5	85·7	+1·9	15·1	101·1	1st	74·8	11th	26
	Ranchi	2,128	27·481	+·009	29·498	27·600	28th	27·376	16th	·233	78·5	88·0	+4·0	74·9	+2·0	81·5	+3·0	13·1	95·7	1st	72·4	28th	23
	Purulia	816	28·758§		29·515§	28·883	28th	28·620	17th	·263	81·6	93·8		78·2		86·0		15·6	100·0	1st	72·1	16th	27
	Hazaribagh	2,007	27·602	+·008	29·509	27·722	28th	27·506	16th	·216	79·8	88·2	+3·6	75·4	+1·7	81·8	+2·7	12·8	94·1	1st	72·0	15th, 16th & 28th.	22
	Daltonganj	730	28·890		29·518	28·906	28th	28·757	11th & 16th	·209	84·1	95·1		80·9		88·0		14·2	101·6	4th	74·0	15th	27
9	Purnea	124	29·433	—·027	29·521	29·594	28th	29·290	21st	·304	81·6	89·3	—0·7	78·9	+0·2	84·1	—0·3	10·4	94·1	30th	74·2	3rd	19
	Bhagalpur	160	29·388		29·500	29·566	28th	29·256	21st	·310	82·6	90·9		79·3		85·1		11·6	98·2	1st	75·3	18th	22
	Monghyr	155	29·391		29·498	29·562	28th	29·260	19th	·302	83·4	90·8		79·1		85·0		11·7	96·2	1st	73·9	16th	22
	Darbhanga	165	29·384	—·033	29·502	29·554	28th	29·246	21st & 23rd.	·308	81·8	90·8	+1·3	78·6	—1·2	84·7	+0·1	12·2	95·6	1st	73·7	2nd	21
	Pusa	180	29·361		29·508	29·530	28th	29·227	23rd	·303	82·8	92·2		78·0		85·1		14·2	99·6	1st	73·3	2nd	26
	Muzaffarpur	177	29·380		29·512	29·553	28th	29·243	23rd	·310	83·2	91·8		78·9		85·4		12·9	97·7	1st	74·5	6th & 7th	23
	Motihari	221	29·323		29·503	29·495	28th	29·176	21st	·319	81·8	91·0		78·9		84·9		12·1	96·6	1st	73·3	16th	23
	Chapra	181	29·360		29·493	29·524	28th	29·245	23rd	·279	84·6	95·8		80·8		88·3		14·9	101·8	1st, 24th & 25th.	76·8	17th	25
	Patna	183	29·363	—·027	29·499	29·535	28th	29·233	23rd	·300	85·0	92·8	+2·7	80·7	+0·9	86·7	+1·8	12·1	98·5	1st	73·7	17th	24
	Arrah	190	29·347		29·487	29·507	28th	29·230	19th	·277	85·7	95·5		81·6		88·6		13·9	101·1	24th	75·8	26th	25
	Buxar	239	29·287		29·481	29·441	28th	29·165	23rd	·279	86·0	97·6		81·8		89·7		15·8	102·5	24th	76·1	26th	26
	Delhi	351	29·185		29·465	29·324	28th	29·095	19th	·229	85·4	97·1		83·0		90·0		14·1	105·3	3rd	78·0	26th	27
	Gaya	372	29·174	—·023	29·495	29·340	28th	29·068	19th	·252	85·8	97·0	+5·6	82·1	+3·3	89·6	+4·5	14·9	102·4	1st, 4th & 24th.	77·2	16th	25
	IV.—United Provinces of Agra and Oudh.																						
10	Gorakhpur	257	29·272	—·032	29·484	29·410	28th	29·144	19th	·296	84·6	95·1	+4·0	79·3	—0·1	87·2	+1·9	15·8	103·1	25th	72·8	26th	30
	Benares	267	29·272	—·015	29·488	29·416	28th	29·177	18th	·239	86·3	99·6	+8·4	83·0	+3·4	91·3	+5·9	16·6	105·1	4th & 5th.	75·6	10th	29
	Allahabad	309	29·231	—·014	29·489	29·371	27th	29·137	18th	·234	88·4	101·2	+9·6	83·5	+4·1	92·3	+6·9	17·7	110·1	4th	77·5	13th	32·6

N.B.—Elevations in italics indicate barometrical determinations.

† Mean of 30 days.
‡ " " 29 "

NOTE.—The barometric readings are not reduced to sea-level, in the cases of hill or plateau
§ Mean of 27 days.

3—continued.

tations in India, etc., in July, 1911—continued.

Wind direction. Number of winds from Calm	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Resultant direction.	Normal direction.	Wind velocity. Mean velocity, miles per hour.	Normal.	Departure from normal.	Wind steadiness. Actual percentage.	Departure from normal.	Hygrometry, 8 hrs. Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs. in inches of mercury.	Departure from normal in inches of mercury.	Cloud. Mean cloud amount at 8 hrs.	Departure from normal.	Rainfall. Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st May to 31st July, 1911.	Normal rainfall for period, 1st May to 31st July.	Departure from normal of period, 1st May to 31st July, 1911.	Heaviest rainfall during month.	Station.
5	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	54	55	56	57
																																II.—Eastern Bengal and Assam—*contd.*
5		3		2		1			E	N 88° E	1·9			9	−48	91	−1	·944	−·005	7·5	−1·0	26	20·16	+ 5·84	33·75	31·59	+ 2·16	69·67	66·66	+ 3·01	5·79	Jalpaiguri.
3		3	6	8	1				S 70° E		2·1			48		92		·946		9·1		20	18·79	+ 1·21	41·53	29·53	+12·00	92·10	79·42	+12·68	6·00	Cooch Behar.
																																III.—Bengal.
			1	3	9	16	1	1	S 24° W	S 27° W	16·5	15·3	+1·2	79	+25	87	− 1	1·025	+·029	8·0	−1·3	8	16·74	− 8·74	4·79	15·32	−10·53	19·47	30·33	−10·86	1·21	Saugor Island.
2	1	1	3	1	18	3	1		S 3° E		3·11			61		81†		·909†		7·7‡		10	15·95	− 5·95	8·70	12·78	− 4·08	23·97	27·57	− 3·60	2·03	Midnapore.
1		1	2	7	5	12	3		S 12° W	S 3° W	5·4*	5·0	+0·4	62	+12	83	− 3	·954	−·013	8·2	−0·2	8	18·96	−10·96	5·45	12·89	− 7·44	19·61	30·06	−10·45	1·36	Calcutta.
8				6	5		2		S 14° E	S 21° E	1·1	4·1	−3·0	30	−20	87	− 3	·965	−·038	8·2	−0·2	14	17·52	− 3·52	9·00	12·38	− 3·38	30·12	32·76	− 2·64	2·08	Jessore.
1			1	4	3		1	1	S 22° E		0·9			19		87		·963		8·1		12	15·87	−3·87	8·06	11·38	− 3·32	37·01	27·85	+ 9·16	2·03	Krishnagar.
1	1	1	5	3	6	9	5		S 15° W	S 3° E	3·3	4·2	−0·9	43	+ 4	87	+ 1	·963	+·021	9·0	+0·8	10	16·10	− 6·10	4·42	12·91	− 8·49	18·79	28·86	−10·07	0·95	Burdwan.
2			2	2		3	12		S 75° W		3·5			33		77		·860		5·7		12	16·46	− 4·46	11·53	12·64	− 1·11	30·32	27·62	+ 2·70	2·75	Bankura.
6			1	1		1	1	1	S 45° W		1·5			3		84		·924		7·5		9	16·39	− 7·39	10·17	12·38	− 2·21	26·76	25·56	+ 1·20	3·15	Raniganj.
2			4	4	13	6		2	S 4° E	S 25° E	4·7	4·5	+0·2	62	+10	91	− 1	·987	−·006	9·3	+0·5	14	15·71	− 1·71	6·14	10·80	− 4·66	29·11	25·37	+ 3·74	0·83	Berhampore.
4			4	2				1	S 81° E		2·4			17		80		·909		5·9		8	18·72	−10·72	7·01	14·09	− 7·08	33·50	27·46	+ 6·04	2·45	NayaDumka.
4					2	23	1	1	S 46° W	S 37° W	4·1	5·9	−1·8	79	+25	78	−10	·881	−·089	6·2	−2·0	6	14·94	− 8·94	7·27	11·10	− 3·83	18·24	25·51	− 7·27	2·77	Balasore.
1					4	12	14		S 61° W	S 59° W	10·2	11·2	−1·0	79	+11	78	− 9	·918	−·048	7·8	−0·6	7	14·90	− 7·90	1·95	11·80	− 9·85	14·67	24·57	− 9·90	0·73	False Point.
6				1	2	10	11	1	S 63° W	S 60° W	3·1*	3·3	−0·2	66	+14	78	− 3	·898	+·007	6·7	−0·8	7	16·13	− 9·13	3·95	11·64	− 7·69	21·13	25·47	− 4·34	1·00	Cuttack.
2	2			1		23	1	2	S 52° W		12·5			71		83		·967		5·9		10	11·74	− 1·74	10·47	9·50	+ 0·97	25·49	19·26	+ 6·23	5·05	Puri.
4		2		3	1		7	14	N 58° W		6·2‖			45		78		·871		5·7		6			7·21	9·90	− 2·69	26·29	19·53	+ 6·76	2·77	Angul.
					1	25	5		S 50° W	S 31° W	4·6	4·8	−0·2	99	+39	82	− 4	·876	−·014	7·3	−0·9	6	19·50	−13·50	7·43	21·37	−13·94	22·08	33·04	−10·96	2·53	Sambalpur.
5					1	20	5		S 52° W	S 66° W	4·1	2·7	+1·4	79	+35	77	− 6	·844	−·054	7·6	−0·1	8	16·68	− 8·68	5·31	12·24	− 6·93	17·14	24·04	− 6·90	1·63	Chaibassa.
		1	1	1	3	9	13	3	S 69° W	S 63° W	6·6	7·9	−1·3	66	+34	80	− 8	·775	−·021	7·7	−0·3	10	19·10	− 9·10	9·45	15·23	− 5·78	23·89	26·65	− 2·76	2·60	Ranchi.
19			1			6	5		S 63° W		2·5			29		91		·982		4·2		6	17·42	−11·42	4·31	12·28	− 7·97	18·29	22·44	− 4·15	1·24	Purulia.
8	1		1	1	2	4	8	6	S 89° W	S 40° W	8·2	8·7	−0·5	43	+17	73	−14	·725	−·075	6·2	−3·2	7	18·74	−11·74	3·93	13·30	− 9·37	34·48	23·78	+10·70	1·04	Hazaribagh.
6	1	1	2	3		10	8		S 55° W		4·9			21		78		·903		5·7		4	16·16	−12·16	1·87	11·26	− 9·39	24·37	17·44	+ 6·93	0·70	Daltonganj.
7		4	6	3	2	6	3		S 35° E	S 81° E	3·2	3·5	−0·3	23	−28	90	+ 1	·967	−·014	8·5	+1·3	13	17·13	− 4·13	15·20	14·16	+ 1·04	30·01	29·68	+ 0·33	4·17	Purnea.
18	1	5		1		4	2		N 45° W		3·3			3		86		·943		7·5		11	15·39	− 4·39	8·88	12·38	− 3·50	27·58	23·72	+ 3·86	3·70	Bhagalpur.
4		1	10	4	1		8	3	S 72° E		4·0			10		85		·975		7·9		11			9·28			31·10			4·00	Monghyr.
8	1	3	13	1		3	2		N 89° E	S 80° E	4·0	4·8	−0·8	38	−17	88	0	·953	−·016	9·0	+1·9	11	14·37	− 3·37	11·10	11·79	− 0·69	24·15	22·94	+ 1·21	3·19	Darbhanga.
8		3	2	7		5			S 45° E		3·9			26		85		·952		7·5		12			9·21			21·33			1·78	Pusa.
11	1		7	6		1	3	2	S 63° E		4·0*			23		83		·935		4·2		9	14·39	−5·39	6·64	12·55	− 5·91	19·13	25·06	− 3·93	2·00	Muzaffarpur.
26		1	3	1					E		0·9§			10		84		·937		5·9		13	12·48	+ 0·52	10·79	15·40	− 4·61	23·25	27·68	− 4·43	2·02	Motihari.
																81		·926		7·0		6	14·23	− 8·23	5·77	11·76	− ·99	15·58	19·39	− 3·81	2·24	Chapra.
6			14	1		2	7	1	S 76° E	N 81° E	6·9	4·6	+2·3	20	−22	81	− 5	·965	−·004	7·7	−0·9	7	14·16	− 7·16	5·55	12·21	− 6·66	19·39	21·74	− 2·35	2·53	Patna.
4	1	1	6	2	5	1	11		S 39° W		4·0			13		77		·947		7·0		6	15·13	− 9·13	3·09	12·89	− 9·80	12·61	20·76	− 8·15	1·05	Arrah.
1			11	2		8	8	1	S 18° W		8·5			11		71		·873		6·4		7	14·39	− 7·39	3·30	11·17	− 7·87	10·91	17·16	− 6·25	1·52	Buxar.
1		1	3	3	4	11	7	1	S 38° W		7·1			27		70		·810		3·9		4	14·72	−10·72	2·60	10·83	− 8·23	13·24	17·76	− 4·52	1·40	Dehri.
2	3	6	2	1	3	1	13		N 66° W	S 2° E	2·6	4·0	−1·4	23	+13	75	− 9	·923	−·006	6·3	−2·7	5	15·68	−10·68	1·83	12·79	−10·96	12·52	21·08	− 8·56	0·57	Gaya.
																																IV.—United Provinces of Agra and Oudh.
16		5	1	1		1	7		N 49° W	N 63° E	2·6	2·3	+0·3	10	−22	81	− 5	·954	+·003	6·4	+0·5	7	14·70	−7·70	3·75	13·39	− 9·64	12·50	22·77	−10·27	1·16	Gorakhpur.
2			5	2	1	9	10	2	S 57° W	S 7° E	5·1	4·6	+0·5	43	+33	66	−20	·868	−·094	6·0	−2·0	5	14·60	−9·60	2·38	11·00	− 8·62	8·35	16·70	− 8·35	0·83	Benares.
1	1	1	2	1	3	5	15	2	S 76° W	S 27° W	7·5	7·3	+0·2	56	+50	61	−23	·798	−·143	6·5	−1·7	7	13·30	−6·30	2·79	11·76	− 8·97	4·92	16·94	−12·02	1·11	Allahabad.

tations, the elevations of which exceed 3,000 feet.

* Uncorrected for scale error.

‖ Mean of 20 days.

Tabl

(2) *Abstract of observations taken at 8 hrs. at 24*

Number of subdivision.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure, 8 hrs. in inches.								Temperature of air.												
			Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	IV.—United Provinces of Agra and Oudh—*concld.*																						
10	Cawnpore	416	29·099	—·022	29·461	29·241	28th	29·015	18th & 19th.	·226	89·4	102·8	+10·3	84·8	+5·2	93·8	+7·7	18·0	110·7	6th & 8th.	77·4	13th	33·3
	Lucknow	368	29·153	—·030	29·479	29·320	28th	29·036	18th	·284	89·8	103·0	+10·8	83·9	+4·6	93·5	+7·7	19·1	111·0	6th	76·1	18th	34·9
	Bahraich	401	29·110	—·046	29·464	29·276	28th	28·963	19th	·313	86·4	98·7	+7·4	81·3	+2·5	90·0	+4·3	17·4	107·6	1st	74·5	15th	33·1
11	Jhansi	824	28·744	—·004	29·505	28·854	27th	28·670	18th	·194	87·8	101·8	+10·6	83·0	+4·2	92·4	+7·4	18·8	111·5	8th	76·5	14th	35·0
	Agra	556	28·966	—·026	29·466	29·104	27th	28·874	18th	·230	91·2	105·3	+12·0	85·9	+5·4	95·6	+8·7	19·4	113·0	8th	78·0	14th	35·0
	Mainpuri	516	28·990	—·037	29·452	29·149	27th	28·895	18th	·254	89·1	103·7	+11·0	84·6	+5·1	94·1	+8·1	19·1	112·3	9th	78·1	13th, 14th & 26th.	34·2
	Bareilly	568	28·934	—·045	29·449	29·092	27th	28·811	18th	·281	88·3	100·3	+8·7	82·4	+3·7	91·4	+6·2	17·9	108·8	6th	74·0	13th	34·8
	Meerut	733	28·800	—·008	29·479	28·957	3rd	28·681	21st	·276	87·5	101·5	+8·7	81·7	+2·3	91·6	+5·5	19·8	109·1	7th	72·8	13th	36·3
	Roorkee	899	28·625	—·028	29·468	28·782	27th	28·489	21st	·293	86·8	98·2	+6·1	79·4	+1·2	88·8	+3·7	18·8	106·0	6th	72·9	16th	33·1
	Dehra Dun	2,233	27·339	—·037	29·458	27·496	28th	27·206	21st	·290	80·0	90·1	+4·6	75·0	+0·9	82·5	+2·7	15·1	96·0	5th & 6th.	68·5	14th	27·5
	V.—Punjab.																						
12	Delhi	718	28·802	—·020	29·466	28·952	3rd	28·700	21st	·252	88·9	103·0	+9·0	84·0§	+3·3§	93·5§	+6·1	19·0	108·5	7th & 8th.	73·3	13th	35·2
	Sirsa	662	28·843	—·014	29·452	29·006	3rd	28·748	21st	·258	90·6	107·4	+6·9	84·7	+2·9	93·0	+4·9	22·7	112·8	30th	77·0	2nd	35·8
	Patiala	*818*	28·690		29·459	28·835	27th	28·558	18th	·277	87·8	102·6		82·5		92·5		20·1	109·4	7th	74·6	15th	34·8
	Ambala	892	28·611	—·033	29·446	28·780	27th	28·471	21st	·309	88·1	103·8	+10·5	81·9	+3·1	92·9	+6·8	21·9	113·5	7th	71·9	14th	41·6
	Ludhiana	812	28·688	—·031	29·448	28·849	3rd	28·556	21st	·293	87·3	104·4	+7·4	82·4	+2·1	93·4	+4·7	22·0	111·5	9th	73·5	14th	38·0
	Lahore	702	28·776	—·032	29·428	28·954	3rd	28·646	21st	·308	90·3	106·8	+6·2	83·1	+3·7	94·9	+4·9	23·7	114·4	8th	74·7	14th	39·7
	Sialkot	830	28·659	—·030	29·440	28·814	3rd	28·530	21st	·284	87·5	102·3	+4·7	79·3	—0·2	90·8	+2·3	23·0	110·0	9th & 10th.	69·5	22nd & 23rd.	40·5
	Rawalpindi	1,674	27·845	—·026	29·421	28·005	3rd	27·718	19th	·286	88·3	103·7	+6·4	77·3	+0·6	90·5	+3·5	26·4	110·9	10th	68·9	2nd & 24th.	42·0
13	Khushab	612	28·855	—·022	29·422	29·033	3rd	28·731	19th	·302	89·5	106·4	+3·8	83·6	+1·5	95·0	+2·7	22·8	113·4	8th & 10th.	74·4	26th	39·0
	Montgomery	558	28·909	—·014	29·419	29·090	3rd	28·801	19th	·289	91·0	105·8	+1·1	84·8	+0·9	95·3	+1·0	21·0	112·4	8th	77·0	24th	35·4
	Multan	420	29·050	—·010	29·424	29·236	3rd	28·920	19th	·316	88·8	103·7	—0·1	84·3	+0·6	94·0	+0·3	19·4	108·8	8th & 9th.	80·0	19th & 22nd.	28·8
	VI.—North-West Frontier Province.																						
15	Peshawar	1,113	28·377	—·034	29·427	28·567	3rd	28·233	19th	·334	88·8	103·1	+5·2	78·8	—0·6	93·4	+2·3	29·3	113·2	10th & 20th.	71·9	3rd & 24th	41·3
	D. I. Khan	590	28·266	—·046	29·411	29·058	3rd	28·698	19th	·360	89·7	105·9	+2·5	82·8	+0·3	94·3	+1·4	23·1	113·4	11th	78·1	22nd & 26th.	34·3
	VII.—Sind.																						
17	Jacobabad	186	29·284	—·004	29·425	29·473	27th	29·134	22nd	·339	88·7	110·6	+2·8	82·6	—1·7	96·6	+0·5	28·0	117·1	18th	78·8	22nd & 26th.	38·3
	Hyderabad ‡	96	29·441	+·026	29·489	29·632	27th	29·331	22nd	·301	83·8	97·7	—1·2	79·6	—1·2	88·6	—1·2	18·1	102·5	5th & 29th.	77·0	28th & 29th.	25·5
	Karachi	13	29·601	+·053	29·565	29·777	28th	29·494	22nd	·283	81·3	86·6	—1·5	79·3	—0·2	83·0	—0·9	7·3	90·0	4th & 12th.	77·0	17th & 21st.	13·0
	VIII.—Rajputana.																						
18	Bikaner	*771*	28·765	+·009	29·481	28·934	27th	28·662	22nd	·272	88·0	105·3	+5·4	84·2	+1·4	95·0	+3·4	21·6	111·0	30th	79·5	4th	31·5
	Jodhpur	780	28·811	+·036	29·538	28·995	27th	28·712	22nd	·283	84·4	101·0	+1·8?	80·9	—0·2	90·9	+0·8?	20·1	106·0	30th	76·3	30th	29·7
19	Jaipur	1,431	28·174	+·024	29·525	28·318	27th	28·111	16th	·207	85·7	101·4	+7·9	80·0	+1·8	90·7	+4·9	21·4	110·2	8th	76·1	13th	34·1
	Sambhar	1,251	28·345	+·037	29·525	28·492	27th	28·271	16th	·221	86·8	102·9	+8·6	82·0	+2·8	92·5	+5·7	20·9	109·4	8th	77·9	13th	31·5
	Ajmer	1,611	28·009	+·027	29·535	28·161	27th	27·931	16th	·230	83·4	98·0	+6·7	82·8	+5·5	90·4	+6·1	15·2	102·4	27th & 30th.	78·2	26th	24·2
	Kotah	819?	28·758	+·029	29·516	28·893	27th	28·703	19th	·190	87·3	99·9	+4·8	82·5	+1·5	91·2	+3·1	17·4	108·1	8th	73·6	12th	34·5
	Udaipur ‡	1,925	27·740	+·049	29·573	27·896	27th	27·663	11th & 22nd.	·230	80·7	91·2†	+0·3?	75·6†	—0·6	83·4†	+0·1?	15·6	93·5	8th	70·8	2nd	28·7

N.B.—Elevations in italics indicate barometrical determinations.

NOTE.—The barometric readings are not reduced to sea-level, in the cases of

† Mean of 29 days.

‡ Mean of 30 days.

—*continued.*

ations in India, etc., in July, 1911—continued.

Wind direction. Number of winds from N. (26)	N.E. (27)	E. (28)	S.E. (29)	S. (30)	S.W. (31)	W. (32)	N.W. (33)	Resultant direction (34)	Normal direction (35)	Wind velocity. Mean velocity, miles per hour. (36)	Normal. (37)	Departure from normal. (38)	Wind steadiness. Actual percentage. (39)	Departure from normal. (40)	Hygrometry, 8 hrs. Mean humidity at 8 hrs. (41)	Departure from normal. (42)	Mean vapour tension at 8 hrs. in inches of mercury. (43)	Departure from normal in inches of mercury. (44)	Cloud. Mean cloud amount at 8 hrs. (45)	Departure from normal. (46)	Rainfall. Number of rainy days. (47)	Normal number of rainy days. (48)	Departure from normal. (49)	Rainfall of month. (50)	Normal rainfall of month. (51)	Departure from normal. (52)	Total rainfall from 1st May to 31st July, 1911. (53)	Normal rainfall for period, 1st May to 31st July. (54)	Departure from normal of period, 1st May to 31st July, 1911. (55)	Heaviest rainfall during month. (56)	Station. (57)
																															IV.—United Provinces of Agra and Oudh—*concld.*
		2	3		10	9	2	S 59° W	S 1° E	5·8	4·7	+1·1	49	+35	58	−24	·756	−·155	2·7	4·7	3	12·10	−9·10	1·97	10·92	−8·95	2·02	14·41	−12·39	1·00	Cawnpore.
		5	1		4	8	1	S 64° W	S 82° E	4·5	3·8	+0·7	23	−1	59	−25	833	−·108	2·7	4·2	3	14·10	−11·10	1·33	11·85	−10·52	3·34	17·38	−14·04	0·85	Lucknow.
1	2	6	11	2	4	3	2	S 43° E	S 68° E	3·7	3·5	+0·2	40	0	70	−15	·860	−·097	2·8	−3·9	3	12·80	−9·80	4·08	10·82	−6·74	7·74	18·62	−10·88	1·48	Bahraich.
1					13	14	1	S 73° W	S 72° W	8·4	4·4	+4·0	82	+35	63	−15	·817	−·053	7·0	+1·5	7	13·10	−6·10	1·89	11·91	−10·02	4·07	17·13	−13·06	0·65	Jhansi.
1			1	7	9	6	2	S 48° W	S 24° W	8·0	5·5	+2·5	59	+17	55	−24	·785	−·136	2·8	−2	4	10·80	−6·80	1·14	9·57	−8·43	1·90	12·56	−10·66	0·47	Agra.
	1	3	1	4	2	9	4	S 73° W	S 41° E	3·3	2·0	+1·3	30	+27	57	−25	·781	−·147	1·8	−5·1	2	10·20	−8·20	1·06	7·16	−6·10	3·54	10·43	−6·89	0·90	Mainpuri.
		2				6		W	S 47° E	0·8	3·3	−2·5	13	−19	69	−16	·918	−·014	7·6	+1·1	2	13·45	−11·45	2·27	14·02	−11·75	4·12	20·14	−16·02	1·98	Bareilly.
2	1	1	4	4		4	5	N 29° W	S 63° E	4·9	2·3	+2·6	20	−6	61	−18	·780	−·106	3·9	−2·7	4	9·40	−5·40	1·75	9·29	−7·54	2·98	13·11	−10·13	0·70	Meerut.
	2		11				6	S 67° E	S 38° E	2·8*	2·9	−0·1	17	−22	66	−16	·827	−·052	3·5	−2·9	3	11·90	−8·90	2·09	12·36	−10·27	9·52	18·29	−8·77	1·58	Roorkee.
								(*a*)	S 38° E	1·0	1·1	−0·1			75	−13	·763	−·044	4·6	−3·4	7	21·20	−14·20	4·39	27·00	−22·61	15·31	36·90	−21·59	1·15	Dehra Dun.
																															V.—Punjab.
2	2	3	3	2	1	14	4	N 83° W	S 22° E	5·7	4·2	+1·5	37	+15	59	−16	·787	−·063	3·4	−2·9	4	9·20	−5·20	1·46	8·06	−6·60	5·26	11·79	−6·53	0·50	Delhi.
2	2			8	15	3		S 39° W	S 16° W	7·7	7·1	+0·6	62	+33	47	−20	·656	−·201	2·2	−3·7	1	5·00	−4·00	0·24	3·91	−3·37	2·33	6·17	−3·84	0·24	Sirsa.
		4	9	4		8	5	S 8° W		6·8			23		68		·887		3·3		2			0·51	6·43	−5·92	2·58	9·26	−6·68	0·30	Patiala.
3	2	6	8			2	6	N 66° E	S 82° E	5·3	1·5	+3·8	23	0	62	−24	·793	−·141	3·6	−2·1	6	9·80	−3·80	2·49	7·89	−5·39	6·67	12·16	−5·49	1·50	Ambala.
	2		4	1	1	2	1	S 19° E	S 31° E	0·9	2·4	−1·5	7	−29	58	−18	·748	−·115	1·9	−4·5	4	7·60	−3·60	0·89	8·32	−7·43	4·96	11·50	−6·54	0·33	Ludhiana.
		1	7	6	2	6	5	S 30° W	S 42° E	3·2	3·4	−0·2	33	−6	53	−18	·758	−·119	1·6	−2·7	2	3·30	−1·30	1·14	5·49	−4·35	3·82	8·00	−4·18	0·95	Lahore.
3	1	6	6	1	1		2	S 85° E	S 85° E	2·5	2·8	−0·3	30	−17	60	−14	·765	−·120	2·0	−1·9	2	9·00	−7·00	2·22	7·88	−5·66	5·20	11·53	−6·33	1·70	Sialkot.
9	4	1	1	2		1		N 21° E	S 82° E	2·2	2·5	−0·3	30	+5	48	−24	·635	−·173	2·9	−1·3	3	9·10	−6·10	1·00	8·06	−7·06	3·23	11·58	−8·35	0·39	Rawalpindi.
	7	14	4	3			1	N 83° E	N 62° E	6·2	7·5	−1·3	69	+15	51	−11	·738	−·109	2·8	+0·1	2	3·50	−1·50	1·85	3·78	−1·93	6·12	5·96	+0·16	1·01	Khushab.
		1	3	8	18	1		S 25° W	S 15° E	9·7	9·6	+0·1	86	+47	41	−16	·620	−·218	0·8	−2·1	1	3·20	−2·20	0·29	2·18	−1·89	1·80	3·62	−1·82	0·22	Montgomery.
1				10	15			S 28° W	S 89° W	1·3	3·1	−1·8	72	+38	61	−1	·817	−·033	1·7	−0·4	0	2·50	−2·50	0	2·04	−2·04	1·98	2·92	−0·94	0	Multan.
																															VI.—North-West Frontier Province.
4	4		1	2		3	3	N 14° W	N 9° W	2·7	4·1	−1·4	20	−22	46	−17	·634	−·164	1·7	−1·5	0	2·10	−2·10	0·04	1·42	−1·38	0·83	2·67	−1·84	0·04	Peshawar.
	9		5	1				N 78° E	N 69° E	1·8	2·5	−0·7	33	+1	59	−10	·816	−·096	2·3	−0·1	0	3·10	−3·10	0	2·27	−2·27	1·05	3·36	−2·31	0	D. I. Khan.
																															VII.—Sind.
		3	5	3				S 45° E	S 49° E	4·1	5·6	−1·5	33	−32	63	−2	·850	−·053	0·3	−2·3	0	1·60	−1·60	0·05	1·01	−0·96	0·05	1·31	−1·26	0·05	Jacobabad.
				6	20	4		S 42° W	S 47° W	15·5	16·7	−1·2	89	+8	65	−2	755	−·060	3·3	−2·7	0	3·30	−3·30	0	2·92	−2·92	0	3·32	−3·32	0	Hyderabad.
					11	20		S 74° W	S 76° W	17·5	17·2	+0·3	96	+12	82	−2	·873	−·081	6·4	−0·9	0	3·00	−3·00	0	3·12	−3·12	0	4·16	−4·16	0	Karachi.
																															VIII.—Rajputana.
				7	11	4		S 30° W‖	S 29° W	12·2	8·3	+3·9	86	+22	53	−13	·693	−·151	1·9	−2·5	1	4·90	−3·90	0·44	3·30	−2·86	1·35	5·37	−4·02	0·31	Bikaner.
				1	28	2		S 47° W		8·9			99		57	−10	·671		4·8		0	5·30	−5·30	0	4·21	−4·21	0·95	5·69	−4·74	0	Jodhpur.
1					2	18	10	N 76° W	S 73° W	7·7*	5·4	+2·3	89	+47	58	−18	·714	−·124	3·9	−2·9	3	10·90	−7·90	2·86	7·87	−5·01	7·43	10·45	−3·02	1·44	Jaipur.
						26	5	N 83° W	S 87° W	9·4	8·8	+0·6	96	+39	52	−21	·655	−·166	3·8	−2·4	2	8·80	−6·80	0·40	6·91	−6·51	2·55	9·02	−6·47	0·15	Sambhar.
					2	3	26	N 53° W	S 37° W	14·0	8·0	+6·0	96	+28	63	−17	·714	−·124	3·6	−2·0	1	9·50	−8·50	0·34	6·98	−6·64	1·99	9·76	−7·77	0·34	Ajmer.
					12	15	4	S 78° W		7·0			89		54	−16	·688		4·4		3	10·90	−7·90	2·13	10·15	−8·02	4·54	13·28	−8·74	1·62	Kotah.
				2	9	17	1	S 73° W		7·9			82		64	−11	·659		4·9		4	9·50	−5·50	1·68	7·82	−6·14	5·29	11·35	−6·06	0·47	Udaipur.

or plateau stations, the elevations of which exceed 3,000 feet.

* Uncorrected for scale error.
‖ Mean of 22 days.

(*a*) Indeterminate.

Ta

(2) *Abstract of observations taken at 8 hrs. at*

Number of subdivision.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	IX.—Bombay.																					
20	Deesa	466	29·195	+·059	29·610	29·347	27th	29·116	1th	·231	84·0	100·0	+8·3	79·6	+2·0	89·8	+5·1	20·4	105·8	29th	74·9	9th
	Bhuj	395	29·253	+·056	29·597	29·409	28th	29·163	2nd	·246	83·0	93·5	+3·5	78·3	+0·2	85·9	+1·9	15·2	99·5	8th	75·0	28th
	Jamnagar	61	29·615		29·621	29·755	28th	29·520	1th	·235	85·7	93·1		77·0		85·1		16·1	96·7	27th	72·2	25th
	Dwarka	37?	29·651	+·075	29·634	29·783	28th	29·555	1th	·228	82·4	86·7	−0·1	80·6	0	83·7	−0·1	6·1	89·3	10th	78·7	26th
	Rajkot	429	29·266	+·068	29·640	29·396	28th	29·179	11th	·219	83·0	95·6	+5·0	77·1†	+1·3	85·5†	+3·1	18·5	100·6	28th	72·0	27th
	Veraval	*18*	29·700	+·062	29·661	29·811	28th	29·621	11th	·190	80·9	84·0	+0·3	79·7	+0·5	81·9	+0·4	4·3	87·1	5th	76·3	9th &
	Bhavnagar Para	55	29·660	+·038?	29·660	29·779	28th	29·573	11th	·206	84·4	97·1	+3·8	80·0†	+1·3†	88·5†	+2·5	17·1	100·6	3rd & 26th.	73·5	10th. 8th
	Surat	39	29·693	+·060	29·675	29·798	27th	29·605	11th	·193	82·7	89·6	+2·3	78·7	+1·4	84·1	+1·9	10·9	95·1	6th	74·6	8th
	Ahmadabad	163	29·518	+·044	29·629	29·657	27th	29·427	11th	·230	83·1	97·6	+6·2	78·3	+0·1	87·9	+3·1	19·3	102·1	8th	75·7	1st &
26	Bombay	37	29·738	+·036	29·715	29·820	28th	29·65[illegible]	10th	·165	81·3	85·9	+1·5	78·9	+1·4	82·4	+1·5	7·0	89·5	1st & 3rd.	74·5	27th. 9th
	Ratnagiri	110	29·700	+·033	29·749	29·775	28th	29·6[illegible]	6th	·171	79·6	84·4	+0·5	76·2	+0·5	80·3	+0·5	8·2	87·3	2nd, 3rd & 4th.	71·9	9th
	Goa	199	P	P	P	P	P	P	P	P	78·1	81·5	−0·9	75·9	−0·1	78·7	−0·5	5·6	84·6	3rd	73·1	14th
	Marmagao	*60*	29·778	+·027	29·772	29·845	14th & 27th.	29·[illegible]5	6th	·170	78·6	82·3	−0·9	74·9	−1·3	78·8	−1·1	7·9	87·0	3rd	71·7	14th
	Karwar	44	29·817	+·031	29·795	29·892	13th & 14th.	29·705	6th	·187	77·8	82·0	−1·0	74·5	−0·6	78·3	−0·8	7·5	85·8	3rd	72·0	14th
27	Malegaon	1,430	28·298	+·044	29·660	28·386	27th	28·233	11th	·153	79·4	90·2	+2·8	73·5	+0·2	81·9	+1·5	16·7	98·4	3rd	69·1	27th
	Ahmadnagar	2,154	27·622	+·042	29·681	27·706	27th	27·556	7th	·150	75·6	85·6	+0·4	69·9	−0·6	77·8	−0·1	15·7	95·1	3rd	66·0	27th
	Poona	1,846	27·928	+·033	29·701	28·011	28th	27·849	7th	·162	75·4	85·3	+3·0	71·3	+0·5	78·2	+1·7	14·0	92·0	3rd	66·3	23rd
	Sholapur	1,590	28·179	+·018	29·699	28·262	27th	28·099	7th	·163	76·5	85·0	−0·5	71·5	−0·2	80·3	−0·3	17·5	95·8	28th	68·9	25th
	Bijapur	*1,948*	27·843	+·020	29·715	27·923	27th	27·761	7th	·162	74·4	86·5	+0·3	70·5	−0·3	78·5	0	16·0	93·2	3rd	68·2	27th
	Belgaum	2,538	27·276	+·022	29·722	27·342	14th	27·176	6th	·166	70·7	76·8	+1·1	66·6	−0·2	71·7	+0·4	10·2	83·8	3rd	64·0	27th
	X.—Central India.																					
21	Neemuch	1,624	28·029	+·036	29·579	28·160	27th	27·964	19th	·196	78·9	92·3	+4·9	74·9	+0·8	83·6	+2·9	17·4	100·4	6th & 31st.	70·5	12th
	Indore	1,823	27·868	+·049	29·617	27·932	27th	27·802	11th	·190	77·0	88·0	+3·5	73·4	+0·8	80·7	+2·1	14·6	95·6	4th & 8th.	70·6	23rd
22	Nowgong	754	28·835	+·021	29·532	28·944	27th	28·765	18th	·179	84·5	96·6	+6·7	80·5	+2·4	88·6	+4·5	16·1	105·0	5th & 8th.	72·5	14th
	Sutna	1,041	28·530	+·006	29·506	28·645	27th	28·456	18th	·189	84·5	96·0	+8·6	80·9	+3·9	88·5	+6·3	15·1	104·3	1st	75·8	13th & 14th.
	XI.—Central Provinces.																					
23	Buldana	2,132	27·615		29·689	27·706	3rd	27·542	11th	·164	75·5	86·2		71·4		78·8		14·8	92·6	2nd	69·5	10th
	Akola	930	28·772	+·037	29·646	28·874	3rd	28·698	11th	·176	79·6	91·9	+2·9	75·6	+0·7	83·4	+1·8	16·9	101·7	3rd	71·1	22nd
	Amraoti	1,215	28·478	+·037	29·606	28·578	3rd	28·405	11th	·173	78·4	90·2	+2·9	74·8	+1·3	82·5	+2·1	15·4	100·3	3rd	72·3	14th
24	Khandwa	1,044	28·649	+·047	29·637	28·755	27th	28·580	11th	·176	80·3	92·0	+4·4	76·4	+1·1	84·2	+2·7	15·6	100·2	2nd & 3rd	72·1	9th
	Hoshangabad	1,006	28·661	+·039	29·610	28·771	27th	28·583	11th	·188	79·8	91·9	+5·2	75·8	+0·6	83·9	+2·9	16·1	101·1	3rd, 5th & 8th.	71·4	10th & 24th.
	Saugor	1,807	27·828	+·026	29·556	27·929	27th	27·768	11th	·161	77·3	89·3	+4·1	74·1	+0·2	81·7	+2·1	15·2	96·4	4 days	68·1	9th
	Jubbulpore	1,327	28·291	+·020	29·552	28·393	27th	28·201	11th	·192	79·3	90·0	+4·1	76·2	+1·6	83·1	+2·9	13·8	98·3	1st & 6th.	71·3	14th
	Seoni	2,032	27·643	+·036	29·591	27·755	3rd	27·557	11th	·198	77·0	86·8	+3·0	71·2	−1·4	79·0	+0·8	15·6	93·1	3rd	68·5	4 days
	Nagpur	1,017	28·653	+·037	29·613	28·764	3rd	28·567	11th	·197	79·5	90·6	+2·8	75·8	+0·7	83·3	+1·7	14·8	98·6	3rd	72·8	14th & 28th.
25	Pendra	2,123?	27·600		29·526	27·714	3rd	27·492	11th	·222	78·9	87·5		74·5		81·0		13·0	92·8	3rd	72·2	28th & 30th.
	Raipur	970	28·668	+·026	29·580	28·782	3rd	28·588	11th	·194	79·1	89·2	+2·7	75·9	+1·0	82·5	+1·9	13·3	96·2	1st	73·1	12th, 13th & 28th.
	Chanda	*63.1*	29·045	+·022	29·622	29·130	28th	28·956	11th	·174	80·4	90·8	+2·2	76·3	+0·4	83·5	+1·3	14·5	98·5	3rd & 6th.	73·0	12th, 14th & 15th.
	Jagdalpur (Bastar)	1,813	27·879		29·605	27·967	3rd	27·808	11th	·159	78·0	83·9		72·4		78·2		11·5	91·2	4th	70·1	10th & 13th.

N.B.—Elevations in italics indicate barometrical determinations.

† Mean of 30 days.

NOTE.—The barometric readings are not reduced to sea-level, in the cases of hill or pl

‡ Mean of 29 days.

—continued.

ations in India, etc., in July, 1911—continued.

Wind direction. Number of winds from N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Resultant direction.	Normal direction.	Wind velocity. Mean velocity, miles per hour.	Normal.	Departure from normal.	Wind steadiness. Actual percentage.	Departure from normal.	Hygrometry, 8 hrs. Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs., in inches of mercury.	Departure from normal, in inches of mercury.	Cloud. Mean cloud amount at 8 hrs.	Departure from normal.	Rainfall. Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st May to 31st July, 1911.	Normal rainfall for period, 1st May to 31st July.	Departure from normal of period, 1st May, to 31st July, 1911.	Heaviest rainfall during month.	Stations.
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	54	55	56	57
																															IX.—Bombay.
															66	—17	·764	—·102	6·8	-1·7	1	10·73	—9·73	0·21	9·61	—9·40	2·95	11·72	—8·77	0·13	Deesa.
					12	14	5	S 79° W	S 78° W	18·5	18·2	+0·3	86	+ 8	78	— 2	·874	—·002	8·0	+0·3	0	6·20	—6·20	0·04	6·65	—6·61	0·04	8·59	—8·55	0·01	Bhuj.
					21	10		S 60° W		25·0			93		67		·826		5·0		1			0·28	7·89	—7·61	0·52	9·81	—9·29	0·20	Jamnagar.
				1	20	10		S 58° W		17·8			92		80	— 4	·883		6·7		0			0·05	6·69	—6·64	0·80	9·09	— 8·29	0·05	Dwarka.
					10	14	1	S 68° W	S 76° W	20·9	14·2	+6·7	92	+11	69	—14	·771	—·102	7·5	—0·5	1	11·20	—10·20	0·70	11·70	—11·00	3·07	16·03	—12·96	0·70	Rajkot.
			1	1	7	19		S 75° W	S 75° W	15·4	13·4	+2·0	79	— 4	91	+ 2	·957	+·045	7·3	—1·[illegible]	2	10·90	—8·90	1·18	7·70	—6·52	3·93	11·23	— 7·30	0·87	Veraval.
					21	4	6	S 65° W	S 48° W	5·5‡	14·7	—9·2	80	+ 3	69	—11	·808	—·114	7·6	0	1	10·20	—9·20	0·63	6·49	—5·86	3·63	10·12	— 6·49	0·56	Bhavnagar Para.
	1		1	3	9	14	1	S 66° W	S 55° W	9·3	13·0	—3·7	72	— 5	81	— 5	·899	—·014	8·1	+0·1	9	16·10	—7·10	2·65	17·54	—14·89	8·08	25·58	—17·50	0·70	Surat.
2				4	16	1	4	S 55° W	S 55° W	8·3	6·6	+1·7	59	—12	71	—12	·807	—·083	6·5	—2·3	3	13·50	—10·50	2·38	12·18	—9·80	6·78	16·66	— 9·88	1·56	Ahmadabad.
			1	2	10	16	2	S 71° W	S 70° W	12·7*	19·4	—6·7	82	+ 8	84	— 2	·905	—·006	7·9	—1·1	13	23·00	—10·00	15·24	25·17	—9·93	26·13	44·36	—18·23	4·38	Bombay.
	2	1	1	1	5	15	2	S 81° W	S 65° W	11·1	11·7	—0·6	56	—12	87	— 1	·866	—·025	8·0	—0·7	22	25·90	—3·90	25·64	34·41	—8·77	47·23	64·68	—17·45	4·41	Ratnagiri.
2		3	1	1	4	14	4	N 89° W	S 76° W	10·3	10·0	+0·3	51	—23	92	+ 4	·876	—·011	9·6	+0·5	27			28·98	33·39	—4·41	59·47	66·26	— 6·79	4·90	Goa.
				2	8	17	1	S 75° W	N 63° W	10·6*	13·2	—2·6	72	— 8	93	+ 4	·915	+·000	8·6	+1·0	2[illegible]			26·71	32·10	—5·39	54·21	63·65	— 9·44	3·50	Marmagao.
3			1	17	2		1	S 6° W	S 75° W	4·3	5·8	—1·5	49	—18	88	+ 2	·849	+·007	8·4	+0·4	26	27·40	+0·60	32·51	38·98	—6·47	54·34	80·31	—25·97	3·23	Karwar.
					7	21	3	S 84° W	S 75° W	13·5	14·5	—1·0	92	+ 6	71	— 7	·711	—·044	1·9	—5·8	7	7·30	—0·30	11·63	4·85	+6·68	15·01	10·26	+ 4·75	5·91	Malegaon.
2					6	16	7	S 87° W	S 74° W	11·3	20·7	—9·4	82	+ 7	76	— 6	·674	—·042	6·6	—1·2	11	6·40	+4·60	10·77	3·39	+7·38	12·97	9·11	+ 3·86	6·85	Ahmadnagar.
						29		W	S 76° W	16·2	16·9	—0·7	94	+ 8	77	— 5	·668	—·041	5·6	—3·2	5	12·50	—7·50	2·49	7·43	—5·03	6·80	13·12	— 6·32	1·58	Poona.
					12	22	7	S 82° W	S 69° W	9·9	14·4	—4·5	82	— 2	79	+ 7	·709	+·028	7·8	—0·3	9	7·60	+1·40	6·26	4·28	+1·98	10·39	10·01	+ 0·38	1·45	Sholapur.
1					14	14	2	S 73° W	S 74° W	14·6	10·2	+4·4	86	+ 1	82	+ 2	·700	+·002	7·6	—0·5	11	5·10	+5·90	6·05	2·00	+4·05	8·91	6·53	+ 2·38	2·18	Bijapur.
					10	17	1	S 75° W	S 77° W				86	— 1	90	— 3	677	—·005	9·2	—0·1	18	21·80	—3·80	11·86	15·97	—4·11	24·11	26·80	— 2·69	3·00	Belgaum.
																															X.—Central India.
				5	13	11	2	S 59° W	S 71° W	14·4	12·2	+2·2	79	— 1	76	— 6	·742	—·058	7·4	+0·6	6	10·10	—4·10	3·32	8·87	—5·55	9·24	13·24	— 4·00	1·61	Neemuch.
					2	20	8	N 82° W	S 81° W	9·7	6·7	+3·0	89	+14	78	— 9	·720	—·062	8·9	+0·2	7	12·50	—5·50	3·21	9·84	—6·63	7·34	15·95	— 8·61	1·00	Indore.
				1	7	22		S 78° W	S 81° W	5·4	4·2	+1·2	92	+34	70	—13	·813	—·072	6·4	—0·6	8	14·80	—6·80	7·20	13·69	—6·49	11·97	20·45	— 8·48	4·65	Nowgong.
4			1	2	12	8	4	S 77° W	S 74° W	8·6	9·2	—0·6	62	+17	67	—16	·779	—·079	7·8	+0·7	9	15·00	—6·00	2·81	13·93	—11·12	7·56	20·13	—12·57	0·71	Satna.
																															XI.—Central Provinces.
													84		77		·687		8·5		8			3·44	9·02	—5·58	11·33	15·97	—4·64	0·77	Buldana.
1					7	18	5	S 89° W		7·5	9·3	—1·8	86	+ 4	72	— 7	·722	—·060	9·0	+1·1	10	12·30	—2·30	6·90	10·03	—3·13	11·15	15·52	— 4·37	3·01	Akola.
				1	4	18	8	N 86° W	N 88° W	11·1	9·1	+2·0	53	—30	77	— 9	·744	—·050	6·3	—1·5	8	12·30	—4·30	3·51	9·47	—5·96	10·15	16·58	— 6·43	0·95	Amraoti.
						9	9	N 67° W	S 88° W	6·2	9·1	—2·9	89	+ 3	72	— 9	·739	—·047	7·9	+0·4	9	11·10	—2·10	3·59	8·93	—5·34	5·65	14·44	—8·79	1·85	Khandwa.
1					2	23	4	N 86° W	W	12·8	9·4	+3·4	69	— 6	78	— 9	·796	—·056	7·2	—1·2	8	16·10	—8·10	7·67	15·75	—8·08	11·66	22·17	—10·51	2·42	Hoshangabad
					10	12	3	S 77° W	S 54° W	6·3	4·8	+1·5	92	+21	79	— 8	·723	—·083	7·3	+0·1	10	16·50	—6·50	8·48	14·56	—6·08	17·21	21·95	— 4·74	2·19	Saugor.
1				1	2	26	1	S 89° W	S 80° W	12·0	6·4	+5·6	72	+ 7	76	—11	·752	—·076	7·6	—0·5	8	18·40	—10·40	10·60	18·44	—7·84	16·90	26·62	— 9·72	5·45	Jubbulpore.
				1	2	5	15	6	S 85° W	S 74° W	3·6	4·7	—1·1	72	+ 7	80	— 7	·730	—·059	7·2	—1·0	12	6·60	—6·60	6·63	15·87	—9·24	21·59	25·43	— 3·84	1·18	Seoni.
2				1	4	16	4	N 87° W	S 76° W	6·4	6·1	+0·3	67	— 1	75	— 8	·755	—·070	6·7	—1·7	11	15·80	—4·80	5·43	14·38	—8·95	21·11	23·84	— 2·73	0·95	Nagpur.
1			1			7	3	N 74° W§	S 76° W	6·6¶	8·7	—2·1	30		76		·744		4·7		7			2·55	14·52	—11·97	11·94	23·62	—11·68	1·06	Pendra.
3		1	4	4	1	6	5	N 78° W		7·3			92	+27	80	— 6	·797	—·044	7·0	—1·6	8	15·80	—7·80	5·65	14·95	—9·30	21·55	24·26	— 2·71	2·20	Raipur.
					2	26	2	1	S 47° W	S 49° W	9·4	11·1	—1·7	82	+ 4	76	— 2	·783	—·013	6·0	—2·0	11	16·80	—5·80	9·33	17·14	—7·81	19·35	25·04	—5·66	4·23	Chanda.
					4	21	2	2	S 87° W	S 69° W	8·5	6·0	+2·5	62		81		·769		5·8		13			13·53		26·89			2·25	Jagdalpur (Bastar

ns, the elevations of which exceed 3,000 feet.

* Uncorrected for scale error.

§ Mean of 12 days.

¶ Mean of 11 days.

Ta

(2) *Abstract of observations taken at 8 hrs. at*

Number of subdivisions.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	XII.—Hyderabad.																					
28	Aurangabad	1,905	27·857	+·031	29·684	27·947	3rd & 27th.	27·797	11th	·150	75·3	87·3	+0·4	70·8	+0·2	79·1	+0·3	16·5	94·2	1st & 28th.	68·2	4 days
	Nizamabad	1,248	28·475		29·660	28·558	27th	28·404	11th	·154	77·4	90·4	+2·0	73·8	−0·1	82·1	+0·9	16·6	98·4	3rd	70·2	10th
	Bidar	*2,165*	27·581†		29·674†	27·642	3rd	27·523	5th	·119	72·4	87·0		71·2		79·1		15·8	96·5	8th	64·5	14th
29	Gulbarga	1,503	28·263	+·014	29·700	28·341	27th	28·189	6th	·152	76·2	89·3	−0·5	72·1	+0·3	80·7	−0·1	17·2	96·5	28th	70·3	9th, 10th & 24th.
	Raichur	*1,311*	28·481	+·027	29·730	28·554	27th	28·397	5th	·157	77·0	89·8	−0·3	72·4	−0·7	81·1	−0·5	17·4	95·5	28th	70·6	3rd
	Hyderabad (Deccan)	1,690	28·057	+·015	29·671	28·136	27th	27·990	11th	·146	76·6	89·1	+2·0	73·3	+1·6	81·1	+1·8	15·8	97·8	3rd & 5th	69·7	4th
	Hanamkonda	677	28·842	+·031	29·656	28·907	13th	28·772	6th	·135	81·3	90·8	+1·6	76·2	+0·1	83·5	+0·9	14·6	99·0	28th	64·2	15th
	XIII.—Mysore.																					
30	Chitaldrug	2,405	27·442	+·020	29·751	27·519	14th	27·341	6th	·178	72·3	82·8	+0·9	68·1	−0·3	75·5	+0·3	14·7	89·1	3rd	65·4	18th
	Hassan	3,149	26·758	+·018	29·828	26·818	27th	26·666	6th	·152	69·5	77·3	+0·5	65·1	+0·2	71·2	+0·3	12·2	84·1	3rd	63·9	9th & 27th.
	Bangalore	3,021	26·878	+·016	29·773	26·942	13th	26·779	6th	·169	69·2	81·3	−0·6	65·4	−0·4	73·4	−0·5	15·9	85·8	3rd	63·8	17th & 27th.
	Mysore	2,518	27·378	+·013	29·798	27·454	14th	27·285	5th	·169	71·5	80·5	−2·2	65·7	−0·2	73·6	−1·2	13·8	87·0	2nd	66·0	8 days
	XIV.—Madras.																					
31	Mangalore	65	29·811	+·007	29·811	29·902	14th	29·707	5th	·195	78·0	83·5	−0·3	72·6	−0·1	78·0	−0·2	10·9	86·8	23rd	69·3	9th & 11th.
	Calicut	27	29·872	+·007	29·828	29·971	14th	29·778	5th	·193	76·4	81·7	−0·8	74·3‡	+0·4	78·1‡	−0·2	7·4	84·8	5th	71·6	17th
	Cochin	9	29·919	+·023	29·855	30·002	14th	29·842	5th	·160	77·4	82·5	−1·0	73·9	−0·2	78·2	−0·6	8·6	85·7	31st	71·2	6th
	Trivandrum	198	29·732	+·038	29·861	29·818	13th	29·667	4th	·151	76·7	82·9	+0·8	74·8	+1·8	78·9	+1·3	8·1	88·0	4th & 5th.	73·0	4 days
32	Tinnevelly	168	29·706	+·035	29·892	29·814	13th	29·599	5th	·215	84·1	93·4	−2·4	77·4	−2·0	85·4	−2·2	16·0	97·2	3rd & 23rd.	71·9	12th
	Pamban	37	29·817	+·020	29·782	29·921	13th	29·717	5th	·204	81·9	89·5	+0·4	76·3	−3·2	82·9	−1·4	13·2	92·2	27th	73·0	19th
	Madura	447	29·404	+·030	29·780	29·499	13th	29·302	5th	·197	83·4	94·5	−2·7	76·8	+0·4	85·7	−1·1	17·7	100·0	29th	73·1	20th
	Pudukkottai	318	29·525		29·774	29·613	13th	29·424	5th	·189	82·7	95·6		77·3		86·5		18·3	101·2	29th	73·3	4th
	Negapatam	31	29·796	+·010	29·756	29·893	13th	29·705	5th	·188	84·2	96·2	+0·3	78·3	+0·1	87·3	+0·2	17·9	100·0	2nd, 28th & 29th.	74·0	4th
	Trichinopoly	255	29·589	+·020	29·776	29·695	13th	29·490	5th	·205	82·9	95·5	−2·0	77·7	−0·2	86·6	−1·1	17·8	100·6	28th	74·3	19th
	Coimbatore	1,341	28·510	+·012	29·785	28·590	13th	28·418	5th	·172	75·6	84·0	−4·0	70·3	−0·4	77·2	−2·2	13·7	90·0	1st	62·3	10th
	Salem	940	28·938	+·022	29·812	29·033	13th	28·850	5th	·183	78·3	93·0	−0·1	73·0	0	83·0	−0·1	20·0	96·5	28th	69·8	10th
	Cuddalore	37	29·781	+·021	29·748	29·878	13th	29·687	5th & 6th	·191	83·0	95·8	−0·1	77·4	−0·3	86·6	−0·2	18·4	101·8	1st	65·7	4th
	Vellore	707	29·078		29·720	29·150	14th	28·967	6th	·183	80·7	92·1		76·0		84·1		16·1	98·7	1st	71·0	2nd
	Madras	22	29·772	+·006	29·726	29·862	14th	29·664	6th	·198	84·9	98·2	+2·5	80·1	+1·4	89·2	+1·9	18·1	103·5	28th & 31st.	74·0	10th
33	Cuddapah	433	29·361	+·015	29·728	29·425	14th	29·259	6th	·166	82·3	95·6	+0·3	75·4	−2·6	85·5	−1·1	20·2	101·2	28th & 29th.	72·1	5th
	Bellary	1,475	28·316	+·008	29·718	28·399	14th	28·217	6th	·182	78·5	92·4	+1·5	74·6	0	83·5	+0·7	17·8	97·0	27th & 28th.	70·8	27th
	Kurnool	923	28·855	+·013	29·717	28·932	14th	28·754	6th	·178	77·8	91·3	−0·1	74·1	−0·6	82·7	−0·3	17·2	97·7	3rd	70·6	15th
34	Nellore	66	29·696	+·017	29·696	29·782	14th	29·587	6th	·195	85·3	98·0	+0·7	80·1	+0·5	89·1	+0·6	17·9	103·6	3rd & 28th.	76·1	4th
	Masulipatam	15	29·721	+·019	29·671	29·806	13th	29·641	6th	·165	81·8	93·5	+0·8	77·6	−0·5	85·5	+0·1	15·9	102·3	1st	72·2	15th
	Cocanada	26	29·679	+·022	29·642	29·741	28th	29·634	16th	·107	81·3	90·2	−1·5	78·0	−1·2	84·1	−1·4	12·2	97·2	2nd	73·6	10th, 12th & 15th.
	Waltair (Vizagapatam).	*226*	29·443	+·044	29·609	29·530	3rd	29·375	16th	·155	82·2	89·7		78·5		84·1		11·2	99·1	23rd	71·4	7th
	Calingapatam	19	29·631		29·588	29·717	3rd	29·558	11th	·159	83·6	94·0		79·6		86·8		14·4	102·3	23rd	75·0	3rd & 13th.
	Gopalpur	33	29·592	+·017	29·566	29·708	3rd	29·514	16th	·194	83·9	91·3	+3·9	80·3	+1·1	85·8	+2·5	11·0	99·7	24th	77·5	9th & 14th.

N.B.—Elevations in italics indicate barometrical determinations.
Note.—The barometric readings are not reduced to sea-level, in the cases of hill or plateau stations, the elevations of which exceed 3,200 feet

† Mean of 7 days.
‡ " " 30 "

B—*continued.*

stations in India, etc., in July, 1911—continued.

Wind direction. Number of winds from Calm. (25)	N. (26)	N.E. (27)	E. (28)	S.E. (29)	S. (30)	S.W. (31)	W. (32)	N.W. (33)	Resultant direction. (34)	Normal direction. (35)	Wind velocity. Mean velocity, miles per hour. (36)	Normal. (37)	Departure from normal. (38)	Wind steadiness. Actual percentage. (39)	Departure from normal. (40)	Hygrometry, 8 hrs. Mean humidity at 8 hrs. (41)	Departure from normal. (42)	Mean vapour tension at 8 hrs., in inches of mercury. (43)	Departure from normal in inches of mercury. (44)	Cloud. Mean cloud amount at 8 hrs. (45)	Departure from normal. (46)	Rainfall. Number of rainy days. (47)	Normal number of rainy days. (48)	Departure from normal. (49)	Rainfall of month. (50)	Normal rainfall of month. (51)	Departure from normal. (52)	Total rainfall from 1st May to 31st July, 1911. (53)	Normal rainfall for period, 1st May to 31st July. (54)	Departure from normal of period, 1st May to 31st July, 1911. (55)	Heaviest rainfall during month. (56)	Station. (57)
																																XII.—Hyderabad.
1						3	15	12	N 76° W		21·0			86		81	0	·700		8·1		10	11·60	−1·60	8·75	6·66	+2·09	13·11	12·52	+0·59	3·28	Aurangabad.
6						12	11	2	S 72° W		8·9			72		77	− 3	·718		5·2		9	15·70	−6·70	7·72	10·26	−2·54	12·62	15·44	−2·82	3·10	Nizamabad.
1	1					9	15	5	S 85° W		7·3§			81		80		·709		7·5		14	12·60	+1·40	7·70	8·03	−0·33	9·88	13·79	−3·91	1·75	Bidar.
						10	13	8	S 87° W	S 84° W	10·9	15·8	−4·9	86	+ 5	76	− 3	·680	−·038	3·9	4·3	13	9·10	+3·90	9·45	6·21	+3·24	12·51	12·53	−0·02	2·47	Gulbarga.
		1				10	16	4	S 82° W	S 50° W	15·0	14·9	+0·1	82	+13	76	+ 1	·707	−·006	6·8	7·2	13	9·20	+3·80	6·13	5·25	+0·88	11·81	9·70	+2·11	2·31	Raichur.
4							26	1	N 89° W	N 85° W	7·1	9·9	−2·8	89	− 3	75	− 3	·682	−·026	6·4	−·1	10			6·99	5·90	+1·09	10·51	11·16	−0·65	1·46	Hyderabad (Deccan).
1	1					3	16	19	N 76° W		10·3			86		66	− 6	·700		6·1		12	12·50	−0·50	5·91	9·50	−3·59	10·48	15·89	−5·41	1·61	Hanamkonda.
																																XIII.—Mysore.
						12	17	2	S 75° W	S 72° W	10·8	11·6	−1·0	92	− 1	81	− 1	·656	−·003	9·0	−0·[illegible]	9	8·60	+0·40	2·37	3·20	−0·83	6·12	9·58	−3·46	0·43	Chitaldrug.
						10	16	5	S 84° W	S 87° W	11·6	5·0	+6·6	87	− 2	88	+ 3	·633	+·010	7·9	−0·6	15	12·60	+2·40	6·57	5·27	+1·30	16·24	14·52	+1·72	1·57	Hassan.
						6	23	2	S 84° W	S 66° W	11·1	9·6	+1·5	96	+ 6	87	+ 3	·620	+·001	8·8	+0·6	11	8·20	+2·80	6·07	4·17	+1·90	11·82	11·38	+0·44	2·86	Bangalore.
						17	14		S 65° W	S 67° W	12·6	14·4	−1·8	92	+ 2	86	+ 4	·660	+·028	9·2	+0·7	0	7·30	+2·70	5·05	2·52	+2·53	20·40	10·48	+9·92	2·15	Mysore.
																																XIV.—Madras.
8		3	1			3	11	5	N 76° W	N 76° W	5·4	3·1	+2·3	43	+ 3	83	− 3	·852	−·009	7·3	−1·7	21	27·80	−3·80	23·82	38·64	−14·82	64·91	81·66	−16·75	3·49	Mangalore.
13	1		1	1			8	7	N 65° W	N 11° W	5·3	7·9	−2·6	40	+18	93	+ 2	·818	+·016	9·0	+0·4	24	26·20	−2·20	24·61	31·20	−6·59	73·11	73·18	−0·07	4·39	Calicut.
9	4		1	1	1	2	5	8	N 58° W	N 21° W	6·9*	6·3	+0·6	40	+ 8	84	− 4	·787	−·018	7·5	−0·8	27	23·40	+3·60	22·03	22·88	−0·82	70·13	62·40	+7·73	4·00	Cochin.
2	5						4	20	N 43° W	N 18° W	7·8*	9·0	−1·2	86	+ 7	83	0	·806	−·005	9·0	+0·5	17	13·10	+3·90	8·99	7·16	+1·83	26·06	28·80	−2·74	1·69	Trivandrum.
3	1					6	16	5	N 89° W	N 72° W	8·7	9·5	−0·6	76	− 5	60	+ 1	·693	+·001	6·3	−0·5	0	0·60	−0·60	0·04	0·42	−0·38	2·75	2·44	+0·31	0·02	Tinnevelly.
4					1	17	8	1	S 59° W	S 51° W	11·2	12·0	−0·8	79	+ 4	77	0	·837		4·0		0	0·60	−0·60	0·03	0·32	−0·29	0·13	1·24	−1·11	0·02	Pamban.
	1					3	14	13	N 72° W	N 59° W	10·8	3·8	+7·0	86	+21	67	+ 3	·756	+·031	7·9	+2·7	1	3·00	−2·00	0·31	1·95	−1·64	6·86	6·20	+0·66	0·11	Madura.
4					2	5	8	12	N 81° W		10·4			65		70		·780		7·0		1			2·33	3·98	−1·65	8·17	7·40	+0·77	2·25	Pudukkottai.
						11	19	1	S 75° W	S 77° W	6·9††	7·4	−0·5	92	+ 9	71	+ 4	·821	+·014	5·0	−0·8	3	3·50	−0·50	0·79	1·99	−1·20	3·71	5·13	−1·42	0·37	Negapatam.
					1	11	17	2	S 74° W	S 86° W	9·9*	9·8	+0·1	89	+ 2	62	0	·683	−·010	6·1	−1·[illegible]	0	1·90	−1·90	0·10	1·31	−1·21	3·97	5·99	−2·02	0·06	Trichinopoly.
					7	23	1		S 36° W	S 49° W	12·9	7·3	+5·6	92	+13	87	+ 3	·771	+·023	6·7	+0·2	9	3·70	+5·30	4·28	1·38	+2·90	12·31	5·41	+6·90	1·57	Coimbatore.
					3	9	18	1	S 71° W	S 25° W	5·5	4·7	+0·8	86	+13	79	+ 1	·770	+·004	7·3	+0·9	7	7·00	0	1·63	3·84	−2·21	7·61	11·90	−4·29	0·44	Salem.
1					1	21	8		S 55° W	S 76° W	8·2	2·4	+5·8	92	+20	72	− 5	·812	−·030?	6·2	−0·3	8	5·50	+2·50	3·03	3·44	−0·41	3·48	5·73	−2·25	1·14	Cuddalore.
3	1	2	2	8		2	1	12	N 27° W		13·0			16		71		·735		6·0		10	6·30	+3·70	4·97	5·06	−0·09	8·28	10·72	−2·44	2·07	Vellore.
					1	7	23		S 77° W	S 72° W	8·1*	7·9	+0·2	96	+12	66	− 3	·799	+·007	5·2	−2·2	5	12·70	−7·70	1·14	4·09	−2·95	1·78	7·07	−5·29	0·45	Madras.
							20	11	N 74° W	S 88° W				96	+17	67	− 1	·741	−·012	7·0	−0·8	6	6·20	−0·20	1·98	3·84	−1·86	9·89	8·54	+1·35	0·53	Cuddapah.
		1				6	20	4	S 88° W	S 87° W	11·2	11·9	−0·7	85	− 5	67	+ 2	·638	−·009	7·3	−0·9	4	3·70	+0·30	0·95	1·71	−0·76	2·55	5·79	−3·24	0·33	Bellary.
					2	12	9	8	S 78° W	S 87° W	13·9*			76	+ 4	76	+ 4	·725	+·005	5·1	−2·0	11	9·30	+1·70	5·39	4·89	+1·10	9·78	9·01	+0·77	1·07	Kurnool.
	1					7	12	11	N 81° W	N 79° W	10·0*	10·0	0	82	+10	62	− 6	·750	−·058	6·2	−1·4	3	4·80	−1·80	0·65	2·74	−2·09	2·03	4·70	−2·67	0·16	Nellore.
5						2	10	14	N 68° W	N 69° W	9·3	8·7	+0·6	72	−10	81	+ 2	·874	+·002	7·2	−0·8	13	9·40	+3·60	9·24	6·02	+3·22	13·99	11·85	+2·14	2·10	Masulipatam.
4						11	14	2	S 74° W	S 74° W	7·0	8·4	−1·4	79	− 5	81	+ 7	·899	+·065	6·6	−1·4	10	9·90	+0·10	8·66	5·71	+2·95	16·81	11·61	+5·20	3·18	Cocanada.
1			1		2	27			S 41° W	S 75° W	9·2			89	+ 9	78	+ 2	·851	−·016	7·6	−0·7	9	7·70	+1·30	4·73	4·01	+0·22	8·78	10·90	−2·12	0·99	Waltair (Vizagapatam).
1	1			2		8	14	5	S 82° W		7·7			71		77		·875		7·1		5			1·31	5·38	−4·07	5·55	11·40	−5·85	0·28	Calingapatam.
9					11	11			S 22° W	S 49° W	11·1	12·7	−1·6	69	+ 4	80	− 5	·909	−·021	5·5	−2·8	3	9·40	−6·40	0·72	7·30	−6·58	7·12	15·07	−7·95	0·29	Gopalpur.

§ Mean of 24 days.
†† „ „ 25 „

* Uncorrected for scale error.

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(2) *Abstract of observations taken at 8 hrs. at*

Number of subdivision.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	Bay Islands.																					
1	P. V. Fraser	8	29·613		29·540	29·765	3rd & 28th.	29·510	4th & 7th.	·255	81·1											
	Port Blair	58	29·766	—·006	29·754	29·862	13th	29·701	1st	·161	80·4	84·8	—0·6	77·2	—0·2	81·0	—0·4	7·6	87·7	2nd	73·0	17th
	Slipper Island	90	29·677		29·701	29·782	8th	29·585	5th	·197	81·2	85·3		76·5		80·9		8·8	87·1	1st	71·1	22nd
	Kashmir.																					
14	Muzaffarabad	2,475	27·188		29·584	27·311	2nd	27·061	16th	·250	80·8	99·0		71·2		85·1		27·8	108·3	14th	64·5	26th
	Srinagar	5,204	24·681	+·014	24·652	24·830	3rd	24·540	19th	·290	68·9	86·4	+1·5	61·1	—3·5	73·7	—1·0	25·3	94·1	31st	52·6	24th
	Gulmarg	*8,569*	21·760	—·004	21·728	21·898	28th	21·646	22nd	·252	61·9	69·8	+1·4	47·9	—2·2	58·9	—0·4	21·9	77·2	10th, 30th & 31st.	39·8	24th
	Sonemarg	*8,764*																				
	Dras	*10,059*	20·709	0	20·677	20·844	28th	20·55	22nd	·259	60·3	77·6	—1·6	44·7	—2·7	61·1	—2·1	32·9	85·9	31st	38·0	3rd
	Leh	11,503	19·633	—·010	19·601	19·775	28th	19·44	22nd	·281	55·4	74·8	—3·4	47·2	—3·4	61·0	—3·4	27·6	84·9	30th	40·5	7th & 24th.
	Skardu	*7,505*	22·689	—·005	22·659	22·898	3rd	22·35	16th	·363	69·1	85·6	+0·7	60·1	—0·5	72·8	+0·1	25·5	98·9	30th	49·1	3rd
	Minimarg	*9,359*							Observations not received.													
	Astor	*7,955*							Ditto.													
	Gilgit	4,890	24·843		24·816	25·038	3rd	24·667	16th	·371	79·0	96·0	—0·6	70·0	—3·3	83·0	—1·9	26·0	107·2	29th & 30th.	60·2	24th
	Baluchistan.																					
16	Quetta	5,502	24·461	+·035	24·421	24·603	28th	24·355	22nd	·248	76·1	92·9	+0·2	58·4	—6·3	75·6	—3·1	34·5	99·6	31st	51·7	9th
	Chaman	4,311	25·457	+·018	25·419	25·589	28th	25·363	22nd	·226	84·4	97·8	—3·2	71·5	—5·5	84·6	—4·3	26·3	104·8	31st	63·7	9th
	Dalbandin	2,779	26·806†		29·375†	26·969	28th	26·688	22nd	·281	89·3	107·7		72·9		90·3		34·8	115·8	20th	66·8	9th
	Robat		26·694		26·652	26·819	8th	26·592	19th	·227	89·4	103·3		77·3		90·3		26·0	108·0	30th & 31st.	69·8	2nd
	Pasni		29·593		29·553	29·775	28th	29·472	22nd	·304	81·0	88·1		78·2		83·1		9·9	100·0	2nd	74·0	10th
	Hill Stations excluding Kashmir and Baluchistan.																					
	Chitral	*5,486*									75·0	93·2		63·0		78·1		30·2	99·2	29th, 30th & 31st.	56·4	25th
	Para Chinar	6,000	24·276		24·252	24·414	27th	24·158	22nd	·256	77·5	89·3		65·3		77·3		24·0	95·7	20th & 31st.	58·1	4th
	Cherat	*4,956*	25·486	+·004	25·454	25·632	27th	25·359	22nd	·273	81·4	94·5	+5·9	73·9	+3·2	81·2	+4·5	20·6	101·2	31st	67·4	4th & 23rd.
	Murree	6,333	23·698	—·006	23·666	23·841	27th	23·581	22nd	·260	69·5	80·8	+3·8	64·2	+1·7	72·5	+2·7	16·6	89·1	9th	52·2	21st.
	Simla	7,232	22·982	+·015	22·941	23·131	28th	22·871	16th	·254	64·9	72·7	+3·5	61·6	+1·5	67·1	+2·5	11·1	78·7	7th & 9th.	53·2	23rd
	Sarain		23·006		22·968	23·154	28th	22·901	21st	·253	66·6	74·2		58·0		66·1		16·2	79·2	8th & 9th.	52·3	16th
	Kalabagh		20·048		20·010	20·216	28th	19·947	21st	·269	49·9	55·7		46·7		51·2		9·0	60·2	9th	43·1	25th
	Chakrata	7,022	23·143	+·001	23·103	23·307	28th	23·041	21st	·266	66·5	73·1	+3·2	61·0	+0·8	67·0	+2·0	12·1	78·2	2nd	57·2	16th
	Mukteswar	7,592	22·700	—·024	22·659	22·851	28th	22·591	21st	·260	63·0	73·5	+2·4	58·1	—0·6	65·8	+0·9	15·4	79·5	6th, 8th & 26th.	56·0	17th & 23rd.
	Darjiling	7,376	22·860	—·053	22·815	22·996	28th	22·742	21st & 23rd.	·254	61·2	67·5	+1·5	58·6	+0·9	63·1	+1·2	8·9	71·8	28th	56·2	10th & 25th.
	Shillong	4,920	24·952		24·904	25·080	3rd	24·805	18th	·275	69·4	75·2		64·6		69·9		10·6	77·9	26th & 28th.	60·7	25th
	Cherrapunji	4,309	25·511		25·462	25·655	28th	25·353	18th	·302	66·6	71·0		64·5		67·8		6·5	75·7	26th	60·6	4th
	Maymyo	3,545	26·262	—·025	26·207	26·360	3rd	26·142	23rd	·218	69·2	74·6	—2·5	66·4	+1·0	70·5	—0·7	8·2	79·5	4th	61·1	25th
	Pachmarhi	3,528	26·257	+·038	26·204	26·376	3rd	26·170	11th	·206	70·9	79·0	+3·2	68·2	+0·2	73·6	+1·7	10·8	88·0	5th & 6th.	64·1	24th
	Mount Abu	3,945	25·862‖	+·043‖	25·812‖	25·966	3rd	25·796	11th	·170	68·2	79·8	+5·2	65·8	+0·1	72·8	+2·7	14·0	85·2	8th & 31st.	62·4	26th
	Mercara	3,781	26·176	+·009	26·109	26·255	14th	26·087	6th	·168	64·0	68·5	—0·4	61·9	—0·3	65·2	—0·3	6·6	75·0	3rd	60·0	17th
	Ootacamund	*7,327*	23·006		22·942	23·061	13th	22·941	5th	·120	55·0	60·5		51·6		55·9		8·9	68·0	5th	49·7	4th
	Kodaikanal	7,688	22·732	+·015	22·717	22·835	13th	22·714	5th	·131	55·4	60·6	—2·3	52·0	—0·7	56·3	—1·5	8·6	65·0	1st & 5th.	50·0	15th

N.B.—Elevations in italics indicate barometrical determinations.

† Mean of 30 days.
‖ „ „ 15 „

NOTE.—The barometric readings are not reduced to sea-level, in the c

B—*continued.*

***stations in India, etc., in July, 1911*—continued.**

Wind direction. Number of winds from: Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Resultant direction.	Normal direction.	Wind velocity. Mean velocity, miles per hour.	Normal.	Departure from normal.	Wind steadiness. Actual percentage.	Departure from normal.	Hygrometry, 8 hrs. Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs. in inches of mercury.	Departure from normal in inches of mercury.	Cloud. Mean cloud amount at 8 hrs.	Departure from normal.	Rainfall. Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st May to 31st July, 1911.	Normal rainfall for period, 1st May to 31st July.	Departure from normal of period, 1st May to 31st July, 1911.	Heaviest rainfall during month.	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	54	55	56	57
																																Bay Islands.
					4	21	6		S 48° W					90		85		·900		7·7		6			4·83			11·22			1·53	P. V. Fraser.
2					1	15	12	1	S 65° W	S 61° W	13·4	11·6	+1·8	82	+ 1	84	− 3	·877	−·050	8·6	+0·1	25			9·97	15·70	−5·73	48·41	51·84	− 3·43	1·30	Port Blair.
1				2	3	21	3	1	S 43° W		22·8			79		89		·941		8·0		22			12·52	13·89	−1·37	24·84	39·15	−14·31	1·74	Slipper Island.
																																Kashmir.
	3	2	3		7	12	3	1	S 37° W		1·3			43		52		·531		2·8		7			4·93			10·65			2·27	Muzaffarabad.
11	2	2	1	5	4	1		5	S 52° E	S 43° E	2·9	3·9	−1·0	7	−15	81	− 4	·574	−·068	2·0	−2·6	2	5·30	−3·30	0·72	2·87	−2·15	2·75	7·23	− 4·48	0·40	Srinagar.
7		12	8	3				1	N 69° E		5·7			62		66	−15	·369		2·1		8			3·05	4·28	−1·23	9·64‡	8·05§	+ 1·59	1·31	Gulmarg.
																						9			2·68	4·06	−1·38	9·79	12·99	− 3·20	0·54	Sonemarg.
26						1	3	1	W		7·1			14		60	− 1	·312		2·2		1	0·90	+0·10	0·14	0·81	−0·67	2·32	4·61	− 2·29	0·11	Dras.
29					1		1		S 45° W	S 85° W	3·4	2·1	+1·3	3	−40	55	+ 3	·215	−·010	4·9	+0·7	2	1·20	+0·80	0·40	0·47	−0·07	0·43	0·85	− 0·42	0·19	Leh.
19			5		4	2	1		S 26° E		9·7			20		39	−12	·273		3·9		2	0·70	+1·30	0·36	0·57	−0·21	0·69	2·18	− 1·49	0·15	Skardu.
													Obs	erva	tions	not	receive	d.														Minimarg.
														Dit	to		di	tto.														Astor.
27			3				1		E		2·2			6		40	− 6	·398	−·053	2·1	−2·0	0	2·00	−2·00	0·04	0·59	−0·55	0·65	1·93	− 1·28	0·02	Gilgit.
																																Baluchistan.
30					1				S	S 6° W	1·9	3·3	−1·4	3	− 4	37†	−20	·331†	−·206	1·7	+0·6	0	0·60	−0·60	0·05	0·74	−0·69	0·15	1·29	− 1·14	0·05	Quetta.
8				1	6	12	4		S 38° W	S 33° W	6·3	9·4	−3·1	62	+ 2	25	− 8	·297	−·131	0·1	−0·5	0	0·30	−0·30	0	0·06	−0·06	0·02	0·20	− 0·18	0	Chaman.
		1	2	5	14	7	2		S 47° W		8·6*			72		63		·878		0·1		0			0			0·08			0	Dalbandin.
5	2	8	10	2	1	3			N 79° E		10·4			49		25		·356		0·3		0			0			0·08			0	Robat.
6		1	5	3	1	8	6	1	S 32° W		7·7			30		90		·956		0·3		0			0			0			0	Pasni.
																																Hill Stations excluding Kashmir and Baluchistan.
12	7				6				N		5·8			4		49		·426				0			0·08	0·40	−0·32	0·88	2·95	− 2·07	0·08	Chitral.
29						2			S 45° W		3·6			3		41		·391		0·9		0	7·80	−7·80	0·21	3·57	−3·36	4·65	8·54	− 3·89	0·06	Para Chinar.
11	5	2		3	3	2	1	4	N 33° W	S 18° E	10·4	9·1	+1·3	13	−19	46	−26	·490	−·143	3·3	−0·9	0			0·01	3·86	−3·85	2·71	6·64	− 3·93	0·01	Cherat.
23	3	1		2				2	N 11° E	S 86° E	4·1	6·1	−2·0	13	+ 8	60	−17	·425	−·092	3·5	−1·2	8	16·20	−8·20	3·33	11·67	−8·34	7·36	18·12	−10·76	1·04	Murree.
																70	−18	·423	−·089	5·6	−2·8	8	18·90	−10·90	5·25	16·95	−11·70	9·99	26·54	−16·55	1·62	Simla.
23					3	4	1		S 34° W		0·7			23		66		·424		5·4		10			5·32	10·96	−5·64	11·17	18·79	− 7·62	1·40	Sarain.
10	4	1		2	6			8	N 45° W		8·5			13		83		·298		6·9		14			5·80	15·37	−9·57	14·89	23·38	− 8·49	1·13	Kalabagh.
14	1	1		8	7				S 30° E	S 48° W	4·0	6·2	−2·2	43	+32	80	−11	·514	−·023	5·9	0	11	19·80	−8·80	6·84	20·22	−13·38	14·55	30·47	−15·92	2·41	Chakrata.
14							17		W		9·1			55		82	− 8	·469		5·6		10			3·06	13·50	−10·44	9·25	21·47	−12·22	0·86	Mukteswar.
28		1		1			1		E	S 83° E	1·1	3·6	−2·5	1	−29	97	0	·526	+·002	9·6	0	27	22·94	+4·06	41·32	32·37	+8·95	79·76	63·88	+15·88	5·82	Darjiling.
17			2	1		8	1	2	S 47° W		2·8			27		85	[illegible]	·608		8·8		19	18·00	+1·00	12·35	15·29	−2·94	44·79	41·64	+ 3·15	1·73	Shillong.
17		1		3	2	6	2		S 25° W		6·0			27		99		·647		9·7		30	27·30	+2·70	111·57	104·70	+6·87	328·55	227·81	+100·74	19·54	Cherrapunji.
10				1	20				S 43° W		3·8			69		91	+ 5	·655		8·3		9	12·10	−3·10	3·93	5·56	−1·63	26·32	23·89	+ 2·43	1·08	Maymyo.
1						7	11	12	N 82° W	S 85° W	12·1	10·8	+1·3	79	+ 4	86	− 4	·644	−·021	7·2	−1·6	10	22·00	−12·00	13·14	23·93	−10·79	24·60	33·86	−9·26	4·14	Pachmarhi.
			1	3	23	4			S 45° W	S 55° W	15·1	11·5	+3·6	89	+21	84	−12	·568	−·077	7·6	−1·4	3	17·60	−14·60	0·92	22·96	−22·04	6·05	28·93	−22·88	0·50	Mount Abu.
						6	17	8	N 87° W	N 84° W	9·7	9·8	−0·1	89	− 1	100	+ 4	·583	−·004	9·9	+1·1	31	29·10	+1·90	45·67	42·28	+3·39	91·28	73·81	+20·57	7·04	Mercara.
2				1	6	19	3		S 83° W		8·4			82		92		·398		9·3		22	12·20	+ 9·70	10·64	9·02	+1·62	33·90	22·96	+10·94	2·99	Cotacamund.
				•	1	29	10		N 77° W		19·0*			96		87	+ 6	·379		7·5		11	8·40	+ 2·60	5·71	5·01	+0·70	22·59	14·73	+ 7·86	1·52	Kodaikanal.

ill or plateau stations, the elevations of which exceed 3,000 feet.

* Uncorrected for scale error.

‡ Rainfall since 8th May, 1911.

§ Normal rainfall since 1st June.

Tal

(2) *Abstract of observations taken at 8 hrs. at*

Number of sub-division.	Station.	Elevation of bar-cistern above sea-level in feet.	Pressure 8 hrs. in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity at 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	Extra India.																					
	Singapore (a)	10	29·933		29·864	29·998	23rd	29·857	25th	·141	84·3	89·2		77·2		83·2		12·0	91·5	14th, 15th & 19th	73·0	11th
	Penang (a)	20	29·940		29·885	30·024	13th	29·856	1st	·168	83·9	90·2		73·5		81·9		16·7	93·0	16th & 20th	71·0	2nd, 4th & 5th.
	Trincomalee	99									78·2	92·9	+1·3	75·7	—1·9	84·3	-0·3	17·2	98·0	25th	70·0	2nd & 3rd
	Colombo	24	29·906	+·015	29·856	30·000	13th	29·816	5th	·184	78·0	86·7	+1·3	76·7	-0·9	81·7	+0·2	10·0	89·0	23rd & 25th	73·0	27th
	Minicoy	7	29·948			30·001	14th	29·865	6th	·166												
	Amini Divi	*13*	29·895	+·027	29·836	29·989	14th	29·795	6th	·194	80·7	85·1	+0·1	76·7	—0·8	80·9	—0·3	8·4	88·2	31st	73·1	7th
	Gyantse ✓	13,120	17·034		16·995	17·076	27th & 28th.	16·999	2nd	·077	58·3	75·1		43·6		59·3		31·5	81·3	4 days	39·0	27th
	Phariyong	14,400									47·7	56·2		35·2		45·7		21·0	67·1	8th	29·2	27th
	Gangtok	5,660									65·9	74·5		61·7		68·1		12·8	79·5	8th	57·4	3rd & 7th.
	Gartok (c) ✓	15,240	17·472			17·575	26th & 27th.	17·400	14th & 17th.	·175	52·1	66·6		38·5		52·5		28·1	73·2	27th	28·1	3rd
	Kashgar (c) ✓	4,255	25·394			25·600	27th	25·290	23rd	·310	76·8	92·0	+0·5	65·0	—2·6	79·0	—1·1	26·0	101·8	29th	55·8	1st
	Kabul					All observations rejected.																
	Meshed	3,104	26·712		26·690	26·814	29th	26·591	18th	·223	78·4	91·0		59·7	—5·8	75·3		31·3	95·1	29th	53·9	8th
	Jask	13	29·541	+·011	29·507	29·732	28th	29·423	23rd	·309	87·2	98·4	+2·6	84·5	—0·3	91·4	+1·1	13·9	105·3	9th	81·8	7th
	Muscat	20	29·542	+·026	29·510	29·743	23th	29·427	23rd	·316	83·1	100·9	+9·5	89·6	+2·1	95·3	+5·8	11·3	108·3	16th	82·6	6th
	Bahrein	18	29·567		29·537	29·706	28th	29·447	31st	·259	91·9	97·8		84·8		91·3		13·0	107·5	16th	81·7	7th
	Bushire	14	29·538	+·057	29·514	29·679	28th	29·427	31st	·252	89·4	95·0	+0·7	84·2	—0·1	90·1	+0·3	11·8	111·8	4th	79·0	6th
	Busrah	25	29·545		29·529	29·721	28th	29·396	16th	·325	90·0	103·7		84·6		94·2		19·1	109·5	2nd	79·3	28th & 29th
	Kerman										76·2	95·6		59·5		77·6		36·1	105·0	28th	50·9	13th
	Ispahan (b)	*5,817*	24·229			24·450	3rd	24·100	26th	·350	77·2	93·5¶	—4·9¶	63·5	—2·7	78·4¶	—3·8	30·0	101·4	28th	55·2	10th
	Tehran	*4,002*																				
	Baghdad	127	29·490	+·045	29·585	29·645	3rd	29·381	16th	·264	87·8	109·9	+2·6§	78·9	—0·5	94·4	+1·1	31·0	115·8	9th	71·7	25th
	Beirut §	111			29·791						86·5	86·8		72·7		79·8		14·1	89·2	30th	70·0	7th
	Aden	94	29·676	+·056	29·701	29·801	28th	29·595	12th	·206	86·5	93·2	+0·1	82·9	+0·6	88·1	+0·3	10·3	97·1	2nd & 8th	77·4	31st
	Perim	201	29·573	+·048	29·706	29·668	29th	29·481	12th	·187	87·7	95·9	-0·5	84·5	+1·1	90·2	+0·3	11·4	101·3	18th	80·7	19th & 20th.
	Zanzibar	72	30·154	+·056	30·154	30·216	18th	30·072	31st	·144	72·7	78·8	—1·4	71·0¶	—1·7¶	74·9¶	—1·5	7·8	80·8	16th	69·1	20th

N.B.—Elevations in italics indicate barometrical determinations.
NOTE.—The barometric readings are not reduced to sea-level, in the cases of hill or plateau stations, the elevations of which exceed 3,000 feet.

(b) Aneroid uncorrected.

(c) Aneroid corrected.

¶ Mean of 30 days.

(a) 9 hrs. observations.

§ 8½ hrs. observations.

B—*concluded.*

stations in India, etc., in July, 1911—concluded.

Wind direction. Number of winds from: Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Resultant direction.	Normal direction.	Wind velocity. Mean velocity, miles per hour.	Normal.	Departure from normal.	Wind steadiness. Actual percentage.	Departure from normal.	Hygrometry, 8 hrs. Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs. in inches of mercury.	Departure from normal in inches of mercury.	Cld. Mean amount at 8 hrs.	normal.	Rainfall. Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st May to 31st July, 1911.	Normal rainfall for period, 1st May to 31st July.	Departure from normal of period, 1st May to 31st July, 1911.	Heaviest rainfall during month.	Station.
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45		47	48	49	50	51	52	53	54	55	56	57
																																Extra India.
6				7	6	12			S 11° W		7·8*			62						6·3		7			3·66	6·79	− 3·13	18·05	19·67	− 1·62	1·04	Singapore.
	4	3	7	7	3		2	3	N 88° E†		10·3*			32								6			4·13	6·53	− 2·40	17·48	22·62	− 5·14	1·50	Penang.
						30	1		S 46° W	S 45° W	12·2*	16·3	−4·1	93	− 1	75	− 3	·724	−·143	6·2	+1	3			2·01	1·99	+ 0·02	9·06	5·66	+ 3·40	1·71	Trincomalee.
1			1			11	15	3	S 76° W	S 65° W	6·6*	9·3	−2·7	82	− 1	88	+ 9	·842	−·010	8·1	+1	9			2·79	5·05	− 2·26	18·48	23·37	− 4·89	0·66	Colombo.
						1	28	1	N 88° W	N 87° W	13·7	17·0	−3·3	97						6·5		11			9·65	8·00	+ 1·65	30·50	24·20	+ 6·30	2·05	Minicoy.
						17		14	S 85° W		18·3			71		82	−2	·853	−·053	6·8	−0	20			13·43	11·83	− 1·65	27·30	28·64	− 1·34	2·67	Amini Divi.
21			3	3					S 63° W		2·5			23		64		·281		4·9		5			2·26			3·35			0·67	Gyantse.
11			1	7	3	1	1		S 24° E		8·8‡			42		81		·268		5·7		12			2·96			8·45			0·39	Pharijong.
25		1	1	1	4	1			S 34° E		1·0			13		93		·591		7·7		28			22·96	24·90	− 1·94	64·37	64·97	− 0·60	2·55	Gangtok.
11	1			7	10	2			S 11° E		8·7			48						3·0		0			0·07			0·35			0·05	Gartok.
28								3	N 45° W	N 52° W	2·2	4·9	−2·7	1[illegible]	+ 3	54	+11	·499	+·088	1·9	−1·5	1			0·14	0·25	− 0·11	0·50	1·29	− 0·79	0·14	Yarkand.
														All	obser	vati	ons	rejected.														Kabul.
25	3	1	2						N 37° E		2·1			16		33		·321		0·5		0			0	0·07	− 0·07	2·40	1·79	+ 0·61	0	Meshed.
4	5	1	12	3			2	4	N 57° E	S 66° E	8·3	15·2	−6·9	40	−17	67	− 5	·852	−·177	2·9	+1·2	[illegible]			0	0·01	− 0·01	0	0·06	− 0·06	0	Jask.
5	1	4	12				5	4	N 47° E	N 72° E	5·9	4·6	+1·3	33	−13	63	−13	·954	−·077	4·8	+2·3	[illegible]			0	0·02	− 0·02	0	0·17	− 0·17	0	Muscat.
	1	1	1	1	1	1	11	13	N 65° W		6·2			63		53		·769		0·3					0	0	0	0	0·10	− 0·10	0	Bahrein.
3	3	4	1		2		8	10	N 48° W	N 37° W	9·2	8·5	+0·7	49	+ 5	73	+14	1·061	+·148	1·1	−0·8				0	0	0	0	0·02	− 0·02	0	Bushire.
				1	3	4	11	12	N 85° W		4·8			71		60		·844		0·3		0			0	0	0	0	0·46	− 0·46	0	Buerah.
	9	9	2	1	5	2	1	2	N 27° E		4·8			36		24		·217				0			0			0·35			0	Kerman.
23	2	3						3	N	N 49° W	2·3¶	3·6	−1·3	20	−12	48	− 1	·444	−·082	0·3	−0·5	0			0	0·03	− 0·03	0·05	0·29	− 0·24	0	Ispahan.
13			2	4	3	10	1		S 23° W	S 44° W	2·7	2·3	+0·4	42	+21					0·3	−0·7	0			0	0·22	− 0·22	0·83	0·75		0	Tehran.
3	6						1	21	N 37° W	N 11° W	9·7	4·6	+5·1	81	+10	37	− 5	·516	−·065	0·1	+0·1	0			0	0	0	0·21	0·23	+ 0·11	0	Baghdad.
2		1				27	1		S 47° W					84		67		·698		1·2		0			0			1·30		− 0·02	0	Beirut.
10	1	4		12	2	2			S 50° E	S 12° W	7·2	10·6	−3·4	43	− 9	73	+ 2	·916	+·038	3·4	−0·3	0			0	0·03	− 0·03	0	0·23	− 0·23	0	Aden.
2	4	2	3	3		3	10	4	N 63° W	S 86° W	11·9	15·3	−3·4	29	−18	71	+ 6	·932	+·046	3·6	0	1			0·37	0·09	+ 0·28	0·37	0·41	− 0·04	0·31	Perim.
					14	16	1		S 25° W	S 15° W	8·8	8·2	+0·6	90	0	83	− 2	·664	−·052	6·1	+0·1	3			1·53	2·78	− 1·25	21·28	15·99	+ 5·29	0·87	Zanzibar.

* Uncorrected for scale error.

† Two variable winds.
‡ Mean of 19 days.

Table C.—Abstract of observations taken at 8 hrs. at 41 fourth class stations in India, etc., in July, 1911.

Ta

Astract of observations taken at 8 hrs. at 41 fou

Number of subdivision.	Station.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range during month.	Wind direction. Number of winds from Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Resultant direction.
1	2	3	4	5	6	7	8	9	10	1	12	13	14	15	16	17	18	19	20	21	22	23	24	25
	II.—Eastern Bengal and Assam.																							
4	Bishnath	79·9	89·7	...	76·1	...	82·9	...	13·6	93·3	27th & 28th.	70·7	31st	22·6	...	...	...	...	...	...	...	...	...	...
	Borjuli	80·3	89·3	...	76·2	...	82·7	...	13·1	94·7	20th, 27th & 28th.	72·7	31st	22·0	...	...	...	...	...	...	...	...	...	...
	Chandkhira	79·7	89·4	...	74·1	...	81·7	...	15·3	94·3	26th	70·5	1st	23·8	...	...	...	...	...	...	...	...	...	...
	Doom Dooma	77·3	88·6	...	78·7	...	83·7	...	9·9	96·1	26th	73·2	1st	22·9	...	...	...	...	...	...	...	...	...	...
	Dikom	79·2	88·5	...	76·5	...	82·5	...	12·0	94·4	26th	73·2	1st	21·2	...	...	...	...	...	...	..	...	...	...
	Golaghat	81·0	81·5	...	77·4	...	79·5	...	4·1	85·7	10th	74·2	1st	11·5	...	...	...	...	...	...	...	...	...	...
	Hailakandi	...	...	...	...	...	...	...	...	...	Observations not received.				...	...	...	...	...	...	...	...	...	...
	Jorehat	82·0	89·2	...	76·5	...	82·9	...	12·[illegible]	92·9	6th & 30th	73·6	1st	19·3	...	...	...	...	...	...	...	...	...	...
	Messa	82·6	94·7	...	76·0	...	85·3	...	18·7	97·7	3rd	72·9	1st	24·8	...	...	...	...	...	...	...	...	...	...
	Panerihat	79·8	89·9	...	76·1	...	83·0	...	13·8	95·4	6th	69·7	24th	25·7	...	...	...	...	...	...	...	...	...	...
	Srimangal	80·9	88·8	...	76·4	...	82·6	...	12·4	92·7	6th	73·9	24th	18·8	...	...	...	...	...	...	...	...	..	...
5	Brahmanbaria	82·8	88·2	...	75·4	...	81·8	...	12·8	91·6	28th	69·9	1st	21·7	...	...	...	...	...	...	...	...	...	...
	Dam Dim	78·8	90·9	...	74·9	...	82·9	...	16·0	94·7	9th	72·5	6th	22·2	...	...	...	...	...	...	...	...	...	...
	Goalundo	84·0	89·6	...	77·5	...	83·5	...	12·1	95·0	1st	70·6	24th	24·4	...	...	...	...	...	...	...	...	...	...
	Kalchini	81·0	87·4	...	73·3	...	80·3	...	14·1	92·1	7th & 10th	70·4	24th	21·7	...	...	...	...	...	...	...	...	...	...
	Nagrakata	78·8	87·2	...	74·6	...	80·9	...	12·6	92·1	7th & 27th	70·0	27th	22·1	...	...	...	...	...	...	...	...	...	...
	Pabna	82·4	89·6	...	72·4	...	81·0	...	17·2	95·0	23rd	64·9	25th	30·1	...	...	...	...	...	...	...	...	...	...
	IV.—United Provinces of Agra and Oudh.																							
10	Ballia	86·7	96·9	...	82·2	...	89·6	...	14·7	102·8	24th	78·4	15th & 16th.	24·4	...	...	...	...	...	...	...	...	...	...
	XI.—Central Provinces.																							
24	Chhindwara	75·8	85·8	...	71·6	...	78·7	...	14·2	94·7	3rd	68·2	14th	26·5	...	1	...	...	...	1	4	15	10	N 81°
	XIV.—Madras.																							
33	Anantapur	79·3	93·0	...	74·3	...	83·6	...	18·7	97·5	3rd	71·3	27th	26·2	...	...	...	...	...	...	...	...	...	...
34	Guntur	81·9	94·3	...	78·3	...	86·3	...	16·0	102·6	2nd	73·6	15th	29·0	...	...	...	...	...	...	...	...	...	...
	Bay Islands.																							
1	Car Nicobar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kashmir.																							
14	Jammu	90·6	101·2	...	82·0	...	91·6	...	19·2	108·3	9th & 10th.	68·8	23rd	39·5	...	16	3	1	2	8	...	1	...	N 18°
	Kargil	67·7	84·0	...	58·1	...	71·0	...	25·9	96·7	30th	51·5	23rd	45·2	...	10	9	4	...	...	...	...	8	N 13°
	Hill Stations, exclusive of Kashmir.																							
	Panighatta	77·9	87·0	...	74·3	...	80·7	...	12·7	92·9	18th	72·2	1st	20·7	...	...	...	...	...	...	...	...	...	...
	Kurseong	67·9	73·3	...	65·1	...	69·2	...	8·2	77·3	6th	62·1	31st	15·2	...	...	...	...	...	...	...	...	...	...

C.

class stations in India, etc., in July, 1911.

Wind velocity.			Wind steadiness.		Hygrometry, 8 hrs.				Cloud.		Rainfall.										Station.
Mean velocity, miles per hour.	Normal.	Departure from normal.	Actual percentage.	Departure from normal.	Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs. in inches of mercury.	Departure from normal in inches of mercury.	Mean cloud amount at 8 hrs.	Departure from normal.	Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st May to 31st July, 1911.	Normal rainfall for period, 1st May to 31st July.	Departure from normal of period, 1st May to 31st July, 1911.	Heaviest rainfall during month.	
27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
																					II.—Eastern Bengal and Assam.
...	...	...	...	...	92	...	·943	...	...	...	22	...	...	25·19	17·27	+7·92	55·42	39·78	+15·64	3·00	Bishnath.
...	...	...	...	...	91	...	·947	...	...	...	21	...	...	31·37	17·59	+13·78	59·55	40·96	+18·59	3·83	Borjuli.
...	...	...	...	...	90	...	·911	...	...	...	22	...	...	18·23	18·57	−0·34	68·88	54·89	+13·99	2·25	Chandkhira.
...	...	...	...	...	96	...	·892	...	...	...	21	...	...	23·70	19·82	+3·88	54·98	46·05	+8·93	3·38	Doom Dooma.
...	...	...	...	...	93	...	·929	...	...	...	23	...	...	24·06	20·18	+3·88	51·88	47·10	+4·78	3·59	Dikom.
...	...	...	...	...	92	...	·966	...	...	...	19	...	...	13·42	12·79	+0·63	35·62	30·92	+4·70	2·03	Golaghat.
...	...	...	...	...	...	...	...	...	...	Observations not received					...	...	...	...	...	...	Hailakandi.
...	...	...	...	...	86	...	·937	...	...	...	18	...	...	17·84	13·60	+4·24	46·62	33·17	+13·45	3·08	Jorehat.
...	...	...	...	...	88	...	·978	...	...	...	23	...	...	20·83	21·21	−0·38	48·04	42·48	+5·56	3·85	Messa.
...	...	...	...	...	91	...	·926	...	...	...	20	...	...	37·57	14·62	+22·95	69·75	39·15	+30·60	12·47	Panerihat.
...	...	...	...	...	88	...	·922	...	...	...	21	...	...	16·86	15·39	+1·47	69·03	45·68	+23·35	3·64	Srimangal.
...	...	...	...	...	83	...	·928	...	...	...	17	...	...	11·58	12·87	−1·29	67·47	37·85	+29·62	2·53	Brahmanbaria.
...	...	...	...	...	95	...	·930	...	...	...	28	...	...	58·50	42·62	+15·88	100·61	84·11	+16·50	8·35	Dam Dim.
...	...	...	...	...	85	...	·982	...	...	...	15	...	...	12·45	11·72	+0·73	33·11	31·27	+1·84	2·51	Goalundo.
...	...	...	...	...	87	...	·937	...	...	...	26	...	...	65·59	39·23	+26·36	106·09	79·67	+26·42	9·03	Kalchini.
...	...	...	...	...	92	...	·899	...	...	...	25	...	...	51·49	42·73	+8·76	107·90	85·97	+21·93	5·90	Nagrakata.
...	...	...	...	...	90	...	1·002	...	...	...	18	...	...	13·95	13·77	+0·18	42·35	31·30	+11·05	2·26	Pabna.
																					IV.—United Provinces of Agra and Oudh.
...	...	...	...	...	72	...	·901	...	...	...	...	No	rain	gauge	...	...	...	...	...	...	Ballia.
																					XI.—Central Provinces.
5·0	...	...	81	...	79	...	·700	...	6·4	...	10	...	...	3·24	...	...	8·23	...	...	0·48	Chhindwara.
																					XIV.—Madras.
...	...	...	...	...	78	...	·781	...	8·3	...	4	...	...	0·63	...	...	5·84	...	...	0·21	Anantapur.
...	...	...	...	...	84	...	·909	...	8·4	...	9	...	...	8·18	...	...	14·25	...	...	3·02	Guntur.
																					Bay Islands.
...	...	...	...	...	...	...	...	...	...	...	9	...	...	7·05	8·27	−1·22	29·46	32·89	−3·43	1·80	Car Nicobar.
																					Kashmir.
...	...	...	29	...	56	...	·794	...	3·3	...	5	...	...	1·68	...	...	3·20	...	...	0·56	Jammu.
...	...	...	74	...	36	...	·243	...	4·5	...	0	...	...	0·06	...	...	0·69	...	...	0·03	Kargil.
																					Hill Stations, exclusive of Kashmir.
...	...	...	...	...	90	...	·855	...	...	...	25	...	...	42·47	35·30	+7·17	81·87	70·78	+11·09	7·15	Panighatta.
...	...	...	...	...	95	...	·644	...	...	...	28	...	...	59·04	43·74	+15·30	106·38	81·85	+24·53	8·96	Kurseong.

Ta

Abstract of observations taken at 8 hrs. at 41 fo

Number of subdivision.	Station.	Temperature of air.													Wind direction.									
		Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range during month.	Number of winds from: Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	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	24	25
	Hill Stations, exclusive of Kashmir—*concld.*																							
	Gnatong	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lachung	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Ringim	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Poo	...	78·0	...	58·0	...	68·0	...	20·0	83·2	9th	52·0	23rd	31·2	15	...	...	...	...	1	14	1	...	S 45°
	Kailang	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bakloh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Drosh	79·3	96·2	...	71·7	...	84·0	...	24·5	102·8	31st	63·1	4th	39·7	11	3	1	2	...	5	1	7	1	S 81°
	Pishin	...	93·8	...	61·1	...	77·4	...	32·7	100·4	30th & 31st.	50·6	25th	49·8	...	...	...	...	...	...	...	...	...	...
	Kalat	75·3	91·2	−1·9	53·9	+0·8	72·6	−0·5	37·3	99·0	31st	47·9	9th	51·1	...	8	...	1	...	21	...	1	...	S
	Extra India.																							
	Ahwaz	...	111·6	...	87·2	...	99·4	...	24·4	117·6	3rd	82·4	15th	35·2	...	...	...	...	...	...	...	...	...	...
	Birjand	...	...	...	...	...	...	...	...	...	Observatio	ns not	received	...	...	...	...	...	...	...	...	...	...	...
	Chumbi	57·5	65·9	...	52·6	...	59·3	...	13·3	71·2	8th	45·9	27th	25·3	...	...	...	...	...	...	...	...	...	...
	Kirmanshah	81·3	95·5	...	60·2	...	77·9	...	35·3	103·0	30th & 31st.	54·0	26th	49·0	...	...	...	...	...	...	...	...	...	...
	Koweit	...	105·2	...	84·6	...	94·9	...	20·6	112·4	1st & 8th	79·2	8th & 10th	33·2	3	1	...	1	1	1	6	5	13	N 77°
	Maidan	...	114·3	...	86·5	...	100·4	...	27·8	120·2	31st	80·7	27th	39·5	...	...	...	...	...	...	...	...	...	...
	Muhammerah	...	102·9	...	83·4	...	93·1	...	19·5	109·0	1st	77·2	26th	31·8	...	9	...	...	2	3	...	...	9	N 24°
	Pemba	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Prison Island	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

C—*concluded.*

class stations in India, etc., in July, 1911—concluded.

Wind velocity.			Wind steadiness.		Hygrometry, 8 hrs.				Cloud.		Rainfall.									Heaviest rainfall during month.	Station.
Mean velocity, miles per hour.	Normal.	Departure from normal.	Actual percentage.	Departure from normal.	Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs. in inches of mercury.	Departure from normal in inches of mercury.	Mean cloud amount at 8 hrs.	Departure from normal.	Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st May to 31st July, 1911.	Normal rainfall for period, 1st May to 31st July.	Departure from normal of period, 1st May to 31st July, 1911.		
27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
																					Hill Stations, exclusive of Kashmir—*concld.*
...	...	...	...	...	...	...	...	...	...	...	31	...	...	46·43	...	...	91·46	...	...	3·01	Gnatong.
...	...	...	...	...	...	...	...	...	...	...	24	...	...	9·52	...	...	25·68	...	...	0·73	Lachung.
...	...	...	...	...	...	...	...	...	...	...	29	...	...	26·63	...	...	74·41	...	...	3·63	Ringim.
...	...	...	48	...	...	...	...	...	4·2	...	1	...	...	0·16	0·74	—0·58	0·75	2·04	—1·29	0·12	Poo.
...	...	...	...	...	...	...	...	...	...	...	0	...	...	0·25	1·39	—1·14	2·11	5·11	—3·00	0·08	Kailang.
...	...	...	...	...	...	...	...	...	...	...	9	...	...	6·60	...	...	11·73*	...	...	2·42	Bakloh.
...	...	...	19	...	37	...	·365	...	2·6	...	0	...	...	0·10	0·57	—0·47	2·29	3·58	—1·29	0·06	Drosh.
...	...	...	...	...	...	...	...	...	0·9	...	0	...	...	0	0·07	—0·07	0·02	0·30	—0·28	0	Pishin.
...	...	...	42	...	45	...	·392	...	...	...	0	1·00	—1·00	0	0·62	—0·62	0·15	1·34	—1·19	0	Kalat.
																					Extra India.
...	...	...	...	...	...	...	...	...	0·7	...	0	...	...	0	...	...	0·03	...	...	0	Ahwaz.
...	...	...	...	...	...	...	...	...	...	...	Observations not received					...	...	...	...	...	Birjand.
7·1	...	...	...	...	86	...	·407	...	5·7	...	18	...	...	5·35	...	...	17·57	...	...	0·49	Chumbi.
...	...	...	...	...	35	...	·376	...	...	...	0	...	...	0	...	...	0·81	...	...	0	Kirmanshah.
...	...	...	55	...	...	...	...	...	0·4	...	0	...	...	0	...	...	0·05	...	...	0	Koweit.
...	...	...	...	...	...	...	...	...	...	...	0	...	...	0	...	...	0·15	...	...	0	Maidan.
...	...	...	39	...	...	...	...	...	...	...	0	...	...	0	...	...	0·10	...	...	0	Muhammerah.†
...	...	...	...	...	...	...	...	...	...	...	9	...	...	5·54	3·69	+1·85	32·68	27·22	+5·46	2·27	Pemba.
...	...	...	...	...	...	...	...	...	...	...	No rainfall observations				...	...	...	...	...	...	Prison Island

* Total rainfall since 1st June, 1911.

† Wind variable 8.

Table A.—Abstract of observations taken at 10 hrs. and 16 hrs. at 34 stations in India, etc., in August, 1911.

Tab

Abstract of observations taken at 10 hrs. and 16 hrs. at 34 statio

Number of subdivision.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure. Mean of 10 hrs.	Mean of 16 hrs.	Mean daily range.	Mean of daily mean pressures.	Departure from normal.	Mean reduced to sea-level and gravity, 45° Lat.	Temperature of air. Mean maximum.	Mean minimum.	Mean daily range.	Highest maximum.	Lowest minimum.	Absolute range.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	Temperature, wet-bulb. Mean minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of three pre-
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	2
	Hill Stations excluding Kashmir and Baluchistan.																					
	Simla . . .	7,232	23·022	22·978	·044	22·998	+·001	22·960	67·9	60·2	7·7	73·6	52·8	20·8	63·7	66·3	63·6	+0·8	57·8	60·8	62·6	6
	Sarain . . .		·046	·999	·047	23·020		·982	71·6‡	58·9‡	12·7	75·4	53·0	22·4	66·9‡	68·1‡	64·7‡			61·5	62·4	
	Kalabagh . .		20·095	20·060	·035	20·074		20·037	55·1	46·9	8·2	60·4	40·5	19·9	51·5	52·7	50·5			50·3	51·3	
	Chakrata . .	7,022	23·176	23·127	·049	23·147	—·014	23·108	70·	60·1	10·1	75·7	53·5	22·2	65·8	65·9	64·7	+1·0	59·0	63·9	64·1	6
	Mukteswar . .	7,592	22·744	22·687	·057	22·713		22·671	69·2	56·7	12·5	74·5	54·5	20·0	62·7	65·4	62·5		55·8	61·4	63·2	6
	Katmandu . .	4,388	25·553	25·450	·103	25·499	+·062¶	25·453	83·1	68·4	14·7	87·0	65·1	21·9	77·1	79·1	75·2	+0·7¶	66·4	71·5	72·7	7
	Darjiling . .	7,376	22·911	22·840	·071	22·873	—·061	22·828	66·6	57·9	8·7	71·1	56·0	15·1	63·2	62·9	61·7	+0·8	57·8	62·2	62·0	6
	Pachmarhi . .	3,528	26·268	26·207	·061	26·235	—·009	26·182	75·7	66·3	9·4	85·4	64·1	21·3	68·9	72·1	70·5	+0·1	64·9	67·4	69·1	6
	Mount Abu . .	3,945	25·885§	25·826§	·059	25·853	0	25·803§	74·8	63·7	11·1	79·7	61·6	18·1	67·8	73·6	68·8	+1·2	62·3	65·2	66·9	6
	Chikalda . .	3,642	26·190	26·116	·074	26·151	+·002	26·095	71·9	64·6	7·3	77·7	62·2	15·5	67·7	70·5	67·7	—0·7	64·1	66·7	68·8	6
	Ootacamund .	*7,397*	23·034	22·974	·060	23·003		22·939	62·9	49·5	13·4	68·8	44·2	24·6	58·7	58·4	55·7		46·9	53·1	54·5	5
	Kodaikanal . .	7,688	22·811	·756	·055	22·784		·718	64·6	50·9	13·7	68·4	57·4	11·0	60·4	59·4	57·8		45·8	52·9	55·0	5
	Dodabetta . .	8,539?	·035	21·977	·058	·005		21·942	57·1	45·4	11·7	64·6	41·0	23·6	52·8	52·9	50·8		41·4	49·2	50·6	4
	Extra Indi.																					
	Minicoy . .	7	29·952	29·908	·044	29·937																
	Zanzibar . .	72	30·097	30·000	·097	30·056	+·002	30·055	80·1	71·7	8·4	82·6	70·5	12·1	75·9	78·9	76·2	—0·9	67·6†	71·4	70·8	6
	Diego Garcia .									Observations not received.												
	Seychelles . .	15	30·020	29·933	·087	29·980	+·007¶	29·918	80·4	75·7	4·7	82·0	73·1	8·9	78·1	79·3	76·5	—0·1¶	68·9	72·8	73·3	7
	Mauritius . .	181								Observations not received.												

N.B.—Elevations in italics indicate barometric determinations.

NOTE.—The barometric readings are not reduced to sea-level, in the cases of hill or plateau stations, the elevations of which exceed 3,200 feet.

† Mean of 30 days.
‡ " " 28 "
§ " " 26 "

¶ Departure from old normal.

—concluded.

n India, etc., in August, 1911—concluded.

Vapour tension in inches of mercury.					Humidity.					Cloud.				Wind direction.											Wind steadiness.		Wind velocity.		Rainfall.		Station.	Number of subdivisions.
														Total number of 10 hrs. and 16 hrs. winds from																		
From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	Mean 10 hrs.	Mean 16 hrs.	Mean of two previous columns.	Departure from normal.	Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Mean wind direction.	Normal mean wind direction of month.	Average percentage.	Normal percentage.	Mean velocity in miles per diem.	Normal.	Total rainfall for the month.	Heaviest rainfall during the month.		
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	54	55	56
																															Hill Stations excluding Kashmir and Baluchistan.	
·452	·504	·529	·496	—·030	87	85	82	86	— 5	8·7	8·4	8·5	—0·4																14·51	2·12	Simla.	
	·491‡	·503‡				75‡	74‡			8·4	7·5	7·9		30	1	2	1	1	10	16	1		S 26° W		35		11		14·79	3·26	Sarain.	
	·357	·36[illegible]				93	92			9·5	9·1	9·3		9	5			3	2		3	40	N 45°W		66		318		18·20	4·06	Kalabagh.	
·489	·574	·579	·548	+·006	94	90	91	93	+ 1	9·0	8·9	8·9	+0·3	17	3			21	21				S 21° E	S 66° W	58	42	38	130	14·27	4·47	Chakrata.	
·435	·530	·556	·507		94	93	89	93		9·3	8·5	8·9		35			2	2	1	2	20		S 78° W		29		169		12·03	2·23	Mukteswar.	
·624	·707	·728	·686	+·004	90	76	73	81	— 1	7·3	8·2	7·7	+0·6	24			22				16		E	N 66° W	10	2	12*	18	20·20	2·33	Katmandu.	
·476	·550	·544	·523	+·012	99	95	95	97	+ 1	9·8	9·7	9·7	+0·8	50		3	1	7				1	S 75° E	S 84° E	13	28	12	89	27·29	4·95	Darjiling.	
·596	·657	·677	·649	—·019	93	93	87	92	+ 1	7·9	8·4	8·1	—1·0		1					17	34	10	S 85° W	N 84° W	85	73	319	223	20·69	5·64	Pachmarhi.	
·544	·595	·581	·579	—·037	92	89	71	85	— 6	9·3	7·5	8·4	0						16	38	7	1	S 40° W	S 57° W	88	75	323	269	2·74	0·90	Mount Abu.	
·591	·642	·676	·642	—·009	97	95	91	95	0	9·5	9·1	9·3	+0·4	1						1		60	N 46° W	N 36° W	97	74	225	274	14·75	3·89	Chikalda.	
·294	·346	·385	·336		83	70	79	77		7·4	8·4	7·9		2		1				3	39	17	N 79° W		85		170		0·96	0·20	Ootacamund.	
·264	·330	·389	·328		70	63	78	70		4·6	8·0	6·3			3	2		2	1		18	36	N 56° W		79		344*		2·08	0·55	Kodaikanal.	
·221	·312	·346	·293		72	79	87	79		7·8	8·6	8·2			1				1	3	36	21	N 76° W		55		417		0·88	0·21	Dodabetta.	
																															Extra India.	
										3·8	4·4	4·1									51	11	N 82° W		95		194		2·37	1·40	Minicoy.	
·622†	·710	·643	·680	—·037	80†	79	65	76	— 2	5·1	6·2	5·7	+0·			1	1	15	30	13	1	1	S 2° E	S 9° E	77	77	154	166	1·76	1·02	Zanzibar.	
													Observations not received.																		Diego Garcia.	
·619	·735	·741	·706	—·041	70	76	74	74	— 4	5·2	4·9	5·1	—1·3 ¶				1	44	12	3		2	S 33° E	S 35° E	84	89	324*	316	0·70	0·27	Seychelles.	
													Observations not received.																		Mauritius.	

* Uncorrected for scale error.

Table B.—Abstract of observations taken at 8 hrs. at 240 stations in India, etc., in August, 1911.

(1) Provincial means.

(2) Data of stations.

(1) Provincial means based on the material in Table B (2) except that the statement of rainfall depends on the complete data of about 2,000 stations.

	Pressure departure from normal.	Temperature of air.								Wind.		Hygrometry.				Cloud.		Rainfall.		
		Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Absolute range during month.	Departure of velocity from normal.	Departure of steadiness from normal.	Mean humidity.	Departure from normal.	Mean vapour tension.	Departure from normal.	Mean cloud amount.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.
rma	—·019	86·0	—0·8	75·0	—0·3	80·5	—0·5	10·9	19·0	+0·4	+ 1	90	0	·866	—·008	8·5	+0·4	18·64	16·37	+2·27
stern Bengal and Assam	—·034	87·6	+0·1	78·1	+0·3	82·9	+0·2	9·5	16·6	—1·0	+ 3	90	— 1	·955	+·001	7·2	—0·8	15·68	15·84	—0·16
ngal	—·041	88·1	—0·2	77·9	0	83·0	—0·1	10·2	17·7	+0·1	+ 4	88	— 1	·935	—·012	7·7	+0·1	13·68	12·14	+1·54
ited Provinces of Agra and Oudh	—·028	92·6	+2·9	78·7	+0·9	85·6	+1·9	13·8	28·0	+0·3	+ 7	79	— 7	·876	—·039	6·9	—0·2	9·09	11·52	—2·43
njab	—·036	102·1	+5·6	82·7	+3·7	92·4	+4·7	19·4	36·6	+1·1	+11	61	—15	·776	—·106	2·9	—1·5	2·96	5·63	—2·67
rth-West Frontier Province	—·074	105·1	+5·0	81·7	+2·3	93·5	+3·7	23·4	35·8	—0·5	+ 2	65	— 7	·844	—·059	1·3	—1·4	2·27	3·29	—1·02
d	—·023	95·6	+1·0	79·2	+0·1	87·4	+0·6	16·4	22·9	—1·0	— 6	72	— 4	·806	—·061	4·0	—1·0	0·15	2·21	—2·06
jputana	—·002	95·9	+4·9	79·0	+2·1	87·4	+3·5	16·9	30·1	+2·9	+ 1	65	—11	·709	—·084	5·5	—1·4	2·41	6·24	—3·83
mbay	+·008	85·6	—0·5	74·0	—0·4	79·8	—0·5	11·6	18·7	0	+ 5	83	— 1	·790	—·017	7·8	+0·1	8·68	9·96	—1·28
ntral India	—·004	87·7	+2·3	74·8	+0·7	81·3	+1·5	12·9	25·9	+2·2	+15	81	— 7	·794	—·029	8·9	+1·1	8·49	11·19	—2·70
ntral Provinces	+·001	83·6	—1·3	72·6	—0·5	78·1	—0·9	11·0	20·9	+1·2	+ 6	85	— 3	·751	—·044	8·6	+0·5	10·84	10·19	+0·65
derabad	+·008	84·5	—2·0	70·9	—0·7	77·7	—1·3	13·6	22·5	—1·1	+ 6	81	0	·686	—·042	7·8	—0·1	5·90	7·10	—1·20
ysore	+·018	80·5	—1·1	65·2	—1·0	72·8	—1·0	15·3	22·3	+1·5	+ 7	84	+ 1	·618	—·012	7·9	—0·5	2·98	5·42	—2·44
dras	+·009	91·9	+1·0	76·3	+0·2	84·1	+0·6	15·6	23·6	+0·5	+ 5	74	— 3	·770	—·035	6·5	—0·4	3·59	6·01	—2·42

Ta

(2) *Abstract of observations taken at 8 hrs. at 240 stat*

Number of subdivision.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	I.—Burma.																					
2	Victoria Point	97	29·755		29·781	29·811	2nd	29·686	5th	·125	79·0	84·6		75·0		79·8		9·6	87·7	31st	71·2	2nd
	Mergui	65	29·799	—·018	29·795	29·853	30th	29·727	14th	·126	77·8	84·6	+0·4	72·9	+0·3	78·7	+0·3	11·7	88·9	7th & 29th	70·9	16th
	Tavoy	19	29·850	—·014	29·801	29·911	29th & 30th.	29·775	14th	·136	76·8	82·5	—0·3	74·7	+0·9	78·6	+0·3	7·8	87·5	29th	72·8	20th, 26th & 27th.
	Moulmein	94	29·738	0	29·770	29·830	29th	29·652	11th	·178	76·1	81·6	—1·4	74·0	—0·1	77·8	—0·7	7·6	86·5	2nd & 29th	72·3	11th, 13th & 27th.
	Rangoon	18	29·797	—·008	29·753	29·898	29th	29·704	14th	·194	77·9	84·3	—0·8	75·4	—0·3	79·8	—0·5	8·9	88·1	13th	73·4	19th
	Bassein	27?	29·771	—·003	29·735	29·861	30th	29·624	14th	·177	78·8	84·3	—0·2	75·6	—0·1	79·9	—0·1	8·7	88·7	5th	70·9	22nd
	Diamond Island	41	29·746	—·026	29·722	29·836	29th	29·652	14th	·184	80·5	84·1	—0·2	73·2	—2·4	78·7	—1·	10·9	85·9	5th	69·7	3rd
	Toungoo	164	29·623	—·012	29·730	29·740	29th	29·533	14th	·207	77·8	85·2	—1·5	74·6	—0·4	79·9	—0·9	10·6	91·0	2nd	70·9	3rd
	Kyaukpyu	18	29·705		29·663	29·813	29th	29·608	14th & 15th.	·205	78·5	84·7		75·2		80·0		9·5	88·0	12th & 26th	73·4	21st & 22nd.
	Akyab	20	29·690	—·036	29·657	29·810	29th	29·597	14th	·213	79·0	84·5	+0·1	76·7	—0·6	80·6	—0·3	7·8	88·4	28th	74·0	22nd & 23rd.
3	Thayetmyo	121	29·626	—·026	29·689	29·750	29th	29·528	15th	·222	80·0	87·8	—1·1	76·5	+0·4	82·1	—0·3	11·3	91·9	2nd	71·9	21st
—	Minbu	*165*	29·554	—·028	29·662	29·678	29th	29·474	14th	·204	80·3	88·8	—1·8	76·5	—0·5	82·6	—1·1	12·3	92·8	8th & 26th	75·5	4 days
—	Yamethin	657	29·075	—·033	29·682	29·194	29th	28·999	15th	·195	77·1	87·4	—2·4	74·3	0	80·9	—1·2	13·1	93·3	25th	71·0	20th
	Mandalay	250	29·471	—·024	29·668	29·619	29th	29·376	9th	·243	81·4	94·1	+0·8	77·6	0	85·8	+0·4	16·5	98·5	3rd	74·1	30th
	Monywa	*280*	29·457		29·664	29·530	29th	29·348	8th	·232	81·0	93·8		79·5		86·6		14·3	97·3	20th	75·1	30th
	Lashio	*2,820*	26·971	—·018	29·665	27·124	29th	26·893	5th	·231	72·5	81·7	—1·4	69·5	+0·4	75·6	—0·5	12·2	87·8	26th	67·0	25th & 29th.
	Bhamo	*381*	29·327	—·018	29·662	29·499	29th	29·231	8th	·268	77·7	87·0	—1·1	74·3	—1·1	80·6	—1·1	12·7	94·9	26th	66·1	28th
	Myitkyina	458	29·225		29·641	29·386	29th	29·122	8th	·264	77·3	86·2		74·6		80·4		11·6	95·7	27th	71·0	24th
	II.—Eastern Bengal and Assam.																					
4	Dibrugarh	353	29·311		29·624	29·461	25th	29·184	8th	·277	78·8	85·8		76·6		81·2		9·2	91·4	29th	75·1	17th & 24th.
	Sibsagar	333	29·358	—·025	29·648	29·536	29th	29·236	8th	·300	80·2	87·4	—1·8	77·5	—0·2	82·4	—1·0	9·9	91·6	29th	75·0	24nd & 24th.
	Tezpur	252	29·417		29·627	29·608	29th	29·286	8th	·322	79·7	89·4		77·9		83·6		11·5	93·1	5th & 26th	74·9	29th
	Gauhati	195	29·466		29·615	29·655	29th	29·359	8th	·296	81·7	89·7		77·4		83·5		12·3	92·8	4 days	73·6	6th
	Dhubri	115	29·529	—·034	29·597	29·713	25th	29·399	8th	·314	81·7	85·5	—0·5	78·8	+0·5	82·2	0	6·7	88·5	6th & 27th	77·1	5 days
	Silchar	104	29·574	—·044	29·630	29·756	25th	29·479	9th & 21st	·277	79·9	89·5	0	76·7	—0·1	83·1	—0·1	12·8	93·3	28th	71·3	28th
5	Cox's Bazar	36	29·642†		29·623†	29·779	25th	29·534	5th	·245	79·5	84·8		76·2		80·5		8·6	87·2	26th, 27th & 29th.	74·7	20th & 23rd.
	Chittagong	87	29·593	—·034	29·626	29·752	25th	29·481	9th	·271	80·5	85·9	+0·4	76·5	+0·4	81·2	+0·4	9·4	89·0	5th, 26th & 28th.	75·0	4 days
	Noakhali	43	29·618		29·608	29·798	25th	29·514	9th	·282	80·5	85·4		77·9		81·7		7·5	90·3	27th	75·9	24th
	Barisal	12	29·626	—·026	29·585	29·801	25th	29·518	9th	·283	81·0	86·9	+0·1	78·1	—0·1	82·5	0	8·8	91·3	27th	75·6	21st
	Comilla	36	29·613		29·597	29·797	25th	29·519	9th & 10th.	·278	79·7	88·0		77·8		82·9		10·2	93·3	28th	75·3	24th & 25th.
	Narayanganj	26	29·611	—·036	29·586	29·802	25th	29·502	9th	·300	82·6	88·1	+0·6	79·2	+0·2	83·7	+0·4	8·9	93·5	28th	76·3	24th
	Faridpur	46	29·581		29·577	29·778	25th	29·454	10th	·324	82·1	87·9		79·1		83·5		8·8	90·3	8th, 27th & 28th.	76·9	22nd & 23rd.
	Sirajganj	49	29·575		29·575	29·780	25th	29·443	10th	·337	81·5	85·6		79·2		82·4		6·4	95·9	9th	76·3	23rd
	Mymensingh	63	29·592	—·026	29·607	29·781	25th	29·480	9th	·301	82·0	88·0	+1·1	78·6	+0·5	83·3	+0·8	9·4	92·6	27th	76·1	28th, 30th & 31st.
	Bogra	75	29·556	—·035	29·582	29·760	25th	29·419	10th	·341	81·9	87·9	—0·4	78·9	+0·5	83·4	+0·1	9·0	93·2	27th	75·7	25th
	Rampur Boalia	70	29·542		29·561	29·757	25th	29·378	10th	·379	82·8	88·4		79·6		84·0		8·8	92·1	27th	75·1	30th
	Malda	72	29·522		29·545	29·742	25th	29·361	10th	·381	82·3	88·1		79·0		83·6		9·1	91·8	28th	76·5	8th & 9th
	Dinajpur	123	29·483	—·045	29·560	29·691	25th	29·338	10th	·353	82·0	88·9	+0·1	79·0	+0·4	83·9	+0·3	9·9	94·2	27th	76·5	1st & 12th
	Rangpur	123	29·522‡		29·599‡	29·718	25th	29·388	10th	·330	82·6	88·7		78·8		83·7		9·9	92·6	26th	76·0	1st

N. B.—Elevations in italics indicate barometrical determinations.

† Mean of 30 days.

‡ " " 29 "

NOTE.—The barometric readings are not reduced to sea-level, in the cases of hill or

B.

in India, etc., in August, 1911.

Wind direction. Number of winds from Calm. (25)	N. (26)	N.E. (27)	E. (28)	S.E. (29)	S. (30)	S.W. (31)	W. (32)	N.W. (33)	Resultant direction. (34)	Normal direction. (35)	Wind velocity. Mean velocity, miles per hour. (36)	Normal. (37)	Departure from normal. (38)	Wind steadiness. Actual percentage. (39)	Departure from normal. (40)	Hygrometry, 8 hrs. Mean humidity at 8 hrs. (41)	Departure from normal. (42)	Mean vapour tension at 8 hrs. in inches of mercury. (43)	Departure from normal, in inches of mercury. (44)	Cloud. Mean amount at 8 hrs. (45)	Departure from normal. (46)	Rainfall. Number of rainy days. (47)	Normal number of rainy days. (48)	Departure from normal. (49)	Rainfall of month. (50)	Normal rainfall of month. (51)	Departure from normal. (52)	Total rainfall from 1st May to 31st Aug., 1911. (53)	Normal rainfall for period, 1st May to 31st August. (54)	Departure from normal of period, 1st May to 31st Aug., 1911. (55)	Heaviest rainfall during month. (56)	Station. (57)
																																I.—Burma.
4				4	6	9	6	2	S 38° W		6·3*			59		88		·870		7·6		18			18·00			93·63			3·61	Victoria Po
18			1			11		1	S 47° W	N 87° W	7·6	1·7	+5·9	33	−27	93	+ 1	·872	+·078	7·9	+0·3	26	25·00	+1·00	24·57	29·33	− 4·86	111·71	107·91	+ 3·80	3·75	Mergui.
31									(a)	S 62° W	1·2*	1·6	−0·4			93	0	·860	−·005	8·6	+0·2	28	27·40	+0·60	48·17	46·14	+ 2·03	170·47	162·37	+ 8·10	6·08	Tavoy.
2			4	2	16	4	2	1	S	S 4° W	5·2	3·8	+1·4	62	+ 7	95	+ 1	·854	−·016	9·6	+1·6	30	27·10	+2·90	46·99	42·83	+ 4·13	161·01	144·78	+16·23	4·85	Moulmein
11				5	10	5			S	S 57° W	[illegible]	4·4	−0·5	55	− 6	91	− 3	·872	−·039	9·5	+0·3	26	23·90	+2·10	22·12	19·67	+ 2·45	76·63	70·40	+ 6·20	3·91	Rangoon.
3	1			4	9	13		1	S 20° W	S 15° W	5·0	4·2	+0·8	69	+12	93	− 1	·919	+·004	9·3	+0·7	29	25·40	+3·60	20·36	22·93	− 2·57	66·34	80·96	−14·62	3·00	Bassein.
2				1	2	22	4		S 46° W	S 46° W	13·5	8·9	+4·6	86	+11	86	0	·898	+·008	8·2	−0·4	23	22·10	+0·90	23·70	23·21	+ 0·49	89·87	83·68	+ 6·19	2·74	Diamond Island.
2			2	11	12	3			S 20° E	S 34° E	3·5	4·2	−0·6	79	+ 4	92	0	·833	−·013	7·4	−1·9	23	21·30	−1·30	19·39	18·86	+ 0·53	60·06	57·79	+ 2·27	2·55	Toungoo.
3			1	21	2	4			S 33° E		5·0*			79		91		·892		8·3		30			47·19			136·78			3·90	Kyaukpyu
8	1		3	5	6	7	1		S 3° E	S 39° E	4·5	3·4	+1·2	43	−11	95	+ 1	·929	−·020	9·0	0	30	26·60	+3·40	67·03	43·21	+23·82	166·58	152·66	+13·92	15·90	Akyab.
				4	21	6			S 3° W	S 10° E	6·9*	6·4	+0·5	92	+10	88	+ 3	·899	+·026	9·5	+0·8	18	13·20	+4·80	6·21	6·25	− 0·04	21·50	24·10	− 2·60	0·83	Thayetmyo
1				27	3				S 40° E	S 39° E	6·8	12·2	−5·4	96	+ 4	81	− 1	·862	−·010	7·6	+1·4	13	8·60	+4·40	6·32	5·12	+ 1·20	19·37	19·86	− 0·49	1·36	Minbu.
3				14	14				S 23° E	S 28° E	5·3	8·3	−3·0	86	− 2	88	+ 1	·816	−·029	8·4	+3·4	11	11·50	−0·50	4·61	5·69	− 1·18	15·53	20·98	− 5·45	1·07	Yamethin.
1				18	10	2			S 25° E	S 1° W	8·9	8·9	+0·9	89	+ 9	76	− 3	·795	−·053	5·2	−2·4	7	7·00	0	3·66	4·11	− 0·45	24·72	18·40	+ 6·32	1·55	Mandalay.
1	1		8	18	2	1			S 54° E		5·5			79		84		·893		9·4		4	7·70	−3·70	5·01	3·21	+ 1·80	20·31	15·48	+ 4·83	2·95	Monywa.
14					3	14			S 38° W		1·3*			52		88	− 3	·706	−·036	8·8	−0·2	16			10·96	13·47	− 2·51	44·30	42·87	+ 1·43	3·15	Lashio.
31									(a)	N 89° W	1·1	1·6	−0·5			95	+ 3	·904	+·006	9·5	+1·3	22	19·60	+2·40	14·67	15·44	− 0·77	56·31	52·93	+ 3·38	1·79	Bhamo.
27				3	1				S 34° E		1·0			13		92		·860		8·4		23			16·50	15·27	+ 1·23	62·09	53·95	+ 8·14	2·64	Myitkyina.
																																II.—Eastern Bengal and Assam.
28			2					1	N 60° E		0·9			3		95		·917		6·8		24	18·40	+5·60	15·14	19·65	− 4·51	72·92	68·07	+ 4·85	2·74	Dibrugarh.
15		5		1	4	6			S	S 1° W	2·0	2·7	−0·5	17	+ 1	90	− 4	·928	−·036	7·5	−1·6	17	17·70	−0·70	13·30	16·95	− 3·65	54·50	59·56	− 5·06	2·73	Sibsagar.
19		4	2	2		3		1	E		2·2			11		92		·921		7·5		19	15·50	+3·50	16·90	15·33	+ 1·57	69·05	47·60	+21·45	2·78	Tezpur.
26	1	2	2						N 55° E		2·2			10		87		·910		7·5		14	13·30	+0·70	13·36	9·45	+ 3·91	45·93	43·73	+ 2·20	4·10	Gauhati.
2		14	9	4		2			N 74° E	S 69° E	6·1	4·4	+1·7	69	+37	89	− 2	·969	+·028	6·6	−1·9	13	14·50	−1·50	6·18	13·07	− 6·89	57·19	68·70	−11·51	1·20	Dhubri.
13		7	10					1	N 69° E	S 87° E	2·2	2·5	−0·3	49	+47	93	+ 2	·917	+·010	7·3	−2·0	27	21·50	+5·50	21·60	20·37	+ 1·23	81·06	76·98	+ 4·08	3·48	Silchar.
			4	17	9	1			S 34° E		7·5			84		93		·936		7·5		28			29·68			118·62			3·78	Cox's Bazar
4			5	20	2				S 50° E	S 41° E	3·4	6·3	−2·9	79	+ 7	87	− 2	·894	−·018	7·3	−0·9	20	17·94	+2·06	37·98	17·97	+20·01	98·71	69·01	+29·70	8·39	Chittagong.
1			4	20	3	3			S 40° E		7·6			78		90		·935		6·2		26	22·58	+3·42	24·02	27·39	− 3·37	100·40	84·30	+16·10	2·75	Noakhali.
8		1	1	3	6	2			S 16° E	S 17° E	1·2	3·6	−2·4	30	− 6	90	+ 1	·945	−·020	8·5	−0·1	26	18·74	+7·26	14·37	13·55	+ 0·82	65·65	53·05	+12·60	2·76	Barisal.
2				26	3				S 41° E		5·6			87		89		·940		5·0		17	17·14	−0·14	14·70	15·96	− 1·26	68·27	59·55	+ 8·72	2·28	Comilla.
2			7	14	7	1			S 43° E	S 32° E	6·7	7·1	−0·4	72	+ 4	88	− 2	·971	−·001	8·7	0	23	17·83	+5·17	18·62	12·17	+ 6·45	75·53	46·19	+29·34	3·57	Narayanganj
	1			16	13		1		S 23° E		4·3			81		89		·984		8·2		18	16·22	+1·78	11·92	11·78	+ 0·14	59·58	46·26	+13·32	2·87	Faridpur.
2		3	7	9	9			1	S 49° E		4·7*			61		91		·974		8·2		16	13·87	+2·13	10·33	11·14	− 0·81	57·98	43·15	+14·83	2·47	Sirajganj.
3			9	9					S 67° E	S 56° E	1·7	3·6	−1·9	53	−15	88	− 3	·981	+·006	8·8	+0·8	20	18·90	+1·10	15·57	15·24	+ 0·33	72·63	63·69	+ 8·94	3·30	Mymensingh.
0			14	2	3	1	1		S 69° E	S 55° E	1·7	3·6	−1·9	49	−22	89	0	·937	+·019	7·9	+0·7	19	15·90	+3·10	15·59	12·26	+ 3·33	60·12	46·63	+13·46	2·19	Bogra.
1				3	3	1			S 9° E		3·1			19		88		·994		7·1		21	14·68	+6·32	10·72	9·74	+ 0·98	36·74	36·25	+ 0·49	1·60	Rampur Boalia.
1	1	2	9	10	4		1	1	S 89° E		5·3*			54		91		1·004		5·0		18	14·48	+3·52	10·08	10·74	− 0·66	43·29	35·04	+ 8·25	2·00	Malda.
		3	17	4	2		1		S 83° E	S 68° E	3·2	3·8	−0·5	69	+ 1	89	− 1	·977	+·014	6·5	−1·5	13	15·71	−2·71	5·28	13·33	− 8·05	50·12	49·42	+ 0·70	1·45	Dinajpur.
		4	6	5	1	1			S 81° E		2·0			39		87		·984		5·2		10	13·35	−3·35	14·27	13·32	+ 0·95	50·67	56·24	− 5·57	7·45	Rangpur.

(a) Indeterminate.

* Uncorrected for scale error.

tions, the elevations of which exceed 5,000 feet.

Tab

(2) *Abstract of observations taken at 8 hrs. at 240 stati*

Number of subdivision.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
	II.—Eastern Bengal and Assam—*concld.*																						
5	Jalpaiguri	283	29·354	—·035	29·592	29·547	25th	29·228	8th	·319	81·0	89·6	+1·5	77·8	+1·1	83·7	+1·3	11·8	94·4	26th	75·9	1st, 2nd & 12th.	1
	Cooch Behar	156	29·477		29·588	29·661	25th & 29th.	29·317	8th	·314	81·0	87·9		78·3		83·1		9·6	91·8	27th	75·1	1st	1
	III.—Bengal.																						
6	Saugor Island	25	29·568	—·053	29·538	29·755	25th	29·440	9th	·315	82·9	88·0	+0·8	80·1	+0·3	84·0	+0·5	7·9	91·0	5th	77·5	26th	1
	Midnapore	149	29·437†		29·532†	29·592	25th	29·329	9th	·263	82·0‡	89·81		77·9§		84·1§		11·9	93·3	28th	75·7	23rd & 25th	1
	Calcutta	21	29·578	—·046	29·546	29·782	25th	29·447	9th	·335	82·0	88·7	+1·6	79·1	+0·8	83·9	+1·2	9·6	92·4	4th & 28th	77·0	11th	1
	Jessore	33	29·585	—·040	29·565	29·783	25th	29·456	10th	·327	82·2	88·1	—0·5	78·7	0	83·4	—0·3	9·4	93·5	28th	76·7	11th & 14th.	1
	Krishnagar	47	29·561		29·556	29·766	25th	29·413	10th	·353	82·3	90·3		79·7		85·0		10·6	92·9	4th	77·5	23rd	1
	Burdwan	99	29·499	—·046	29·546	29·720	25th	29·360	9th	·360	82·0	90·0	+0·8	79·2	+0·1	84·6	+0·5	10·8	93·4	4th, 5th & 8th.	77·3	10th, 22nd & 23rd.	1
	Bankura	313	29·270		29·533	29·480	25th	29·148	9th	·332	81·7	89·0		78·0		83·5		11·0	93·1	3rd & 4th	75·7	21st	1
	Raniganj	334	29·260		29·546	29·478	25th	29·141	9th	·337	80·7	88·9		78·6		83·7		10·3	93·0	4th	76·0	23rd	1
	Berhampore	67	29·537	—·049	29·553	29·757	25th	29·370	10th	·387	81·6	88·6	0	79·0	+0·3	83·8	+0·1	9·6	92·1	28th	77·2	4 days	1
7	Balasore	56	29·545	—·038	29·540	29·731	25th	29·417	9th	·314	81·6	89·0	+1·1	77·9	—0·1	83·4	+0·5	11·1	93·4	4th	75·6	10th & 11th	1
	False Point	21	29·591	—·043	29·555	29·732	25th	29·460	5th	·272	81·6	86·8	—0·2	77·7	—0·5	82·3	—0·3	9·1	90·2	25th	74·6	10th	1
	Cuttack	80	29·540	—·029	29·562	29·680	25th	29·400	5th	·280	80·4	87·8	—1·3	77·5	—0·8	82·7	—1·1	10·3	92·4	4th	74·2	15th	1
	Puri	24	29·603		29·566	29·728	25th	29·473	5th	·255	81·5	86·9		78·2		82·5		8·7	90·6	10th & 28th.	73·6	14th & 15th.	
	Angul	455	29·167		29·581	29·313	25th	29·048	5th	·265	80·1	85·8		76·1		80·9		9·7	92·1	3rd & 26th	73·0	14th	
	Sambalpur	486	29·141	—·029	29·577	29·298	25th	29·012	5th	·286	77·9	83·7	—3·5	76·1	—1·1	79·9	—2·3	7·6	92·1	28th	71·6	15th	
8	Chaibassa	*733*	28·851	—·036	29·530	29·047	25th	28·740	22nd	·307	79·9	88·5	—0·4	76·8	—0·4	82·7	—0·4	11·7	93·1	28th	74·8	9th, 22nd & 26th.	
	Ranchi	2,128	27·485	—·034	29·519	27·686	25th	27·384	9th	·302	75·6	82·8	—0·5	73·4	+0·8	78·1	+0·1	9·4	86·7	8th	71·4	11th & 23rd.	
	Purulia	*816*	28·775		29·537‖	28·932	26th	28·656	9th	·276	79·4	89·1		76·4		82·7		12·7	93·5	28th	75·1	7 days	
	Hazaribagh	2,007	27·617	—·024	29·538	27·832	25th	27·506	9th	·325	76·4	83·8	+0·1	73·5	+0·3	78·7	+0·2	10·3	87·6	4th, 6th & 27th.	71·5	11th & 23rd.	
	Daltonganj	*730*	28·865		29·551?	29·089	25th	28·748	9th	·341	79·7	86·4		77·0		81·7		9·4	96·1	1st	74·5	22nd	
9	Purnea ¶	134	29·475	—·041	29·563	29·709	25th	29·337	10th	·372	82·3	89·0	—0·2	79·3	+0·9	84·2	+0·3	9·7	92·1	6th & 27th	76·7	3rd	
	Bhagalpur	160	29·430		29·542	29·654	25th	29·313	10th	·341	82·5	89·0		78·5		83·7		10·5	92·2	8th, 27th & 28th.	72·8	31st	
	Monghyr	156	29·439		29·545	29·651	25th	29·320	10th	·331	82·7	88·5		78·2		83·4		10·3	91·2	4 days	75·9	9th & 11th	
	Darbhanga	165	29·430	—·044	29·548	29·661	25th	29·295	9th	·366	82·5	88·9	+0·4	79·9	—0·4	83·9	0	10·0	92·1	29th	76·7	1st, 9th & 17th.	
	Pusa	188	29·407		29·548	29·636	25th	29·272	9th	·364	82·5	89·3		78·0		83·7		11·3	92·5	6th	74·9	1st	
	Muzaffarpur	177	29·426		29·559	29·652	25th	29·287	9th	·365	82·6	88·7		78·1		83·4		10·6	92·2	9th	76·0	1st	
	Motihari	221	29·379		29·559	29·596	25th	29·242	8th	·354	81·6	89·1		78·9		84·0		10·2	92·1	29th	75·8	1st & 9th	
	Chapra	181	29·405‡		29·540‡	29·624	25th	29·267	21st	·357	81·4	89·2		78·1		83·7		11·1	100·8	1st	70·8	9th	
	Patna	183	29·403	—·047	29·540	29·630	25th	29·276	9th	·354	82·5	87·7	—1·4	78·6	—0·9	83·2	—1·1	9·1	92·0	27th	75·7	23rd	
	Arrah	190	29·390		29·532	29·615	25th	29·264	9th	·351	81·6	88·8		78·5		83·7		10·3	93·6	1st	74·3	18th	
	Buxar	239	29·341		29·535	29·561	25th	29·213	8th	·348	81·1	88·5		77·9		83·2		10·6	96·5	1st	75·1	1st & 21st.	
	Dehri	351	29·220		29·524	29·444	25th	29·092	9th	·352	81·6	88·4		78·9		83·7		9·5	94·3	1st & 3rd	77·0	4 days	
	Gaya	372	29·208	—·044	29·530	29·424	25th	29·060	9th	·364	81·7	89·2	—0·8	78·3	—0·1	83·7	—0·5	10·9	94·9	1st	75·7	18th	
	Naya Dumka	489	29·111	—·034	29·550	29·318	25th	28·980	10th	·338	81·4	88·6	+0·9	77·6	+0·5	83·1	+0·7	11·0	92·4	5th & 28th	72·5	12th	
	IV.—United Provinces of Agra and Oudh.																						
10	Gorakhpur	257	29·335	—·028	29·549	29·548	25th	29·190	9th	·358	80·9	87·4	—2·4	76·8	—2·0	82·1	—2·2	10·6	93·6	8th	73·8	1st	
	Benares	267	29·321	—·025	29·540	29·526	25th	29·166	9th	·360	81·6	89·2	—0·3	78·2	—0·6	83·7	—0·5	11·0	96·6	8th	73·1	24th	
	Allahabad	309	29·280	—·023	29·543	29·487	25th	29·128	9th	·359	81·9	92·1	+2·3	78·2	—0·4	85·1	+0·9	13·9	101·1	1st & 6th	74·0	24th	

N.B.—Elevations in italics indicate barometrical determinations.

NOTE.—The barometric readings are not reduced to sea-level, in the cases of hill or pl

B—*continued.*

in India, etc., in August, 1911—continued.

Wind direction. Number of winds from Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Resultant direction.	Normal direction.	Wind velocity. Mean velocity, miles per hour.	Normal.	Departure from normal.	Wind steadiness. Actual percentage.	Departure from normal.	Hygrometry, 8 hrs. Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs. in inches of mercury.	Departure from normal in inches of mercury.	Cloud. Mean cloud amount at 8 hrs.	Departure from normal.	Rainfall. Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st May to 31st August, 1911.	Normal rainfall for period, 1st May to 31st August.	Departure from normal of period, 1st May to 31st August, 1911.	Heaviest rainfall during month.	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	54	55	56	57
																																II.—Eastern Bengal and Assam—*concld.*
20		3	4	4					S 86° E	N 78° E	2·1			30	−27	90	− 2	·956	+ ·010	7·0	−1·3	16	18·38	− 2·38	12·92	25·74	−12·82	82·59	92·40	− 9·81	2·90	Jalpaiguri.
11		5	8	5	2				S 82° E		2·1			42		91		·968		8·1		18	16·72	+ 1·28	16·75	25·73	− 8·98	108·85	105·15	+ 3·70	3·77	Cooch Behar
																																III.—Bengal.
1	2	3	3	2	8	11	1		S 10° W	S 10° W	15·6	13·4	+2·2	43	− 4	88	− 1	·986	−·004	8·1	−1·0	14	17·00	− 3·00	14·69	14·49	+ 0·20	34·16	44·82	−10·66	3·50	Saugor Island.
	1	9	2	2	9	6			S 36° E‡		2·7‡			31		88‡		·947‡		6·7‡		17	16·00	+ 1·00	10·84	12·56	− 1·72	34·81	40·13	− 5·32	2·62	Midnapore.
1		1	9	7	2	8	1	2	S 33° E	S 18° E	4·3*	4·7	−0·4	40	− 7	89	0	·961	−·003	8·3	−0·2	19	18·88	+ 0·12	8·49	12·16	− 3·67	28·10	42·22	−14·12	0·95	Calcutta.
1	1		3	16	8	1	1		S 33° E	S 25° E	5·0	3·7	+1·3	76	+26	87	− 4	·953	−·045	8·1	−0·3	19	17·03	+ 1·97	9·91	10·88	− 0·97	40·03	43·64	− 3·61	1·71	Jessore.
18			4	4	5				S 41° E		0·8			32		89		·975		7·6		14	14·26	− 0·26	5·89	10·09	− 4·20	42·90	37·94	+ 4·96	1·13	Krishnagar.
5		4	8	3	3	5	2	1	S 52° E	S 32° E	2·5	3·4	−0·9	27	− 5	88	+ 1	·968	+ ·025	8·7	0	15	16·48	− 1·48	9·61	11·53	− 1·92	28·40	40·39	−11·99	3·21	Burdwan.
16			5	1		4	5		S 34° W		4·0			13		82		·876		7·0		21	16·66	+ 4·34	19·02	10·57	+ 8·45	49·34	38·19	+11·15	4·80	Bankura.
20			7	4					S 73° E		1·8			32		91		·950		8·5		17	16·00	+ 1·00	10·39	11·78	− 1·39	37·15	37·34	− 0·19	2·15	Raniganj.
1		5	9	6	8	2			S 56° E	S 79° E	3·8	4·0	−0·2	59	+19	89	− 3	·934	−·023	9·2	+0·3	20	16·39	+ 3·61	11·66	11·74	− 0·08	40·77	37·11	+ 3·66	1·85	Berhampore.
8	2	2	1	1	2	12	2	1	S 49° W	S 41° W	3·4	4·3	−0·9	33	− 7	84	− 5	·896	−·078	7·2	−1·1	13	16·03	− 3·03	6·96	11·22	− 4·26	25·20	36·73	−11·53	1·77	Balasore.
1	1	2	1		2	10	13	1	S 73° W	S 57° W	8·9	9·8	−0·9	62	+ 1	86	− 2	·920	−·038	8·5	+0·2	13	16·16	− 3·16	8·18	13·13	− 4·95	22·85	37·70	−14·85	2·71	False Point.
6		2	1		1	6	12	3	S 83° W	S 66° W	3·3*	2·7	+0·6	53	+ 6	85	+ 2	·882	−·014	8·3	+0·7	15	16·19	− 1·19	10·10	14·06	− 3·96	31·23	39·53	− 8·30	2·18	Cuttack.
5	4				1	11	8	1	S 77° W¶		9·5			57		86		·917		7·7		13	12·85	+ 0·15	10·73	12·09	− 1·36	36·22	31·35	+ 4·87	3·19	Puri.
	2	2		2	1	2	13	9	N 72° W		6·9††			61		84		·863		6·5		12			7·91	12·67	− 4·76	34·20	32·20	+ 2·00	1·37	Angul.
	2	1		1	2	22	3		S 48° W	S 30° W	6·0	4·4	+1·6	76	+16	82	− 4	·873	−·013	8·9	+0·8	26	17·10	+ 8·90	31·31	18·60	+12·71	53·39	51·64	+ 1·75	4·34	Sambalpur.
9		8				12	2		S 59° W	S 54° W	3·4	1·8	+1·6	20	−13	86	+ 1	·876	−·027	8·4	+0·7	16	16·94	− 0·94	9·15	11·81	− 2·66	26·29	35·85	− 9·56	1·36	Chaibassa.
2	2	4	5	2		1	10	5	N 8° W	S 56° W	6·5	7·3	−0·8	20	+ 6	90	+ 1	·890	+ ·001	8·9	+0·9	20	17·84	+ 2·16	13·09	12·88	+ 0·21	36·98	39·53	− 2·55	2·36	Ranchi.
17	1	2	5				6		N 8° E		1·5			10		92		·926		5·1		19	16·52	+ 2·48	14·10	11·25	+ 2·85	32·39	33·69	− 1·30	2·56	Purulia.
11		3	6		2		5	4	N 6° E	S 5° W	5·9	7·7	−1·8	9	−16	86	− 3	·769	−·034	8·3	−0·5	22	17·77	+ 4·23	14·01	12·74	+ 1·27	48·49	36·52	+11·97	1·78	Hazaribagh.
10		4	4		1	3	8	1	N 86° W		3·5			12		92		·924		7·3		17	15·74	+ 1·26	10·68	12·27	− 1·59	35·05	29·71	+ 5·34	1·83	Daltonganj.
5		10	7	7				1	N 82° E	S 89° E	3·3	3·0	+0·3	59	+ 5	92	+ 2	1·003	+ ·023	7·4	−0·2	16	16·57	− 0·57	10·73	13·60	− 2·87	40·74	43·28	− 2·54	2·23	Purnea.
25		4		1		1			N 72° E		3·1			10		88		·972		7·4		11	13·32	− 2·32	22·29	10·90	+11·39	49·87	34·62	+15·25	10·37	Bhagalpur.
1	2	1	14	7		1	3	2	S 86° E		2·9			48		91		1·021		9·2		17			16·32			47·42			5·66	Monghyr.
6		1	22	2					S 88° E	S 74° E	3·6	4·4	−0·8	79	+15	88	− 1	·983	+ ·011	8·6	+1·8	18	14·07	+ 3·93	14·77	13·38	+ 1·39	38·92	36·32	+ 2·60	4·03	Darbhanga.
4		6	5	6				3	N 80° E‡‡		3·8			36		91		1·008		7·5		21			17·99			39·32			3·21	Pusa.
9			11	11					S 67° E		3·2* **			68		88		·966		5·0		18	13·03	+ 4·97	14·66	13·51	+ 1·15	33·79	36·57	− 2·78	3·03	Muzaffarpur.
18		4	8	1					N 80° E		0·2			36		90		·974		6·6		1	12·97	+ 3·03	12·09	13·63	− 1·54	35·34	41·31	− 5·97	2·46	Motihari.
																92		·951		7·2		19	12·61	+ 6·39	18·01	10·93	+ 7·08	33·59	30·32	+ 3·27	3·04	Chapra.
5	1	2	17	3	2		1		S 85° E	S 78° E	6·1	4·4	+1·7	62	+ 8	88	+ 1	·983	+ ·014	8·5	−0·4	16	13·52	+ 2·48	17·77	12·88	+ 4·89	37·16	34·62	+ 2·54	3·44	Patna.
9	1	3	7	4	5		2		S 63° E		2·0			36		91		·987		8·5		15	12·87	+ 2·13	19·10	11·25	+ 7·85	31·71	32·01	− 0·30	4·35	Arrah.
2	2		14	2	1	3	4	3	S 87° E		4·1			22		89		·945		7·7		19	13·35	+ 5·65	15·73	11·90	+ 3·83	26·64	29·06	− 2·42	3·43	Buxar.
5	1	2	6	5	2	4	4	2	S 31° E		5·3			19		85		·911		6·3		16	14·44	+ 1·56	12·67	12·64	+ 0·03	25·91	30·40	− 4·49	2·19	Dehri.
13	1	9	1	1			3	3	N 20° E	S 52° E	2·4	3·7	−1·3	30	+11	86	0	·938	+ ·007	7·4	−0·6	19	14·26	+ 4·74	21·49	12·88	+ 8·61	34·01	33·96	+ 0·05	3·96	Gaya.
23		1	4	3					S 78° E		2·0			23		86		·919		6·8		18	18·23	− 0·23	12·03	13·38	− 1·35	45·53	40·84	+ 4·69	3·05	Naya Dumka.
																																IV.—United Provinces of Agra and Oudh.
11		16	2	2					N 56° E	S 88° E	1·7	2·2	−0·5	59	+23	91	+ 3	·961	+ ·006	8·5	+2·6	21	14·10	+ 6·90	20·07	13·86	+ 6·21	32·57	36·63	− 4·06	3·73	Gorakhpur.
7		2	3	4	3	3	5	4	S 37° W	S 54° E	3·0	4·1	−1·1	17	+ 6	88	− 1	·945	−·018	8·5	+0·5	15	13·40	+ 1·60	12·40	11·51	+ 0·89	20·75	28·21	− 7·46	3·50	Benares.
8		2	4			5	9	3	W	W	4·1	6·6	−2·5	30	+26	81	− 6	·877	−·077	9·3	+0·6	13	11·80	+ 1·20	9·44	12·03	− 2·59	14·36	28·97	−14·61	2·81	Allahabad.

stations, the elevations of which exceed 3,200 feet. * Uncorrected for scale error. ‡ Mean of 29 days. ** Mean of 18 days. †† Mean of 10 days. ‡‡ 7 variable winds.

Tal

(2) *Abstract of observations taken at 8 hrs. at 240 statio*

Number of subdivision.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	2
	IV.—United Provinces of Agra and Oudh—*concld.*																						
10	Cawnpore	416	29·159	−·002	29·527	29·382	25th	28·983	9th	·399	83·4	93·5	+3·6	79·8	+1·5	86·7	+2·5	13·7	102·7	1st	73·9	24th	2
	Lucknow	368	29·222	−·020	29·545	29·445	25th	29·030	9th	·415	82·1	90·7	+0·4	78·5	−0·1	84·6	+0·1	12·2	102·0	9th	71·1	23rd & 24th.	2
	Bahraich	401	29·180	−·027	29·539	29·399	25th	28·990	9th	·409	81·2	87·6	−2·3	77·6	−0·4	82·6	−1·3	10·0	94·1	7th & 8th	73·0	1st	2
11	Jhansi	824	28·781	−·025	29·551	28·958	25th	28·650	9th	·303	83·7	94·9	+6·0	79·6	+2·5	87·3	+4·2	15·3	108·0	1st	72·0	24th	3
	Agra	556	29·017	−·040	29·521	29·227	25th	28·852	9th	·375	87·7	100·2	+9·1	83·4	+4·6	91·8	+6·9	16·8	107·0	8th & 9th.	76·0	28th	3
	Mainpuri	516	29·053	−·029	29·521	29·258	25th	28·879	9th	·379	85·0	97·0	+6·2	80·8	+2·4	88·9	+4·3	16·2	106·3	9th	75·6	28th	3
	Bareilly	568	29·004	−·032	29·527	29·209	29th	28·803	9th	·406	82·7	92·3	+2·4	78·1	+0·1	85·2	+1·3	14·2	101·8	9th	73·5	19th	2
	Meerut	733	28·843	−·027	29·526	29·050	25th & 29th.	28·632	9th	·418	85·5	99·7	+8·8	80·4	+2·1	90·0	+5·5	19·3	105·1	9th & 11th.	71·3	20th	3
	Roorkee	599	28·689	−·022	29·542	28·916	29th	28·437	9th	·479	82·5	93·9	+3·2	78·4	+1·4	86·1	+2·3	15·5	102·0	9th & 15th.	69·4	31st	3
	Dehra Dun	2,233	27·892	−·032	29·531	27·597	29th	27·183	9th	·414	76·4	84·9	+0·9	73·6	+0·5	79·2	+0·7	11·3	90·0	10th	67·5	20th	2
	V.—Punjab.																						
12	Delhi	718	28·861	−·023	29·523	29·071	29th	28·673	9th	·398	88·0	100·4	+8·6	83·6	+4·3	92·0	+6·5	16·8	106·0	9th	77·3	20th & 29th.	2
	Sirsa	662	28·803	−·029	29·503	29·112	29th	28·686	9th	·416	90·1	104·5	+6·1	85·3	+5·1	94·3	+5·6	19·2	110·3	1st & 8th	74·0	31st	3
	Patiala	*818*	28·745		29·513	29·076	29th	28·536	9th	·440	85·2	99·1		81·2		90·2		17·9	105·0	1st & 17th	71·8	31st	3
	Ambala	892	28·673	−·021	29·516	28·901	29th	28·450	9th	·451	84·9	100·8	+8·0	80·9	+2·8	90·8	+5·4	19·9	108·5	9th	69·9	20th	3
	Ludhiana	812	28·745	−·032	29·510	28·977	29th	28·520	9th	·457	85·3	101·5	+6·5	82·5	+3·5	92·0	+5·0	19·0	109·0	9th	72·0	31st	3
	Lahore	702	28·830	−·043	29·485	29·067	25th	28·608	9th	·459	89·0	104·6	+6·4	83·9	+6·1	94·3	+6·3	20·7	111·9	8th	73·2	30th & 31st.	3
	Sialkot	830	28·711	−·042	29·497	28·966	25th	28·466	9th	·500	85·9	99·3	+4·6	80·5	+2·8	89·9	+3·7	18·8	109·0	9th	69·5	31st	3
	Rawalpindi	1,674	27·888	−·043	29·471	28·120	25th	27·664	9th	·456	87·3	101·8	+7·9	79·5	+4·3	90·7	+6·1	22·3	110·4	9th & 10th.	69·9	30th	4
13	Khushab	612	28·898	−·045	29·468	29·140	25th	28·672	9th	·468	90·1	105·6	+5·4	85·7	+4·9	95·6	+5·1	19·9	110·4	8th & 9th.	72·4	31st	3
	Montgomery	558	28·959	−·042	29·474	29·174	25th	28·749	9th	·425	88·6	103·7	+1·7	84·1	+2·5	93·9	+2·1	19·6	109·9	8th	70·0	31st	3
	Multan	420	28·036	−·036	29·473	29·310	29th	28·886	9th	·424	87·3	101·7	+1·0	82·9	+0·8	92·3	+0·9	18·8	106·8	31st	74·0	31st	3
	VI.—North-West Frontier Province.																						
15	Peshawar	1,113	28·408	−·068	29·468	28·630	29th	28·172	9th	·458	87·3	105·7	+6·5	80·9	+3·1	93·3	+4·8	24·8	111·7	9th	73·9	31st	3
	D. I. Khan	590	28·898	−·086	29·445	29·129	25th	28·670	9th	·459	88·1	101·6	+3·5	82·6	+1·6	93·6	+2·5	22·0	108·9	9th	75·1	10th & 31st.	3
	VII.—Sind.																						
	Jacobabad	186	29·328	−·038	29·470	29·511	29th	29·117	9th	·391	87·1	106·9	+3·1	81·4	0	94·1	+1·5	25·5	112·1	5th	78·8	10th & 11th.	3
	Hyderabad	96	29·471	−·022	29·519	29·625	25th	29·307	9th	·318	82·3	94·9	−0·6	78·5	−0·2	86·7	−0·4	16·4	98·5	5th, 7th & 24th.	76·5	15th & 17th.	2
	Karachi	13	29·615	−·030	29·579	29·731	25th	29·468	10th	·263	80·0	85·1	+0·6	77·8	+0·6	81·4	+0·6	7·3	88·5	19th & 27th.	75·0	15th	1
	VIII.—Rajputana.																						
18	Bikaner	*771*	28·810	−·012	29·532	28·987	29th	28·626	9th	·361	85·1	102·0	+4·9	82·0	+1·4	92·0	+3·1	20·0	106·5	8th	75·5	31st	3
	Jodhpur	780	28·852	+·002	29·585	28·985	29th	28·679	9th	·316	81·2	96·0	+1·3?	78·0¶	−0·4	86·9¶	+0·5?	18·0	103·5	1st	74·8	25th	2
4	Jaipur	1,431	28·209	−·006	29·570	28·381	29th	28·069	9th	·312	83·1	97·6	+6·0	79·1	+3·0	88·3	+4·5	18·5	106·7	1st	72·6	29th	3
	Sambhar	1,254	28·383	+·011	29·570	28·548	29th	28·245	9th	·303	83·8	98·4	+7·1	80·0	+2·8	89·2	+4·9	18·4	106·9	1st	72·9	29th	3
	Ajmer	1,611	28·037	−·008	29·576	28·176	29th	27·896	9th	·280	79·7	93·1	+4·9	78·5	+3·2	85·8	+4·1	14·6	100·4	1st	75·2	24th, 25th & 26th.	2
	Kotah	819 †	28·791	−·008	29·556	28·931	29th	28·654	9th	·277	84·3	94·8	+3·1	80·4	+0·9	87·6	+2·0	14·4	106·6	1st	72·1	24th	3
	Udaipur	1,925	27·767	+·005	29·609	27·885	28th	27·625	9th	·260	78·7	89·2	+3·2	75·0	+1·0	82·1	+2·1	14·2	94·5	18th	71·2	26th	2

N.B.—Elevations in italics indicate barometrical determinations.

NOTE.—The barometric readings are not reduced to sea-level, in the cases of hill or plateau stations, the elevations of which exceed 12,000 feet.

B—*continued.*

in India, etc., in August, 1911—continued.

Wind direction. Number of winds from Calm. (25)	N. (26)	N.E. (27)	E. (28)	S.E. (29)	S. (30)	S.W. (31)	W. (32)	N.W. (33)	Resultant direction. (34)	Normal direction. (35)	Wind velocity. Mean velocity, miles per hour. (36)	Normal. (37)	Departure from normal. (38)	Wind steadiness. Actual percentage. (39)	Departure from normal. (40)	Hygrometry, 8 hrs. Mean humidity at 8 hrs. (41)	Departure from normal. (42)	Mean vapour tension at 8 hrs. in inches of mercury. (43)	Departure from normal in inches of mercury. (44)	Cloud. Mean cloud amount at 8 hrs. (45)	Departure from normal. (46)	Rainfall. Number of rainy days. (47)	Normal number of rainy days. (48)	Departure from normal. (49)	Rainfall of month. (50)	Normal rainfall of month. (51)	Departure from normal. (52)	Total rainfall from 1st May to 31st Aug., 1911. (53)	Normal rainfall for period, 1st May to 31st Aug. (54)	Departure from normal of period, 1st May to 31st Aug. 1911. (55)	Heaviest rainfall during month. (56)	Station (57)
																																IV.—United Provinces of Agra and Oudh—*concl.*
7	2	1	2	5	4	4	5	1	S 19° W	S 2° W	3·4	4·0	−0·6	83	+16	78	−9	·879	−·075	4·9	−2·6	7	12·30	−5·30	6·85	11·81	−4·96	8·87	28·22	−17·35	3·28	Cawnpore.
23		1	3	2		1		1	S 79° E	S 88° E	2·7	2·9	−0·2	13	−13	85	−3	·934	−·018	6·8	−1·1	11	14·20	−3·20	5·53	11·27	−5·74	8·87	28·65	−19·78	1·29	Lucknow.
2	3	5	7	6	4	3	1		S 72° E	S 70° E	2·2	2·8	−0·6	43	−5	38	0	·922	−·033	6·1	+0·1	19	12·70	+6·30	19·20	14·29	+4·91	26·94	32·91	−5·97	3·93	Bahraich.
	1	1	1	1	1	12	12	2	S 70° W	S 85° W	7·5	3·8	+3·7	66	+30	68	−14	·783	−·037	9·2	+2·5	7	12·70	−5·70	5·41	11·63	−6·22	9·48	28·76	−19·28	2·38	Jhansi.
4	1	1	2	2	6	9	5	1	S 35° W	S 10° W	7·3	4·9	+2·4	46	+17	63	−19	·802	−·111	5·7	−0·9	5	10·00	−5·00	3·00	8·26	−5·26	4·90	20·82	−15·92	1·29	Agra.
1	4	2	5	4	3	3	4	5	N 22° W	S 13° W	4·7	1·6	+3·1	3	−3	72	−13	·855	−·078	5·5	−1·2	8	10·90	−2·90	3·11	9·05	−5·94	6·95	19·48	−12·83	0·75	Mainpuri.
30			1						E	S 71° E	0·2	2·6	−2·4	2	−19	86	−2	·971	+·044	8·1	+1·2	8	12·18	−4·18	6·43	13·20	−6·77	10·55	33·34	−22·79	1·88	Bareilly.
4	1	2	3	11			5	5	S 62° E	S 45° E	3·3‡	1·9	+1·4	13	−5	65	−15	·795	+·0129	4·4	−2·5	2	9·40	−7·4	0·42	9·29	−8·87	3·40	22·40	−19·00	0·14	Meerut.
11				17				3	S 45° E	S 36° E	3·3	2·4	+0·9	46	+14	78	−8	·848	−·030	5·5	−1·2	7	12·10	−5·10	10·00	12·63	−2·63	19·52	30·92	−11·40	3·21	Roorkee.
31									(a)	S 11° E	1·0*	1·0	0			83	−1	·814	+·014	7·3	−1·0	19	21·30	−2·30	25·38	30·55	−5·17	40·69	67·45	−26·76	8·11	Dehra Dun.
																																V.—Punjab.
2	1	1	4	2	2	1	13	5	N 84° W	S 27° W	5·9	3·9	+2·0	37	+19	60	−18	·777	−·081	4·3	−2·4	4	9·30	−5·30	1·19	7·88	−6·69	6·45	19·67	−13·22	0·75	Delhi.
2		2		1	12	14			S 20° W	S 42° W	8·2	6·3	+1·9	72	+32	49	−22	·689	−·166	1·8	−2·9	1	4·80	−3·80	0·40	3·62	−3·22	2·73	9·79	−7·06	0·33	Sirsa.
	2		6	10	2	1	8	2	S 27° E		7·3			23		72		·868		4·7		3			3·15	7·38	−4·23	5·73	16·64	−10·91	2·50	Patiala.
4	1		6	14	1	1	2	2	S 52° E	S 51° E	5·0	1·3	+3·7	49	+25	71	−17	·839	−·102	5·6	+0·1	7	7·90	−0·90	3·41	7·90	−4·49	10·08	20·06	−9·98	1·42	Ambala.
15		1	2	7	2	1	2	1	S 34° E	S 29° E	1·1	1·8	−0·7	23	−16	64	−15	·766	−·126	2·6	−3·7	5	7·30	−2·30	2·64	7·61	−4·97	7·60	19·11	−11·51	1·45	Ludhiana.
2		1	4	5	4	2	11	1	S 34° W	S 41° E	3·1	2·8	+0·3	30	−10	58	−17	·786	−·104	1·7	−2·1	3	5·20	−2·20	3·50	5·30	−1·80	7·32	13·30	−5·98	2·25	Lahore.
10	1	3	9	6		1	1		S 82° E	N 83° E	2·0	2·5	−0·5	46	−1	71	−8	·855	−·037	3·6	−0·6	6	8·40	−2·40	6·08	9·38	−3·30	11·28	20·91	−9·63	2·12	Sialkot.
23		4	3	1					N 72° E	S 82° E	2·7	1·7	+1·0	23	−6	60	−20	·760	−·079	3·9	−0·3	8	8·00	0	5·14	8·82	−3·68	8·37	20·40	−12·03	2·00	Rawalpindi.
	1	6	10	3	9	2			S 64° E	N 68° E	7·6	6·1	+1·5	53	−4	55	−14	·773	−·088	1·7	−1·1	0	2·80	−2·80	0·02	3·03	−3·01	6·14	8·99	−2·85	0·02	Khushab.
2			1		12	15	1		S 25° W	S 12° W	10·7	8·2	+2·5	86	+32	48	−15	·653	−·178	1·1	−1·5	2	3·20	−1·20	1·96	3·24	−1·28	3·76	6·86	−3·10	1·78	Montgomery.
2	1				9	19			S 32° W	S 14° E	1·7	2·9	−1·2	79	+36	60	−8	·772	−·096	1·4	−0·7	1	2·30	−1·30	0·12	1·74	−1·62	2·10	4·66	−2·56	0·12	Multan.
																																VI.—North-West Frontier Province.
7	6	3	2		2		5	6	N 26° W	N 10° W	2·6	3·6	−1·0	37	−6	59	−12	·764	−·059	1·8	−1·5	0	2·30	−2·30	0	2·08	−2·08	0·83	4·75	−3·92	0	Peshawar.
7	1	8		11	3	1			S 69° E	N 72° E	2·0	2·0	0	46	+10	71†	−3	·924†	+·005?	0·9	−1·3	0	2·40	−2·40	0	2·10	−2·10	1·05	5·46	−4·41	0	D. I. Khan.
																																VII.—Sind.
4			3	8	5	1			S 35° E	S 41° E	4·3	4·2	+0·1	16	−24	65	−8	·828	−·059	0·3	−1·8	0	1·90	−1·90	0	1·01	−1·01	0·05	2·32	−2·27	0	Jacobabad.
					9	19	3		S 36° W	S 43° W	13·8	18·3	−2·5	89	+3	69	−1	·754	−·020?	4·9	−0·2	0	2·40	−2·40	0	2·14	−2·14	0	5·76	−5·76	0	Hyderabad.
2						6	23		S 82° W	S 76° W	15·7	16·4	−0·7	89	+3	83	−4	·839	−·063	6·9	−0·9	0	1·90	−1·90	0·09	1·59	−1·50	0·09	5·75	−5·66	0·04	Karachi.
																																VIII.—Rajputana.
			1	1	6	13	9	1	S 49° W	S 36° W	10·9	7·7	+3·2	76	−4	58	−11	·697	−·133	2·9	−1·6	2	4·90	−2·90	1·08	3·57	−2·43	2·43	8·91	−6·51	0·90	Bikaner.
					3	27	1		S 43° W		7·5			96		64	−9	·676		6·8		1	5·90	−4·90	0·17	4·31	−4·14	1·12	10·90	−8·88	0·11	Jodhpur.
2		2			1	2	18	6	N 82° W	N 88° W	7·4*	4·7	+2·7	72	+15	69	−10	·761	−·052	5·5	−1·4	5	11·60	−6·60	3·14	8·31	−5·17	10·57	18·76	−8·19	1·62	Jaipur.
1	2						17	9	N 71° W	N 84° W	8·7	7·7	+1·0	79	+7	63	−14	·717	−·078	5·3	−1·0	3	9·40	−6·40	1·17	6·23	−5·06	3·72	15·25	−11·53	0·66	Sambhar.
1	1		1			4	6	16	N 64° W	S 85° W	11·8	6·9	+4·9	69	−13	71	−11	·726	−·073	4·8	−1·5	2	8·90	−6·90	1·80	7·05	−5·25	3·79	18·81	−13·02	1·38	Ajmer.
						13	11	6	S 78° W		6·1			79		63	−9	·737		6·3		6	10·60	−4·60	5·59	8·20	−2·61	10·13	21·48	−11·35	5·20	Kotah.
					1	13	13	3	S 72° W		7·0			82		67	−11	·651		6·6		4	8·70	−4·70	1·94	6·95	−5·01	7·23	18·30	−11·07	1·24	Udaipur.

* Uncorrected for scale error. ‡ Mean of 29 days. † Mean of 27 days. *a* Indeterminate.

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(2) *Abstract of observations taken at 8 hrs. at 240 sta*

Number of subdivision.	Station.	Elevation of barometer above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.
1	2		4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	IX.—Bombay.																					
20	Deesa	466	29·213	+·002	29·631	29·328	29th	29·087	9th	·241	81·8	96·6	+7·7?	77·6	+2·0	87·1	+4·9?	19·0	102·8	1st	74·4	13th
	Bhuj	385	29·273	+·003	29·619	29·390	26th	29·154	10th	·236	79·7	89·8	+1·1	76·3	+0·1	83·1	+0·6	13·5	94·0	1st, 3rd & 31st.	74·0	12th
	Jamnagar	61	29·627		29·633	29·737	26th	29·510	10th	·227	82·8	89·5		76·5		83·0		13·0	93·2	3rd	72·6	30th
	Dwarka	37?	29·662	−·008	29·645	29·758	26th	29·544	10th	·214	79·8	84·0	−0·5	77·8	−0·3	80·9	−0·4	6·2	87·3	2nd	75·2	4 days
	Rajkot	429	29·281	+·007	29·659	29·373	26th	29·168	10th	·205	79·7	91·1	+2·2	74·6†	+0·2†	82·9†	+1·2	16·5	98·1	1st	70·0	21st
	Veraval	*18*	29·713	−·011	29·674	29·793	29th	29·617	10th	·176	78·7	81·8	−0·9	77·6	−0·1	79·7	−0·5	4·2	87·1	2nd	75·3	13th, 14t & 25th.
	Bhavnagar Para	55	29·680	−·032?	29·680	29·767	26th	29·578	10th	·189	81·2	92·7	−0·1	77·1	0	84·9	−0·1	15·6	97·5	1st	74·5	27th
	Surat	39	29·714	+·015	29·696	29·799	26th	29·621	9th	·178	79·7	86·1	−0·9	75·8	−0·7	80·9	−0·8	10·3	89·9	1st	73·1	14th
	Ahmadabad	163	29·536	−·007	29·648	29·641	26th	29·419	9th	·222	80·7	91·9	+4·8	75·8	−1·3	85·3	+1·7	19·1	101·6	1st	72·7	25th
26	Bombay	37	29·764	+·007	29·741	29·833	12th	29·691	10th	·139	79·4	83·7	−0·3	77·2	+0·2	80·5	−0·1	6·5	86·5	11th	74·5	5th, 6th & 7th.
	Ratnagiri	110	29·730	+·021	29·779	29·786	12th	29·673	10th	·113	79·3	83·4	−0·3	75·0	−0·2	79·2	−0·3	8·4	84·8	22nd	71·9	23rd
	Goa	199									77·8	81·3	−0·6	75·6	−0·2	78·4	−0·4	5·7	83·1	2nd & 28th.	73·6	16th
	Marmagao	*60*	29·809	+·013	29·803	29·870	12th	29·751	10th	·116	79·1	83·2	−0·2	74·8	−1·0	79·0	−0·6	8·4	86·0	21st	72·7	15th & 27th.
	Karwar	44	29·847	+·028	29·825	29·906	12th	29·783	10th	·123	77·4	81·3	−1·2	74·1	−0·5	77·7	−0·9	7·2	83·8	1st	72·0	27th
27	Malegaon	1,436	28·325	+·013	29·657	28·414	25th	28·225	9th	·189	76·5	85·6	−1·0	71·0	−0·5	78·3	−0·7	14·6	88·9	5 days	69·1	4 days
	Ahmadnagar	2,154	27·644	+·008	29·714	27·710	25th	27·562	9th	·148	73·7	81·7	−3·1	67·8	−1·2	74·8	−2·1	13·9	87·6	27th	64·0	27th
	Poona	1,846	27·953	+·004	29·739	28·016	28th	27·863	10th	·153	72·4	80·1	−1·8	69·6	+0·1	74·8	−0·9	10·5	85·5	27th	66·3	26th
	Sholapur	1,590	28·213	+·013	29·743	28·276	25th	28·142	9th	·134	74·2	84·8	−4·0	69·9	−0·7	77·4	−2·3	14·9	92·3	28th	68·1	19th, 23r & 25th.
	Bijapur	*1,948*	27·873	+·015	29·747	27·931	12th	27·817	9th & 15th.	·114	73·9	85·3	−0·8	69·4	−0·5	77·4	−0·7	15·9	90·2	26th, 27th & 28th.	67·3	19th, 21t & 26th.
	Belgaum	2,539	27·308	+·019	29·753	27·361	12th	27·246	10th	·115	69·2	74·5	−1·6	65·6	−0·6	70·1	−1·1	8·9	78·3	27th	64·0	14th & 27th.
	X.—Central India.																					
21	Neemuch	1,624	28·056	0	29·613	28·173	26th	27·924	9th	·249	77·3	90·3	+5·3	73·9	+1·4	82·1	+3·3	16·4	97·9	1st	69·0	24th
	Indore	1,823	27·890	+·013	29·652	28·007	26th	27·793	9th	·214	74·4	83·6	+0·7	71·5	+0·2	77·5	+0·5	12·1	92·1	1st	69·6	7th & 26t
22	Nowgong	754	28·867	−·006	29·572?	29·050	25th	28·740	9th	·310	80·6	89·5	+1·6	77·6	+0·9	83·6	+1·3	11·9	97·0	1st	71·5	24th
	Sutna	1,041	28·559	−·022	29·518	28·742	25th	28·424	9th	·318	79·3	87·4	+1·5	76·3	+0·4	81·8	+0·9	11·1	97·8	5th	71·3	23rd
	XI.—Central Provinces.																					
23	Buldana	2,13?	27·589		29·639?	27·676	3rd	27·510	16th	·166	73·2	80·6		69·2		74·9		11·4	84·7	27th	67·1	25th
	Akola	930	28·802	+·013	29·682	28·898	25th	28·706	9th	·192	76·7	86·4	−0·8	72·6	−0·7	79·5	−0·7	13·8	93·2	27th & 28th.	70·1	24th 25th.
	Amraoti	1,215	28·500	+·011	29·636?	28·693	25th	28·415	9th	·178	75·4	84·3	−1·8	72·7	+0·1	78·5	−0·9	11·6	92·8	28th	70·3	24th
24	Khandwa	1,044	28·677	+·018	29·671	28·768	26th	28·588	9th	·180	77·5	86·3	+0·8	74·4	+0·3	80·4	+0·5	11·9	95·2	27th	71·1	24th
	Hoshangabad	1,006	28·086	+·008	29·643	28·312	25th	28·593	9th	·219	76·7	85·3	+0·3	73·9	+0·1	79·6	+0·2	11·4	91·1	1st	71·4	24th
	Saugor	1,807	27·843	−·014	29·583	27·996	25th	27·745	23rd	·251	74·7	83·6	0	72·2	−0·6	77·9	−0·3	11·4	91·8	2nd	67·1	24th
	Jubbulpore	1,327	28·310	−·012	29·582	28·452	25th	28·214	6th	·238	75·9	83·7	−1·0	73·7	−0·2	78·7	−0·6	10·0	91·3	1st	69·3	22nd & 24th.
	Seoni	2,033	27·654	+·002	29·616	27·779	25th	27·555	5th	·224	74·3	81·1	−2·0	70·2	−1·4	75·6	−1·7	10·9	86·1	26th	68·5	14th 22nd.
	Nagpur	1,017	28·663	+·004	29·635	28·771	25th	28·581	5th	·190	76·5	85·5	−1·5	74·1	−0·5	79·8	−1·0	11·4	92·1	25th	70·8	4th
25	Pendra	2,123?	27·607		29·550	27·767	25th	27·511	5th	·256	75·1	82·1		72·1		77·1		10·0	87·8	2nd	66·2	24th
	Raipur	970	28·675	−·014	29·595	28·817	25th	28·575	5th	·242	76·0	83·2	−2·7	73·8	−1·1	78·5	−1·9	9·4	91·2	1st	71·6	13th & 15
	Chanda	*634*	29·070	−·002	29·653	29·158	25th	28·999	5th	·159	76·9	83·8	−3·8	73·8	−1·2	78·8	−2·5	10·0	91·5	26th & 28th.	70·0	30th
	Jagdalpur (Bastar)	1,813	27·889		29·625	27·979	25th	27·812	5th	·167	74·7	80·9		71·2		76·0		9·7	85·7	4th	69·1	4 days

N.B.—Elevations in italics indicate barometrical determinations.

† Mean of 25 days.
‡ „ „ 11 „

NOTE.—The barometric readings are not redu ced to sea-level

B—*continued.*

in India, etc., in August, 1911—continued.

Wind direction. Number of winds from Calm. (25)	N. (26)	N.E. (27)	E. (28)	S.E. (29)	S. (30)	S.W. (31)	W. (32)	N.W. (33)	Resultant direction. (34)	Normal direction. (35)	Wind velocity. Mean velocity, miles per hour. (36)	Normal. (37)	Departure from normal. (38)	Wind steadiness. Actual percentage. (39)	Departure from normal. (40)	Hygrometry, 8 hrs. Mean humidity at 8 hrs. (41)	Departure from normal. (42)	Mean vapour tension at 8 hrs., in inches of mercury. (43)	Departure from normal, in inches of mercury. (44)	Cloud. Mean cloud amount at 8 hrs. (45)	Departure from normal. (46)	Rainfall. Number of rainy days. (47)	Normal number of rainy days. (48)	Departure from normal. (49)	Rainfall of month. (50)	Normal rainfall of month. (51)	Departure from normal. (52)	Total rainfall from 1st May to 31st August, 1911. (53)	Normal rainfall for period, 1st May to 31st August. (54)	Departure from normal of period, 1st May to 31st August, 1911. (55)	Heaviest rainfall during month. (56)	Station. (57)
																																IX.—Bombay.
																70	−14	·753	−·087	7·2	−0·9	2	10·00	−8·09	0·37	8·01	−7·64	3·32	19·73	−16·41	0·17	Deesa.
					2	12	14	3	S 71° W	S 76° W	16·6	15·7	+0·9	86	− 4	84	+ 2	·839	+·002	9·0	+1·7	1	3·70	−2·70	0·48	2·95	−2·47	0·52	11·54	−11·02	0·24	Bhuj.
					2	18	11		S 60° W		23·1			90		71		·790		5·7		1			0·31	7·01	−6·70	0·83	16·82	−15·99	0·10	Jamnagar.
	1				4	18	8		S 52° W		17·3			86		84	− 2	·856		7·9		5			1·40	3·56	−2·16	2·20	12·65	−10·45	0·32	Dwarka.
					1	20	10		S 58° W	S 77° W	19·5	12·4	+7·1	92	+ 2	79	− 5	·787	−·051	9·3	+1·8	3	6·60	−3·60	0·91	5·91	−5·00	3·98	21·94	−17·96	0·26	Rajkot.
					1	9	21		S 75° W	S 77° W	17·3	11·8	+5·5	92	+10	90	+ 2	·889	+·009	8·9	+0·7	5	8·10	−3·10	1·43	4·08	−2·65	5·36	15·31	− 9·95	0·31	Veraval.
					1	21	9		S 58° W	S 48° W	5·5	11·8	−6·3	92	+ 2	75	− 6	·789	−·091	7·9	+0·8	4	8·80	−4·80	1·67	5·96	−4·29	5·30	16·08	−10·78	0·68	Bhavnagar Para.
		1	1	2	2	9	15	1	S 66° W	S 66° W	7·6	9·8	−2·2	67	−13	89	+ 4	·902	+·013	8·9	+1·3	15	12·30	+2·70	8·37	7·67	+0·70	16·45	33·25	−16·80	2·68	Surat.
3					3	23	2		S 43° W	S 63° W	6·6	4·9	+1·7	86	+14	76	− 7	·802	−·057	7·3	−1·0	5	10·90	−5·90	1·24	8·57	−7·33	8·02	25·23	−17·21	0·50	Ahmadabad.
						11	18	2	S 76° W	S 71° W	14·8*	15·4	−0·6	92	+ 9	86	0	·872	−·009	9·0	+0·1	18	19·50	−1·50	17·09	14·19	+2·90	43·22	58·55	−15·33	4·02	Bombay.
				1		13	15	2	S 71° W	S 74° W	12·0	9·5	+2·5	86	+18	85	− 3	·841	−·031	8·0	0	26	23·70	+2·30	18·38	20·02	−1·64	65·61	84·70	−19·09	4·06	Ratnagiri.
	1		3			1	15	11	N 68° W	S 85° W	10·4	8·7	+1·7	69	+18	91	+ 2	·854	−·026	9·0	+0·5	25			15·67	17·44	−1·77	75·14	83·70	− 8·56	2·75	Goa.
2						5	23	1	S 84° W	N 56° W	10·2*	11·2	−1·0	89	+12	91	+ 1	·902	+·004	8·3	+1·3	23			13·53	15·67	−2·14	67·74	79·32	−11·58	1·76	Marmagao.
9	1	1		7	1	9	2	1	S 20° W	N 81° W	3·7	4·3	−0·6	33	−14	87	− 1	·829	−·005	7·2	−0·1	26	24·00	+2·00	16·61	22·15	−5·54	70·95	102·46	−31·51	2·25	Karwar.
	1					7	22	1	S 84° W	S 78° W	10·6	12·7	−2·1	92	+ 6	78	+ 1	·714	−·006	3·7	−3·0	7	5·80	+1·20	2·12	3·40	−1·28	17·13	13·66	+ 3·47	0·93	Malegaon.
					1	13	14	3	S 72° W	S 86° W	8·2	18·5	−10·3	86	+11	78	− 5	·651	+·019	7·1	−0·1	8	5·20	+2·80	2·87	2·78	+0·09	15·84	11·89	+ 3·95	1·12	Ahmadnagar.
5							26		W	S 83° W	14·9	14·8	+0·1	84	− 6	87	+ 4	·685	−·008	7·2	−1·2	15	8·60	+6·40	5·39	3·76	+1·63	12·19	16·88	− 4·69	1·10	Poona.
						16	13	2	S 69° W	S 83° W	15·0†	12·8	+2·2	92	+ 8	84	+ 9	·702	+·032	8·2	+0·5	9	8·00	+1·00	4·89	5·46	−0·57	15·28	15·47	− 0·19	2·18	Sholapur.
						13	18		S 72° W	S 82° W	15·7	10·7	+5·0	92	+ 7	81	− 1	·673	−·022	7·1	−0·4	2	5·60	−3·60	1·15	2·73	−1·58	10·06	9·26	+ 0·80	0·73	Bijapur.
						8	23		S 79° W	S 83° W	18·5	21·5	−3·0	99	+ 8	93	+ 1	·672	+·004	9·6	+0·9	22	17·40	+4·60	10·90	9·23	+1·67	35·01	36·03	− 1·02	2·23	Belgaum.
																																X.—Central India.
						13	18		S 72° W	S 75° W	16·6	11·0	+5·6	92	+ 8	76	− 9	·806	+·030	8·1	+1·3	2	10·50	−8·50	1·88	9·02	−7·14	11·12	22·26	−11·14	1·40	Neemuch.
						5	13	13	N 77° W	S 85° W	8·4	5·7	+2·7	89	+ 7	82	− 7	·703	−·063	9·3	+0·4	4	10·60	−6·60	4·01	7·67	−3·66	11·35	23·62	−12·27	1·63	Indore.
2		1	1	1	1	6	18	1	S 78° W	S 89° W	4·4	3·1	+1·3	69	+18	81	− 6	·839	−·043	8·5	+0·5	9	14·10	−5·10	10·58	13·26	−2·68	22·55	33·71	−11·16	4·21	Nowgong.
3	4					12	10	2	S 81° W	S 89° W	7·0	7·7	−0·7	66	+25	83	− 4	·829	−·042	9·6	+2·2	13	14·40	−1·40	16·77	12·26	+4·51	24·33	32·39	− 8·06	7·53	Sutna.
																																XI.—Central Provinces.
						6	20	5	S 88° W		8·0	8·6	−0·6	90		82		·670		9·4		12			4·55	7·41	−2·86	15·88	23·38	− 7·50	1·40	Buldana.
						4	18	9	N 83° W	N 78° W	10·6	8·6	+2·0	89	+ 3	78	− 5	·717	−·051	9·2	+1·4	9	8·90	+0·10	5·86	7·03	−1·17	17·01	22·55	− 5·54	2·62	Akola.
17							7	7	N 68° W	N 89° W	4·9	7·8	−2·9	43	−43	83	− 6	·726	−·056	7·4	−0·5	8	10·00	−2·00	5·62	6·97	−1·35	15·77	23·55	− 7·78	2·12	Amraoti.
	1					2	21	7	N 81° W	N 86° W	11·3	8·7	+2·6	89	− 4	77	− 8	·736	−·032	8·7	+1·0	7	10·70	−3·70	3·25	6·66	−3·41	8·90	21·10	−12·20	0·78	Khandwa.
3						12	11	5	S 77° W	S 53° W	6·0	3·9	+2·1	76	− 3	87	− 4	·800	−·036	8·5	−0·1	12	15·00	−3·00	9·15	14·63	−5·48	20·81	36·80	−15·99	3·77	Hoshangabad.
1	1	1				1	25	2	N 85° W	S 87° W	12·5	5·3	+7·2	86	+21	87	− 3	·736	−·063	9·2	+1·6	13	15·40	−2·40	7·34	13·37	−6·03	24·55	35·32	−10·77	1·66	Saugor.
2		1	1		1	6	13	7	N 89° W	S 77° W	3·8	4·3	−0·5	66	− 2	87	− 3	·774	−·054	9·4	+1·1	16	16·30	−0·30	11·39	16·54	−5·15	28·29	43·16	−14·87	2·18	Jubbulpore.
	4	1		1		6	13	6	N 77° W	N 76° W	6·2	4·9	+1·3	66	+23	88	− 2	·741	−·015	8·6	+0·1	17	16·40	+0·60	17·29	12·75	+4·54	38·88	38·18	+ 0·70	2·34	Seoni.
	1					2	21	7	N 81° W	S 89° W	6·1	7·2	−1·1	89	+28	84	− 1	·763	−·047	9·0	+0·3	16	12·60	+3·40	13·24	11·76	+1·48	35·94	35·60	+ 0·34	3·49	Nagpur.
4	8	1		1	3		4	10	N 39° W		6·3			53		87		·753		6·7		19			10·07	13·65	−3·58	22·00	37·27	−15·27	3·22	Pendra.
		1				24	5	1	S 55° W	S 58° W	8·5	8·4	−0·1	89	+17	89	0	·793	−·049	8·8	+0·1	23	14·20	+8·80	24·50	13·07	+11·43	46·05	37·33	+ 8·72	3·40	Raipur.
						10	21		S 76° W	S 76° W	8·6	5·6	+3·0	96	+18	86	+ 4	·793	−·006	8·7	+0·3	18	13·60	+4·40	15·47	13·47	+2·00	34·82	38·48	− 3·66	2·30	Chanda.
3	2				3	11	9	3	S 70° W					66		90		·765		8·4		25			18·05			44·94			2·55	Jagdalpur. (Bastar.)

cases of hill or plateau stations, the elevations of which exceed 3,200 feet.

* Uncorrected for scale error.

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(2) *Abstract of observations taken at 8 hrs. at 240 stati*

Number of subdivision.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.
1	2	3	4	5	6	7	8		10	11	12	13	14	15	16	17	18	19	20	21	22	23
	XII.—Hyderabad.																					
28	Aurangabad	1,905	27·886	+·005	29·728	27·963	25th	27·799	9th	·164	72·4	82·4	−2·7	68·2	−1·1	75·3	−1·9	14·2	87·2	26th, 27th & 28th.	65·2	25th
	Nizamabad	1,248	28·503		29·693	28·583	25th	28·439	9th	·144	74·2	84·5	−1·6	72·1	−0·7	78·3	−1·1	12·4	90·9	26th	69·7	4th, 5th & 6th.
	Bidar	*2,165*									72·1	81·4		63·4		71·9		13·0	88·5	26th	66·4	24th
29	Gulbarga	1,503	28·298	+·012	29·742	28·364	25th	28·230	9th	·134	74·2	85·0	−3·3	70·4	-0·7	77·7	−2·0	14·6	93·0	26th	67·8	24th
	Raichur	*1,311*	28·512	+·026P	29·764	28·573	25th	28·453	9th	·120	76·0	88·2	−0·3	71·9	−0·6	80·1	−0·5	16·3	93·0	3rd, 21st & 24th.	69·6	17th
	Hyderabad (Deccan).	1,690	28·085	+·006	29·711	28·152	25th	28·016	9th	·136	73·7	83·9	−2·2	71·1	0	77·5	−1·1	12·8	91·8	2nd	68·2	5th&6th
	Hanamkonda	877	28·870	+·008	29·691	28·952	25th	28·797	5th	·155	78·0	86·1	−1·9	74·1	−1·2	80·1	−1·5	12·0	91·5	21st & 22nd.	71·2	4th&6th
	XIII.—Mysore.																					
30	Chitaldrug	2,405	27·470	+·021	29·790	27·527	12th	27·407	9th	·120	71·0	80·7	−1·4	67·0	−1·0	73·9	−1·2	13·7	86·6	3rd & 4th.	65·4	5th & 6th.
	Hassan	3,149	26·784	+·019	29·861P	26·833	12th	26·721	22nd	·112	68·8	77·5	−0·8	63·8	−0·7	70·6	−0·7	13·7	82·4	3rd	60·0	24th
	Bangalore	3,021	26·898	+·015	29·799	26·946	12th	26·847	9th	·099	69·3	82·4	+0·6	64·7	−0·9	73·5	−0·1	17·7	85·3	3rd	61·8	15th
	Mysore	2,518	27·402	+·018	29·827	27·455	12th	27·352	9th	·103	70·8	81·4	−2·6	65·2	−1·3	73·3	−1·9	16·2	84·0	3rd	62·0	15th
	XIV.—Madras.																					
31	Mangalore	65	29·842	+·010	29·840	29·896	12th	29·788	10th	·108	77·0	83·6	+0·1	72·7	−0·4	78·1	−0·1	10·9	86·8	17th	69·3	12th
	Calicut	27	29·888	+·008	29·844	29·939	12th	29·840	10th	·098	76·7	82·8	0	74·2	+0·1	78·5	+0·1	8·6	85·3	8th	72·1	22nd
	Cochin	9	29·925	+·017	29·861	29·988	22nd	29·881	10th	·107	78·4	84·7	+1·0	74·4	+0·1	79·5	+0·5	10·3	86·7	5 days	71·2	22nd
	Trivandrum	198	29·722	+·017	29·853	29·788	22nd	29·694	4th & 10th.	·094	77·8	84·6	+2·3	75·1	+2·1	79·8	+2·2	9·5	87·0	13th	73·0	15th & 22nd.
32	Tinnevelly	168	29·702	+·016	29·798	29·753	22nd	29·664	10th	·089	85·2	96·3	−0·4	79·1	0	87·7	−0·2	17·2	101·2	3rd & 25th.	76·9	15th, 19th & 25th.
	Pamban	37	29·816	+·003	29·781	29·859	22nd	29·775	10th	·084	82·8	90·4	+1·4	76·9	−1·7	83·6	−0·1	13·5	92·7	12th & 13th.	75·0	22nd
	Madura	447	29·414	+·023	29·791	29·462	22nd	29·362	9th	·100	82·8	98·3	+1·7	76·4	+0·6	87·4	+1·1	21·9	100·0	5 days	73·1	23rd
	Pudukkottai	318	29·535		29·782	29·575	2nd	29·483	10th	·092	83·7	99·3		77·7		83·5		21·6	102·1	8th	74·7	21st
	Negapatam	31	29·808	+·002	29·768	29·853	22nd	29·763	5th & 10th.	·090	82·8	96·4	+2·7	77·7	+0·4	87·0	+1·5	18·7	100·0	8th	72·5	23rd
	Trichinopoly	255	29·607	+·020	29·793	29·644	2nd	29·562	10th	·082	83·6	98·5	+1·9	77·3	+0·6	87·9	+1·3	21·2	101·6	20th & 21st.	74·3	23rd
	Coimbatore	1,341	28·528	+·012	29·803	28·568	12th	28·472	9th	·096	75·4	87·3	−1·4	69·9	−0·7	78·6	−1·1	17·4	90·0	7th & 27th.	66·3	14th
	Salem	940	28·961	+·027	29·833	28·994	31st	28·922	9th	·072	79·3	95·0	+2·8	73·2	+0·7	84·0	+1·7	21·8	99·0	7th	70·8	4 days
	Cuddalore	37	29·803	+·019	29·770	29·851	2nd	29·757	10th	·094	83·5	96·6	+2·9	78·6	+2·3	87·6	+2·6	18·0	102·3	8th	72·7	21st
	Vellore	707	29·115		29·753	29·163	2nd	29·076	5th	·087	81·4	91·7		77·2		86·0		17·5	98·7	20th	72·5	29th & 30th.
	Madras	22	29·794	+·004	29·748	29·845	2nd	29·746	9th	·099	83·8	97·2	+3·4	78·9	+1·6	88·0	+2·5	18·3	103·5	16th	74·0	11th & 22nd.
33	Cuddapah	433	29·390	+·009	29·760	29·429	25th	29·339	9th	·100	81·7	95·5	+1·8	76·6	−0·2	86·1	+0·8	18·9	100·2	12th	71·6	29th
	Bellary	1,475	28·346	+·005	29·754	28·415	12th	28·293	9th	·122	77·1	90·8	0	73·8	+0·2	82·3	+0·1	17·0	97·0	3rd	70·3	5th
	Kurnool	923	28·823	+·005	29·750	28·942	25th	28·821	9th	·121	76·0	88·9	−0·9	72·6	−1·1	80·8	−1·0	16·3	94·2	21st	70·6	6th & 11th.
34	Nellore	66	29·730	+·018	29·730	29·787	2nd	29·673	9th	·114	84·4	96·4	+0·8	79·8	+1·1	88·1	+0·9	16·6	101·1	12th	75·6	21st
	Masulipatam	15	29·742	+·008	29·692	29·794	2nd	29·680	9th	·114	81·4	91·8	+0·5	77·2	−0·4	84·5	+0·1	14·6	98·3	20th & 21st.	72·2	5th
	Cocanada	26	29·689	−·004	29·652	29·751	31st	29·622	4th	·129	80·9	89·9	+0·2	78·1	−0·4	84·0	−0·1	11·8	95·7	21st	72·6	5th
	Waltair (Vizagapatam).	*226*	29·449	−·021	29·614	29·544	25th	29·361	5th	·183	81·4	88·9		78·4		83·7		10·5	94·6	24th	75·4	5th & 18th.
	Calingapatam	19	29·639		29·596	29·735	25th	29·535	5th	·200	81·6	89·9		78·2		84·1		11·7	96·3	24th	75·0	29th
	Gopalpur	33	29·601	−·016	29·575	29·711	25th	29·491	5th	·220	80·7	87·5	+0·1	78·0	−0·8	82·8	−0·3	9·5	91·2	8th	67·0	29th

NOTE.—The barometric readings are not reduced to sea-level, in the cases of hill or pl

N.B.—Elevations in italics indicate barometrical determinations.

B—*continued.*

***in India, etc., in August, 1911*—continued.**

Wind direction. Number of winds from: Calm. (25)	N. (26)	N. E. (27)	E. (28)	S. E. (29)	S. (30)	S. W. (31)	W. (32)	N. W. (33)	Resultant direction. (34)	Normal direction. (35)	Wind velocity. Mean velocity, miles per hour. (36)	Normal. (37)	Departure from normal. (38)	Wind steadiness. Actual percentage. (39)	Departure from normal. (40)	Hygrometry, 8 hrs. Mean humidity at 8 hrs. (41)	Departure from normal. (42)	Mean vapour tension at 8 hrs. in inches of mercury. (43)	Departure from normal in inches of mercury. (44)	Cloud. Mean cloud amount at 8 hrs. (45)	Departure from normal. (46)	Rainfall. Number of rainy days. (47)	Normal number of rainy days. (48)	Departure from normal. (49)	Rainfall of month. (50)	Normal rainfall of month. (51)	Departure from normal. (52)	Total rainfall from 1st May to 31st August, 1911. (53)	Normal rainfall for period, 1st May to 31st August. (54)	Departure from normal of period, 1st May to 31st August, 1911. (55)	Heaviest rainfall during month. (56)	Station. (57)
																																XII.—Hyderabad.
						7	15	9	N 87° W		18·0			86		87	+ 4	·684		8·5		12	9·50	+2·50	3·92	5·35	— 1·43	17·03	17·87	— 0·84	0·56	Aurangabad.
5						19	7		S 57° W		7·7			79		83	+ 2	·704		6·0		14	14·50	−0·50	10·09	10·82	— 0·73	22·71	26·26	— 3·55	2·15	Nizamabad.
	2					11	14	4	S 83° W		15·5			81		88		·701		8·7		12	12·50	−0·50	7·35	7·33	+ 0·02	17·23	21·12	— 3·89	1·48	Bidar.
						10	15	6	S 84° W	N 75° W	10·2	13·7	−3·5	86	+ 5	78	− 2	·665	−·039	6·3	−1·3	9	8·10	+0·90	3·63	6·45	− 2·82	16·14	18·98	— 2·84	0·86	Gulbarga.
						12	15	4	S 78° W	S 81° W	14·4	13·0	+1·4	89	+ 8	75	− 3	·676	—·037	7·4	−0·2	5	8·70	−3·70	2·21	5·74	— 3·53	14·02	15·44	—1·42	0·94	Raichur.
1							30		W	N 83° W	7·1	8·4	—1·3	87	+ 4	81	— 1	·666	—·050	8·7	+1·1	9			6·66	6·80	— 0·14	17·17	17·96	— 0·79	1·88	Hyderabad (Deccan).
						1	27	3	N 87° W		10·3			99		74	— 1	·707		8·7		11	12·00	—1·00	5·02	6·94	— 1·92	15·50	22·83	— 7·33	0·98	Hanamkonda.
																																XIII.—Mysore.
						10	18	3	S 80° W	S 78° W	9·6	10·7	—1·1	89	+ 1	85	+ 3	·652	+·005	9·0	+0·1	8	7·80	+0·20	2·17	3·26	— 1·09	8·29	12·84	—4·55	0·46	Chitaldrug.
1	1					11	14	4	S 81° W	N 87° W	10·0	4·4	+5·6	81	— 7	86	+ 3	·605	—·009	6·4	−2·3	5	9·60	−4·60	2·12	4·21	— 2·09	18·36	18·73	— 0·37	0·97	Hassan.
						9	21	1	S 79° W	S 78° W	10·8	8·3	+2·5	93	+28	82	— 3	·581	−·035	8·8	+0·6	5	10·40	−5·40	1·87	5·49	− 3·62	13·69	16·87	— 3·18	0·87	Bangalore.
						22	9		S 58° W	S 72° W	11·1	12·5	—1·1	92	+ 4	84	+ 3	·633	—·003	7·8	−0·6	4	6·40	−2·40	1·64	3·53	— 1·89	22·04	14·01	+ 8·03	0·49	Mysore.
																																XIV.—Madras.
17	1	1	2	2		2	5	1	S 82° W	N 72° W	2·1*	2·5	−0·4	10	−15	90	− 2	·837	—·018	7·5	−1·0	24	24·40	−0·40	20·88	22·79	— 1·91	85·79	104·45	−18·66	3·38	Mangalore.
22		2		1			1	5	N 30° W	N 22° W	2·3*	7·7	−4·8	17	−23	91	0	·838	+·001	7·2	−0·1	14	18·80	−4·80	8·36	16·05	− 7·69	81·47	89·23	— 7·76	1·74	Calicut.
5	2	22	1					1	N 41° E	N 13° W	5·0*	5·8	−0·8	76	+29	81	− 5	·782	−·059	5·4	−1·7	13	18·60	−5·60	9·65	13·09	− 3·44	79·78	75·49	+ 4·29	1·68	Cochin.
	20							11	N 16° W	N 13° W	9·1*	8·1	+0·6	96	+13	81	− 5	·773	−·034	7·7	+0·4	5	9·30	−4·30	1·60	4·09	− 2·49	27·66	32·89	− 5·23	0·40	Trivandrum.
	1					1	16	13	N 70° W	N 75° W	12·3	8·7	+3·6	89	+ 9	53	− 6	·642	−·058	3·9	−1·6	0	1·00	−1·00	0	0·63	− 0·63	2·75	3·07	− 0·32	0	Tinnevelly.
11				4	4	3	9		S 43° W	S 43° W	6·9	10·0	−3·1	40	−25	76	0	·845		3·1		0	0·60	−0·60	0·92	0·92	− 0·90	0·15	2·16	—2·01	0·02	Pamban.
	3	1					12	15	N 57° W	N 41° W	6·9	3·2	+3·7	86	+ 7	63	− 3	·697	—·037	7·1	+1·8	3	6·20	−3·20	1·57	4·13	— 2·56	8·43	10·33	— 1·90	0·58	Madura.
1	2	1					2	25	N 44° W		11·3†			90		61		·696		6·3		2	8·10	−6·10	0·98	6·77	— 5·79	9·15	14·17	— 5·02	0·53	Pudukkottai.
						9	20	2	S 80° W	S 72° W	5·1*	6·1	−1·0	92	+ 9	73	+ 2	·809	+·013?	6·0	+0·3	4	5·70	−1·70	1·14	3·68	— 2·54	4·85	8·81	— 3·96	0·40	Negapatam.
						8	23		S 79° W	S 85° W	8·8	8·0	+0·8	99	+11	58	− 9	·666	−·060	4·5	−2·1	1	5·40	−4·40	0·39	4·28	— 3·89	4·36	10·27	— 5·91	0·39	Trichinopoly.
2			1	2	26				S 40° W	S 36° W	11·4	6·5	+4·9	86	+ 7	90	+ 6	·787	+·044	4·0	−1·8	0	3·00	−3·00	0·02	1·22	— 1·20	12·33	6·63	+ 5·70	0·02	Coimbatore.
1	1			4	7	17	1		S 72° W	S 37° W	5·8	4·0	+1·8	79	+ 7	76	− 3	·761	−·010	6·4	0	5	9·50	−4·50	2·15	7·25	— 5·10	9·76	19·15	— 9·39	1·05	Salem.
3				2	9	17			S 71° W	S 73° W	7·1*	2·3	+4·8	79	+ 7	67	—13	·753	—·127?	6·3	−0·4	3	8·00	−5·00	2·78	4·84	− 2·06	6·26	10·57	− 4·31	2·18	Cuddalore.
3		2		1	1	15	9		S 59° W		5·3*			65		65		·694		6·2		4	7·90	−3·90	2·06	7·77	− 5·71	10·34	18·49	− 8·15	0·56	Vellore.
1					4	14	12		S 57° W	S 66° W	6·8*	6·9	−0·1	86	+ 7	70	− 5	·809	—·017	5·8	−1·5	7	12·60	−5·60	2·16	4·94	— 2·78	3·94	12·01	— 8·07	0·79	Madras.
						1	20	10	N 77° W	N 82° W				96	+13	63	−10	·689	—·084	7·7	−0·1	5	8·00	−3·00	1·69	6·31	−4·62	11·58	14·85	— 3·27	0·50	Cuddapah.
						3	21	7	N 84° W	N 85° W	11·5	11·2	+0·3	92	+ 6	68	0	·638	−·010	7·3	−0·6	5	4·10	+0·90	2·38	2·36	+ 0·02	4·93	8·15	— 3·22	1·34	Bellary.
						14	11	6	S 77° W	N 85° W	14·3*			86	+21	79	+ 4	·704	—·011	7·3	−0·2	10	9·20	+0·80	3·53	5·56	— 2·03	13·31	14·57	— 1·26	0·74	Kurnool.
						2	18	11	N 76° W	N 68° W	10·4	9·5	+0·9	92	+17	62	−10	·733	—·083	7·9	+0·2	3	5·40	−2·40	1·44	3·48	— 2·04	3·47	8·18	— 4·71	0·52	Nellore.
	3					2	8	18	N 58° W	N 72° W	9·5	7·7	+1·8	86	+ 3	75	− 8	·790	—·101	7·8	0	9	9·80	−0·80	3·36	6·83	−3·47	17·35	18·68	— 1·33	1·00	Masulipatam.
1						12	17	1	S 74° W	S 74° W	6·2	7·7	−1·5	89	+10	86	+ 5	·909	+·059?	7·3	−0·3	2	9·70	−7·70	1·49	5·55	— 4·06	18·30	17·16	+ 1·14	1·04	Cocanada.
1		2				24	4		S 52° W	S 84° W	8·1			79	− 2	77	− 2	·825	—·036	9·2	+1·4	7	8·40	−1·40	3·11	5·58	— 2·47	11·89	16·48	—4·59	1·09	Waltair.
						16	9	6	S 74° W		5·9			84		83		·887		8·3		13			8·58	8·75	−0·17	14·13	20·15	−6·02	2·62	(Vizagapatam) Calingapatam.
6	2				10	10		3	S 35° W	S 63° W	8·9	10·9	−2·0	53	− 5	88	+ 3	·907	—·018	7·0	−0·5	12	10·60	+1·40	11·70	7·53	+4·17	18·82	22·60	−3·78	3·65	Gopalpur.

ations, the elevations of which exceed 3,000 feet. * Uncorrected for scale error. † Mean of 7 days.

Tab

(2) *Abstract of observations taken at 8 hrs. at 240 stati*

Number of subdivision.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	Bay Islands.																					
1	P. V. Fraser	8	29·605*		29·533*	29·728	25th	29·482	9th	·246	82·7											
	Port Blair	58	29·788	—·001	29·776	29·852	30th	29·723	5th	·129	80·6	85·2	—0·1	77·4	+0·2	81·3	+0·1	7·8	87·2	9th & 11th	74·0	13th, 14th & 24th,
	Slipper Island	90	29·702		29·726	29·797	30th	29·616	14th	·181	80·9	84·7		77·3		81·0		7·4	85·6	6 days	74·1	16th, 23rd & 24th.
	Kashmir.																					
14	Muzaffarabad	2,475						Observations not recorded.														
	Srinagar	5,204	24·684	—·023	24·655	24·866	29th	24·534	9th	·332	70·3	88·5	+4·6	64·1	+1·2	76·3	+2·9	24·4	93·1	1st	57·6	21st
	Gulmarg	*8,569*	21·777	—·018	21·745	21·931	25th	21·652	9th	·279	61·9	71·9	+3·5	50·4	—0·3	61·1	+1·6	21·5	79·2	1st	44·8	31st
	Sonamarg	*8,764*																				
	Dras	*10,059*	20·719	—·009	20·687	20·855	25th	20·615	9th	·240	63·5	81·0	+0·8	48·0	—0·5	64·5	+0·1	33·0	85·9	28th	40·0	21st
	Leh	11,503	19·649	—·015	19·617	19·794	23th	19·556	19th	·238	58·6	77·6	+0·2	49·1	—0·7	63·3	—0·3	28·5	82·9	29th	43·0	22nd
	Skardu	*7,505*	22·674	—·029	22·641	22·796	25th	22·573	8th	·223	71·4	91·1	+4·4	62·7	+1·8	76·9	+3·1	28·4	99·4	14th	52·1	20th
	Minimarg	*9,359*						Observations not received.														
	Astor	*7,955*						Ditto			ditto.											
	Gilgit	4,890	24·808		24·761	24·986	25th	24·682	9th	·304	83·1	100·5	+6·3	73·9	+1·8	87·2	+4·1	26·6	103·2	15th&28th	65·2	31st
	Baluchistan.																					
16	Quetta	5,502	24·465	—·014	24·425	24·596	25th	24·336	10th	·260	76·5	95·2	+4·7	59·7	—1·4	77·5	+1·7	35·5	100·1	16th	52·7	22nd
	Chaman	4,311	25·462	—·025	25·424	25·578	30th	25·335	10th	·243	85·7	99·9	+2·1	72·3	—0·3	86·1	+0·9	27·6	104·8	13th&15th	65·7	21st
	Robat		26·699		26·657	26·886	29th	26·499	10th	·387	85·7	106·3		77·2		91·7		29·1	115·0	14th&15th	70·8	19th
	Pasni		29·621 P		29·581 P	29·725	25th	29·439	10th	·286	79·9	85·7		77·8		81·8		7·9	83·5	18th&19th	75·0	12th
	Dalbandin	2,779	26·793§		29·355§	26·957	30th	26·662	9th	·295	89·8	109·7		73·1		91·4		36·6	115·8	16th	68·3	20th
	Hill Stations excluding Kashmir and Baluchistan.																					
	Chitral	*5,486*									77·0	95·5		66·6		81·1		28·9	100·2	14th	61·0	8th
	Para Chinar	6,000	24·300		24·276	24·464	25th	24·152	9th	·312	77·2	89·5		67·6		78·5		21·9	94·2	1st	61·1	30th
	Cherat	*4,256*	25·509	—·013	25·477	25·703	25th	25·325	9th	·378	79·0	92·9	+6·0	74·0	+3·8	83·5	+4·9	18·9	102·2	9th	64·4	31st
	Murree	6,333	23·726	—·017	23·694	23·901	25th	23·572	9th	·329	66·6	78·1	+3·7	62·9	+1·9	70·5	+2·8	15·2	85·6	17th	54·7	20th&31st
	Simla	7,232	23·006	+·004	22·968	23·159	25th	22·866	9th	·293	62·1	68·0	+0·9	60·4	+0·9	64·2	+0·9	7·6	73·1	8th	52·8	20th
	Sarain		23·034		22·996	23·218	29th	22·877	9th	·341	64·0	71·8		59·2		65·5		12·6	75·4	8th	53·0	31st
	Kalabagh		20·075		20·037	20·240	29th	19·954	9th	·286	50·4	55·2		46·9		51·1		8·3	60·4	23rd	40·5	20th
	Chakrata	7,022	23·171	—·007	23·131	23·325	29th	23·011	9th	·314	63·7	70·3	+1·5	0·2	+0·7	65·2	+1·1	10·1	75·7	10th	54·2	20th
	Mukteswar	7,592	22·725	—·031	22·684	22·883	25th	22·575	9th	·308	61·2	69·3	+0·1	56·8	—1·2	63·1	—0·5	12·5	74·5	11th	51·5	30th
	Darjiling	7,376	22·899	—·052	22·854	23·066	25th	22·792	8th	·274	61·5	66·5	+1·0	57·8	+0·6	62·2	+0·8	8·7	71·3	26th	52·2	31st
	Shillong	4,920	24·990		24·942	25·155	25th	24·891	8th	·264	68·7	75·2		64·0		69·6		11·2	78·4	9th	58·7	31st
	Cherrapunji	4,309	25·550		25·501	25·704	25th	25·462	9th	·242	66·9	72·0		64·9		68·4		7·1	77·2	28th	63·1	29th
	Maymyo	3,545	23·295	—·039	26·240	26·432	29th	26·226	19th	·206	68·8	71·3	—5·2 **	66·1	+0·8	68·7	—2·2	5·2	78·5	3rd	64·6	18th, 24th & 25th*
	Pachmarhi	3,528	26·267 ††	—·009 ††	26·214 ††	26·378	25th	26·185	9th	·193	67·9	74·4 **	—0·2 **	66·4	—0·7	70·4 **	—0·5	8·0	80·0	26th	64·1	15th
	Mount Abu	3,945	25·865	—·009	25·816	25·981	29th	25·735	9th	·246	65·5	75·3	+3·3	63·6	—0·6	69·4	+1·3	11·7	82·2	1st	61·4	22nd & 23rd.
	Mercara	3,781	26·201	+·020	26·134	26·247	12th	26·155	9th	·092	63·5	69·1	—0·6	61·2	—0·8	65·2	—0·7	7·9	73·0	26th	59·0	18th
	Ootacamund	*7,327*	23·021		22·957	23·063	12th	22·983	9th	·080	54·9	62·7		49·6		56·1		13·1	69·0	27th	44·2	2nd
	Kodaikanal	7,683	22·798	+·004	22·733	22·830	31st	22·768	10th	·062	56·7	64·7	+1·4	50·9	—1·5	57·8	—0·1	13·8	68·5	26th	47·5	15th

N.B.—Elevations in italics indicate barometrical determinations.

** Mean of 28 days.
†† „ „ 26 „

* Mean of 27 days.

§ Mean of 25 days.

NOTE.—The barometric readings are not reduced to sea-level, in the case

B—*continued.*

in India, etc., in August, 1911—continued.

Wind direction. Number of winds from: Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Resultant direction.	Normal direction.	Wind velocity. Mean velocity, miles per hour.	Normal.	Departure from normal.	Wind steadiness. Actual percentage.	Departure from normal.	Hygrometry, 8 hrs. Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs in inches of mercury.	Departure from normal in inches of mercury.	Cloud. Mean cloud amount at 8 hrs.	Departure from normal.	Rainfall. Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st May to 31st August, 1911.	Normal rainfall for period, 1st May to 1st August.	Departure from normal of period, 1st May to 31st August, 1911.	Heaviest rainfall during month.	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	54	55	56	57
																																Bay Islands.
1	2		4			4	18	2	S 36° W					61		85		·949		7·9		13			8·98			20·20			1·37	P.V.Fraser.
2						1	11	17	S 70° W	S 62° W	11·1	10·8	+0·3	86	+ 7	84	−5	·871	− ·049	8·3	−0·1	13			7·36	14·79	− 7·43	55·77	66·63	−10·86	1·51	Port Blair.
						5	23	3	S 42° W		22·8			92		87		·908		7·8		13			6·91	12·87	− 5·96	31·75	52·02	−20·27	1·18	Slipper Island.
																																Kashmir
																Observations not recorded																Muzaffarabad
11		2	2	9	2			5	S 61° E	S 48° E	2·7	3·6	−0·9	23	− 9	81	− 5	·602	− ·023	3·0	−1·6	4	4·70	−0·70	1·61	2·41	− 0·77	4·39	9·64	− 5·25	0·82	Srinagar.
12	1	3	10	3			1	1	N 83° E		5·1			43		75	− 5	·416		3·6		7			3·20	4·91	− 1·71	12·84†	12·96‡	− 0·12	0·67	Gulmarg.
																									3·98	3·38	+ 0·60	13·77	16·37	− 2·60	0·68	Sonamarg.
22	1					2	2	4	N 69° W		8·1			23		60	− 1	·352		2·1		0	1·40	−1·40	0·16	0·48	− 0·32	2·48	5·09	− 2·61	0·09	Dras.
28				1	2				S 15° E	N 85° W	3·6	1·8	+1·8	10	−50	52	− 7	·259	−·023	3·1	−1·1	0	1·70	−1·70	0·13	0·52	− 0·39	0·56	1·37	− 0·81	0·05	Leh.
20			4	2	3	2			S 35° E		9·9			23		39	−15	·288		2·0		1	1·10	−0·10	0·27	0·41	− 0·14	0·96	2·59	− 1·63	0·11	Skardu.
																Observations not recorded.																Minimarg.
																Ditto			ditto													Astor.
26			4				1		E		1·2			10		41	− 9	·467	− ·027	0·9	−3·3	0	1·80	−1·80	0·11	0·45	−0·34	0·76	2·38	−1·62	0·08	Gilgit.
																																Baluchistan
27			1	1	1			1	S 45° E	S 22° W	1·9	2·7	−0·8	3	− 3	46	−12	·418	−·061	0·4	−0·7	2	0·70	+1·30	0·51	0·45	+ 0·06	0·66	1·74	− 1·08	0·35	Quetta.
8				1	5	14	2	1	S 39° W	S 61° W	6·3	8·4	−2·1	62	+11	26	− 4	·315	−·054	0·1	−0·5	0	0	0	0	0·02	− 0·02	0·02	0·22	− 0·20	0	Chaman.
3	1	5	4	3	2	9	3	1	S 5° W		8·7			17		48		·577		0·2		0			0			0·08			0	Robat.
3			4	6	2	4	10	2	S 39° W		6·8			33		89		·910		0·7		0			0·05			0·05			0·05	Pasni.
	1	3	5	5	3	7	6	1	S 7° W		7·2‖			27		43		·615		0·3		0			0			0·08			0	Dalbandin.
																																Hill stations, excluding Kashmir and Baluchistan.
22	4				5				S		8·3			3		55		·506		0		0			0	0·32	− 0·32	0·88	3·27	− 2·39	0	Chitral.
29				1	1				S 24° E		3·3			7		55		·505		1·3		7	6·40	+0·60	4·65	2·83	+ 1·82	9·30	11.37	− 2·07	1·97	Para Chinar.
10	1	2		5	9	4			S 9° E	S 31° E	8·7	8·1	+0·6	43	+15	64	− 9	·615	+·027	2·6	−1·3	0			0·05	4·50	− 4·45	2·76	11·14	− 8·38	0·04	Cherat.
21	3	1		2	3			1	N 52° E	N 46° W	4·2	5·3	−1·1	3	−19	79	− 3	·513	−·001	5·5	+0·7	13	15·60	−2·60	12·92	14·12	− 1·20	20·28	32·24	−11·96	2·87	Murree.
																87	− 4	·487	−·019	8·4	+0·4	20	18·90	+1·10	14·61	18·16	− 3·55	24·60	44·70	−20·10	2·12	Simla.
27			1	1	1	1			S 27° E		0·5			6		81		·484		8·1		23			14·79	12·06	+ 2·73	25·96	30·85	− 4·89	3·26	Sarain.
5	5			1	1			19	N 37° W		13·7			63		94		·346		9·6		26			18·40	19·02	− 0·62	33·29	42·40¶	− 9·11	4·06	Kalabagh.
24	1			4	2				S 37° E	S 39° E	2·2	5·4	−3·2	17	+ 9	92	− 1	·542	+·011	8·6	+2·7	19	20·10	−1·10	14·27	19·98	− 5·71	28·82	50·45	−21·63	4·47	Chakrata.
13			21	2			14		S 83° W		7·3			37		95	+ 1	·512		9·2		20			12·03	12·67	− 0·64	21·28	34·14	−12·86	2·23	Mukteswar.
26		2				3			S 45° W	N 88° E	0·5	3·7	−3·2	3	−37	96	0	·529	+·015	9·2	+0·2	23	24·13	−1·13	26·69	26·60	+ 0·09	103·55	90·48	+16·07	4·95	Darjiling.
31									(a)		0·3					86		·601		7·6		16	18·50	−2·50	9·19	16·35	− 7·16	53·98	57·99	− 4·01	1·78	Shillong.
17		1	1	4	5	3			S 15° E		5·0			30		98		·645		9·4		28	25·70	+2·30	77·50	84·81	− 7·31	406·05	312·62	+93·43	10·09	Cherrapunji.
15						16			S 45° W		3·2			49		92	+ 3	·653		8·3		13	16·20	−3·20	8·00	8·29	− 0·29	34·32	32·18	+ 2·14	2·27	Maymyo.
1						14	4	12	S 86° W	S 87° W	11·8	9·3	+2·5	72	− 4	91	− 1	·621	−·030	9·4	+0·3	19	21·80	−2·80	20·69	21·78	− 1·09	45·29	55·64	−10·35	5·64	Pachmarhi.
1				1	4	19	6		S 46° W	S 59° W	13·6	11·2	+2·4	86	+ 8	95	− 1	·593	−·016	9·4	+0·7	9	17·20	−8·20	2·74	21·06	−18·32	8·81	49·99	−41·18	0·99	Mount Abu.
	1					4	17	9	N 80° W	N 76° W	6·7	8·3	−1·6	86	− 4	99	+ 4	·570	−·007	9·8	+1·2	25	26·70	−1·70	16·63	26·39	− 9·76	111·01	100·20	+10·81	2·78	Mercara.
2	1					1	17	10	N 73° W		7·1			86		79		·343		7·2		2	11·30	−9·30	0·96	6·67	− 5·71	34·86	29·63	+ 5·23	0·20	Ootacamund.
	1				2		16	12	N 73° W		14·7‖			82		63	−17	·290		4·1		6	11·30	−5·30	2·08	7·49	−5·41	24·67	22·22	+ 2·45	0·55	Kodaikanal.

(a) Indeterminate.

‖ Uncorrected for scale error.

† Rainfall since 8th May, 1911.
‡ Normal rainfall since June.
¶ " " " 1st June.

or plateau stations, the elevations of which exceed 3,200 feet.

Tal

(2) *Abstract of observations taken at 8 hrs. at 240 stati*

Number of subdivision.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	Extra India.																					
	Singapore (*a*)	10	29·930		29·861	29·972	25th	29·889	5th	·083	82·7	87·9		74·7		81·3		13·2	90·0	5th	72·2	14th
	Penang (*a*)	20	29·943		29·838	30·031	29th	29·882	24th	·149	81·7	88·6		73·6		81·1		15·0	91·0	17th	71·0	20th
	Trincomalee	99									77·6	95·3	+3·2	75·3	−1·7	85·3	+0·7	20·0	99·0	8th	72·5	26th
	Colombo	24	29·890	−·011	29·840	29·920	22nd	29·846	24th	·074	77·8	87·7	+2·1	76·7	−0·8	82·2	+0·7	11·0	90·0	18th	73·5	2nd & 24th.
	Minicoy	7	29·947			29·998	12th	29·913	10th	·085												
	Amini Divi	*13*	29·913	+·022	29·855	29·935	12th	29·865	10th	·100	81·8	87·7	+2·5	78·1	+0·7	82·9	+1·6	9·6	89·5	13th	73·5	22nd
	Gyantse	13,120	17·037		16·998	17·077	29th	17·010	10th	·067	51·4	69·2		40·4		54·8		28·8	76·5	22nd	31·0	16th
	Pharijong	14,400									48·7	55·7		35·0		45·3		20·7	69·5	6th	28·2	28th
	Gangtok	5,680?									66·2	73·2		61·3		67·3		11·9	78·8	5th	56·2	19th
	Gartok (*c*) ‡	14,240	17·490			17·675	17th	17·350	21th	·325	48·4	67·1		33·8		52·9		28·3	74·7	5th	31·1	21st
	Kashgar (*c*)	4,255	25·435			25·660	31st	25·240	15th	·420	77·1	91·5	+3·4	66·3	+1·0	78·9	+2·2	25·2	98·1	25th	58·6	20th
	Kabul								Observa	tions	not re	corded.										
	Meshed	3,104	26·702		26·680	26·919	29th	26·561	10th	·358	74·9	90·7		57·0	−3·4	73·9		33·7	96·6	5th	46·5	31st
	Jask	13	29·565	−·042	29·532	29·700	30th	29·347	10th	·353	83·4	92·3	−2·2	82·4	−1·6	87·3	−1·9	9·9	103·3	17th	79·3	22nd & 23rd.
	Muscat	20	29·563	−·030	29·531	29·688	30th	29·379	10th	·309	87·0	92·9	+5·0	81·8	+0·5	88·9	+2·7	8·1	107·8	18th	79·6	28th
	Bahrein	18	29·551		29·522	29·652	25th	29·437	10th	·215	91·1	95·9		85·5		90·7		10·4	102·5	10th	79·5	17th
	Bushire	14	29·519	−·025	29·494	29·625	25th	29·400	10th	·225	88·4	94·2	−2·8	83·7	−0·3	89·0	−1·5	10·5	99·8	10th	78·5	24th
	Busrah	25	29·511		29·505	29·628	25th	29·396	11th	·232	89·2	102·9		83·7		93·3		19·2	109·3	11th	79·5	13th
	Kerman										77·1	100·2		60·9		80·5		39·3	107·2	14 h	51·5	21st & 22nd.
	Ispahan (*b*)	*5,817*	24·212 ††			24·340	30th	24·100	12th & 13th.	·240	79·9 ††	97·4 ††	+1·9 ††	66·4 ††	+4·9 ††	81·9 ††	+3·4	31·0	102·4	12th	61·7	24th
	Tehran (*b*)	*4,002*	25·704			25·810	29th	25·620	27th	·190	76·2	93·9	−0·9	70·5	+2·6	82·2	+0·9	23·4	100·8	26th	65·5	29th
	Baghdad §	127	29·463	−·046	29·562	29·541	29th	29·360	23rd	·181	85·5	107·8‡	−0·6‡	77·9‡	−0·8‡	92·9‡	−0·7	29·9	113·2	1st	73·6	25th
	Beirut (*m*)	111			29·740						81·6	87·8		72·9		80·4		14·9	91·0	1st	70·5	10th
	Aden	94	29·655	+·005	29·680	29·730	29th	29·609	3rd	·121	86·4	93·0	+1·5	82·9	+3·3	87·9	+2·4	10·1	96·1	20th	78·4	1st
	Perim	201	29·536	−·004	29·668	29·612	29th	29·504	21st	·108	88·4	96·0	−0·1	84·7	+1·3	90·4	+0·6	11·3	100·3	19th	78·4	30th
	Zanzibar	72	30·081	−·003	30·080	30·143	29th	30·039	23rd	·104	73·9	80·1	−0·7	71·7	−1·0	75·9	−0·9	8·4	82·6	30th	70·5	3rd

N.B.—Elevations in italics indicate barometrical determinations.

NOTE.—The barometric readings are not reduced to sea-level, in the cases of hill or plateau stations, the elevations of which exceed 3,200 feet.

(*a*) 9 hrs. observations.
(*b*) Aneroid uncorrected.
(*c*) " corrected.
(*m*) 8½ hrs. observations.

‡ Mean of 27 days. †† Mean of 7 days.
§ " " 29 "

B—*concluded.*

in India, etc., in August, 1911—concluded.

Wind direction. Number of winds from Calm. (25)	N. (26)	N.E. (27)	E. (28)	S.E. (29)	S. (30)	S.W. (31)	W. (32)	N.W. (33)	Resultant direction. (34)	Normal direction. (35)	Wind velocity. Mean velocity, miles per hour. (36)	Normal. (37)	Departure from normal. (38)	Wind steadiness. Actual percentage. (39)	Departure from normal. (40)	Hygrometry, 8 hrs. Mean humidity at 8 hrs. (41)	Departure from normal. (42)	Mean vapour tension at 8 hrs. in inches of mercury (43)	Departure from normal in inches of mercury. (44)	Cloud. Mean cloud amount at 8 hrs. (45)	Departure from normal. (46)	Rainfall. Number of rainy days. (47)	Normal number of rainy days. (48)	Departure from normal. (49)	Rainfall of month. (50)	Normal rainfall of month. (51)	Departure from normal. (52)	Total rainfall from 1st May to 31st August, 1911. (53)	Normal rainfall for period, 1st May to 31st August. (54)	Departure from normal of period, 1st May to 31st August, 1911. (55)	Heaviest rainfall during month. (56)	S
																																Extra In
9				7	11	3	1		S 5° E		5·9*			59						6·2		14			9·25	7·47	+1·78	27·30	27·14	+0·16	1·97	Sing
	4	9	7	3	3			5	N 54° E		10·1*			49								14			7·96	11·33	−3·37	25·44	33·95	−8·51	2·03	Pena
						27	4		S 50° W	S 45° W	9·1*	14·0	−4·9	99	+2	71	− 4	·706	−·163	5·4	+2·5	3			0·83	4·45	−3·62	9·89	10·11	−0·22	0·49	Trinc
3				1	7	15	5		S 84° W	S 61° W	5·8*	9·2	−3·4	76	−12	86	+ 9	·820	−·026	7·4	+1·3	3			1·35	3·61	−2·26	19·83	26·98	−7·15	0·68	Colon
					3	23	5		N 88° W	N 79° W	8·1	14·9	−6·8	94	+4					4·1	−1·1	6			2·37	7·46	−5·09	32·87	31·66	+1·21	1·40	Minic
	1				5	2	23		N 58° W		14·1			84		76	− 7	·826	−·073	5·1	−1·6	9			5·67	6·86	−1·19	32·97	35·50	−2·53	1·98	Amin
20		4	6	1					S 58° E		2·0			29		71		·267		2·7		11			4·03			7·38			0·67	Gyan
20	1	1	1	4	1	3			S 27° W		9·7			16		74		·254		7·3		16			5·31			13·76			0·65	Phari
28		1	1		1				S 45° E		1·0			3		92‖		·594‖		5·5		29			27·62	22·69	+4·93	91·99	87·66	+4·33	3·66	Gang
23			2	2					S 18° E		8·5¶			11						3·3		0			0·31			0·66			0·09	Garto
27						1		3	N 72° W	N 48° W	1·2	4·3	−3·1	10	+3	44	− 9	·407	−·025	1·4	−3·4	0			0·15	0·64	−0·49	0·65	1·93	−1·28	0·08	Kash
																	Observations not recorded.															Kabu
21	2	1	2	1	2	1	1		S 63° E		2·0			6		37		·317		0	?	0			0	0·03	−0·03	2·40	1·82	+0·58	0	Mesh
		26	3				1	1	S 87° E	S 74° E	13·4	14·4	−1·0	85	+9	80	+ 5	·909	−·112	3·8	+1·7	0			0	0	0	0	0·06	−0·06	0	Jask.
3	2	1	17				2	6	N 59° E	S 75° E	6·3	4·4	+1·9	43	−17	76	− 6	·956	−·046	6·6	+4·4	0			0	0	0	0	0·17	−0·17	0	Musc
	4		2			2	10	13	N 58° W		4·7§			71		61		·889		0·9		0			0	0	0	0	0·10	−0·10	0	Bahre
8		2	2	3		2	6	8	N 64° W	N 59° E	9·7	7·2	+2·5	23	+1	78	+11	1·043	+·054	1·8		0			0	0·01	−0·01	0	0·03	−0·03	0	Bush
					3	11	17		N 68° W		5·4			87		48		·665		0·1		0			0	0	0	0	0·46	−0·46	0	Busr
	11	4	4	1	3	3	1	4	N 10° E		5·0			36		28		·263		0·3		0			0·01			0·36			0·01	Kerm
25						1	1	4	N 68° W	N 34° W	3·3	3·3	0	16	−3	41	− 8	·424	−·037	0·6	0	0			0	0·01	−0·01	0·05	0·30	−0·25	0	Ispah
13		2	2	2	6	5	1		N 2° W	S 14° W	2·3	2·2	+0·1	28	+17	†† 43	+11	†† ·382	+·023	1·6	+1·6	1			0·11	0·05	+0·06	0·97	0·80	+0·17	0·11	Tehra
3	7	2					2	15	N 30° W	N 4° W	10·3‡	3·9	+6·4	76	+15	39	− 6	·476	−·138	0·3	+0·1	0			0	0·05	−0·05	0·21	0·28	−0·07	0	Baghd
1						28	2		S 48° W					97		66		·714		0·9		0			0			1·30			0	Beirut
19		1	1	1	4	5			S 8° W	S 12° W	5·8	10·7	−4·9	23	−31	73	+ 1	·908	+·070	5·1	+1·4	1			0·34	0·13	+0·21	0·34	0·36	−0·02	0·32	Aden,
1	9	2	6	1	1	1	2	8	N 2° W	W	9·5	13·8	−4·3	45	+3	69	+ 3	·929	+·040	8·2	−1·5	1			0·12	0·39	−0·27	0·49	0·80	−0·31	0·12	Perim
1				3	15	12			S 13° W	S 1° W	6·4	6·9	−0·5	87	+1	85	0	·703	−·025	6·3	+0·1	5			1·76	1·72	+0·04	23·04	17·71	+5·33	1·02	Zanzi

¶ Mean of 26 days. * Uncorrected for scale error. ‖ Mean of 20 days.

Table C.—Abstract of observations taken at 8 hrs. at 40 fourth class stations in India, etc., in August, 1911.

Tab

Abstract of observations taken at 8 h

Number of subdivision.	Station.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range during month.	Wind direction. Number of winds from: Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	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	24	25
	II.—Eastern Bengal and Assam.																							
4	Bishnath	80·3	90·5	...	65·0	...	77·7	...	25·5	94·5	22nd	41·3	25th	53·2	...	...	...	..		...	...	...	...	...
	Borjuli	80·4	91·1	...	75·5	...	83·3	...	15·6	95·7	22nd	71·4	29th	24·3	...	...	...	...	...		...	...	...	...
	Chandkhira	79·7	90·7	...	75·7	...	83·2	...	15·0	95·4	27th	74·4	21st	21·0	..	...	...	...	...	...	.	...	...	...
	Doom Dooma	73·7	89·4	...	75·5	...	82·5	...	13·9	96·3	29th	71·2	30th	25·1	...	...	...	...	...	...	...	...	...	...
	Dikom	79·2	88·9	...	76·2	...	82·5	...	12·7	95·4	29th	74·4	24th	21·0	...	...	...	...	...	...	...	...	...	...
	Golaghat	80·3	80·9	...	76·4	...	78·7	...	4·5	85·7	27th	72·2	29th	13·5	...	...	...	...	...	...	...	...	...	...
	Hailakandi	..	...	...	...	...	...	Observations			not received.		...	...	...	...	...	...	...	...		...	..	...
	Jorehat	80·9	89·6	...	76·1	...	82·9	...	13·5	94·4	29th	72·6	29th	21·8	...	...	...	...	...	...	...	..	...	...
	Messa	83·0	94·3	...	75·3	...	84·8	...	19·0	97·8	2nd & 28th	71·8	30th	26·0	...	...	...	...	...	...	...	...	...	...
	Panerihat	77·9	89·9	...	74·7	..	82·3	...	15·2	92·8	26th	71·0	27th	21·8	...	...	...	...	...	...	...	...	...	...
	Sumangal	80·8	91·0	...	76·2	...	83·6	...	14·8	94·1	28th	74·6	22nd & 25th.	19·5	...	...	...	...	...	...	...	...	...	...
5	Brahmanbaria	83·3	88·7	...	77·6	...	83·1	...	11·1	94·0	27th	73·1	1st	20·9	...	...	...	...	...	...	...	...	...	...
	Dam Dim	80·1	91·2	...	75·4	...	83·3	...	15·8	94·9	26th	72·0	27th	22·9	...	...	...	...	...	...	...	...	...	...
	Goalundo	83·6	88·9	...	78·4	...	83·7	...	10·5	95·0	27th	73·1	28th	21·9	...	...	...	...	...	...	...	...	...	...
	Kalchini	82·9	90·1	...	73·9	...	82·0	...	16·2	99·6	15th	71·9	2nd	27·7	...	...	...	...	...	...	...	...	...	...
	Nagrakata	80·4	89·2	...	75·1	...	82·1	...	14·1	92·1	6 days	72·0	1st	20·1	...	...	...	...	...	...	...	...	...	...
	Pabna	82·7	89·4	...	72·7	...	81·1	...	16·7	95·0	28th	67·2	21st	27·8	...	...	...	...	...	...	...	...	...	...
	IV.—United Provinces of Agra and Oudh.																							
10	Balia	81·8	88·4	...	78·2	...	83·3	...	10·2	94·8	1st	75·4	1st	19·4	...	...	...	...	...	...		...	...	...
	XI.—Central Provinces.																							
24	Chhindwara	73·3	81·1	...	70·2	...	75·7	...	10·9	87·6	26th	64·9	24th	22·7	...	2		...	...	1	4	16	8	N 81° W
	XIV.—Madras.																							
33	Anantapur	78·1	91·8	...	73·4	...	82·6	...	18·4	98·0	3rd	71·1	5th & 6th	26·9	...	...	...	...	...	...	...	...	...	...
34	Guntur	82·7	93·2	...	77·8	...	85·5	...	15·4	100·2	21st	72·0	1st	28·2	...	...	...	...	...	...	...	...	...	...
	Bay Islands.																							
1	Car Nicobar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kashmir.																							
14	Jammu	86·2	97·2	..	80·6	...	88·9	...	16·6	104·9	9th, 10th & 11th.	70·8	20th	34·1	...	17	2	3	1	5	3	...	...	N 15° E
	Kargil	70·9	89·2	...	61·6	...	75·4	...	27·6	96·1	28th	54·7	21st	41·4	...	7	4	12	...	...	...	...	8	N 31° E

C.

at 40 fourth-class stations in India, etc., in August, 1911.

Wind velocity.			Wind steadiness.		Hygrometry, 8 hrs.				Cloud.		Rainfall.									Heaviest rainfall during month.	Station.
Mean velocity, miles per hour.	Normal.	Departure from normal.	Actual percentage.	Departure from normal.	Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs. in inches of mercury.	Departure from normal in inches of mercury.	Mean cloud amount at 8 hrs.	Departure from normal.	Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st May to 31st August, 1911.	Normal rainfall for period, 1st May to 31st August.	Departure from normal of period, 1st May to 31st August, 1911.		
27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
																					II.—Eastern Bengal and Assam.
...	...	...	...	...	97	...	1·008	...	...	...	21	...	...	17·45	19·65	−2·20	72·87	59·43	+13·44	3·16	Bishnath.
...	...	...	...	...	91	...	·944	...	...	...	20	...	...	13·91	13·71	+0·20	73·46	54·67	+18·79	1·72	Borjuli.
...	...	...	...	...	92	...	·929	...	...	...	24	...	...	13·63	13·85	−0·22	82·51	68·74	+13·77	1·43	Chandkhira.
...	...	...	...	...	96	...	·884	...	...	...	19	...	...	13·50	15·45	−1·95	68·48	61·50	+6·98	1·57	Doom Dooma.
...	...	...	...	...	93	...	·925	...	...	...	22	...	...	13·21	18·28	−5·07	65·09	65·38	−0·29	2·81	Dikom.
...	...	...	...	...	90	...	·93[illegible]	...	...	...	17	...	...	12·10	12·56	−0·46	47·72	43·48	+4·24	1·93	Golaghat.
...	...	...	...	...	...	...	Observations not received.				...	...	...	...	...	...	...	...	...	...	Hailakandi.
...	...	...	...	...	88	...	·924	...	...	...	20	...	...	20·06	16·83	+3·23	66·68	50·00	+16·68	3·85	Jorehat.
...	...	...	...	...	90	...	1·020	...	...	...	21	...	...	26·84	18·51	+8·33	74·88	60·99	+13·89	6·92	Messa.
...	...	...	...	...	93	...	·883	...	...	...	15	...	...	8·20	11·17	−2·97	77·95	50·32	+27·63	1·60	Panerihat.
...	...	...	...	...	87	...	·913	...	...	...	22	...	...	12·97	12·84	+0·13	82·00	58·52	+23·48	2·32	Srimangal.
...	...	...	...	...	81	...	·918	...	...	...	17	...	...	7·52	14·10	−6·58	74·99	51·95	+23·04	1·30	Brahmanbaria.
...	...	...	...	...	93	...	·958	...	...	...	20	...	...	25·87	35·03	−9·16	126·48	119·14	+7·34	7·22	Dam Dim.
...	...	...	...	...	84	...	·970	...	...	...	13	...	...	10·87	10·58	+0·29	43·98	41·85	+2·13	3·52	Goalundo.
...	...	...	...	...	83	...	·951	...	...	...	23	...	...	24·87	37·92	−13·05	130·96	117·59	+13·37	7·32	Kalchini.
...	...	...	...	...	89	...	·914	...	...	...	24	...	...	23·24	34·96	−11·72	131·14	120·93	+10·21	3·13	Nagrakata.
...	...	...	...	...	89	...	·994	...	...	...	17	...	...	7·21	8·69	−1·48	49·56	39·99	+9·57	1·15	Pabna.
																					IV.—United Provinces of Agra and Oudh.
...	...	...	...	...	90	...	·975	...	...	...	...	...	...	No rain gauge.			...	...	...	...	Balia.
																					XI.—Central Provinces.
6·3	...	...	81	...	84	...	·692	...	7·5	...	13	...	...	11·40	...	...	19·63	...	...	3·56	Chhindwara.
																					XIV.—Madras.
...	...	...	...	...	76	...	·724	...	8·7	...	3	...	...	1·02	...	...	6·86	...	...	0·38	Anantapur.
...	...	...	...	...	78	...	·865	...	8·5	...	5	...	...	1·14	...	...	15·39	...	...	0·40	Guntur.
																					Bay Islands.
...	...	...	...	...	...	...	...	...	...	...	10	...	...	6·73	11·06	−4·33	35·19	43·95	−7·76	2·94	Car Nicobar.
																					Kashmir.
...	...	...	36	...	65	...	·797	...	5·1	...	9	...	...	8·91	...	...	12·11	...	...	3·22	Jammu.
...	...	...	58	...	37	...	·280	...	3·1	...	0	...	...	0·09	...	...	0·78	...	...	0·09	Kargil.

T

Abstract of observations taken at 8

Number of subdivision.	Station.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month	Date.	Absolute range during month.	Wind direction. Number of winds from: Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	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	24	25
	Hill Stations, exclusive of Kashmir.																							
	Fanighatta	79·4	87·8	...	74·1	...	80·9	...	13·7	91·9	26th	72·2	1st, 29th & 31st.	19·7	...	...	...	...	...	...	...	...	...	...
	Kurseong	67·5	72·0	...	64·7	...	68·3	...	7·3	75·3	29th	61·9	31st	13·4	...	...	...	...	...	...	...	...	...	...
	Gnatong	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lachung	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...
	Ringim	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Poo *	...	80·3	...	60·0	...	70·2	...	20·3	85·1	28th	54·6	31st	30·5	10	...	...	...	2	1	1	10	...	S 72° V
	Kailang	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bakloh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Drosh	82·0	99·0	...	75·4	...	87·2	...	23·6	103·2	15th & 29th.	69·1	30th & 31st.	34·1	5	1	...	8	...	5	1	10	1	S 37° I
	Pishin	...	96·6	...	62·4	...	79·5	...	34·2	101·4	15th & 16th.	56·1	22nd	45·3	...	...	...	...	...	...	...	...	...	...
	Kalat §	77·4	95·6	+4·3	56·2	+6·2	75·9	+5·3	39·4	98·5	16th	51·9	4th	46·6	...	5	...	1	...	10	...	1	...	S
	Extra India.																							
	Ahwaz	...	109·7	...	84·5	...	97·1	...	25·2	115·2	2nd	80·0	16th & 31st.	35·2	...	...	...	...	...	...	...	...	...	...
	Birjand	...	...	...	...	...	...	...	Observations not received.				...	...	...	...	...	...	...	...	...	...	...	...
	Chumbi	57·0	65·6	...	51·6	...	58·6	...	14·0	71·6	5th	45·2	30th	26·4	...	...	...	...	...	...	...	...	...	...
	Kirmanshah	78·2	95·7	...	58·0	...	76·9	...	37·7	103·4	2nd	50·0	17th	53·4	...	...	...	...	...	...	...	...	...	...
	Koweit	...	104·8	...	85·4	...	95·1	...	19·4	114·9	29th	80·4	13th	34·5	1	4	...	...	...	...	5	14	7	N 78°
	Maidan	...	113·4	...	83·5	...	98·4	...	29·9	119·7	1st	79·4	27th	40·3	...	...	...	...	...	...	...	...	...	...
	Muhammerah	...	103·6	...	82·3	...	92·9	...	21·3	110·2	8th	76·7	12th	33·5	...	7	...	...	...	...	...	...	22	N 35°
	Pemba	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Prison Island	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

* Observations of 24 days.

§ Observations of 17 days.

C—*concluded.*

at 40 fourth-class stations in India, etc., in August, 1911—concluded.

Wind velocity.			Wind steadiness.		Hygrometry, 8 hrs.				Cloud.		Rainfall.									Heaviest rainfall during month.	Station.
Mean velocity, miles per hour.	Normal.	Departure from normal.	Actual percentage.	Departure from normal.	Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs. in inches of mercury.	Departure from normal in inches of mercury.	Mean cloud amount at 8 hrs.	Departure from normal.	Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st May to 31st August, 1911.	Normal rainfall for period, 1st May to 31st August.	Departure from normal of period, 1st May to 31st August, 1911.		
27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
																					Hill Stations, exclusive of Kashmir.
...	...	...	...	...	84	...	·841	...	...	...	24	...	...	25·54	32·39	−6·85	107·41	103·17	+4·24	3·77	Panighatta.
...	...	...	...	...	95	...	·641	...	...	...	30	...	...	28·56	33·96	−5·40	134·94	115·81	+19·13	3·59	Kurseong.
...	...	...	...	...	...	...	...	...	...	...	29	...	...	45·30	...	...	136·76	...	...	3·96	Gnatong.
...	...	...	...	...	...	...	...	...	...	...	27	...	...	11·97	...	...	37·65	...	...	0·86	Lachung.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	Rainfall observations not received.						...	Ringim.
...	...	...	38	...	...	...	...	...	5·3	...	0	...	...	0·13	0·74	−0·61	0·88	2·78	−1·90	0·08	Poo.†
...	...	...	...	...	...	...	...	...	...	...	3	...	...	1·55	1·47	+0·08	3·66	6·58	−2·92	0·90	Kailang.
...	...	...	...	...	...	...	...	...	...	...	16	...	...	10·65	...	...	22·39‡	...	...	2·34	Bakloh.
...	...	...	16	...	47	...	·502	...	4·5	...	0	...	...	0	0·85	−0·85	2·29	4·43	−2·14	0	Drosh.
...	...	...	...	...	...	...	...	...	0·2	...	0	0·20	−0·20	0	0·13	−0·13	0·02	0·43	−0·41	0	Pishin.
...	...	...	3	...	47	...	·441	...	...	...	0	0·50	−0·50	0	0·31	−0·31	0·15	1·65	−1·50	0	Kalat.
																					Extra India.
...	...	...	...	...	...	...	...	...	0·5	...	0	...	...	0	...	...	0·03	...	...	0	Ahwaz.
									Observations not received.												Birjand.
6·8	...	...	...	...	86	...	·402	...	6·1	...	17	...	...	7·82	...	...	25·39	...	...	1·20	Chumbi.
...	...	...	...	...	30	...	·287	...	...	...	0	...	...	0	...	...	0·81	...	...	0	Kirmanshah.
...	...	...	74	...	...	...	...	...	0·3	...	0	...	...	0	...	...	0·05	...	...	0	Koweit.
...	...	...	...	...	...	...	...	...	...	...	0	...	...	0	...	...	0·15	...	...	0	Maidan.
...	...	...	90	...	...	...	...	...	0	...	0	...	...	0	...	...	0·10	...	...	0	Muhammerah. ‖
...	...	...	...	...	...	...	...	...	...	...	4	...	...	1·08	1·73	−0·65	33·76	28·95	+4·81	0·46	Pemba.
...	...	...	...	...	...	...	...	...	...	...				No rainfall observations.							Prison Island.

† Wind observations less 7. ‖ Variable 2. ‡ Total rainfall since 1st June, 1911.

B—*continued.*

in India, etc., in September, 1911—continued.

Wind direction. Number of winds from Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Resultant direction.	Normal direction.	Wind velocity. Mean velocity, miles per hour.	Normal.	Departure from normal.	Wind steadiness. Actual percentage.	Departure from normal.	Hygrometry, 8 hrs. Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs. in inches of mercury.	Departure from normal in inches of mercury.	Cloud. Mean cloud amount at 8 hrs.	Departure from normal.	Rainfall. Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st May to 30th Sept., 1911.	Normal rainfall for period, 1st May to 30th Sept.	Departure from normal of period, 1st May to 30th Sept., 1911.	Heaviest rainfall during month.	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	54	55	56	57
																																XII.—Hyderabad *contd.*
1	1					9	3	16	N 74° W		7·5			73		83		·688		6·1		8	11·90	− 3·90	3·01	9·75	− 6·74	20·24	30·87	−10·63	0·92	Bidar.
	2					6	7	15	N 69° W	N 54° W	8·4	10·8	−2·4	76	+18	71	− 9	·642	−·069	3·1	−3·7	8	11·20	− 3·20	5·11	8·56	− 3·45	21·25	27·54	− 6·29	2·03	Gulbarga.
						6	13	11	N 82° W	S 89° W	11·2	9·7	+1·5	82	+13	73	− 7	·699	−·026	5·5	−1·2	7	9·80	− 2·80	3·60	7·62	− 4·02	17·62	23·06	− 5·44	1·98	Raichur.
10							18	2	N 86° W	N 83° W	4·9	5·6	−0·7	62	− 5	73	·10	·665	−·069	5·1	−1·4	3			1·50	6·92	− 5·42	18·67	24·88	− 6·21	0·53	Hyderabad (Deccan).
2	2			2	1	1	10	12	N 68° W		7·7			62		68	− 8	·735		5·8		6	10·30	− 4·30	3·73	7·28	− 3·55	19·23	30·11	−10·88	1·22	Hanamkonda.
																																XIII.—Mysore.
						5	16	9	N 84° W	S 80° W	8·6	8·8	−0·2	86	0	81	− 1	·639	−·004	7·5	−0·6	6	6·90	− 0·90	3·13	4·09	− 0·96	11·42	16·93	− 5·51	1·91	Chitaldrug.
2						5	13	10	N 83° W	N 79° W	8·7	3·5	+5·2	80	+ 4	83	+ 1	·599	−·006	5·3	−2·9	7	7·40	− 0·40	2·66	3·95	− 1·29	21·02	22·68	− 1·66	0·93	Hassan.
						2	22	6	N 84° W	S 82° W	8·5	7·0	+1·5	92	+11	79	− 7	·598	−·034	6·9	−1·0	3	9·60	− 6·60	0·78	6·76	− 5·98	14·47	23·63	− 9·16	0·40	Bangalore.
3					1	13	11	2	S 68° W	S 74° W	9·0	10·0	−1·0	76	+ 5	80	− 3	·629	−·006	6·7	−0·8	5	7·70	− 2·70	1·56	4·59	− 3·03	23·60	18·60	+ 5·00	0·50	Mysore.
																																XIV.—Madras.
18	2	5	4	1					N 60° E	N 52° E	2·2*	2·2	0	30	+19	6	− 4	·838	−·007	6·0	−1·6	12	16·90	− 4·90	5·09	10·77	− 5·68	90·88	115·22	−24·34	1·34	Mangalore.
13	1				1		8	7	N 68° W	N 30° W	4·2	7·1	−2·9	46	+13	70	+ 2	·859	+·027	4·7	−1·6	1	12·20	−11·20	0·27	7·21	− 6·94	81·74	96·44	−14·70	0·17	Calicut.
3	4	15	1					7	N 19° E	N 5° E	6·5*	5·1	+1·4	69	+28	79	− 7	·800	−·045	4·8	−1·2	7	14·20	− 7·20	2·89	8·71	− 5·82	82·67	84·20	− 1·53	0·94	Cochin.
1	17							12	N 18° W	N 16° W	7·2*	8·1	−0·9	89	+ 8	80	− 4	·779	−·024	5·8	−1·0	3	7·10	− 4·10	1·86	3·83	− 1·97	29·52	36·72	− 7·20	1·39	Trivandrum.
	2			2		6	11	9	N 85° W	N 74° W	8·5†	7·5	+1·0	69	− 6	50	−10	·616	−·101	3·6	−1·8	0	2·00	− 2·00	0·15	1·24	− 1·09	2·90	4·31	− 1·41	0·08	Tinnevelly.
10	1		1	1	6	5	4	2	S 43° W	S 42° W	7·1	9·7	−2·6	33	−19	80	+ 3	·878		2·9		1	2·20	− 1·20	0·10	1·20	− 1·10	0·25	3·36	− 3·11	0·10	Pamban.
	3	1		1			11	14	N 57° W	N 29° W	5·7	2·9	+2·8	76	− 1	68	0	·732	−·005	6·7	+1·5	6	6·10	− 0·10	7·72	5·29	+ 2·43	16·15	15·62	+ 0·53	4·50	Madura.
3	4					2	3	18	N 49° W		9·0			77		71		·754		6·4		8			9·94	3·83	+ 6·11	19·09	18·00	+ 1·09	3·43	Pudukkottai.
4						7	10	9	N 86° W	S 72° W	4·8	5·5	−0·7	69	− 5	78	+ 3	·830	+·010	6·2	+0·5	8	5·60	+ 2·40	4·48	3·70	+ 0·78	9·33	12·51	− 3·18	1·28	Negapatam.
	1					5	24		S 85° W	N 87° W	5·6*	6·4	−0·8	89	−19	70	− 2	·744	−·006	5·1	−0·9	8	5·90	+ 2·10	7·99	4·38	+ 3·61	12·35	14·65	− 2·30	3·25	Trichinopoly
4					8	18			S 32° W	S 33° W	9·0	5·5	+3·5	79	+ 5	87	+ 3	·786	+·038	4·7	−0·6	4	3·20	+ 0·80	0·97	1·42	− 0·45	13·30	8·05	+ 5·25	0·30	Coimbatore.
8	1					4	15	2	S 89° W	S 43° W	4·1	3·4	+0·7	64	+ 4	75	− 5	·733	−·038	6·5	+0·6	10	8·70	+ 1·30	4·10	6·54	− 2·44	13·86	25·69	−11·83	1·22	Salem.
3	1				3	11	12		S 64° W	S 84° W	7·3	2·6	+4·7	72	+ 2	76	− 6	·803	−·077?	6·0	0	7	6·30	+ 0·40	7·98	6·28	+ 1·70	14·24	16·85	− 2·61	5·34	Cuddalore.
4				1		7	16	2	S 80° W		3·0			73		72		·739		5·9		8	8·60	− 0·60	5·53	7·87	− 2·34	15·87	26·36	−10·49	2·40	Vellore.
2				1	4	12	11		S 55° W	S 68° W	6·1*	6·0	+0·1	76	+ 6	80	+ 2	·883	+·041	6·0	−0·7	7	10·70	− 3·70	7·62	5·14	+ 2·48	11·56	17·15	− 5·59	3·2	Madras.
	1			1		3	13	12	N 73° W	N 84° W				79	+ 1	71	− 3	·753	+·031	7·6	+0·4	9	8·30	+ 0·70	4·27	6·32	− 2·05	15·85	21·17	− 5·32	1·40	Cuddapah.
3						2	17	8	N 80° W	N 79° W	9·5	9·2	+0·3	79	+ 1	69	− 1	·647	−·005	5·5	−1·9	5	6·90	− 1·90	3·40	4·54	− 1·14	8·33	12·69	− 4·36	1·66	Bellary.
	2				1	4	6	17	N 64° W	N 88° W	10·7*			76	+28	75	− 3	·698	−·036	5·2	−1·7	7	9·20	− 2·20	2·46	6·41	− 3·95	15·77	20·98	− 5·21	0·60	Kurnool.
	1				2	8	14	5	S 83° W	N 68° W	7·7*	6·7	+1·0	76	+17	69	− 7	·779	−·070	5·9	−1·3	8	5·60	+2·40	7·71	4·55	+ 3·16	11·18	12·73	− 1·55	2·93	Nellore.
3	1		1		1	5	10	9	N 82° W	N 68° W	7·0	5·8	+1·2	62	+ 3	76	− 8	·860	−·047	5·0	−2·0	10	9·40	+0·60	5·60	5·80	− 0·20	22·95	24·48	− 1·53	1·90	Masulipatam.
7		1			11	9	2		S 72° W	N 87° W	5·1	6·4	−1·3	59	− 6	81	+ 1	·919	+·059?	5·9	−1·5	4	9·00	− 5·00	1·98	5·98	− 4·00	20·28	23·14	− 2·86	0·83	Cocanada.
1		1	1		2	19	6		S 50° W	N 86° W	7·2			76	+ 9	77	− 4	·854	−·028	6·8	−0·5	10	8·80	+ 1·20	3·57	7·15	− 3·58	15·46	23·63	− 8·17	1·34	Waltair (Vizag.).
	5			2	3	6	7	7	N 86° W		5·9			50		85		·945		5·7		8			14·96	4·57	+10·39	29·09	24·72	+4·37	12·23	Calingapatam.
6	5	1		1	6	5	2	4	S 76° W	N 61° W	12·2	9·3	+2·9	23	−18	86	+ 1	·937	+·008	6·5	−0·1	5	9·90	−4·90	5·74	7·53	−1·79	24·56	30·13	− 5·57	3·11	Gopalpur.

* Uncorrected for scale error. † Mean of 26 days.

Tabl

(2) *Abstract of observations taken at 8 hrs. at 242 statio*

Number of subdivision.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	2
	Bay Islands.																						
1	P. V. Fraser	8	29·750		29·676	29·880	27th	29·580	10th	·300	83·2												
	Port Blair	58	29·799	—·023	29·787	29·900	5th	29·676	21st	·224	79·7	84·1	—1·0	76·0	—0·5	80·0	—0·7	8·1	87·2	3rd & 25th	73·5	8th	13
	Slipper Island	90	29·733		29·758	29·849	5th	29·585	22nd	·264	79·8	84·5		76·9		80·7		7·6	87·1	14th, 16th & 17th.	73·1	10th	19
	Kashmir.																						
14	Muzaffarabad	2,475							Observations not received.														
	Srinagar	5,204	24·824	—·022	24·795	24·952	27th	24·647	9th	·305	61·6	80·9	+1·5	56·4	+3·4	68·7	+2·5	24·5	88·1	10th	45·1	30th	4
	Gulmarg	*8,569*	21·873	—·011	21·841	21·972	27th	21·742	9th	·230	55·2	64·9	+1·8	44·1	+1·4	54·5	+1·6	20·8	72·7	9th	35·3	27th	3
	Sonamarg	*8,764*																					
	Dras	*10,059*	20·808	—·009	20·776	20·925	27th	20·690	9th	·235	52·2	69·9	—1·1	40·7	+1·1	55·3	0	29·2	77·9	3rd	31·0	23rd	4
	Leh	11,503	19·737	+·007	19·705	19·835	27th	19·620	9th	·215	52·9	71·8	+1·5	43·6	+2·1	57·7	+1·8	28·2	80·4	10th	36·5	25th	4
	Skardu	*7,505*	22·821	—·028	22·791	22·976	27th	22·634	9th	·342	62·1	83·7§	+3·5§	51·5	+0·7	70·5§	+2·1	29·2	92·4	10th & 11th.	46·6	21st & 25th.	4
	Gilgit	4,890	24·996		24·969	25·172	23rd	24·801	9th	·371	73·2	91·9	+6·2	65·7	+1·2	78·8	+3·2	26·2	101·2	11th	58·2	28th & 30th.	4
	Baluchistan.																						
16	Quetta	5,502	24·595	—·008	24·555	24·714	27th	24·453	9th	·261	69·2	88·7	+1·3	52·7	+3·2	70·7	+3·3	36·0	94·1	11th	45·2	20th, 21st & 27th.	4
	Chaman	4,311	25·618	—·030	25·580	25·754	27th	25·462	9th	·292	78·2	92·3	+·07	63·9	—0·9	78·1	—0·1	28·4	98·8	11th & 12th.	57·2	16th & 27th.	4
	Kalat‖	6,630	27·867¶		27·829¶	27·954	30th	27·787	18th	·167	62·4	81·2		54·3		67·8		26·9	90·0	14th	50·9	27th	3
	Dalbandin	2,779	26·987		25·621	27·099	16th	26·777	9th	·322	81·2	102·0		65·1		83·6		36·9	108·3	8th	58·3	21st	
	Pasni		29·766		29·726	29·854	27th	29·650	9th	·214	73·2	88·5		75·1		80·8		11·4	90·5	30th	71·0	23rd & 30th.	
	Panjgur ‖		26·665		26·623	26·740	27th	26·621	22nd	·119	67·1	91·2		63·6		78·9		30·6	99·8	17th	49·0	22nd	
	Robat		26·904		26·862	27·017	16th	26·742	9th	·275	72·8	100·0		68·7		84·3		31·3	113·0	11th	62·8	17th	
	Hill Stations excluding Kashmir and Baluchistan.																						
	Chitral	*5,486*									66·5	88·5		38·8		73·6		29·7	95·2	8th	47·0	27th	
	Para Chinar	6,000	24·418		24·394	24·514	26th	24·282	9th	·232	70·7	81·7		60·2		70·9		21·5	87·7	8th	53·1	23rd	
	Cherat	*4,256*	25·652	+·009	25·620	25·757	26th & 27th.	25·505	9th	·252	73·1	85·1	—0·7	66·9	+0·9	75·9	+0·1	18·3	94·2	7th & 8th.	60·4	27th	
	Murree	6,333	23·831	+·001	23·799	23·924	12th	23·699	9th	·225	62·3	72·5	—1·3	59·1	+1·0	66·2	—0·1	12·7	77·6	8th	53·2	20th	
	Simla	7,232	23·094	+·004	23·056	23·189	12th	22·975	9th	·214	59·6	64·7	—1·4	56·6	+0·2	60·6	—0·6	8·1	69·7	24th	49·9	22nd	
	Sarain		23·132		23·094	23·238	12th	23·017	9th	·221	61·1	68·0		53·8		60·9		14·2	73·0	5th & 7th	47·3	22nd	
	Kalabagh		20·150		20·112	20·252	12th	20·039	9th	·213	48·3	52·9		43·9		48·4		9·0	59·1	6th	39·1	22nd	
	Chakrata	7,022	23·260	+·001	23·220	23·366	27th	23·129	9th	·237	61·3	69·4	+0·7	56·6	—0·4	63·0	+0·1	12·8	74·7	24th	51·7	27th & 28th.	
	Mukteswar	7,592	22·820	—·023	22·779	22·918	12th	22·702	9th	·216	59·2	66·2	—3·1	53·7	—1·8	60·0	—2·5	12·5	70·0	25th	49·0	26th	
	Darjiling	7,376	22·993	—·036	22·948	23·075	26th	22·879	9th	·196	59·7	65·6	+1·5	56·2	+0·7	60·9	+1·1	9·4	72·8	24th	51·7	19th	
	Shillong	4,920	25·098		25·050	25·178	27th	24·978	9th	·200	67·9	74·3		61·5		67·9		12·8	79·9	23rd	58·7	18th & 30th.	
	Cherrapunji	4,309	25·656		25·607	25·747	12th	25·542	9th	·205	67·9	73·4		64·4		68·9		9·0	81·2	22nd & 23rd.	61·1	29th	
	Maymyo	3,545	26·388	—·004	26·333	26·464	12th	26·257	22nd	·207	69·7	78·2	+0·3*	65·3	+1·2	71·8	+0·7	12·9	80·5	22nd	60·6	29th	
	Pachmarhi	3,528	26·336	—·027	26·283	26·442	15th	26·152	26th	·290	69·0	75·7*	—1·5	66·6	+0·3	71·2*	—0·6	9·1	80·0	18th & 19th.	63·1	30th	
	Mount Abu	3,945	25·976	—·007	25·926	26·034	16th	25·880	9th	·154	68·0	74·7	—0·6	64·6	0	69·7	—0·3	10·1	82·7	30th	42·9	3rd	
	Mercara	3,781	26·213	+·002	26·146	26·272	12th	26·140	24th	·132	64·9	71·9	—0·3	61·6	—0·3	66·7	—0·3	10·3	76·5	29th	58·0	26th	
	Ootacamund	*7,347*	23·042		22·978	23·093	12th	22·959	24th	·134	56·8	65·7		50·0		57·8		15·7	68·5	18th	44·7	14th	
	Kodaikanal	7,688	22·818	—·008	22·753	22·862	15th	22·718	24th	·144	57·2	64·0	+0·7	52·2	0	58·1	+0·3	11·8	68·5	8th	50·5	12th & 25th.	

* Mean of 28 days. ‖ Mean of 17 days. ¶ Mean of 16 days. § " " 18 "

N.B.—Elevations in italics indicate barometrical determinations.
NOTE.—The barometric readings are not reduced to sea-level, in the cases of hill or plateau stations, the elevations for which exceed 3,200 feet.

B—continued.

in India, etc., in September, 1911—continued.

Wind direction. Number of winds from: Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Resultant direction.	Normal direction.	Wind velocity. Mean velocity, miles per hour.	Normal.	Departure from normal.	Wind steadiness. Actual percentage.	Departure from normal.	Hygrometry, 8 hrs. Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs. in inches of mercury.	Departure from normal in inches of mercury.	Cloud. Mean cloud amount at 8 hrs.	Departure from normal.	Rainfall. Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st May to 30th Sept., 1911.	Normal rainfall for period, 1st May to 30th Sept.	Departure from normal of period, 1st May to 30th Sept., 1911.	Heaviest rainfall during month.	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	54	55	56	57
																																Bay Island
	2	1	2	4	11	6	4		S 11° W					50		85		·973		7·2		6			6·49							
7					2	9	9	3	S 71° W	S 61° W	9·0	9·5	−0·5	59	− 7	87	− 3	·887	−·038	7·3	−0·8	20			18·29	18·55	−0·26	74·06	85·18	−11·12	2·53	P. V. Fras
2	2		2	2	6	13	2	1	S 32° W		13·2			53		89		·905		7·1		13			26·03	11·83	+14·20	57·80	63·85	−6·05	5·97	Slipper Islan
																																Kashmir.
																Observations not received.																
11				8	5	1	1	4	S 7° E	S 43° E	2·5	3·3	−0·8	30	+ 5	82	− 5	·450	−·018	3·1	−0·2	6	3·30	+2·70	2·08	1·82	+0·26	6·47	11·46	−4·99	0·85	Muzaffarabad.
15		2	5	3		2	2	1	S 72° E		4·5			13		76	− 5	·334		3·0		3			1·28	3·39	−2·11	† 14·12	16·35‡	−2·23	0·60	Srinagar.
																						9			1·98	4·67	−2·69	15·75	21·04	−5·29	0·39	Gulmarg.
27							2	1	N 75° W		7·2			10		62	0	·246		1·5		1	2·00	−1·00	0·23	1·31	−1·08	2·71	6·40	−3·69	0·11	Sonamarg.
26	1			1	2				S 24° E	N 85° W	2·9	1·9	+1·0	7	−43	52	+ 4	·210	+·034	4·6	+1·0	0	0·50	−0·50	0·05	0·28	−0·23	0·61	1·65	−1·04	0·04	Dras.
20		1	3		1	4	1		S 2° W		5·7			10		50	−11	·274		2·7		2	0·40	+1·60	0·46	1·08	−0·62	1·42	3·67	−2·25	0·18	Leh.
28					1		1		S 45° W		1·5			3		45	− 6	·374	−·011	1·5	−2·0	0	1·10	−1·10	0	0·37	−0·37	0·76	2·75	−1·99	0	Gilgit.
																																Baluchistan.
28			1	1					S 66° E	S 45° W	1·4	2·2	−0·8	7	+ 5	48	− 2	·351	+·021	0·2	0	0	0·20	−0·20	0	0·08	−0·08	0·66	1·82	−1·16	0	Quetta.
14			1	1	7	5	1	1	S 18° W	S 8° E	5·2	7·8	−2·6	37	− 1	24	+ 1	·227	−·042	0	−0·2	0	0	0	0	0	0	0·02	0·22	−0·20	0	Chaman.
9				4	2	2			S 12° E		5·3*			35	− 5	42		·237		0		0			0	0	0	0·15	1·37	−1·22	0	Kalat.‖
1	1	8	14	3				3	N 71° E		7·3*			69		39		·419		0		0			0			0·08			0	Dalbandin.
3			2			2	15	7	N 82° W		8·1			66		95		·921		0·2		0			0			0·05			0	Pasni.
	1	12	2	2					N 56° E		5·4*			82		63		·422		0·1		0			0			?			0	Panjgur.‖
			1	1	5	20	3		S 38° W		7·7			82		60		·496		0·6		0			0			0·08			0	Robat.
																																Hill Stations, excluding Kashmir and Baluchistan.
28				2					S		6·2			3		66		·435		0		1			0·18	0·45	− 0·27	1·06	3·72	−2·66	0·18	Chitral.
27			1		1	1			S 38° W		3·0			3		56		·406		0·8		7	5·30	+1·70	5·76	1·63	+ 4·13	15·06	13·00	+2·06	2·04	Para Chinar.
18	1			4	4	1	1	1	S 4° E	S 32° W	6·2	7·9	−1·7	20	+15	67	+ 9	·541	+·073	2·0	+0·1	2			1·10	2·16	− 1·06	3·86	13·30	−9·44	0·79	Cherat.
17	5			1				7	S 25° W	N 37° W	4·0	5·7	−1·7	33	+14	78	+13	·439	+·058	4·7	+2·2	9	8·00	+1·00	5·99	5·91	+ 0·08	26·27	38·15	−11·88	1·87	Murree.
																83	+ 7	·422	+·025	6·3	+2·3	21	8·70	+12·30	11·43	5·71	+ 5·72	36·03	50·41	−14·38	1·61	Simla.
30									(a)		0·5			80		80		·430		5·8		15			5·82	8·37	− 2·55	31·78	39·22	−7·44	1·15	Sarain.
17	1			3	1			8	N 45° W		6·5			13		90		·306		8·1		19			10·38	11·11	− 0·73	43·65	53·51	−9·86	1·24	Kalabagh.
18	4	1	1	4	1			1	N 66° E	N 21° E	1·88	6·0	−4·2	13	0	86	+ 3	·469	+·019	6·6	+2·9	13	8·30	+4·70	8·42	6·35	+ 2·07	37·24	56·80	−19·56	2·95	Chakrata.
20			4	4		1	1		S 55° E		4·8	3·7	+1·1	20		91	+ 9	·474		7·2		16			11·90	6·15	+ 5·75	33·18	40·29	−7·11	1·38	Mukteswar
27	1			1		1			S	S 89° E	0·3			1	−18	92	− 2	·471	−·003	8·7	+0·2	15	17·71	−2·71	16·26	18·46	− 2·20	122·81	108·94	+13·87	3·78	Darjiling
25		1	2			1			E		0·6			7		84		·574		6·6		14	17·50	−3·50	10·98	10·99	− 0·01	64·96	68·98	−4·02	2·72	Shillong.
16		3	2	2	3	3	1		S 29° E		4·0			17		90		·606		7·4		21	18·80	+2·20	49·11	35·06	+14·05	455·16	347·68	+107·48	9·48	Cherrapunji.
19			1		1	9			S 35° W		1·7			30		92	+ 2	·669		6·4		14	15·20	−1·20	13·89	11·14	+ 2·75	48·21	43·32	+4·89	3·28	Maymyo.
1	3	1				4	13	8	N 73° W	N 85° W	10·3	6·2	+4·1	72	+28	93	+10	·653	+·026	7·5	+0·9	16	13·80	+2·20	19·27	14·82	+ 4·45	64·56	70·46	−5·90	7·65	Pachmarhi.
	3	2			1	15	7	2	S 72° W	S 70° W	8·9	7·9	+1·0	62	+18	83	+ 3	·551	0	7·2	+2·6	8	8·00	0	5·53	8·92	− 3·39	14·34	58·91	−44·57	1·78	Mount Abu.
2	1						8	19	N 56° W	N 67° W	5·5	7·2	−1·7	82	+ 8	96	+ 4	·582	+·008	7·7	−0·8	14	18·00	−4·00	5·80	10·80	− 5·00	116·81	111·00	+5·81	1·07	Mercara.
11		1		1			11	6	N 72° W		3·8			49		81		·384		6·3		10	10·10	−0·10	3·48	5·76	− 2·28	38·34	35·39	+2·95	0·66	Ootacamund.
1			2	1	1		13	12	N 69° W		11·8*			66		75	− 5	·351		4·7		8	12·40	−4·40	2·89	6·52	− 3·63	27·56	28·74	−1·18	0·76	Kodaikanal.

‡ Normal rainfall since June. * Uncorrected for scale error. (a) Indeterminate. † Rainfall since 8th May 1911.

Tab

(2) *Abstract of observations taken at 8 h*

Station,	Elevation of barometer above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute rang
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
Extra India.																							
Singapore (a)	10	29·931		29·862	29·979	2nd	29·851	8th	·128	83·1	88·1		74·7		81·4		13·4	91·0	9th & 17th.	71·0	2nd	2
Penang (a)	20	29·881		29·826	29·983	5th	29·809	22nd	·174	81·1	88·0		74·6		81·3		13·4	90·0	5 days.	72·0	9th	1
Trincomalee	99									77·4	94·0	+2·8	74·1	−2·5	84·1	+0·1	19·9	98·0	3rd	70·0	14th & 17th.	2
Colombo	24	29·904	−·022	29·854	29·953	15th	29·835	23rd	·118	78·1	87·8	+1·8	76·4	−0·6	82·1	+0·6	11·4	90·5	3rd	73·0	8th	1
Minicoy	7	29·956			30·002	16th	29·891	30th	·111													
Amini Divi	*13*	29·930	+·003	29·871	29·984	1st	29·876	30th	·108	81·4	87·2	+2·2	77·6	+0·3	82·4	+1·3	9·6	89·6	13th	74·1	24th	1
Gyantse	13,120	17·052		17·013	17·092	16th	17·013	2nd, 4th & 7th.	·079	48·8	65·3		36·1		50·7		29·2	75·1	5th	28·4	16th	9
Pharijong	14,400									44·6	54·4		31·8		43·1		22·6	62·7	29th	25·8	24th	3
Gangtok	5,660P									65·5	74·5		60·9		67·7		13·6	79·6	23rd	56·8	18th	3
Gartok (c)	14,240	17·372			17·400	8 days.	17·350	12 days.	·050	40·9	59·0		31·5		45·2		27·5	66·2	5th	20·1	25th	4
Kashgar (c)	4,255	25·510			25·770	17th	25·340	9th & 24th.	·430	70·5	88·5	+6·9	59·1	+2·2	73·8	+4·5	29·4	95·1	5th & 11th	49·7	17th	4
Kabul		24·216		24·185	24·367	12th	24·140	24th	·227	67·2			56·0	+5·0						45·8	30th	
Meshed	3,104	26·795		26·773	27·003	15th	26·516	9th	·487	64·4	82·7		49·6	−4·7	66·1		33·1	97·8	9th	41·7	29th	
Jask	13	29·728	−·020	29·694	29·826	27th	29·578	9th	·248	81·8	90·2	−3·3	80·4	−0·4	85·3	−1·9	9·8	97·8	30th	76·8	26th	
Muscat	20	29·732	−·023	29·700	29·846	27th	29·581	10th	·265	85·2	92·6	+5·4	82·5	−0·9	87·5	+2·3	10·1	101·8	29th & 30th.	78·6	24th	
Bahrein	18	29·719		29·691	29·920	28th	29·629	1st	·291	86·3	91·5		81·0		86·2		10·5	98·5	1st	73·9	24th	
Bushire	14	29·710	−·019	29·686	29·881	28th	29·608	1st & 4th	·273	83·3	90·7	−3·6	77·5	−1·6	84·1	−2·6	13·2	97·8	3rd	71·5	28th	
Buzrah	25	29·694		29·688	29·838	27th	29·548	2nd	·290	82·0	96·9		74·8		85·9		22·1	105·3	2nd	67·1	20th	
Kerman										67·7	95·1		53·7		74·4		41·4	102·0	8th	40·5	23rd	
Ispahan (b)	*5,817*																					
Tehran (b)	*4,003*	25·733			25·895	13th	25·507	9th	·388	71·5	88·2	−2·5	63·9	−1·0	76·1	−1·7	24·3	96·2	3rd	55·4	10th	
Bagdad †	127	29·645	−·027	29·747	29·821	28th	29·548	3rd	·273	77·3	100·8	−1·4	71·1	−0·8	85·9	−1·1	29·7	110·1	1st	63·6	11th	
Beirut (d)	111			29·883						79·2	85·0		71·6		78·3		13·4	89·1	5th	68·2	17th & 29th.	
Aden	94	29·735	−·002	29·760	29·819	28th	29·590	5th	·229	85·4	93·2	−0·4	82·4	+0·2	87·8	−0·1	10·8	96·1	8th	79·9	5th & 28th.	
Perim	201	29·611	+·002	29·743	29·678	30th	29·534	5th	·144	88·2	95·4	+0·6	84·1	+1·0	89·8	+0·8	11·3	98·3	2nd & 9th	79·2	22nd	
Zanzibar	72	30·102	+·037	30·101	30·178	2nd	30·036	30th	·142	75·0	81·0	−1·0	72·2	−1·3	76·6	−1·1	8·8	83·6	29th	70·6	14th	

N.B.—The elevations in italics indicate barometrical determinations.

[illegible] in the case of hill or plateau stations, the elevations of which exceed 3,200 feet.

B—*concluded.*

at 242 stations in India, etc., in September, 1911—concluded.

Wind direction. Number of winds from: Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Resultant direction	Normal direction	Wind velocity. Mean velocity, miles per hour.	Normal.	Departure from normal.	Wind steadiness. Actual percentage.	Departure from normal.	Hygrometry, 8 hrs. Mean humidity at 8 hrs.	Departure from normal.	Mean tension at 8 hrs. in inches of mercury.	Departure from normal in inches of mercury.	Cloud. Mean cloud amount at 8 hrs.	Departure from normal.	Rainfall. Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st May to 30th Sept., 1911.	Normal rainfall for period, 1st May to 30th Sept.	Departure from normal of period, 1st May to 30th Sept., 1911.	Heaviest rainfall during month.	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	54	55	56	57
																																Extra India
11			1	12	2	3		1	S 29° E		5·9*			46						6·7		11			5·74	5·66	+0·08	33·04	32·80	+ 0·24	1·15	Singapore.
	4	10	3	3	3		1	6	N 34° E		10·8*			40								15			11·13	13·77	−2·64	36·57	47·72	−11·15	2·60	Penang.
						27	3		S 50° W	S 43° W	8·8*	12·8	−4·0	96	+ 2	79	—	·740	−·125	5·0	+2·0	11			6·42	4·63	+1·79	16·31	14·74	+ 1·57	0·85	Trincomalee.
7						6	15	2	S 82° W	S 57° W	6·0*	9·2	−3·2	69	−12	88	+0	·843	−·009	7·8	+1·8	9			4·54	4·60	−0·06	24·37	31·58	− 7·21	1·68	Colombo.
	1						10	19	N 59° W	N 75° W	7·6	11·6	−4·0	90						3·8		9			2·67	6·86	−4·19	34·33	38·52	− 4·19	0·87	Minicoy.
1	6					2		21	N 40° W		14·2‡			80		81	−1	·865	−·015	5·7	−0·6	12			4·92	5·76	−0·84	37·89	41·26	− 3·37	1·64	Amini Divi.
21			4	5					S 67° E					23		68		·234		2·4		10			3·70			11·08			0·85	Gyantse.
16	2	2	1	2	3	1	3		S 3° E		9·2			7		78		·230		7·9		7			1·67			15·63			0·57	Pharijong.
25			1	1	2		1		S 18° E		1·3			10		91		·568		5·0		18			13·43	19·30	−5·87	105·42	106·96	− 1·54	2·88	Gangtok.
21	1			4	3			1	S 27° E		8·1			17						3·8		1			0·45			1·11			0·37	Gartok.
30									(a)	N 28° W	0·4	3·0	−2·6			46	− 8	·346	+·020	0·7	−2·5	0			0	0·31	−0·31	0·65	2·24	− 1·59	0	Kashgar.
		2	11	15	2				S 64° E	S 13° W				83	+74	55		·375		0		0			0	0·03	−0·03				0	Kabul.
24		1	1	1	2	1			S 34° E		1·6			13		41		·249		0·4	−0·2	0			0	0·02	−0·02	2·40	1·84	+ 0·56	0	Meshed.
2	1	1	22	3				1	N 89° E	S 81° E	10·2	13·4	−3·2	89	+17	8[illegible]	+10	·890	−·035	3·4	+1·9	0			0	0	0	0	0·06	− 0·06	0	Jask.
10	2		14					4	N 67° E	N 72° E	4·1	3·8	+0·3	40	+11	7[illegible]	− 3	·892	−·038	3·9	+2·9	0			0	0	0	0	0·17	− 0·17	0	Muscat.
	6	1	2			2	8	11	N 49° W		6·9			63		[illegible]5		·819		0·5		0			0	0	0	0	0·10	−0·10	0	Bahrein.
7	3	5	4	3			2	6	N 22° E	N 60° E	9·4	6·9	+2·5	30	−22	76	+13	·860	+·034	0·3		0			0	0	0	0	0·03	− 0·03	0	Bushire.
						6	17	7	N 88° W		4·4			87		47		·514		0		0			0	0·19	−0·19	0	0·65	−0·65	0	Busrah.
	12	5	1	2	6	1		3	N 18° E		6·0			30		36		·238		0		0			0			0·36			0	Kerman.
																																Ispahan.
14	1	6	3	1	1	4			N 79° E	N 62° E	2·5	2·8	−0·3	17	+ 1	54	+ 20	·412	+·101	0·8	+0·2	0			0	0·08	−0·08	0·97	0·88	+0·09	0	Tehran.
6	7	2					1	13	N 27° W	N 11° W	8·6	2·4	+6·2	69	+1[illegible]	37	− 11	·351	−·156	0	−0·2	0			0	0	0	0·21	0·28	−0·07	0	Bagdad.
	6					10	10	3	N 87° W					66		62		·609		1·6		1			0·27			1·57			0·27	Beirut.§
13	2	8	1	4	1		1		N 65° E	S 56° E	6·6*	9·6	−3·0	30	0	78	+ 3	·928	−·004	4·3	+0·4	0			0	0·14	−0·14	0·34	0·50	− 0·16	0	Aden.
4	1	1	6	2	2	2	1	11	N 22° W	N 72° E	10·5	12·0	−1·5	20	− 7	69	− 5	·930	−·034	2·9	−0·9	0			0	0·06	−0·06	0·49	0·86	− 0·37	0	Perim.
				8	13	9			S 2° W	S 5° E	6·2	5·6	+0·6	83	− 3	83	0	·721	−·023	6·6	+0·7	3			1·17	2·10	−0·93	24·21	19·81	+ 4·40	0·77	Zanzibar.

Uncorrected for scale error.

(a) Indeterminate.

† Mean of 29 days.
‡ „ „ 28 „

§ Wind observations less 1.

Table C.—Abstract of observations taken at 8 hrs. at 36 fourth class stations in India, etc., in September, 1911.

Table

Abstract of observations taken at 8 hrs.

Number of subdivision.	Station.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range during month.	Wind direction. Number of winds from: Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Resultant direction.	Normal direction.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
	II.—Eastern Bengal and Assam.																								
4	Bishnath	79·4	89·4	...	73·9	...	81·7	...	15·5	96·7	3rd	70·0	25th	26·7	...	...	..	...	...	...	...	...	...	...	...
	Borjuli	81·0	91·5	...	74·7	...	83·1	...	16·8	97·0	23rd	72·4	26th	24·6	...	...	...	...	...	...	...	...	...	...	...
	Chandkhira	79·0	90·9	...	74·6	...	82·7	...	16·3	97·1	25th	72·5	18th	24·6	...	...	...	...	...	...	...	...	...	...	...
	Doom Dooma	75·6	88·0	...	74·2	...	81·1	...	13·8	96·8	22nd & 23rd.	72·0	16th	24·8	...	...	...	...	...	...	...	...	...	...	...
	Dikom	77·4	87·8	...	74·3	...	81·1	...	13·5	96·6	23rd	72·0	16th	24·6	...	...	...	...	...	...	...	...	...	...	...
	Golaghat	79·5	80·2	...	75·4	...	77·8	...	4·8	85·5	22nd & 23rd.	74·2	5 days	11·3	...	...	...	...	...	...	...	...	...	...	...
	Hailakandi	...	...	...	...	...	...		Observations not received.				...	...	...	...	...	...	...	...	...	...	...	...	...
	Jorehat	79·5	88·3	...	75·1	...	81·7	...	13·2	94·4	23rd & 24th.	73·0	17th	21·4	...	...	...	...	...	...	...	...	...	...	...
	Messa	82·1	93·7	...	74·1	...	83·9	...	19·6	100·9	22nd	71·2	20th	29·7	...	...	...	...	...	...	...	...	...	...	...
	Panerihat	75·2	88·7	...	72·8	...	80·7	...	15·9	94·4	23rd	69·5	26th	24·9	...	...	...	...	...	...	...	...	...	...	...
	Srimangal	81·6	90·7	...	75·6	...	83·1	...	15·1	96·7	23rd	73·4	18th	23·3	...	...	...	...	...	...	...	...	...	...	...
5	Brahmanbaria	83·6	89·3	...	77·6	...	83·5	...	11·7	95·8	23rd	74·1	17th	21·7	...	...	...	...	...	...	...	...	...	...	...
	Dam Dim*	78·5	91·5	...	72·8	...	82·1	...	18·7	97·1	23rd	70·0	19th	27·1	...	...	...	...	...	...	...	...	...	...	...
	Goalundo	83·6	89·2	...	77·9	...	83·5	...	11·3	96·4	23rd	74·9	30th	21·5	...	...	...	...	...	...	...	...	...	...	...
	Kalchini	80·7	88·5	...	72·2	...	80·3	...	16·3	97·1	24th	70·4	19th	26·7	...	...	...	...	...	...	...	...	...	...	...
	Nagrakata	80·2	89·3	...	73·4	...	81·3	...	15·9	97·1	23rd	71·0	19th & 20th.	26·1	...	...	...	...	...	...	...	...	...	...	...
	Pabna	82·9	89·3	...	72·5	...	80·9	...	16·8	94·5	23rd	65·1	17th	29·4	...	...	...	...	...	...	...	...	...	...	...
	IV.—United Provinces of Agra and Oudh.																								
10	Ballia	82·0	87·6	...	77·8	...	82·7	...	9·8	92·2	30th	72·8	19th	19·4	...	...	...	...	...	...	...	...	...	...	...
	XI.—Central Provinces.																								
24	Chhindwara	74·5	82·9	...	69·6	...	76·2	...	13·3	89·6	18th	65·9	30th	23·7	...	3	1	...	...	2	4	10	10	N 72° W	...
	XIV.—Madras.																								
33	Anantapur	78·0	93·3	...	73·4	...	83·3	...	19·9	98·0	17th	70·9	27th	27·1	...	...	...	...	...	...	...	...	...	...	...
34	Guntur	84·0	95·2	...	77·5	...	86·4	...	17·7	101·2	13th	72·3	28th	28·9	...	...	...	...	...	...	...	...	...	...	...
	Bay Islands.																								
1	Car Nicobar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kashmir.																								
14	Jammu	81·7	92·3	...	75·6	...	83·9	...	16·7	98·9	18th	68·0	23rd	30·9	...	17	6	...	...	2	4	1	...	N 2° E	...
	Kargil	64·3	81·9	...	54·1	...	68·0	...	27·8	91·3	10th	42·2	30th	49·1	...	10	10	6	...	...	...	...	4	N 27° E	...

* Observations of 26 days.

G.

t 36 fourth class stations in India, etc., in September, 1911.

Wind velocity.			Wind steadiness.		Hygrometry, 8 hrs.				Cloud.		Rainfall.									Heaviest rainfall during month.	Station.
Mean velocity, miles per hour.	Normal.	Departure from normal.	Actual percentage.	Departure from normal.	Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs. in inches of mercury.	Departure from normal in inches of mercury.	Mean cloud amount at 8 hrs.	Departure from normal.	Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st May to 30th September, 1911.	Normal rainfall for period, 1st May to 30th September.	Departure from normal of period, 1st May to 30th September, 1911.		
27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
																					II.—Eastern Bengal and Assam.
...	...	...	...	...	96	...	·963	...	...	...	19	...	...	10·93	11·65	−0·72	83·80	71·08	+12·72	2·03	Bishnath.
...	...	...	...	...	86	...	·902	...	...	...	16	...	...	17·73	10·40	+7·33	91·19	65·07	+26·12	3·82	Borjuli.
...	...	...	...	...	91	...	·909	...	...	...	17	...	...	10·60	9·97	+0·63	93·11	78·71	+14·40	2·70	Chandkhira.
...	...	...	...	...	97	...	849	...	...	...	14	...	...	8·87	8·90	−0·03	77·35	70·40	+ 6·95	1·31	Doom Dooma.
...	...	...	...	...	93	...	·865	...	...	...	15	...	...	14·99	10·51	+4·48	80·08	75·89	+ 4·19	3·80	Dikom.
...	...	...	...	...	90	...	·903	...	...	...	15	...	...	10·21	7·58	+2·63	57·93	51·06	+ 6·87	2·66	Golaghat.
...	...	...	...	...	...	...	...	...	...	Observations not received.					...	...	...	...	...	...	Hailakandi.
...	...	...	...	...	90	...	·896	...	...	...	17	...	...	16·55	8·83	+7·72	75·51	58·83	+16·68	3·19	Jorehat.
...	...	...	...	...	90	...	·985	...	...	...	18	...	...	10·06	10·49	−0·43	84·94	71·48	+13·46	1·55	Messa.
...	...	...	...	...	94	...	·819	...	...	...	12	...	...	9·54	8·69	+0·85	87·49	59·01	+28·48	1·58	Panerihat.
...	...	...	...	...	86	...	·925	...	...	...	15	...	...	15·14	12·11	+3·03	97·14	70·63	+26·51	3·62	Srimangal.
...	...	...	...	...	81	...	·931	...	...	...	10	...	...	5·72	10·49	−4·77	80·71	62·44	+18·27	1·39	Brahmanbaria.
...	...	...	...	...	96	...	·937	...	...	...	16	...	...	25·08	20·79	+4·29	151·56	139·93	+11·63	7·75	Dam Dim.
...	...	...	...	...	84	...	·959	...	...	...	8	...	...	4·10	9·99	−5·89	48·08	51·84	− 3·76	0·80	Goalundo.
...	...	...	...	...	87	...	·928	...	...	...	12	...	...	21·26	17·71	+3·55	152·22	135·30	+16·92	3·68	Kalchini.
...	...	...	...	...	86	...	·872	...	...	...	18	...	...	24·52	21·95	+2·57	155·66	142·88	+12·78	5·24	Nagrakata.
...	...	...	...	...	85	...	·950	...	...	...	10	...	...	11·58	8·76	+2·82	61·14	48·75	+12·39	4·90	Pabna.
																					IV.—United Provinces of Agra and Oudh.
...	...	...	...	...	88	...	·965	...	...	...	No rain gauge.										Ballia.
																					XI.—Central Provinces.
4·0	...	...	67	...	82	...	·702	...	4·2	...	7	...	...	8·84	...	...	28·47	...	...	3·45	Chhindwara.
																					XIV.—Madras.
...	...	...	...	...	77	...	·731	...	8·3	...	6	...	...	4·96	...	...	11·82	...	...	3·00	Anantapur.
...	...	...	...	...	79	...	·916	...	6·2	...	7	...	...	4·59	...	...	19·98	...	...	2·08	Guntur.
																					Bay Islands.
...	...	...	...	...	...	...	...	...	...	...	14	...	...	15·04	12·82	+2·22	51·23	56·77	− 5·54	2·58	Car Nicobar.
																					Kashmir.
...	...	...	53	...	71	...	·764	...	3·0	...	4	...	...	4·79	...	...	16·90	...	...	1·56	Jammu.
...	...	...	73	...	39	...	·236	...	3·0	...	0	...	...	0	...	...	0·78	...	...	0	Kargil.

Table

Abstract of observations taken at 8 hrs.

Number of subdivision.	Station.	Temperature of air.													Wind direction.										
															Number of winds from										
		Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range during month.	Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Resultant direction.	Normal direction.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
	Hill Stations, exclusive of Kashmir.																								
	Panighatta	77·8	86·4	...	72·5	...	79·5	...	13·9	92·1	22nd & 24th.	69·0	19th	23·1	...	...	...	...	...	...	...	...	...	...	...
	Kurseong	67·3	72·6	...	63·2	...	67·9	...	9·4	80·3	23rd	57·9	19th	22·4	...	...	...	...	...	...	...	...	...	...	...
	Gnatong	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lachung	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Ringim	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Poo	...	74·1	...	53·8	...	63·9	...	20·3	82·0	16th	44·9	25th	37·1	13	...	...	1	8	2	3	3	...	S 6° E	...
	Kailang	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bakloh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Drosh	73·1	91·5	..	67·3	...	79·4	..	24·2	99·0	15th & 16th.	56·3	26th	42·7	21	...	...	3	...	4	1	1	...	S 15° E	...
	Pishin	...	89·4	...	54·1	...	71·8	..	35·3	96·4	12th	48·1	5 days	48·3	...	...	...	...	...	...	...	...	...	...	...
	Extra India.																								
	Ahwaz	...	102·0	...	76·9	..	89·5	...	25·1	110·0	2nd	67·0	11th	43·0	...	...	...	...	...	...	...	...	...	...	...
	Birjand	Observations not received.																							
	Chumbi	53·4	63·5	...	48·6	...	56·1	...	14·9	67·6	3rd	42·4	22nd	25·2	...	...	...	...	...	...	...	...	...	...	...
	Kirmanshah	69·7	87·8	...	50·1	...	68·9	...	31·7	94·0	2nd	41·8	10th	52·2	...	...	...	...	...	...	...	...	...	...	...
	Koweit	...	99·5	...	78·2	...	88·9	...	21·3	108·9	3rd	73·2	5 days	35·7	1	1	...	1	...	3	5	13	6	S 86° W	...
	Maidan	...	105·1	...	74·3	...	89·7	...	30·8	112·2	1st & 2nd.	68·2	12th	44·0	...	...	...	...	...	...	...	...	...	...	...
	Muhammerah	...	99·6	...	74·6	...	87·1	...	25·0	107·4	1st	66·6	11th	40·8	...	4	...	...	1	1	...	...	12	N 36° W	...
	Pemba	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Prison Island	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

C—*concluded.*

t 36 fourth class stations in India, etc., in September, 1911—concluded.

Wind velocity.			Wind steadiness.		Hygrometry, 8 hrs.				Cloud.		Rainfall.									Heaviest rainfall during month.	Station
Mean velocity, miles per hour.	Normal.	Departure from normal.	Actual percentage.	Departure from normal.	Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs. in inches of mercury.	Departure from normal in inches of mercury.	Mean cloud amount at 8 hrs.	Departure from normal.	Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st May to 30th September, 1911.	Normal rainfall for period, 1st May to 30th September.	Departure from normal of period 1st May to 30th September, 1911.		
27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
																					Hill Stations, exclusive of Kashmir.
...	...	...	...	...	82	...	·773	...	...	...	18	...	...	22·15	22·09	+0·06	129·56	125·26	+4·30	8·45	Panighatta.
...	...	...	...	...	92	...	·598	...	...	...	21	...	...	20·17	23·07	−2·90	155·11	138·88	+16·23	2·46	Kurseong.
...	...	...	...	...	...	...	...	...	...	...	No rainfall observations.										Gnatong.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	Rainfall observations not received.						...	Lachung.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	Rainfall observations not received.						...	Ringim.
...	...	...	33	...	...	...	...	...	4·9	...	3	...	...	0·87	0·34	+0·53	1·75	3·12	−1·37	0·28	Poo.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	Rainfall observations not received.						...	Kailang.
...	...	...	...	...	...	...	...	...	...	...	11	...	...	7·62	...	...	30·01 ‡	...	...	2·00	Bakloh.
...	...	...	16	...	50	...	·413	...	4·0	...	1	...	...	0·21	0·82	−0·61	2·50	5·25	−2·75	0·14	Drosh.
...	...	...	...	...	...	...	...	...	0	...	0	...	...	0	0	0	0·02	0·43	−0·41	0	Pishin.
																					Extra India.
...	...	...	...	...	...	...	...	...	...	...	0	...	...	0	...	..	0·03	...	...	0	Ahwaz.
									Observations not received.												Birjand.
6·3	...	...	...	...	87	...	·355	...	7·1	...	13	...	...	3·46	...	...	28·35	...	...	0·48	Chumbi.
...	...	...	...	...	28	...	·201	...	...	...	0	...	...	0	...	...	0·81	...	...	0	Kirmanshah.
...	...	...	67	...	...	...	...	...	...	...	0	...		0	...	...	0·05	...	...	0	Koweit.
...	...	...	...	...	...	...	...	...	...	...	0	...	...	0	...	...	0·15	...	...	0	Maidan.
...	...	...	47	...	...	...	...	...	...	...	0	...	...	0	...	...	0·10	...	...	0	Muhammerah.*
...	...	...	...	...	...	...	...	...	...	...	3	...	...	1·00	1·30	−0·30	34·76	30·25	+4·51	0·47	Pemba.
...	...	...	...	...	...	...	...	...	...	...	No rainfall observations.										Prison Island.

* Wind variable 12 days.

‡ Total rainfall since 1st June, 1911.

TABLE A.—Abstract of observations taken at 10 hrs. and 16 hrs. at 34 stations in India, etc., in September, 1911.

Tal

Abstract of observations taken at 10 hrs. and 16 hrs. at

Number of subdivision.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure. Mean of 10 hrs.	Mean of 16 hrs.	Mean daily range.	Mean of daily mean pressures.	Departure from normal.	Mean reduced to sea-level and gravity, 45° Lat.	Temperature of air. Mean maximum.	Mean minimum.	Mean daily range.	Highest maximum.	Lowest minimum.	Absolute range.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	Temperature Wet-bulb. Mean minimum.	Mean 10 hrs.	Mean 16 hrs.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	I.—Burma.																				
2	Rangoon . .	18	29·847	29·731	·116	29·792	—·019	29·748	86·2	76·5	9·7	90·4	73·5	16·9	83·0	83·3	79·6	+0·5	75·3	78·4	77·8
	III.—Bengal.																				
6	Calcutta . .	21	·729	·620	·109	·676	—·016	·642	88·9	78·4	10·5	92·2	75·9	16·3	85·3	85·4	83·4	+0·8	76·9	80·5	80·4
	IV.—United Provinces of Agra and Oudh.																				
10	Allahabad . .	309	·407	·295	·112	·353	—·027	·614	88·6	76·6	12·0	93·8	73·8	20·0	84·4	85·8	81·4	—1·6	75·7	78·9	79·2
11	Dehra Dun . .	2,233	27·542	27·444	·098	27·487	—·021	·625	83·1	69·8	13·3	87·0	63·9	23·1	77·6	79·5	75·3	—0·8	68·0	72·7	73·8
	V.—Punjab.																				
12	Lahore . .	702	29·015	28·903	·12	28·951	—·021	·604	99·3	77·9	21·4	104·0	71·2	32·8	90·1	97·8	87·6	+2·8	73·8	77·8	79·0
	VIII.—Rajputana.																				
19	Jaipur . .	1,431	28·325	·220	·11	·269	—·035	·641	90·8	74·6	16·2	98·2	70·1	28·1	84·0	88·2	81·2	—1·2	71·8	75·2	76·0
	Udaipur . .	1,925	27·871	27·784	·09	27·827		·654	87·4	72·8	14·6	96·7	70·3	26·4	82·7	84·0	79·4		70·7	73·4	73·0
	IX.—Bombay.																				
26	Bombay . .	37	29·854	29·762	·092	29·806	+·015	·783	85·8	77·5	8·3	87·5	75·6	11·9	81·9	83·0	80·6	+1·2	74·6	77·3	77·1
	XI.—Central Provinces.																				
24	Nagpur . .	1,017	28·745	28·626	·119	28·689	—·009	·639	88·2	73·8	14·4	94·2	71·3	22·9	82·5	85·1	79·8	—0·6	69·1	75·4	75·7
	XII.—Hyderabad.																				
29	Hyderabad . .	1,690	·129	·017	·112	[illegible]60	—·005	·667	89·6	73·0	16·6	94·6	69·8	24·8	81·9	85·3	79·9	+2·5	69·1	72·2	73·3
	XIII.—Mysore.																				
30	Bangalore . .	3,021	26·926	26·801	·125	26·8[illegible]	—·003	·687	86·2	65·6	20·6	90·0	61·4	28·6	77·6	83·2	74·3	+2·5	64·0	68·2	69·0
	Mysore . .	2,518	27·425	27·298	·127	27·36[illegible]	—·002	·741	85·5	65·8	19·7	89·8	61·2	28·5	77·6	82·3	73·8	+0·1	64·8	69·7	71·1
	XIV.—Madras.																				
32	Pudukkottai .	318	29·549	29·407	·142	29·478		·723	96·2	75·6	20·6	101·0	71·1	29·9	86·8	92·8	85·9		72·5	76·6	79·2
	Madras . .	22	·814	685	·129	·759	018	·71[illegible]	94·5	77·9	16·6	100·2	70·6	29·6	87·3	89·3	85·1	+1·2	75·6	79·7	81·1
	Bay Islands.																				
1	Port Blair . .	58	·807	·715	·092	·763	—[illegible]	·751	84·0	76·0	8·0	87·2	73·4	13·8	81·6	81·6	78·9	—0·8	73·9	77·6	77·4
	Kashmir.																				
14	Srinagar . .	5,204	24·837	24·727	·110	24·781	—·02[illegible]	24·752	81·1	56·4	24·7	88·0	45·4	42·6	69·4	78·5	66·4	+2·4	53·5	65·4	72·4
	Leh . . .	11,503	19·735	19·619	·116	19·679	—·004	19·647	72·1	43·4	28·7	80·2	31·4	48·8	61·1	68·5	55·5	+1·8	38·9	47·3	48·8
	Baluchistan.																				
16	Quetta . .	5,502	24·604	24·517	·087	24·553	—·006	4·513	88·4	52·7	35·7	94·1	45·1	49·0	79·2	85·8	70·2	+3·1	48·4	57·7	58·2

N.B.—Elevations in italics indicate barometric determinations.

NOTE.—The barometric readings are not reduced to sea-level, in the cases of hill or plateau stations, the elevations of which exceed 3,200 feet.

A.

tations in India, etc., in September, 1911.

Vapour tension, in inches of mercury.					Humidity.					Cloud.				Wind direction.											Wind steadiness.		Wind velocity.		Rainfall.		Station.	Number of subdivision.
														Total number of 10 hrs. and 16 hrs. winds from																		
From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	Mean 10 hrs.	Mean 16 hrs.	Mean of two previous columns.	Departure from normal.	Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Mean wind direction.	Normal mean wind direction of month.	Average percentage.	Normal percentage.	Mean velocity in miles per diem.	Normal.	Total rainfall for the month.	Heaviest rainfall during the month.		
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	54	55	56
																															I.—Burma.	
·861	·908	·877	·897	—·013	94	81	78	87	— 5	8·7	8·6	8·7	+0·5	10		3	2	10	19	11	4	1	S 2° W	S 24° W	52	51	30	84	15·63	2·70	Rangoon	2
																															III.—Bengal.	
·902	·975	·970	·955	+·003	93	80	80	85	— 1	7·8	8·3	8·1	+0·2	4	1	2	8	16	15	14			S 18° E	S 9° W	59	46	101*	98	7·31	1·88	Calcutta	6
																															IV.—United Provinces of Agra and Oudh.	
·879	·914	·910	·918	+·037	96	78	74	87	+ 6	8·4	7·5	7·9	+2·4	11	4	12	12	1		1	14	5	N 11° E	N 15° W	25	13	93	142	14·16	5·03	Allahabad	10
·663	·742	·762	·742	+·030	91	79	76	87	+ 5	6·6	7·1	6·9	+2·1	20	2	1	1	2	7	7	11	7	S 73° W	N 76° W	33	20	19†	24	15·88	2·61	Dehra Dun ‡	11
																															V.—Punjab.	
·784	·790	·740	·782	+·064	82	56	42	63	+ 2	1·4	1·2	1·3	—0·6	15	6	8	4	8	3	2	12	2	N 9° E	N 46° E	5	59	47	50	0·30	0·13	Lahore	12
																															VIII.—Rajputana.	
·747	·767	·747	·772	+·080	87	67	58	76	+ 7	5·3	6·0	5·7	+1·2	2	7	9	4	1		4	19	14	N 46° W	N 42° W	47	43	126*	101	4·08	1·32	Jaipur	1
·721	·697	·668	·709		90	63	60	74		5·3	6·1	5·7		2	3	2	1	2	2	14	27	7	S 84° W		63		92		6·01	1·94	Udaipur	
																															IX.—Bombay.	
·814	·877	·851	·854	—·018	87	81	76	82	— 4	6·8	6·7	6·7	—0·2				1	2	4	7	39	7	S 83° W	N 84° W	78	52	225*	259	2·96	1·01	Bombay	26
																															XI.—Central Provinces.	
·654	·788	·768	·756	—·033	78	71	65	75	— 4	5·7	7·1	6·4	—0·9	2	13	2			1	4	22	16	N 58° W	N 52° W	68	36	135	127	5·55	2·48	Nagpur	24
																															XII.—Hyderabad.	
·662	·667	·666	·681	—·074	81	62	56	69	—12	5·5	7·6	6·5	—0·1	19						1	29	11	N 79° W	N 75° W	63	53	116	134	1·50	0·53	Hyderabad	29
																															XIII.—Mysore.	
·579	·583	·544	·581	—·042	92	62	49	71	— 9	6·1	6·5	6·3		2						4	39	15	N 82° W	S 84° W	89	83	201	168	0·78	0·40	Bangalore	30
·598	·621	·620	·625	—·005	95	65	57	75	— 2	7·6	7·5	7·5	—0·7					1		24	31	4	S 74° W	S 89° W	87	68	212	240	1·56	0·50	Mysore	
																															XIV.—Madras.	
·758	·779	·824	·787		86	62	55	68		6·1	6·4	6·3			6		1	3	4	11	12	23	N 76° W		57		207		9·94	3·43	Pudukkottai	32
·836	·917	·952	·915	+·067	89	72	70	79	+ 2	5·3	4·9	5·1	—1·2		1	1	4	12		7	25	10	S 79° W	S 36° W	41	53	144*	144	7·62	3·20	Madras	
																															Bay Islands.	
·809	·888	·880	·866	—·039	90	83	82	87	— 2	7·7	8·1	7·9	+0·1		1	1		1	11	13	23	10	S 72° W	S 54° W	67	73	215	228	18·29	2·53	Port Blair	
																															Kashmir.	
·384	·568	·730	·530	+·032	82	78	74	78§	— 2	2·5	2·9	2·7	—0·6	27	3	6		6	2	2	2	12	N 24° W	N 33° W	15	17	61	79	2·08	0·85	Srinagar	14
·199	·209	·175	·197	+·022	70	39	26	48	+ 4	3·1	3·7	3·4	—0·9		2	6	2	8	13	20	5	4	S 23° W	S 66° W	43	42	71	46	0·05	0·04	Leh	
																															Baluchistan.	
·300	·254	·199	·253	+·001	74	25	16	41	+ 1	0·3	0·8	0·5	0	26	4		1	1		5	6	17	N 59° W	N 60° W	38	40	34	53	0	0	Quetta	16

* Uncorrected for scale error. † Mean of 29 days. § Mean of three previous columns. ‡ Wind observations less 2.

Tab

Abstract of observations taken at 10 hrs. and 16 hrs. at

Number of subdivision.	Station.	Elevation of barometer above sea-level, in feet.	Pressure. Mean of 10 hrs.	Mean of 16 hrs.	Mean daily range.	Mean of daily mean pressures.	Departure from normal.	Mean reduced to sea-level and gravity, 45° Lat.	Temperature of air. Mean maximum.	Mean minimum.	Mean daily range.	Highest maximum.	Lowest minimum.	Absolute range.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	Temperature, wet-bulb. Mean minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of three [illegible]
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	Hill Stations, excluding Kashmir and Baluchistan.																					
	Simla	7,232	23·118	23·057	·061	23·079	−·001	23·042	64·7	56·5	8·2	69·7	49·9	19·8	61·5	61·9	60·2	−0·7	54·1	57·9	58·7	56·[illegible]
	Sarain		·148	·081	·067	·108		·070	68·2	53·8	14·4	73·0	47·3	25·7	64·2	63·2	60·6			58·6	58·9	
	Kalabagh		20·170	20·120	·050	20·138		20·100	53·0	43·9	9·1	59·1	29·1	20·0	50·0	49·5	48·1			48·3	47·7	
	Chakrata	7,022	23·274	23·217	·057	23·239	−·001	23·200	69·6	56·7	12·9	74·7	51·7	23·0	64·9	63·4	62·7	+0·2	55·6	61·7	61·3	59·[illegible]
	Mukteswar	7,592	22·840	22·768	·072	22·796		22·754	66·2	53·8	12·4	69·9	49·2	20·7	61·3	62·4	59·6		52·3	59·3	60·1	57·[illegible]
	Katmandu	4,388	25·605	25·494	·111	25·546	+·023†	25·501	82·3	66·0	16·3	86·0	62·3	23·7	75·6	78·6	73·7	+0·5†	63·0	69·3	70·6	68·[illegible]
	Darjiling	7,376	23·009	22·933	·076	22·968	−·036	22·923	65·4	56·0	9·4	72·7	51·6	21·1	62·4	61·8	60·3	+0·9	55·2	60·2	60·0	58·[illegible]
	Pachmarhi	3,528	26·320‡	26·257	·063	26·289	−·049	26·234‡	76·0	66·6	9·4	80·9	63·0	17·9	69·8‡	72·7	70·9	−0·5	65·3	68·1	69·4	67·6
	Mount Abu	3,945	25·997	25·922	·075	25·959	−·009	25·909	75·1	65·4	9·7	83·1	62·4	20·7	69·7	73·6	69·8	+0·2	61·8	64·9	66·4	64·4
	Chikalda	3,642	26·263	26·164	·099	26·213	−·017	26·158	72·9	67·7	5·2	76·7	64·9	11·8	68·9	71·5	69·9	+0·2	64·8	63·5	66·7	64·9
	Ootacamund	*7,397*	23·051	22·973	·078	23·009		22·945	65·6	49·9	15·7	68·5	44·5	24·0	61·6	59·8	57·4		48·6	55·6	56·2	53·5
	Kodaikanal	7,688	22·829	22·754	·075	22·792		·727	64·2	52·1	12·1	66·4	50·5	17·9	60·8	58·7	58·2		48·8	55·3	56·0	53·4
	Dodabetta	8,539†	·064	21·991	·073	22·025		21·961	59·0	47·7	11·3	62·8	43·7	19·1	55·7	54·0	52·9		44·2	52·0	52·2	49·5
	Extra India.																					
	Minicoy	7	29·960	29·907	·053	29·939																
	Zanzibar	72	30·118	30·003	·115	30·067	+·041	30·065	81·1	72·2	8·9	83·6	70·6	13·0	76·8	80·0	75·9	−1·1	67·9	72·2	71·6	70·6
	Diego Garcia								Observations not received.													
	Seychelles	15	·032	29·936	·096	29·992	+·012†	29·930	81·3	76·6	4·7	83·3	74·5	8·8	79·4	80·2	77·7	0†	70·1	73·9	74·4	72·[illegible]
	Mauritius	181							Observations not received.													

N.B.—Elevations in italics indicate barometric determinations.

NOTE.—The barometric readings are not reduced to sea-level, in the cases of hill or plateau stations, the elevations of which exceed 3,200 feet.

† Departure from old normal. ‡ Mean of 29 days.

—concluded.

tions in India, etc., in September, 1911—concluded.

Vapour tension, in inches of mercury.				Humidity.					Cloud.				Wind direction.											Wind stedi-ness.		Wind velo-city.		Rainfall.		Station.	Number of subdivision.
													Total number of 10 hrs. and 16 hrs. winds from																			
Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	Mean 10 hrs.	Mean 16 hrs.	Mean of two previous columns	Departure from normal.	Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Mean wind direction.	Normal mean wind direction of month.	Average percentage.	Normal percentage.	Mean velocity in miles per diem.	Normal.	Total rainfall for the month.	Heaviest rainfall during the month.		
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	54	55	56
																														Hill Stations, excluding Kashmir and Baluchistan.	
·445	·462	·436	+·002	86	81	83	85	+ 5	7·4	8·0	7·7	+1·9																11·43	1·61	Simla.	
·437	·455				73	78			6·7	7·2	6·9		37	2	4			6	10	1		S 33° W		17		11		5·82	1·15	Sarain.	
·325	·318				90	89			8·8	9·0	8·9		19	1	1	1	9	4		4	21	N 60° W		20		201		10·38	1·24	Kalabagh.	
·518	·523	·494	+·025	94	84	90	91	+ 5	7·4	8·7	8·1	+1·9	19	4	1	2	18	13	1		2	S 32° E	S 63°	40	36	398	144	8·42	2·95	Chakrata.	
·487	·497	·456		91	90	88	92		8·7	8·1	8·4		38	1	3	5	5	2		6		S 61° E		8		120		11·90	1·38	Mukteswar.	
·645	·659	·627	−·006	90	73	68	79	− 2	7·2	7·6	7·4	+1·1	52			3				5		W	N 87° W	3	11	14*	17	6·17	1·58	Katmandu.	
·499	·504	·479	−·001	95	89	90	93	− 3	8·9	8·4	8·7	+0·4	46		1		7	1	3	2		S 11° E	S 85° E	13	39	11	89	16·35	3·78	Darjiling.	
·668‡	·681	·665	+·026	93	92‡	86	94	+ 8	5·9	4·5	5·2	−2·0		1	1		1		8	34	14	N 84° W	N 60 W	84	44	247‡	149	19·19	7·55	Pachmarhi. ¶	
·560	·566	·557	−·002	83	80	70	81	0	7·1	6·9	7·0	+1·5		6	4			9	22	15	4	S 67° W	S 6 W	56	40	213	190	5·53	1·78	Mount Abu.	
·525	·597	·576	−·067	84	75	78	83	− 9	8·4	7·5	7·9	+0·5														193‡	242	16·22	5·00	Chikalda.	
·379	·412	·365		91	69	81	80		6·9	9·2	8·		6	3	7	3				24	17	N 55° W		59		91		3·48	0·66	Ootacamund.	
·385	·421	·374		81	72	86	79		6·3	9·0	7·7			4	2	2	15	3		9	25	N 53° W		27		272*		2·89	0·76	Kodaikanal.	
·352	·374	·327		76	80	90	82		8·1	9·6	8·9		3	13	4	2	2		2	13	21	N 40° W		56		367		2·79	0·87	Dodabetta.	
																														Extra India.	
									3·8	4·5	4·1			1						24	35	N 62° W		92		182		2·67	0·87	Minicoy.	
·727	·660	·685	−·053	79	79	65	75	− 3	5·9	4·0	4·9	+0·1	1	7	1	2	12	19	13	4	1	S 5 W	S 6° E	47	62	144	134	1·17	0·77	Zanzibar.	
									Observations not received.																					Diego Garcia.	
·767	·772	·736	−·031	71	76	75	76	− 4	6·8	6·7	6·7	+1·1†					43	16	1			S 32° E	S 40° E	94	87	297*	288	6·95	1·28	Seychelles.	
									Observations not received.																					Mauritius.	

* Uncorrected for scale error.

‡ Mean of 18 days.

¶ Wind observation less 1.

Table B.—Abstract of observations taken at 8 hrs. at 242 stations in India, etc., in September, 1911.

(1) Provincial means.

(2) Data of stations.

) Provincial means based on the material in Table B (2) except that the statement of rainfall depends on the complete data of about 2,000 stations.

	Pressure departure from normal.	Temperature of air.								Wind.		Hygrometry.				Cloud.		Rainfall.		
		Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Absolute range during month.	Departure of velocity from normal.	Departure of steadiness from normal.	Mean humidity.	Departure from normal.	Mean vapour tension.	Departure from normal.	Mean cloud amount.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.
na	—·013	87·6	+0·1	75·1	0	81·4	+0·1	12·5	20·2	—0·2	— 6	89	— 1	·881	—·003	7·2	+0·2	10·97	12·02	—1·05
ern Bengal and Assam	—·005	87·4	—0·2	77·4	+0·2	82·4	0	10·1	19·5	—0·7	— 5	89	— 2	·931	—·013	6·4	—0·7	13·85	12·65	+1·20
gal	—·017	88·2	—0·7	77·4	0	82·8	—0·4	10·8	19·8	+0·4	+12	88	+ 1	·930	—·001	6·8	+0·9	11·06	9·32	+1·74
ted Provinces of Agra and udh.	—·016	87·9	—3·1	75·3	—0·3	81·6	—1·7	12·5	22·4	—0·1	+11	86	+ 6	·871	+·033	6·6	+2·4	14·37	6·35	+8·02
jab	—·008	96·4	—0·2	77·1	+2·6	86·7	+1·2	19·3	33·7	+0·3	+ 2	69	0	·768	+·033	2·3	+0·3	3·29	2·63	+0·66
th-West Frontier Province	—·029	98·7	+0·5	75·7	+3·1	87·2	+1·9	23·1	39·1	—0·6	— 3	71	+ 5	·769	+·087	1·5	+0·6	1·24	1·15	+0·09
l	—·012	96·4	+0·9	77·7	+1·8	87·1	+1·4	18·7	30·8	—0·6	+ 4	71	— 1	·800	+·016	3·3	+0·9	0·07	0·47	—0·40
putana	—·025	91·6	—1·8	75·7	+0·4	83·6	—0·7	15·9	26·7	+0·5	— 3	71	+ 1	·724	+·001	4·2	+1·2	5·97	3·45	+2·52
nbay	+·004	88·0	+1·1	73·4	+0·2	80·7	+0·7	14·5	23·1	+0·6	+ 9	81	— 2	·779	—·011	5·6	—0·5	2·42	7·21	—4·79
tral India	—·020	85·0	—2·9	72·9	+0·2	78·9	—1·4	12·1	20·1	+1·0	+15	88	+ 7	·805	+·023	7·3	+2·1	10·54	6·16	+4·38
tral Provinces	—·018	86·1	—1·3	72·6	+0·1	79·3	—0·6	13·4	21·5	+1·6	+19	83	— 1	·758	—·025	6·1	+0·5	7·09	7·17	—0·08
derabad	—·007	89·5	+2·6	71·8	+0·6	80·7	+1·6	17·6	25·4	—0·5	+ 9	74	— 7	·686	—·055	5·2	—2·1	3·84	7·45	—3·51
sore	+·009	84·4	+2·0	65·5	—0·4	74·9	+0·8	19·0	26·1	+1·4	+ 5	81	— 3	·616	—·013	6·6	—1·3	2·13	5·20	—3·07
dras	—·006	91·8	+1·3	76·1	+0·5	84·0	+0·9	15·7	23·8	+0·6	+ 5	76	— 2	·799	—·014	5·6	—0·8	5·27	6·01	—0·74

Tab

(2) Abstract of observations taken at 8 hrs. at 2

Number of subdivision.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
	I.—Burma.																						
2	Victoria Point	97	29·772		29·799?	29·835	5th	29·699	19th	·136	77·3	83·2		74·0		78·6		9·2	86·7	30th	70·7	10th	1
	Mergui	65	29·820	—·020	29·816	29·886	11th	29·746	19th	·140	77·3	84·8	+0·4	72·3	+0·7	78·9	+0·5	11·9	90·4	17th	71·4	19th, 20th & 26th.	1
	Tavoy	19	29·867	—·027	29·819	29·951	11th	29·780	21st	·171	77·3	84·0	0	74·9	+1·2	79·4	+0·6	9·1	90·0	17th	72·3	9th	1
	Moulmein	94	29·770	—·009	29·802	29·851	11th	29·663	22nd	·188	78·0	86·0	+1·2	75·3	+0·8	80·6	+1·0	10·7	92·0	17th	72·8	18th	1
	Rangoon	18	29·835	—·011	29·791	29·927	12th	29·709	22nd	·218	79·8	86·1	+0·4	76·5	+0·6	81·3	+0·5	9·6	90·6	16th	73·4	26th	1
	Bassein	27?	29·815	—·001	29·779	29·911	12th	29·683	22nd	·228	79·1	86·1	+0·6	76·1	+0·3	81·1	+0·5	10·0	90·7	17th	73·4	1st	1
	Diamond Island	41	29·792	—·020	29·768	29·888	12th	29·643	20th	·245	80·7	84·7	—0·1	73·8	—2·0	79·2	—1·1	10·9	88·9	17th	70·2	7th	1
	Toungoo	164	29·677	—·005	29·784	29·774	12th	29·563	22nd	·211	80·1	89·6	+0·6	75·7	+0·1	82·6	+0·3	13·9	93·5	16th	73·9	5th, 25th & 29th.	1
	Kyaukpyu	18	29·788		29·746	29·891	12th	29·644	22nd	·247	80·3	86·1		76·5		81·3		9·6	93·0	22nd	73·4	4th & 6th	1
	Akyab	20	29·791	—·007	29·752	29·900	12th	29·641	9th	·259	80·5	87·0	+0·4	77·2†	—0·8†	82·1†	—0·2	9·8	93·9	22nd	75·0	5th, 6th & 29th.	1
3	Thayetmyo	121	29·699	—·011	29·762	29·800	12th	29·584	22nd	·216	81·7	90·5	+0·6	76·6	+0·6	83·6	+0·6	13·9	93·9	16th & 17th	74·9	13th & 30th	1
	Minbu	*165*	29·643	—·023	29·751	29·751	12th	29·543	22nd	·208	80·8	90·5	—0·4	76·4	—0·5	83·4	—0·5	14·1	95·8	16th —	74·0	24th	2
	Yamethin	657	29·153	—·032	29·760	29·246	12th	29·050	22nd	·196	78·5	91·6	—0·1	74·7	—0·1	83·2	—0·1	16·9	97·8	19th —	72·5	2nd & 5th	2
	Mandalay	250	29·566	—·008	29·764	29·672	12th	29·454	22nd	·218	81·2	93·3	+0·5	76·8	—0·1	85·0	+0·2	16·5	97·0	4 days	74·1	30th	2
	Monywa	*280*	29·537		29·766	29·631	11th	29·428	22nd	·203	80·7	92·4		78·2		85·3		14·2	96·8	16th & 17th.	76·1	8th, 23rd & 30th.	2
	Lashio	*2,820*	27·070	—·006	29·777	27·143	11th	26·979	22nd	·164	72·0	83·1	—1·7	67·9	+0·1	75·5	—0·8	15·2	87·3	4 days	62·0	30th	2
	Bhamo	*381*	29·433	—·003	29·768	29·532	11th	29·317	22nd	·215	77·9	89·7	—0·4	74·2	—0·3	81·9	—0·3	15·5	94·9	23rd	72·1	14th, 15th & 18th.	2
	Myitkyina	458	29·335		29·752	29·412	11th	29·222	22nd	·190	77·4	88·7		74·5		81·6		14·2	94·2	28th	72·0	17th	2
	II.—Eastern Bengal and Assam.																						
4	Dibrugarh	352	29·439		29·754	29·530	25th	29·341	9th	·189	77·5	85·5		75·3		80·4		10·2	94·4	25th	72·6	16th, & 17th.	21
	Sibsagar	333	29·481	+·001	29·773	29·578	12th	29·374	9th	·204	78·7	85·8	—2·3	75·9	—0·3	80·9	—1·3	9·9	93·6	23rd	73·5	16th	20
	Tezpur	252	29·555		29·764	29·676	17th	29·422	9th	·254	79·0	87·9		77·1		82·5		10·8	94·6	23rd	74·4	25th	20
	Gauhati	195	29·599		29·750	29·692	17th & 27th.	29·470	9th	·222	80·6	88·4		76·5		82·4		11·9	93·8	23rd	74·1	18th	19
	Dhubri	115	29·667	—·002	29·737	29·773	17th	29·519	9th	·254	79·6	84·1	—1·0	77·0	0	80·5	—0·5	7·1	88·5	2nd & 28th	73·1	14th & 18th.	15
	Silchar	104	29·701	—·002	29·758	29·818	12th	29·559	22nd	·259	79·6	90·6	+0·8	76·5	+0·1	83·6	+0·5	14·1	99·3	23rd	74·8	28th	24
5	Cox's Bazar	36	29·749		29·730	29·862	12th	29·605	9th	·257	80·6	86·9		76·1		81·5		10·8	90·7	4 days	73·7	30th	17
	Chittagong	87	29·715	0	29·747	29·824	12th	29·563	9th	·261	81·2	87·7	+0·9	76·4	+0·1	82·1	+0·5	11·3	93·0	22nd	75·0	6 days	18
	Noakhali	43	29·742		29·732	29·844	12th	29·603	9th	·241	81·4	86·5		78·3		82·4		8·2	91·3	22nd	74·9	30th	16
	Barisal	12	29·756	—·012	29·715	29·865	27th	29·613	9th	·252	82·6	88·5	0	78·1	—0·2	83·3	—0·1	10·4	93·3	23rd	74·6	30th	18
	Comilla	36	29·743		29·727	29·847	12th & 27th.	29·601	22nd	·246	80·8	89·2		77·9		83·5		11·3	94·8	23rd	75·3	8th	19
	Narayanganj	26	29·742	—·009	29·717	29·857	27th	29·597	9th	·260	83·1	89·0	+0·5	79·3	+0·4	84·1	+0·5	9·7	94·0	23rd	75·8	17th	18
	Faridpur	46	29·723		29·719	29·850	26th	29·587	9th	·263	82·5	87·9		78·5		83·2		9·4	93·3	23rd	75·4	10th	17
	Sirajganj	49	29·714		29·713	29·823	12th	29·578	9th	·245	80·6	86·1		78·5		82·3		7·6	92·9	23rd	74·8	17th	18
	Mymensingh	63	29·722	—·005	29·737	29·826	27th	29·597	9th	·229	81·7	87·3	+0·2	78·2	+0·7	82·7	+0·5	9·1	94·1	23rd	74·1	17th	20
	Bogra	75	29·693	—·007	29·719	29·803	12th	29·553	9th	·250	81·4	88·0	—0·4	78·2	+0·7	83·1	+0·1	9·8	93·7	23rd & 24th.	73·2	30th	20
	Rampur Boalia	70	29·697†		29·716†	29·811	27th	29·555	9th	·256	82·5	87·6		79·2		83·4		8·4	92·1	23rd	75·1	16th	17
	Malda	72	29·665		29·692	29·777	27th	29·530	9th	·247	81·7	87·0		78·0		82·5		9·0	92·3	23rd & 24th.	71·5	19th	20
	Dinajpur	123	29·627	—·014	29·705	29·736	27th	29·495	9th	·241	80·3	87·1	—1·1	77·2	—0·2	82·1	—0·7	9·9	94·3	23rd	72·5	19th	21
	Rangpur	123	29·662		29·740	29·765	12th	29·511	9th	·254	80·9	87·3		77·2		82·2		10·1	94·6	23rd	74·0	17th, 19th & 29th.	20

† Mean of 29 days.

N.B.—Elevations in italics indicate barometrical determinations.

NOTE.—The barometric readings are not reduced to sea-level, in the case of hill or plateau stations, the elevations of which exceed 2,200 feet.

ations in India, etc., in September, 1911.

Wind direction. Number of winds from N.E. (27)	E. (28)	S.E. (29)	S. (30)	S.W. (31)	W. (32)	N.W. (33)	Resultant direction. (34)	Normal direction. (35)	Wind velocity. Mean velocity, miles per hour. (36)	Normal. (37)	Departure from normal. (38)	Wind steadiness. Actual percentage. (39)	Departure from normal. (40)	Hygrometric hrs. Mean humidity at 8 hrs. (41)	Departure from normal. (42)	Mean vapour tension at 8 hrs. (43)	Departure from normal in inches of mercury. (44)	Cloud. Mean cloud amount at 8 hrs. (45)	Departure from normal. (46)	Rainfall. Number of rainy days. (47)	Normal number of rainy days. (48)	Departure from normal. (49)	Rainfall of month. (50)	Normal rainfall of month. (51)	Departure from normal. (52)	Total rainfall from 1st May to 30th Sept., 1911. (53)	Normal rainfall for period, 1st May to 30th Sept. (54)	Departure from normal of period, 1st May to 30th Sept., 1911. (55)	Heaviest rainfall during month. (56)	Station. (57)
																														I.—Burma.
	1	8	6	6	2	1	S 1° W		6·7*			47		91		·869		7·9		24			28·69			122·32			3·48	Victoria Point.
8	5	4					N 78° E	N 76° W	6·6	1·6	+5·0	43	−15	93	+ 1	·863	+·005	6·4	−0·7	20	23·40	−3·40	36·18	27·22	+8·96	147·89	135·13	+12·76	4·50	Mergui.
							(a)	S 64° W	1·0*	1·3	−0·3			92	− 1	·863	−·003	7·2	−0·3	22	24·10	−2·10	28·97	34·81	−5·84	199·44	197·18	+ 2·26	5·12	Tavoy.
3	8	6	6	1	1		S 55° E	S 12° E	5·1	3·2	+1·9	53	+16	92	0	·876	−·004	8·1	+0·9	20	21·90	−1·90	24·58	28·34	−3·76	185·59	173·12	+12·47	5·40	Moulmein.
3	3	3	7	3	2		S 18° E	S 50° W	2·3	3·5	−1·2	30	−18	89	− 5	·900	−·015	8·9	+1·9	23	19·70	+3·30	15·63	15·63	0	92·23	86·03	+6·20	2·70	Rangoon.
1	5	2	9	2	2	2	S 13° E	S 5° W	3·7	4·0	−0·3	33	− 4	92	− 1	·924	+·004	7·1	+0·2	20	20·80	−0·80	14·05	15·48	−1·43	80·39	96·44	−16·05	2·12	Bassein.
3	3	5	5	7	1	1	S 10° E	S 51° W	8·2	7·9	+0·3	37	− 4	86	0	·900	+·015	7·7	+0·3	18	18·90	−0·90	19·83	17·72	+2·11	109·70	101·40	+8·30	3·47	Diamond Island.
3	2	7	8	1		1	S 41° E	S 32° E	2·4	3·1	−0·7	40	−15	88	− 3	·91	−·003?	6·4	−1·8	17	17·50	−0·5	10·29	12·39	−2·10	70·35	70·18	+0·17	1·19	Toungoo.
2	3	18	2	1	1		S 50° E		3·9*			62		88		·91		5·9		16			13·58			150·36			1·44	Kyaukpyu.
7	6	6	3	1			S 82° E	N 87° E	3·4	3·0	+0·4	46	− 9	92	0	·88	−·016	6·6	−1·2	19	13·80	+5·0	17·85	21·71	−3·82	181·47	174·37	+10·10	4·37	Akyab.
1		4	11	7			S 4° W	S 20° E	5·7*	5·1	+0·6	59	−19	83	− 1	·90	+·024	8·5	+1·0	9	11·70	−2·0	3·20	6·19	−2·99	24·70	30·29	−5·59	1·54	Thayetmyo.
2	2	21	2			1	S 50° E	S 42° E	3·5	8·2	−4·7	76	+ 9	85	0	·89	+·008	6·3	+0·7	13	9·30	+3·70	6·63	6·19	+0·44	26·00	26·05	−0·05	1·95	Minbu.
		10	6			1	S 29° E	S 30° E	3·1	5·5	−2·4	43	−24	88	+ 1	·89	−·015	4·7	+0·7	8	10·30	−2·30	7·55	7·31	+0·24	23·08	28·29	−5·21	2·05	Yamethin.
1		19	5	1			S 36° E	S 3° W	4·0	4·7	−0·7	72	+17	82	− 1	·859	−·034	4·4	−1·9	13	8·80	−4·20	9·21	6·08	+3·13	33·93	24·48	+9·45	1·91	Mandalay.
	3	10	2		1	1	S 53° E		2·9			33		90		·942		8·6		5	8·90	−3·90	2·30	7·73	−5·43	22·61	23·21	−0·60	0·87	Monywa.
3	1			2			N 66° E		2·4*			7		91	− 1	·717	−·015	8·5	+0·5	12			4·26	7·58	−3·32	48·56	50·45	−1·89	0·98	Lashio.
1							N 15° E	N 72° W	1·3	2·0	−0·7	10	− 4	93	+ 3	·887	+·008	8·5	+1·9	13	11·50	+1·50	12·12	9·17	+2·95	68·43	62·10	+6·33	2·93	Bhamo.
4			1				N 45° E		1·1			13		90		·847		7·3		19			13·60	9·48	+4·12	75·69	63·43	+12·26	3·25	Myitkyina.
																														II.—Eastern Bengal and Assam.
	1						E		0·5			3		93		·872		5·8		16	14·90	+1·10	13·52	12·64	+0·88	86·44	80·71	+5·73	4·14	Dibrugarh.
5			1			1	N 28° E	S 79° E	1·6	2·4	−0·8	20	+ 9	92	—	·903	−·028	7·5	−1·2	19	14·5	+4·50	12·51	11·86	+0·65	67·01	71·42	−4·41	1·96	Sibsagar.
							S 87° E		2·0			17		92		·899		7·1		14	12·0	+1·50	9·88	7·10	+2·78	78·93	54·70	+24·23	1·88	Tezpur.
5	1	1	2				N 45° E		1·8			3		88		·920		7·3		15	10·0	+5·00	11·50	6·15	+5·15	57·26	49·91	+7·35	2·60	Gauhati.
	1																													
8	7	1	2	5		2	N 84° E	N 82° E	6·4	4·3	+2·1	27	+ 5	90	− 2	·908	−·003	7·0	−0·5	18	13·0	+6·10	29·10	14·25	+14·85	86·29	82·95	+3·34	10·00	Dhubri.
1	3	2					S 82° E	N 77° E	1·8	2·2	−0·4	17	+14	91	0	·919	−·005	5·8	−2·9	19	13·30	+3·70	22·84	13·93	+8·91	103·90	90·91	+12·99	5·12	Silchar.
	7	16	1		2		S 61° E		5·1			60		89		·930		5·3		8			9·17			127·79			2·97	Cox's Bazar.
1	6	12		1			S 70° E	S 60° E	3·4	4·4	−1·0	49	−14	85	− 3	·907	−·020	6·2	−1·1	9	8·06	−4·06	7·81	11·63	−3·82	106·52	80·64	+25·88	1·27	Chittagong.
2	2	16	3	2			S 43° E		5·4			63		88		·935		5·6		15	15·48	−0·48	10·83	15·87	−5·04	111·23	100·17	+11·06	3·42	Noakhali.
1		4	7	2			S 11° E	S 27° E	1·0	2·8	−1·8	37	+11	86	− 2	·946	−·031	6·5	−0·7	11	14·35	−3·35	5·03	11·31	−6·28	70·68	64·36	+6·32	0·89	Barisal.
		11	8				S 27° E		2·5			60		90		·947		4·9		11	13·28	−2·28	4·73	10·99	−6·26	73·00	70·54	+2·46	0·93	Comilla.
	4	9	7	4	1		S 22° E	S 18° E	5·1	5·2	−0·1	59	+11	85	− 3	·955	−·016	7·3	−0·5	1	11·83	−1·83	4·69	9·37	−4·68	80·22	55·56	+24·66	1·07	Narayanganj.
	3	9	12		1		S 27° E		3·4			60		8		971		6·7			11·78	−2·78	5·64	9·01	−3·37	65·22	55·27	+9·95	2·41	Faridpur.
2	5	9	6	1	1		S 43° E		3·6			53		9		·956		7·9		)	11·61	−1·61	7·54	10·04	−2·50	65·52	53·19	+12·33	2·08	Sirajganj.
	3	3					S 67° E	S 63° E	0·7	2·7	−2·0	17	−33	8	− 3	·942	−·025	7·3	+0·2	12	15·03	−3·03	12·22	13·08	−1·86	84·85	77·77	+7·08	4·51	Mymensingh.
2	8	2	7	2			S 52° E	S 43° E	1·7	3·0	−1·3	37	−19	89	0	·966	+·004	7·1	+0·1	15	12·10	+2·90	11·47	11·73	−0·26	71·59	58·39	+13·20	1·53	Bogra.
3	1	7	5	3			S 34° E		3·1			37		84		·975		4·7		14	12·36	+1·64	11·78	10·08	+1·70	48·52	46·33	+2·19	2·52	Rampur Boalia.
5	8	10	3	2		1	S 71° E		5·7*			60		89		·966		3·5		13	11·45	+1·55	7·98	10·24	−2·26	51·27	45·28	+5·99	2·10	Malda.
8	8	4	4				S 89° E	S 76° E	2·3	3·6	−1·3	55	+ 3	90	0	·935	−·008	6·9	+0·1	14	12·56	+1·44	17·32	12·35	+4·97	67·44	61·77	+5·67	4·00	Dinajpur.
9	2	3	3	3			S 83° E		1·9			27		88		·917		4·9		15	13·55	+1·45	10·79	14·62	−3·83	61·46	70·86	−9·40	2·49	[illegible]gpur.

* Uncorrected for scale error.

(a) Indeterminate.

Tal

(2) bstract of observations taken at 8 hrs. at 242 stati

Number of subdivision.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	II.—Eastern Bengal and Assam—*concld.*																					
5	Jalpaiguri	283	29·491	—·003	29·732	29·593	12th	29·353	9th	·240	79·1	87·9	+0·7	75·6	+0·3	81·8	+0·5	12·3	95·4	23rd	71·9	19th
	Cooch Behar	156	29·616		29·78	29·710	12th	29·468	9th	·242	79·3	86·7		76·8		81·7		9·9	93·8	23rd	73·6	25th
	III.—Bengal.																					
6	Saugor Island	25	29·711	—·011	29·81	29·850	27th	29·543	10th	·307	82·5	87·9	−0·3	79·6	—0·1	83·7	—0·2	8·3	91·7	23rd	73·2	15th
	Midnapore	149	29·580		29·76	29·724	27th	29·448	9th	·276	79·9	89·2		77·6		83·4		11·6	92·3	23rd	73·7	16th
	Calcutta	21	29·719	−·015	29·87	29·810	27th	29·559	9th	·301	79·9	89·0	+1·4	78·5	+0·5	83·7	+0·9	10·5	92·4	23rd	76·0	5th, 15th & 16th.
	Jessore	33	29·727	—·006	29·77	29·819	27th	29·575	9th	·284	79·4	89·0	−0·4	78·0	—0·5	83·5	—0·5	11·0	91·5	23rd	72·2	13th
	Krishnagar	47	29·703		29·68	29·828	27th	29·547	9th	·281	79·2	90·1		76·9		81·5		11·2	95·4	23rd	76·0	30th
	Burdwan	99	29·640	—·020	29·68	29·769	27th	29·508	9th	·261	80·8	89·5	−0·2	76·7	—0·2	84·1	—0·2	10·8	93·9	23rd	75·3	30th
	Bankura	313	29·412		29·67	29·516	26th	29·262	9th	·254	80·7	89·0		77·5		83·2		11·5	92·6	30th	75·2	27th
	Raniganj	334	29·401		29·68	29·540	27th	29·274	9th	·266	80·2	88·7		77·9		83·3		10·8	93·0	30th	76·0	19th, 26th & 30th.
	Berhampore	67	29·682	—·011	29·698	29·810	27th	29·542	9th	·268	81·1	85·2	—0·7	78·5	0	83·4	—0·3	9·7	93·1	23rd	75·2	11th, 18th & 19th
7	Balasore	50	29·678	−·018	29·673	29·825	27th	29·533	10th	·292	82·1	88·7	−0·2	78·1	+0·3	83·4	+0·1	10·6	92·4	22nd	76·6	4 days.
	False Point	21	29·708	—·018	29·672	29·846	27th	29·483	23rd	·363	85·1	87·3	−0·6	77·9	+0·2	82·6	−0·4	9·4	90·2	16th	73·6	4th
	Cuttack	80	29·644	—·017	29·665	29·788	27th	29·423	23rd	·365	81·3	86·9	−1·3	77·7	—0·4	83·3	—0·9	11·2	91·5	8th & 21st.	71·2	11th
	Puri	24	29·700§		29·664§	29·810	27th	29·428	23rd	·412	83·3	88·4		79·7		84·0		8·7	92·1	16th	75·6	9th
	Angul	155	29·272		29·686	29·408	27th	29·070	24th	·338	80·9	88·5		76·7		82·6		11·8	91·1	4 days.	74·0	23rd & 24th.
	Sambalpur	486	29·244	—·030	29·678	29·367	27th	29·048	24th	·319	80·1	87·4	—1·9	77·3	0	82·4	−0·9	10·1	91·1	30th	74·1	13th
8	Chaibassa	*733*	28·982	−·022	29·665	29·921	27th	28·856	9th	·265	79·7	89·4	−0·7	76·4	+0·4	82·9	—0·1	13·0	98·1	29th & 30th.	73·8	17th
	Ranchi	2,128	27·610	—·019	29·652	27·[illegible]0	27th	27·487	9th	·253	75·1	83·0	—1·4	72·5	+0·8	77·8	—0·3	10·5	87·2	29th & 30th.	65·9	10th
	Purulia	*816*	28·894‖		29·660‖	28·9[illegible]	30th	28·761	9th	·200	78·9	[illegible]·5		75·9		82·7		13·6	93·5	4 days.	72·1	29th
	Hazaribagh	2,007	27·741	−·006	29·675	27·86	27th	27·611	9th	·255	75·8	8[illegible]·4	—1·3	72·6	+0·4	78·0	—0·5	10·8	87·6	29th	70·0	19th
	Daltonganj	*730*	28·977		29·666	29·090	27th	28·847	9th	·243	78·9	8[illegible]·1		76·2		82·1		11·9	93·1	29th & 30th.	73·5	16th & 20th.
9	Purnea	134	29·622	—·001	29·711	29·729	26th	29·480	9th	·249	80·4	8[illegible]	—1·6	77·3	—0·1	82·3	—0·9	10·0	93·6	24th	70·2	19th
	Bhagalpur	160	29·572§		29·680§	29·785	26th	29·426	9th	·259	81·6	88[illegible]		77·8		83·1		10·6	93·2	24th	71·8	19th
	Monghyr	155	29·575		29·683	29·700	7th	29·438	9th	·262	82·5	88·[illegible]		77·7		83·0		10·6	92·7	24th	70·9	19th
	Darbhanga	165	29·562	—·024	29·682	29·676	6th	29·418	9th	·258	81·3	88·6	+0·3	74·5	—1·3	83·1	—0·5	11·1	93·6	23rd	69·7	19th
	Pusa	188	29·521¶		29·664¶	29·637	2[illegible]th	29·401	9th	·236	81·7	89·0		76·6		82·8		12·4	93·8	24th & 29th.	68·4	19th
	Muzaffarpur	177	29·558		29·692	29·674	2[illegible]th	29·411	9th	·263	81·2	88·4		77·3		82·8		11·1	93·2	24th	70·0	19th
	Motihari	221	29·508		29·690	29·633	2[illegible]	29·359	9th	·274	80·5	88·6		77·4		83·0		11·2	93·6	23rd & 24th.	70·3	20th
	Chapra	181	29·526§		29·662§	29·616	17[illegible]	29·388	9th	·228	80·8	88·4		77·8		83·1		10·6	94·8	24th	70·8	19th
	Patna	183	29·532	+·031	29·670	29·651	27th	29·386	9th	·265	82·8	87·8	+2·1	78·4	—0·7	83·1	—1·4	9·4	91·0	24th	72·2	19th
	Arrah	190	29·517		29·660	29·627	27th	29·368	9th	·259	81·5	87·8		78·4		83·1		9·4	92·5	24th	72·3	9th
	Buxar	239	29·462		29·658	29·583	27th	29·298	9th	·285	81·0	87·8		77·5		82·7		10·3	93·0	29th	72·6	19th
	Dehri	351	29·340		29·647	29·458	27th	29·198	9th	·260	80·9	88·1		78·1		83·1		10·0	92·3	24th & 29th.	74·5	19th
	Gaya	372	29·332	—·032	29·658	29·468	27th	29·198	8th	·270	81·9	89·3	−1·7	78·0	+0·2	83·6	—0·7	11·3	93·9	29th	74·2	14th
	Naya Dumka	489	29·253	—·001	29·694	29·378	27th	29·118	9th	·260	80·4	87·8	—0·[illegible]	76·4	+0·1	82·1	—0·1	11·4	92·9	23rd	72·5	18th
	IV.—United Provinces of Agra and Oudh.																					
10	Gorakhpur	257	29·460	—·017	29·675	29·572	27th	29·307	9th	·265	80·6	88·0	—2·5	75·9	—1·8	82·0	—2·1	12·1	94·1	24th	72·3	19th & 20th.
	Benares	267	29·438	—·026	29·659	29·555	27th	29·252	9th	·303	81·1	88·9	—2·1	77·2	—0·2	83·1	—1·1	11·7	94·1	29th	72·1	16th
	Allahabad	309	29·392	—·030	29·657	29·489	27th	29·244	9th	·245	80·7	88·5	—3·0	76·6	—0·3	82·5	—1·7	11·9	93·6	29th & 30th.	74·0	4 days.

N.B.—Elevations in italics indicate barometrical determinations.

NOTE.—The barometric readings are not reduced to sea-level in the cases of hill or plateau stations the elevations of which exceed 3,000 feet.

§ Mean of 29 days.
‖ " 26 "
¶ " 27 "

—continued.

India, etc., in September, 1911—continued.

Wind direction. Number of winds from N.E. (27)	E. (28)	S.E. (29)	S. (30)	S.W. (31)	W. (32)	N.W. (33)	Resultant direction. (34)	Normal direction. (35)	Wind velocity. Mean velocity, miles per hour. (36)	Normal. (37)	Departure from normal. (38)	Wind steadiness. Actual percentage. (39)	Departure from normal. (40)	Hygrometry 8 hrs. Mean humidity at 8 hrs. (41)	Departure from normal. (42)	Mean vapour tension at 8 hrs. in inches of mercury. (43)	Departure from normal, in inches of mercury. (44)	Cloud. Mean cloud amount at 8 hrs. (45)	Departure from normal. (46)	Rainfall. Number of rainy days. (47)	Normal number of rainy days. (48)	Departure from normal. (49)	Rainfall of month. (50)	Normal rainfall of month. (51)	Departure from normal. (52)	Total rainfall from 1st May to 30th Sept., 1911. (53)	Normal rainfall for period, 1st May to 30th Sept. (54)	Departure from normal of period, 1st May to 30th Sept., 1911. (55)	Heaviest rainfall during month. (56)	Station. (57)
																														II.—Eastern Bengal and Assam—*concld.*
3	3	2				1	N 76° E	N 73° E	1·7			20	−40	90	− 1	·900	−·003	6·5	−0·5	18	14·75	+3·25	25·10	19·75	+ 3·35	105·69	112·15	−6·46	4·20	Jalpaiguri.
7	4	4	2				N 89° E		2·1			40		91‡		·917‡		8·2		14	17·31	−0·31	27·58	26·59	+ 0·99	136·43	131·74	+4·69	5·60	Cooch Behar.
																														III.—Bengal.
	3	6	13	5			S 11° E	S 2° W	13·6	11·0	+2·6	62	+33	87	− 1	·975	−·009	7·7	−0·5	13	13·29	−0·29	8·12	11·67	−3·55	42·28	56·49	−14·21	2·72	Saugor Island.
5	2	10	4	1	2	1	S 32° E		3·1			47		94		1·027		5·5		15	12·13	+2·87	9·83	8·76	+1·07	44·64	48·89	−4·25	1·85	Midnapore.
2	8	8	4	7		1	S 49° E	S 13° E	4·3*	4·1	+0·2	49	+16	89	+ 2	·936	+·009	7·4	+0·7	15	13·38	+1·62	7·31	10·35	−3·04	35·41	52·57	−17·16	1·88	Calcutta.
2		16	7	1			S 34° E	S 32° E	4·3	3·2	+1·4	69	+32	85	− 5	·917	−·054	6·0	−1·1	8	11·24	−3·94	3·97	8·90	−5·83	43·10	52·54	−9·44	0·84	Jessore.
	4	6	6	1			S 35° E		0·9			40		88		·953		6·2		17	10·45	+6·55	14·92	8·51	+6·41	57·82	45·45	+11·37	4·03	Krishnagar.
2	8	1	2	5			S 69° E	S 18° E	2·0	3·0	−1·0	23	+ 1	89	+ 4	·955	+ 034	7·7	+0·7	16	12·10	+3·90	11·68	8·70	+2·98	40·68	49·09	−9·01	2·89	Burdwan.
	1	5		1	2		S 47° E		3·5			17		82		·87		6·3		14	12·53	+1·47	8·63	8·91	−0·28	57·97	47·10	+10·87	1·75	Bankura.
	3	2					S 76° E		1·5			13		92		·94		7·6		15	11·61	+3·39	8·12	8·41	−0·29	45·27	45·75	−0·48	1·60	Raniganj.
2	8	7	8	1			S 56° E	S 19° E	4·3	3·7	+0·6	53	+15	88	− 2	·93	−·027	8·1	+0·7	13	12·48	+0·5	16·57	10·03	+6·49	57·34	47·19	+10·15	4·50	Berhampore.
1	1	1	8	7			S 13° W	S 59° W	2·4	3·5	−1·1	37	+15	84	− 4	·9	−·064	6·1	−0·9	14	13·87	+0·3	11·25	12·23	−0·98	36·45	43·96	−12·51	2·33	Balasore.
1	1	3	5	7	5	4	S 50° W	S 58° W	9·5	8·5	+1·0	37	0	85	0	·8	−·002	8·0	+0·9	8	12·90	−4·90	7·83	10·38	−2·55	30·68	43·08	−17·40	3·53	False Point.
	1	3	1	3	5	1	S 46° W	S 81° W	2·3*	2·4	−0·1	27	− 3	85	+ 3	10	+·015	7·3	+1·3	15	13·00	+·00	12·75	10·09	+2·66	43·98	49·62	−5·64	2·09	Cuttack.
1			4	14	1	1	S 45° W		10·1			50		85		·85		6·6		12	12·18	−·18	6·28	9·37	−3·09	42·50	40·72	+1·78	1·11	Puri.
3	1	5	2	3		13	N 45° W		7·8			27		85		·888		6·3		9			5·35	6·76	−1·41	39·55	38·96	+0·59	1·85	Angul.
2	1	2	6	16	2		S 29° W	S	4·8	3·9	+0·9	62	+40	87	+ 5	·890	+·002	8·1	+2·1	16	11·80	+4·20	8·12	9·02	−0·90	61·51	60·66	+0·85	2·03	Sambalpur.
4				3	3	1	N 73° W	S 53° W	2·2	1·4	+0·8	7	−16	87	+ 3	·879	−·007	7·6	+1·8	13	12·00	+1·00	8·52	8·82	−0·30	34·81	44·67	−9·86	1·27	Chaibassa.
1	4	5	5	5	6	2	S 18° W	S 79° W	6·4	6·9	−0·5	30	+ 8	89	+ 6	·780	+·030	7·9	+2·2	12	13·66	−1·66	12·20	9·52	+2·68	49·18	49·05	+0·13	2·32	Ranchi.
1	4	4	3	1			S 54° E		1·7			27		93		·921		4·1		14	11·61	+2·39	9·98	10·61	−0·63	42·37	44·30	−1·93	1·26	Purulia.
1	5	2	3	3	3	2	S 8° E	S 27° W	5·9	7·4	−1·5	13	−13	86	+ 2	·758	−·007	7·1	+0·4	18	11·97	+6·03	13·76	9·04	+10·72	68·25	45·56	+22·69	4·03	Hazaribagh.
4	6		2	3	1		S 87° E		3·2			20		91		·894		5·5		15	10·4	+4·52	10·55	7·16	+3·39	45·60	36·37	+8·73	3·33	Daltonganj.
8	9	5				1	N 75° E	N 88° E	3·2	3·0	+0·2	56	+18	92	+ [illegible]	·946	−·008	7·3	+1·3	16	11·0	+4·60	18·95	12·72	+6·23	59·69	56·00	+3·69	4·98	Purnea.
1	1	4					S 66° E		2·6			17		88		·913		6·9		12	9·9	+2·61	14·10	9·48	+4·62	63·97	44·10	+19·87	3·22	Bhagalpur.
	16	8				1	S 77° E		3·0			70		89		·991		7·7		15			20·84			68·06			6·58	Monghyr.
	20			1			S 88° E	S 76° E	4·3	3·8	+0·5	62	+12	88	− 2	·914	+·003	8·5	+3·4	6	·27	−3·27	6·13	8·93	−2·75	45·10	45·25	−0·15	2·27	Darbhanga.
9	6	5		1		2	N 78° E**		4·7			47		89		·964		7·3		11			8·10			47·42			2·74	Pusa.
	12	12					S 67° E		5·1*			77		88		·930		4·3		11	8·94	+2·06	6·19	7·41	−0·92	40·28	43·98	−3·70	1·80	Muzaffarpur
10	14						N 69° E		3·4*†			73		90		·933		5·7		11	8·97	+2·03	4·19	9·49	−5·30	39·53	50·80	−11·27	1·11	Motihari.
							?		?			?		91		·956		7·2		17	8·35	+8·65	13·02	6·93	+6·09	46·61	37·25	+9·36	3·01	Chapra.
	23	4					S 86° E	S 74° E	7·7	3·9	+3·8	86	+56	86	+ 3	·968	+·038	7·4	+1·3	13	9·29	+3·71	9·25	7·29	+1·96	46·41	41·91	+4·50	2·74	Patna.
2	8	6	3		1		S 69° E		2·0			47		91		·979		7·9		1	9·29	+7·71	21·57	7·32	+14·25	53·28	39·33	+13·95	3·52	Arrah.
2	17	4	1	2	2	1	S 30° E		3·8			57		89		·937		7·2		5	9·03	+5·97	14·96	6·88	+8·08	41·60	35·91	+5·68	2·73	Buxar.
1	6	6	3	4	4	2	S 23° E		6·2			27		9		·945		5·3		7	8·94	+8·06	10·72	7·00	+3·72	36·63	37·40	−0·77	2·40	Dehri.
5	1	7	3		4	1	S 81° E	S 37° W	2·7	3·8	−1·1	17	−16	5	+ 3	·920	+·034	5·2	−0·6	16	9·13	+6·87	12·69	7·79	+4·90	46·70	41·75	+4·95	2·17	Gaya.
	3	1					S 79° E		2·1			13		87		·907		6·6		15	13·30	+1·70	11·22	10·05	+1·17	56·75	50·89	+5·86	1·95	Naya Dumka.
																														IV.—United Provinces of Agra and Oudh.
17	2	1					N 53° E	N 63° E	2·4	2·0	+0·4	59	+3[illegible]	90	+ 6	·934	+·029	7·4	+2	13	8·60	+4·40	18·03	7·81	+10·27	50·65	44·44	+6·21	4·59	Gorakhpur.
2	3	9	1	1	2	1	S 55° E	S 31° W	2·9	3·8	−0·9	27	+1[illegible]	88	+ 4	·933	+·024	7·7	+[illegible]	13	8·40	+4·60	9·[illegible]	6·[illegible]	+2·79	30·18	34·85	−4·67	2·57	Benares.
7	6	2			4	3	N 48° E	N 63° W	4·4	5·9	−1·5	27	+12	87	+ 7	·905	+·016	8·6	+1	17	7·40	+9·60	14·16	5·[illegible]	+8·77	28·52	31·36	−5·84	5·03	Allahabad.

* Uncorrected for scale error.
† Mean of 17 days.
‡ Mean of 21 days.
** Wind variable 3.

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(2) bstract of observations taken at 8 hrs. at 242 stati

Number of subdivision.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range
1	2	3	4	5	6	7	8	9	10	11		13	14	15	16	17	18	19	20	21	22	23	
	IV.—United Provinces of Agra and Oudh—*concld.*																						
10	Cawnpore	416	29·288	—·022	29·461	29·383	17th	29·161	10th	·222	7[illegible]	87·2	—5·2	76·3	—0·3	81·8	—2·7	10·9	92·7	17th	71·9	19th	
	Lucknow	368	29·348	—·014	29·614	29·460	17th	29·240	8th	·220	8[illegible]	87·7	—4·4	75·8	—0·7	81·7	—2·5	11·9	93·5	24th	72·1	18th	
	Bahraich	401	29·305	—·021	29·616	29·398	17th	29·178	9th	·220	8[illegible]	88·2	—2·8	76·5	+0·3	82·4	—1·3	11·7	93·6	24th	71·0	25th	
11	Jhansi	824	28·891	—·034	29·67[illegible]	28·[illegible]87	16th	28·752	26th	·235	7[illegible]	86·7	—5·0	74·9	—0·9	80·8	—2·9	11·8	93·0	1st	72·0	30th	
	Agra	556	29·150	—·029	29·[illegible]6	29·229	12th	29·045	9th	·184	8[illegible]	90·6	—2·5	76·7	0	83·7	—1·3	13·9	97·0	1st & 25th.	73·5	27th	
	Mainpuri	516	29·156	—·014	29·67[illegible]	29·274	12th	29·089	9th	·185	79	88·3	—4·8	75·8	—0·1	82·1	—2·5	12·5	95·8	1st	73·1	18th, 24th & 27th.	
	Bareilly	568	29·145	—·006	29·673	29·229	12th	29·026	9th	·203	79	87·8	—2·7	75·1	—0·7	81·4	—1·7	12·7	92·8	25th	70·0	19th	
	Meerut	733	28·987	—·001	29·683	29·092	26th	28·850	9th	·242	80	90·8	—1·0	75·5†	+0·7†	83·0†	—0·1†	15·3†	96·6	9th	70·8	27th & 28th.	
	Roorkee	899	28·836	+·008	29·704	28·948	12th	28·699	9th	·249	77	86·5	—4·8?	73·3	0	79·9	—2·4?	13·2	92·0	25th	68·9	22nd	
	Dehra Dun	2,233	27·528	—·003	29·692	27·649	12th	27·380	9th	·269	73·1	82·9	—1·4	69·8	—0·2	76·4	—0·8	13·1	88·0	24th & 25th.	64·0	22nd	
	V.—Punjab.																						
12	Delhi	718	28·995	—·010	29·674	29·083	12th	28·846	9th	·237	81·7	93·5	+0·5	77·4	+0·4	85·5	+0·5	16·1	99·5	8th & 25th.	71·3	28th	
	Sirsa	662	29·039	—·016	29·662	9·134	26th & 27th.	28·883	9th	·251	84·0	98·7	—0·2	78·3	+2·6	88·5	+1·2	20·4	107·3	8th	70·0	30th	
	Patiala	*818*	28·889		29·670	2·002	12th	28·726	9th	·276	81·1	92·1		75·8		83·9		16·3	99·2	8th	64·0	29th	
	Ambala	892	28·822	—·005	29·677	2[illegible]929	12th	28·666	9th	·263	81·2	4·9	+1·2	75·5	+1·6	85·2	+1·4	19·4	101·5	8th, 17th & 25th.	67·9	22nd	
	Ludhiana	812	28·906	—·002	29·683	29·24	27th	28·733	9th	·291	81·0	4·6	0·3	76·7	+1·9	85·6	+0·8	17·9	102·5	8th	67·5	22nd	
	Lahore	702	28·998	—·007	29·668	29·15	27th	28·808	9th	·307	83·3	1·9	0	77·7	+5·1	88·3	+2·5	21·2	103·9	8th	71·2	22nd	
	Sialkot	830	28·879	—·001	29·678	29·00	27th	28·688	9th	·312	80·9	8·8	—1·9	75·1	+1·3	84·5	—0·3	18·7	100·0	8th	66·5	22nd	
	Rawalpindi	1,674	28·056	—·012	29·678	28·18	26th	27·857	9th	·323	79·7	9·7	—0·9	72·1	+3·2	82·4	+1·1	20·6	99·9	7th	64·9	28th	
13	Khushab	612	29·084	—·004	29·659	29·213	26th	28·886	9th	·327	86·2	100·[illegible]	+1·1	80·0	+4·2	90·3	+2·7	20·7	107·4	7th	73·9	27th & 28th.	
	Montgomery	558	29·126	—·016	29·617	29·239	27th	28·961	9th	·278	85·8	99·[illegible]	—2·1	78·5	+2·4	89·1	+0·1	21·1	105·9	7th	69·0	22nd	
	Multan	420	29·265	—·007	29·646	29·387	27th	29·094	9th	·293	86·1	100·[illegible]	+0·4	80·5	+2·9	90·6	+1·7	20·2	105·8	6th	76·5	22nd, 24th & 30th.	
	VI.—North-West Frontier Province.																						
15	Peshawar	1,113	28·595	—·034	29·675	28·753	2[illegible]th	28·382	9th	·371	79·5	97·9	+1·9	73·5	+3·4	85·7	+2·7	24·4	103·7	9th	64·4	26th & 28th.	
	D. I. Khan	590	29·096	—·024	29·652	29·244	2[illegible]th	28·898	9th	·346	83·6†	99·6	—0·9	77·8	+2·9	88·7	+1·0	21·8	106·4	7th	67·8	22nd	
	VII.—Sind.																						
17	Jacobabad	186	29·496	—·019	29·639	29·600	26th	29·323	10th	·277	87·5	105·8	[illegible]	79·2	+3·2	92·5	+2·7	26·6	112·1	30th	72·8	27th	
	Hyderabad§	96	29·622	—·011	29·670	29·686	16th	29·473	9th	·213	82·3	98·1	+[illegible]·6	77·0	+0·8	87·6	+0·7	21·1	110·0	28th	73·0	28th & 30th.	
	Karachi	13	29·760	—·007	29·724	29·829	27th	29·629	9th	·200	79·6	85·3	—1	77·0	+1·5	81·1	+0·7	8·3	88·0	16th	72·0	30th	
	VIII.—Rajputana.																						
18	Bikaner	*771*	28·942	—·019	29·669	29·005	16th & 17th.	28·820	9th	·185	84·1	98·9	+0·4	79·3	+0·1	89·1	+0·3	19·6	104·0	7th	74·0	29th & 30th.	
	Jodhpur	780	28·973	—·020	29·709	29·053	16th	28·868	9th	·185	81·1	94·2	—1·5	76·1	0	85·2	—0·7	18·1	102·5	26th	72·3	29th	
19	Jaipur	1,431	28·308	—·035	29·685	28·401	16th	28·177	28th	·224	79·4	90·8	—3·4	74·6	+1·0	82·7	—1·2	16·2	98·2	25th	70·1	28th	
	Sambhar	1,254	28·489	—·010	29·691	28·583	16th	28·381	28th	·202	80·2	92·3	—1·4	74·6	—0·5	83·5	—0·9	17·7	97·9	26th	69·9	29th	
	Ajmer	1,611	28·143	—·024	29·695	28·222	16th	28·[illegible]5	9th	·157	77·4	88·1	—2·7	75·6	+2·0	81·9	—0·3	12·5	94·4	26th	70·2	30th	
	Kotah	819?	28·891	—·039	29·663?	28·989	16th	28·7[illegible]	27th	·230	81·6	89·9	—2·9	76·4	—1·2	83·1	—2·1	13·5	96·1	25th	73·1	27th	
	Udaipur	1,925	27·862	—·027	29·709	27·947	16th	27·78[illegible]	9th	·165	78·5	86·8	—1·2	71·0	+1·7	79·9	+0·3	13·9	93·5	30th	70·3	18th, 24th & 30th.	
	IX.—Bombay.																						
20	Deesa	466	29·322	—·013	29·741	29·395	16th	29·231	9th	·164	81·7	95·9	+3·1	76·6	+2·7	86·3	+2·9	19·3	106·8	29th	70·4	8th	
	Bhuj	395	29·398	+·001	29·744	25·457	16th	29·290	9th	·167	80·6	94·0	+1·9	75·7	+1·1	84·9	+1·5	18·3	105·0	28th	73·5	29th	

N.B.—Elevations in italics indicate barometrical determinations.

† Mean of 26 days.

—*continued.*

India, etc., in September, 1911—continued.

Wind direction. Number of winds from: N. (26)	N.E. (27)	E. (28)	S.E. (29)	S. (30)	S.W. (31)	W. (32)	N.W. (33)	Resultant direction. (34)	Normal direction. (35)	Wind velocity. Mean velocity, miles per hour. (36)	Normal. (37)	Departure from normal. (38)	Wind steadiness. Actual percentage. (39)	Departure from normal. (40)	Hygrometry, 1 p.m. Mean humidity at 8 hrs. (41)	Departure from normal. (42)	Mean vapour tension at 8 hrs. in inches of mercury. (43)	Departure from normal in inches of mercury. (44)	Cloud. Mean cloud amount at 8 hrs. (45)	Departure from normal. (46)	Rainfall. Number of rainy days. (47)	Normal number of rainy days. (48)	Departure from normal. (49)	Rainfall of month. (50)	Normal rainfall of month. (51)	Departure from normal. (52)	Total rainfall from 1st May to 30th Sept., 1911. (53)	Normal rainfall for period, 1st May to 30th Sept. (54)	Departure from normal of period, 1st May to 30th Sept., 1911. (55)	Heaviest rainfall during month. (56)	Station. (57)
																															IV.—United Provinces of Agra and Oudh—*concld.*
3	9	6	3		2	3	1	N 55° E	S 45° W	3·8	3·6	+0·2	37	+29	89	+ 9	·854	·019	5·5	+1·5	19	6·70	+12·30	12·30	6·27	+ 6·03	21·17	32·49	−11·32	2·60	Cawnpore.
2	1	2	5		1		1	S 81° E	S 83° E	2·4	2·8	−0·4	17	+10	83	+ 7	·922	·045	6·8	+1·9	19	8·10	+10·90	20·53	5·76	+14·77	29·40	34·41	− 5·01	3·90	Lucknow.
4	6	9	7	2	1		1	N 86° E	S 68° E	2·8	3·2	−0·4	56	+15	85	+ 3	·890	·015	5·6	+1·6	12	7·40	+4·60	17·32	7·07	+10·25	44·26	39·98	+4·28	3·60	Bahraich.
3	2	1	1	2	7	8	6	N 86° W	N 1° E	4·9	3·3	+1·6	46	+11	82	+ 7	·827	·025	7·8	+4·8	14	6·80	+7·20	13·18	6·14	+ 7·04	22·66	34·90	−12·24	5·14	Jhansi.
2	4	4	3	2	3	1	1	S 82° E	S 59° W	5·9	4·5	+1·4	17	− 5	83	+ 9	·876	+·069	6·1	+2·6	15	4·80	+10·20	11·39	3·85	+ 7·54	16·29	24·67	−8·38	4·51	Agra.
6	4	5	5	2	2	2	1	N 70° E	S 86° W	2·4	1·5	+0·9	23	+ 4	87	+ 9	·874	+·041	6·6	+2·4	16	6·70	+9·30	13·08	3·89	+ 9·49	20·03	23·37	−3·34	2·45	Mainpuri.
		4						E	S 56° E	0·9	2·3	−1·4	13	−13	91	+ 9	·913	+·067	6·6	+2·8	16	6·73	+9·27	14·21	6·90	+ 7·31	24·76	40·24	−15·48	3·63	Bareilly.
2	2	4	6	2			3	S 85° E	S 56° W	1·8	1·8	0	23	+16	80	+ 4	·834	+·055	4·1	+1·1	8	5·00	+3·00	13·65	5·72	+ 7·94	17·06	28·12	−11·06	6·54	Meerut.
			6				2	S 45° E	S 58° E	1·5	1·9	−0·4	13	− 2	85	+ 4	·803	+·018	5·4	+1·8	13	5·70	+7·30	12·37	5·69	+ 6·68	31·89	36·61	−4·72	5·65	Roorkee.
								(a)	S 5° W	0·8	1·0	−0·2			88	+ 5	·729	+·032	7·0	+2·2	16	10·20	+5·80	15·85	9·43	+ 6·42	56·54	76·88	−20·34	2·61	Dehra Dun.
																															V.—Punjab.
2	4	4	5	2		6	5	N 16° E	S 85° W	4·7	3·5	+1·2	10	−19	76	+ 7	·803	+·058	4·1	+1·2	8	4·10	+3·90	11·70	4·40	+ 7·30	18·15	24·07	−5·92	6·74	Delhi.
2	2	3	1	8	7	1	1	S 9° W	S 59° W	6·6	4·9	+1·7	30	+ 8	63	− 1	·72	−·001	2·4	+0·3	0	3·20	−3·20	0·13	1·97	− 1·84	2·86	11·76	−8·90	0·05	Sirsa.
	1	6	12	1	1	4	3	S 49° E		5·2			33		78		·82		3·1		8			3·81	3·84	− 0·03	9·54	20·48	−10·94	1·12	Patiala.
2	2	6	11	2		3		S 62° E	S 39° W	3·5	1·5	+2·0	43	+14	75	− 7	·70	−·007	3·5	+0·8	6	3·90	+2·10	3·16	3·99	− 0·83	13·24	24·05	−10·81	1·85	Ambala.
1			6	1			1	S 45° E	S 20° E	0·8	1·4	−0·6	13	+ 1	75	0	·72	+·038	2·4	−0·7	3	3·40	−0·40	1·28	3·93	− 2·65	8·88	23·04	−14·16	0·75	Ludhiana.
4	1	2	5	3		5	1	S 26° E	S 34° E	2·0	2·1	−0·1	3	−12	71	+ 4	·71	+·077	1·4	0	1	2·30	−1·30	0·30	2·47	− 2·17	7·62	15·77	−8·15	0·13	Lahore.
4	5	11	3	1				N 75° E	N 73° E	1·5	1·8	−0·3	56	+15	79	+ 9	·27	+·087	1·8	−0·4	4	3·30	+0·70	2·04	3·61	− 1·57	13·32	24·52	−11·20	0·84	Sialkot.
								(a)	N 56° E	1·8	1·5	+0·3			72	0	·738	+·073	3·2	+1·3	6	4·20	+1·80	4·80	3·43	+ 1·37	13·1.	23·83	−10·66	1·95	Rawalpindi.
	7	12	5	1	1			S 89° E	N 65° E	6·1	5·4	+0·7	69	+13	55	− 4	·701	+·022	1·4	+0·3	1	1·60	−0·60	0·26	1·36	− 1·10	6·40	10·35	−3·95	0·26	Khushab.
	1	2	2	7	9	2	1	S 20° W	S 4° W	6·2	6·9	−0·7	46	+ 2	56	− 3	·685	−·017	0·9	−0·3	1	1·30	−0·30	0·40	1·34	− 0·94	4·16	8·20	−4·04	0·40	Montgomery.
1			1	6	7			S 22° W	S 5° W	1·2	2·6	−1·4	40	− 1	61	− 4	·753	+·004	0·7	+0·1	1	0·70	+0·30	0·15	0·36	− 0·21	2·25	5·02	−2·77	0·15	Multan.
																															VI.—North-West Frontier Province.
3	1			2		6	3	N 62° W	N 34° W	2·0	2·8	−0·8	27	− 3	68	+ 5	·688	+·055	1·6	+0·5	2	1·40	+0·60	0·26	0·75	−0·49	1·09	5·50	−4·41	0·15	Peshawar.
1	7		6				2	N 68° E	N 67° E	1·4†	1·8	−0·4	27	− 3	73†	+	·850†	+·119	1·3	+0·7	1	1·00	0	1·76	0·59	+1·17	2·81	6·05	−3·24	1·68	D. I. Khan.
																															VII.—Sind.
		1	7	2				S 41° E	S 48° E	3·5	2·9	+0·6	30	−18	63	− 6	·813	+·030	0·1	−0·5	0	0·50	−0·50	0	0·08	−0·08	0·05	2·40	−2·35	0	Jacobabad.
				10	18			S 30° W	S 39° W	11·4	13·6	−2·2	92	+18	68	0	·753	+·036	3·2	+1·6	0	0·80	−0·80	0·02	0·48	−0·46	0·02	6·24	−6·22	0.02	Hyderabad.
					5	23	2	S 86° W	S 77° W	14·4	14·6	−0·2	92	+11	83	− 2	·833	−·018	6·5	+1·5	0	0·60	−0·60	0·12	0·44	−0·32	0·21	6·19	−5·98	0·06	Karachi.
																															VIII.—Rajputana.
1	2	1		1	8	11	2	S 80° W	S 46° W	8·1	6·8	+1·3	53	− 7	60	− 3	·691	−·045	2·5	+0·1	0	1·90	−1·90	0·21	1·26	− 1·05	2·64	10·20	−7·56	0·09	Bikaner.
3	2	1		2	12	8	1	S 71° W		4·3			53		65	− 3	·691		4·6		5	2·50	+2·50	3·20	2·40	+ 0·80	4·32	12·40	−8·08	1·33	Jodhpur.
4	4	1		1		10	8	N 46° W	N 68° W	5·2*	4·2	+1·0	53	+12	77	+ 4	·770	+·048	5·5	+1·9	5	4·90	+0·10	4·08	3·42	+ 0·66	14·65	22·18	−7·53	1·32	Jaipur.
4	2			1	1	12	5	N 64° W	N 86° W	7·2	6·8	+0·4	53	+ 5	7[illegible]	+ 4	·741	+·012	4·6	+1·7	5	3·80	+1·20	2·44	2·63	− 0·19	6·16	17·88	−11·72	0·97	Sambhar.
	1				11		9	S 87° W	S 89° W	4·7	5·6	−0·9	43	−24	7[illegible]	+ 2	·722	−·012	4·2	+1·1	3	4·10	−1·10	3·48	2·57	+ 0·91	7·27	19·38	−12·11	2·93	Ajmer.
2	1				4	10	11	N 69° W		4·1			69		72	+ 4	·763		4·0		9	5·10	+3·90	5·38	5·04	+ 0·34	15·51	26·52	−11·01	1·35	Kotah.
1		1	1		3	12	6	N 81° W		3·8			56		71	− 1	·688		4·3		6	6·10	−0·10	6·36	4·27	+ 2·09	13·59	22·57	−8·98	1·94	Udaipur.
																															IX.—Bombay.
															73	− 3	·781	+·003	5·5	+0·5	2	3·73	−1·73	1·44	3·62	− 2·18	4·76	23·35	−18·59	0·74	Deesa.
					10	15	5	S 82° W	N 87° W	12·5	12·2	+0·3	82	+ 4	79	+ 4	·820	+·034	6·7	+2·3	0	2·00	−2·00	0·04	1·83	− 1·79	0·56	13·37	−12·81	0·02	Bhuj.

(a) Indeterminate.

* Uncorrected for scale error.

† Mean of 22 days.

Tab

(2) *Abstrct of observations taken at 8 hrs. at 242 stati*

Number of subdivision.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	IX.—Bombay—*concld.*																					
20	Jamnagar	61	29·744		29·751	29·802	17th	29·651	9th	·151	·5	90·5		75·0		82·7		15·5	95·5	30th	71·2	22nd
	Dwarka	37 ?	29·787	—·013?	29·770	29·840	16th	29·695	9th	·145	·7	85·4	+0·2	77·2	—0·1	81·3	+0·1	8·2	86·8	12th & 13th.	75·7	9th & 17th.
	Rajkot	429	29·395	+·011	29·775	29·454	17th	29·295	9th	·159	·4	93·7	+2·3	73·1	+0·7	83·4	+1·5	20·6	104·6	30th	70·5	20th, 21st & 22nd.
	Veraval	*18*	29·823	+·001	29·784	29·872	17th	29·749	11th	·123	·5	82·2	—1·6	76·9	+0·6	79·6	—0·5	5·3	83·1	11 days	74·0	23rd
	Bhavnagar Para	55	29·783	—·019	29·784	29·853	17th	29·707	9th & 10th.	·146	·6	94·3	+1·3	75·8	+0·2	85·0	+0·7	18·5	103·0	27th & 28th.	71·0	30th
	Surat	39	29·812	+·012	29·794	29·876	17th	29·738	9th	·138	·5	88·0	—0·5	75·8	+0·3	81·9	—0·1	12·2	90·9	24th & 25th.	73·1	10th, 18th & 20th.
	Ahmadabad	163	29·636	—·028	29·719	29·718	11th	29·559	9th	·159	86	95·9	+3·8	75·5	—0·7	85·7	+1·5	20·4	104·6	27th & 28th.	72·7	14th & 30th.
26	Bombay	37	29·842	+·008	29·819	29·905	15th	29·777	4th & 24th.	·128	7[illegible]	85·8	+1·3	77·5	+1·0	81·6	+1·1	8·3	87·5	29th & 30th.	75·5	22nd
	Ratnagiri	110	29·783	+·020	29·832	29·84[illegible]	15th	29·714	24th	·126	7[illegible]	84·1	—0·1	74·8	+0·4	79·5	+0·1	9·3	85·3	4 days	71·9	23rd
	Goa	199	?	?	?	?	?	?	?	?	78	82·1	—0·5	76·4	+0·9	79·3	+0·2	5·7	84·1	29th & 31th.	74·1	4 days
	Marmagao	*60*	29·853	+·008	29·847	29·917	15th	29·778	24th	·139	78[illegible]	83·6	+0·1	75·0	—0·1	79·3	0	8·6	85·0	18th, 19th & 20th.	72·2	25th
	Karwar	44	29·879	+·018	29·857	29·941	15th	29·798	24th	·143	77·[illegible]	81·9	—0·8	74·1	+0·2	78·0	—0·3	7·8	83·7	30th	73·0	11 days
27	Malegaon	1,430	28·400	+·006	29·771	28·[illegible]80	16th	28·304	25th	·176	77·9	91·0	+3·1	69·8	—0·4	80·4	+1·3	21·2	100·4	30th	66·1	18th
	Ahmadnagar	2,154	27·711	+·008	29·778	27·783	15th	27·625	24th	·158	75·0	88·2	+3·0	66·5	—1·5	77·4	+0·7	21·7	96·1	30th	63·0	12th
	Poona	1,846	28·020	+·003	29·808	28·086	16th	27·948	24th	·138	73·1	84·1	—0·3	68·7	+0·1	76·4	—0·1	15·4	92·5	30th	62·8	22nd
	Sholapur	1,590	28·263	+·002	29·796	28·337	12th	28·154	24th	·183	75·8	89·8	+1·4	70·1	—0·3	79·9	+0·5	19·7	93·8	28th	67·1	11th
	Bijapur	*1,948*	27·924	+·009	29·797	27·995	15th	27·815	24th	·180	74·9	90·1	+4·2	69·2	—0·4	79·6	+1·9	20·9	94·2	27th	66·3	11th
	Belgaum	2,539	27·353	+·014	29·809	27·416	15th	27·266	24th	·150	70·3	8[illegible]·6	—0·3	64·6	—0·7	71·6	—0·5	14·0	84·3	30th	62·0	23rd
	X.—Central India.																					
21	Neemuch	1,624	28·144	—·020	29·711	28·243	15th	28·070	26th	·173	75·1	[illegible]5	—1·4	71·0	+0·1	78·8	—0·7	15·5	91·9	25th & 26th.	68·5	22nd
	Indore	1,823	27·971	—·002	29·738	28·070	15th	27·847	26th	·223	74·1	84	+2·0	70·1	0	76·7	—1·0	13·3	88·1	25th, 29th & 30th.	67·1	12th
22	Nowgong	754	28·[illegible]69	—·019	29·681?	29·0[illegible]7	16th	28·836	26th	·231	78·3	8[illegible]	—5·4	7[illegible]·9	—0·1	79·9	—2·7	10·1	89·5	17th	71·0	14th
	Satna	1,041	28·655	—·039	29·648	28·761	16th	28·530	10th	·231	78·5	85	—3·0	75·4	+0·8	80·2	—1·1	9·6	90·3	29th	72·8	5th & 10th.
	XI.—Central Provinces.																					
23	Buldana	2,132	27·616		29·664	27·696	11th	27·511	25th	·185	74·5	84·6		69·2		76·9		15·4	92·0	30th	66·6	12th
	Akola	930	28·855	—·005	29·745	28·976	15th	28·703	25th	·273	78·3	89·1	0	72·7	0	80·9	0	16·4	97·2	30th	70·1	9th & 11th.
	Amraoti	1,215	28·570	+·001	29·705	28·670	15th	28·394	25th	·276	77·0	87·3	—1·1	72·5	+0·4	79·9	—0·3	14·8	94·3	17th	70·3	9th, 14th & 15th.
24	Khardwa	1,044	28·748	—·001	29·747	28·852	15th	28·610	25th	·242	77·1	88·2	—0·1	73·5	+0·3	80·9	+0·2	14·7	93·2	5 days	71·1	12th & 15th.
	Hoshangabad	1,006	28·759	—·017	29·719	28·877	15th	28·567	26th	·310	76·4	85·9	—2·2	72·8	—0·5	79·3	—1·3	13·1	91·6	19th	70·4	9th
	Saugor	1,807	27·923	—·039	29·669	28·032	15th	27·707	26th	·325	74·7	83·1	—[illegible]5	71·2	—0·3	77·1	—1·9	11·9	88·8	18th	69·1	10th, 20th & 21st.
	Jubbulpore	1,327	28·389	—·037	29·663	28·501	15th	28·195	25th	·306	76·1	84·5	—[illegible]9	73·6	+0·8	79·0	—1·1	10·9	90·3	29th	72·3	5 days
	Seoni	2,033	27·725	—·019	29·688	27·835	16th	27·493	25th	·342	75·2	83·2	—2[illegible]	70·1	—0·5	76·7	—1·5	13·1	86·6	7 days	68·0	9th & 15th.
	Nagpur	1,017	28·733	—·014	29·689	28·840	15th	28·480	25th	·360	78·3	87·[illegible]	—1[illegible]	73·7	—0·1	80·8	—0·7	14·2	94·6	18th	71·3	26th
25	Pendra	2,123?	27·699		29·646	27·799	27th	27·514	25th	·285	75·9	83·1		72·1		77·6		11·0	86·8	18th & 30th.	69·2	22nd
	Raipur	970	28·753	—·028	29·669	28·865	15th	28·433	25th	·432	78·2	88·0	—0·2	75·6	+0·8	81·8	+0·3	12·4	95·7	27th	73·6	26th
	Chanda	*634*	29·127	—·020	29·707	29·232	15th	28·934	25th	·298	79·9	89·8	+0·7	74·7	+0·2	82·3	+0·5	15·1	94·5	18th & 19th.	72·0	16th & 26th.
	Jagdalpur	1,813	27·944	[illegible]	29·678	28·033	28th	27·510	24th	·523	76·2	84·1		72·3		78·2		11·8	88·2	20th	70·6	5th
	XII.—Hyderabad.																					
28	Aurangabad	1,905	27·947	—·015	29·783	28·028	15th	27·838	25th	·190	74·7	88·0	+1·5	67·9	—0·8	77·9	+0·3	20·1	95·2	29th & 30th.	66·2	7 days
	Nizamabad	1,248	28·553		29·744	28·649	15th	28·394	24th	·255	77·2	89·6	+2·7	73·1	+0·5	81·4	+1·6	16·5	93·9	29th	71·2	10th & 11th.

N.B.—Elevations in italics indicate barometrical determinations.
NOTE.—The barometric readings are not reduced to sea-level, in the case of hill or plateau stations, the elevation of which exceeded 3,200 feet.

—continued.

India, etc., in September, 1911—continued.

Wind direction. Number of winds from N.E. (27)	E. (28)	S.E. (29)	S. (30)	S.W. (31)	W. (32)	N.W. (33)	Resultant direction. (34)	Normal direction. (35)	Wind velocity. Mean velocity, miles per hour. (36)	Normal. (37)	Departure from normal. (38)	Wind steadiness. Actual percentage. (39)	Departure from normal. (40)	Hygrometry, 8 hrs. Mean humidity at 8 hrs. (41)	Departure from normal. (42)	Mean vapour tension at 8 hrs. in inches of mercury. (43)	Departure from normal in inches of mercury. (44)	Cloud. Mean cloud amount at 8 hrs. (45)	Departure from normal. (46)	Rainfall. Number of rainy days. (47)	Normal number of rainy days. (48)	Departure from normal. (49)	Rainfall of month. (50)	Normal rainfall of month. (51)	Departure from normal. (52)	Total rainfall from 1st May to 30th Sept., 1911. (53)	Normal rainfall for period, 1st May to 30th Sept. (54)	Departure from normal of period, 1st May to 30th Sept., 1911. (55)	Heaviest rainfall during month. (56)	Station. (57)
																														IX.—Bombay—*concld.*
				13	13	4	S 75° W		18·0			86		68		·778		3·4		4			0·91	2·03	−1·12	1·74	18·85	−17·11	0·50	Jamnagar.
		1	3	14	9	3	S 60° W		11·9			72		82	−2	·834		6·0		1			0·36	1·01	−0·65	2·56	13·66	−11·10	0·29	Dwarka.
			2	12	14	2	S 69° W	N 87° W	14·5	9·1	+5·4	82	+8	79	−3	·785	−·026	4·6	−0·2	3	5·10	−2·10	2·16	3·68	−1·52	6·14	25·62	−19·48	0·73	Rajkot.
			1	3	11	2	S 84° W	N 86° W	9·0	7·9	+1·1	56	+1	88	+3	·851	−·001	6·5	+0·8	2	4·60	−2·60	0·67	1·80	−1·13	6·03	17·11	−11·08	0·15	Veraval.
			1	17	10	2	S 65° W	S 63° W	5·1	10·8	−5·7	86	+13	75	−7	·789	−·067?	6·1	+0·4	2	7·80	−5·80	1·07	3·65	−2·58	6·37	19·73	−13·36	0·67	Bhavnagar Para.
1	1	2	4	8	10	3	S 63° W	S 78° W	6·6	6·9	−0·3	56	+4	86	+3	·902	+·041?	7·0	+1·3	6	7·00	−1·00	2·92	6·05	−3·13	19·37	39·30	−19·93	0·87	Surat.
2		1	1	17	1	7	S 69° W	N 68° W	5·8*	3·9	+1·9	59	+2	76	−2	·799	−·015	5·1	−0·7	4	5·80	−1·80	1·27	3·62	−2·35	9·29	28·85	−19·56	0·63	Ahmadabad.
	2	4	2	6	15	1	S 61° W	S 56° W	9·6	10·8	−1·2	56	+41	85	−2	·864	−·016	6·9	−0·4	8	14·00	−6·00	2·96	10·84	−7·88	46·18	69·39	−23·21	1·01	Bombay.
4 3	3	2	1	3	7	3	N 52° W	S 73° W	7·7	6·8	+0·9	23	+16	87	0	·847	−·012	5·6	−0·9	12	15·60	−3·60	5·66	11·97	−6·31	71·27	96·67	−25·40	1·41	Ratnagiri.
0 5	1	2	1	1	3	5	N 5° W	N 10° E	5·5*	5·6	−0·1	46	+36	88	−1	·842	−·028	7·6	+0·2	14			4·46	8·96	−4·50	79·60	92·66	−13·06	1·10	Goa.
3	3				7	3	N 50° W	N 54° W	6·1*	7·4	−1·3	27	−26	92	+1	·906	+·021	7·2	+1·4	12			4·26	8·56	−4·30	72·00	87·88	−15·88	0·90	Marmagao.
1 7				6			N 24° E	N 36° W	2·4	2·9	−0·5	7	−27	90	0	·856	+·032	6·7	+0·6	12	15·10	−3·10	4·64	11·85	−7·21	75·59	114·31	−38·72	0·92	Karwar.
				2	23	4	N 87° W	N 87° W	9·9	9·1	+0·8	89	+19	71	−6	·680	−·029	3·6	−2·0	2	7·80	−5·80	0·43	6·10	−5·67	17·56	19·76	−2·20	0·20	Malegaon.
				3	12	15	N 71° W	N 70° W	7·4	12·5	−5·1	86	−3	70	−12	·608	−·077	3·4	−2·5	3	9·80	−6·80	0·68	6·72	−6·04	16·52	18·61	−2·09	0·34	Ahmadnagar.
				29			W	N 87° W	12·9	11·1	+1·8	97	+27	81	0	·662	−·017	3·1	−4·1	3	8·10	−5·10	0·58	4·71	−4·13	12·77	21·59	−8·82	0·12	Poona.
				3	11	16	N 69° W	N 68° W	13·9	8·4	+5·5	82	+15	75	−3	·664	−·011	5·6	−1·7	3	9·50	−6·50	2·13	8·40	−6·27	17·41	23·87	−6·46	1·62	Sholapur.
				5	20	5	W	N 87° W	12·5	7·3	+5·2	90	+15	76	−8	·663	−·037	4·5	−2·8	3	9·70	−6·70	1·01	6·26	−5·25	11·07	15·52	−4·45	0·40	Bijapur.
				5	22	1	S 84° W	N 81° W	17·4†	15·7	+1·7	86	+16	89	0	·659	+·002	7·1	−0·4	9	9·10	−0·10	1·66	4·59	−2·93	36·67	40·62	−3·95	0·32	Belgaum.
																														X.—Central India.
1				10	15	1	S 76° W	N 89° W	10·9	8·8	+2·1	76	+21	89	+11	·765	+·024	6·9	+3·5	10	6·50	+3·50	9·15	5·07	+4·08	20·27	27·33	−7·06	3·13	Neemuch.
				1	7	22	N 58° W	N 60° W	7·5	4·1	+3·4	92	+40	86	0	·721	−·027	7·5	+1·2	9	8·80	+0·20	6·84	7·05	−0·21	18·19	30·67	−12·48	1·43	Indore.
	2	2	1	2	2	13	3	S 87° W	N 89° W	3·3	2·3	+1·0	40	+1	89	+8	·864	+·043	6·7	+1·8	14	7·00	+7·00	15·90	6·06	+9·84	38·45	39·77	−1·32	2·69	Nowgong.
9				1	15			S 76° W	N 69° W	3·5	6·1	−2·6	37	−1	89	+9	·869	+·052	8·0	+2·1	15	8·70	+6·30	10·75	6·82	+3·93	35·08	39·21	−4·13	2·24	Sutna.
																														XI.—Central Provinces.
					15	15	N 67° W		8·2	8·1	+0·1	93		77		·655		6·1		3			1·47	7·35	−5·88	17·35	30·73	−13·38	0·67	Buldana.
					16	14	N 69° W	N 69° W	10·6	6·5	+4·1	92	+18	71	−10	·691	−·070	6·8	+1·0	3	8·40	−5·40	2·30	5·95	−3·65	19·31	28·50	−9·19	1·27	Akola.
					6	4	N 71° W	S 88° W	2·8	5·3	−2·5	30	−29	77	−8	·713	−·065	5·0	−1·0	5	7·30	−2·30	2·37	6·06	−3·69	18·14	29·61	−11·47	1·26	Amraoti.
				1	20	9	N 78° W	N 79° W	9·1	6·4	+2·7	92	+14	80	−2	·743	−·013	6·4	+1·2	10	7·70	+2·30	3·41	6·45	−3·04	12·31	27·55	−15·24	1·50	Khandwa.
1				10	12	2	S 77° W	S 51° W	5·1	2·6	+2·5	66	+18	89	+2	·803	−·011	6·7	+0·6	13	10·50	+2·50	15·51	9·06	+6·45	36·32	45·86	−9·54	5·14	Hoshangabad
	2	1		3	20	4	N 85° W	S 80° W	9·2	4·4	+4·8	76	+32	89	+6	·750	−·013	6·9	+1·4	15	9·70	+5·30	11·92	7·32	+4·60	36·47	42·64	−6·17	2·58	Saugor.
1 1		2	2	5	12	5	S 85° W	S 66° W	3·4	3·0	+0·4	56	+23	87	+3	·786	−·012	7·7	+2·2	18	9·80	+8·20	11·90	7·86	+4·04	40·19	51·02	−10·83	2·95	Jubbulpore.
8 2			2	5	5	8	N 53° W	N 53° W	6·0	3·9	+2·1	53	+23	87	+3	·748	−·020	6·0	+1·5	12	11·30	+0·10	6·64	9·14	−2·50	45·52	47·32	−1·80	2·34	Seoni.
3 1		2		1	9	13	N 58° W	N 72° W	5·7	5·3	+0·4	66	+33	80	0	·774	−·018	5·4	−1·0	7	10·30	−3·30	5·69	8·57	−2·88	41·63	44·17	−2·54	2·48	Nagpur.
7 1	1	3	4	2	2	6	N 41° W		5·7			20		87		·779		6·0		13			7·73	5·88	+1·85	29·73	43·15	−13·42	1·65	Pendra.
1 2	1	3	1	16	2	3	S 48° W	S 63° W	6·2	5·9	+0·3	49	+15	86	+2	·824	−·014	6·4	−0·1	13	10·60	+2·40	5·38	7·82	−2·44	51·43	45·15	+6·28	1·00	Raipur.
				4	13	8	N 83° W	N 79° W	7·2	4·0	+3·2	69	+45	78	−2	·796	−·014	5·1	−1·0	7	11·30	−4·30	7·67	9·83	−2·16	42·49	48·31	−5·82	5·50	Chanda.
1			3	5	7	5	S 82° W					46		88		·791		5·2		12			12·46			57·40?			6·45	Jagdalpur.
																														XII.—Hyderabad.
				3	15	12	N 76° W		16·9			86		76	−2	·660		6·6		3	9·60	−6·60	1·37	7·09	−5·72	18·40	24·96	−6·56	0·62	Aurangabad.
1				6	5	4	S 88° W		4·2			40		77	−3	·716		4·2		9	10·30	−1·30	8·00	10·09	−2·09	30·71	36·35	+5·64	4·23	Nizamabad.

* Uncorrected for scale error.

† Mean of 29 days.

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(2) *Abstract of observations taken at 8 hrs. at 242 stati*

Number of subdivision.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	XII.—Hyderabad—*concld.*																					
28	Bidar	*2,165*									73·6	87·3		69·5		78·4		17·8	90·5	16th	66·4	10th
29	Gulbarga	1,503	28·343	—·001	29·783	28·422	15th	28·208	24th	·214	76·1	89·9	+2·4	71·3	+0·4	80·6	+1·4	18·6	95·0	16th & 29th	67·8	11th
	Raichur	*1,311*	28·551	+·016	29·801?	28·631	15th	28·417	24th	·214	77·6	91·7	+4·0	72·4	+0·2	82·1	+2·1	19·3	95·5	15th	69·1	21st
	Hyderabad (Deccan)	1,690	28·126	—·014	29·743	28·212	15th	27·962	24th	·250	76·7	89·4	+2·7	73·1	+2·3	81·3	+2·5	16·3	94·8	18th	69·7	8th
	Haramkonda	877	28·911	—·020	29·726	28·999	15th	28·685	24th	·314	81·7	90·5	+2·2	75·6	+1·0	83·0	+1·6	14·9	95·0	18th	71·7	12th
	XIII.—Mysore.																					
30	Chitaldrug	2,405	27·504	+·009	29·819	27·564	15th	27·402	24th	·162	72·2	85·4	+1·9	66·9	—0·6	76·2	+0·7	18·5	89·6	29th	64·9	20th
	Hassan	3,149	26·809	+·013	29·816	26·873	14th	26·727	24th	·146	69·6	81·0	+1·2	63·5	—0·7	72·3	+0·3	17·5	84·2	7th	59·6	26th
	Bangalore	3,021	26·926	+·007	29·819	26·986	12th	26·824	24th	·162	71·1	86·0	+4·1	65·6	+0·3	75·8	+2·2	20·4	89·8	28th	61·3	25th
	Mysore	2,518	27·422	+·006	29·844	27·478	12th	27·329	24th	·149	71·8	85·3	+0·8	65·8	—0·6	75·5	+0·1	19·5	88·0	8th & 29th	61·5	26th
	XIV.—Madras.																					
31	Mangalore	65	29·858	—·008	29·855	29·930	15th	29·782	24th	·148	78·2	84·7	+0·6	73·7	+0·1	79·2	+0·3	11·0	86·3	29th & 30th	71·4	15th
	Calicut	27	29·895	—·012	29·851	29·951	15th	29·825	24th	·126	77·9	84·3	0	75·1	+0·7	79·7	+0·3	9·2	86·3	30th	73·6	26th & 27th.
	Cochin	9	29·929	—·002	29·865	29·979	15th	29·867	24th	·112	79·6	86·3	+1·7	75·1	+0·6	80·7	+1·1	11·2	89·7	16th	73·2	21st, 25th & 26th.
	Trivandrum	198	29·731	+·001	29·860	29·780	15th	29·668	24th	·112	78·4	84·9	+2·0	75·1	+2·0	80·0	+2·0	9·8	87·5	13th & 14th	72·5	20th
32	Tinnevelly	168	29·714	—·003	29·810	29·775	12th	29·640	24th	·135	85·9	98·9	+1·1	79·4	+0·8	89·2	+0·9	19·5	102·2	13th	76·9	4 days.
	Pamban	37	29·832	—·015	29·797	29·892	1st & 12th, 15th	29·738	24th	·154	82·4	90·5	+1·5	78·1	—0·2	84·3	+0·7	12·4	91·7	4 days.	74·0	17th.
	Madura	447	29·433	+·012	29·811	29·491	15th	29·326	24th	·165	82·0	95·1	—0·2	75·6	+0·3	85·4	+0·1	19·5	98·0	4 days.	70·1	8th
	Pudukkottai	318	29·549		29·798	29·622	12th	29·434	23rd	·188	81·3	96·4		75·6		86·0		20·8	101·3	1st	71·1	17th
	Negapatam	31	29·828	—·012	29·788	29·903	1st	29·701	23rd	·202	81·6	93·4	+0·9	76·3	—0·2	84·8	+0·3	17·1	98·0	4th	71·0	8th
	Trichinopoly	255	29·621	0	29·809	29·684	15th	29·501	24th	·183	81·1	95·5	0	75·3	—0·4	85·4	—0·2	20·2	100·1	5th & 6th	70·3	17th
	Coimbatore	1,341	28·549	+·001	29·824	28·612	12th	28·452	24th	·160	76·2	89·5	—0·1	70·5‡	—0·2‡	79·9‡	—0·1	19·0	92·4	20th & 23rd.	67·8	21st
	Salem	940	28·977	+·009	29·852?	29·044	12th	28·887	23rd	·157	78·7	93·9	+2·6	73·0	+1·1	83·5	+1·9	20·9	98·5	5th	69·8	17th & 25th.
	Cuddalore	37	29·821	—·023?	29·787	29·925	15th	29·691	24th	·234	81·1	93·0	+1·1	76·2	+0·5	84·6	+0·8	16·8	100·8	14th	71·7	15th
	Vellore	707	29·145		29·786	29·231	15th	29·006	24th	·225	80·3	94·4		75·7		85·1		18·7	99·7	13th	71·0	20th
	Madras	22	29·817	—·010	29·770	29·936	15th	29·670	24th	·266	81·9	94·6	+1·6	77·8	+0·8	86·2	+1·2	16·8	100·0	4th	70·5	16th
33	Cuddapah	433	29·424	+·001	29·794	29·502	14th	29·282	24th	·220	80·9	95·5	+3·0	76·2	+0·4	85·8	+1·7	19·3	99·7	14th	71·6	4th
	Bellary	1,475	28·385	0	29·794	28·461	14th	28·264	24th	·197	77·3	92·6	+2·0	73·1	+0·4	82·8	+1·2	19·5	96·5	8th	70·8	19th
	Kurnool	923	28·915	—·005	29·780	28·992	12th	28·777	24th	·215	77·1	91·7	+2·5	73·9	+0·8	82·8	+1·7	17·8	96·2	17th	71·1	21st
34	Nellore	66	29·752	—·004	29·752	29·847	15th	29·582	24th	·265	83·2	96·4	+1·8	78·0	+0·3	87·2	+1·1	18·4	100·6	13th	71·6	21st
	Masulipatam	15	29·769	—·017	29·719	29·844	28th	29·534	24th	·310	83·4	93·3	+2·6	78·2	+0·8	85·7	+1·7	15·1	97·3	5 days.	72·2	14th
	Cocanada	26	29·739	—·023	29·701	29·839	28th	29·417	24th	·422	82·9	91·5	+2·3	79·0	+0·9	85·2	+1·6	12·5	99·2	16th	75·6	24th
	Waltair (Vizag.)	*236*	29·523	—·018	29·689	29·643	28th	29·084	24th	·559	82·9	88·3		78·1		83·2		10·2	91·6	2nd & 16th	74·4	5th
	Calingapatam	19	29·715		29·672	29·836	27th	29·384	23rd	·452	82·7	90·5		79·0§		85·0§		11·5	97·8	16th	75·0	10th
	Gopalpur	33	29·691	+·012?	29·665	29·829	27th	29·369	23rd	·460	82·2	88·2	—0·1	78·8	+0·5	83·5	+0·2	9·4	94·2	16th	76·5	4th & 10th.

N B.—Elevations in italics indicate barometrical determinations.
NOTE.—The barometric readings are not reduced to sea-level in the cases of hill or plateau stations, the elevations of which exceed 3,500 feet.

‡ Mean of 28 days.

§ Mean of 23 day

Table A.—Abstract of observations taken at 10 hrs. and 16 hrs. at 34 stations in India, etc., in October, 1911.

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Abstract of observations taken at 10 hrs. and 16 hrs.

Number of subdivision.	Station.	Elevation of barometer above sea-level, in feet.	Pressure. Mean of 10 hrs.	Mean of 16 hrs.	Mean daily range.	Mean of daily mean pressures.	Departure from normal.	Mean reduced to sea-level and gravity, 45° Lat.	Temperature of air. Mean maximum.	Mean minimum.	Mean daily range.	Highest maximum.	Lowest minimum.	Absolute range.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	Temperature, wet. Mean minimum.	Mean 10 hrs.	Mean 16 hrs.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	I.—Burma.																				
2	Rangoon	18	29·967	29·848	·119	29·911	+·041	29·867	86·3	76·3	10·0	90·2	73·4	16·8	82·9	84·3	79·6	— 0·4	75·0	77·5	77·2
	III.—Bengal.																				
6	Calcutta	21	·918	·809	·109	·859	+·019	·826	88·0	74·8	13·2	90·9	68·2	22·7	84·2	85·5	80·0	+ 0·9	73·1	77·3	76·4
	IV.—United Provinces of Agra and Oudh.																				
10	Allahabad	309	·618	·512	·106	·558	+·002	·822	88·6	70·5	18·1	92·1	64·5	27·6	83·0	86·4	78·1	+ 0·5	69·4	73·8	74·5
11	Dehra Dun	2,233	27·701	27·611	·090	27·646	—·006	·802	82·4	62·6	19·8	86·2	54·9	31·3	76·1	78·4	71·7	+ 1·0	59·3	67·3	68·8
	V.—Punjab.																				
12	Lahore	702	29·197	29·102	·095	29·138	—·011	·803	96·0	64·3	31·7	104·7	55·2	49·5	85·0	93·9	78·7	+ 3·0	59·7	68·0	70·3
	VIII.—Rajputana.																				
19	Jaipur	1,431	28·507	28·406	·101	28·450	—·009	·821	94·9	66·1	28·8	98·3	59·2	39·1	87·1	92·4	79·2	+ 1·3	59·3	67·4	67·6
	Udaipur	1,925	·030	27·930	·100	27·975		·786	92·9	66·4	26·5	97·5	57·1	40·4	87·7	90·9	79·6		60·8	66·0	66·6
	IX.—Bombay.																				
26	Bombay	37	29·940	29·834	·106	29·884	+·037	·861	88·7	78·0	10·7	93·0	73·5	19·5	83·3	85·3	82·1	+ 1·4	74·8	77·6	78·0
	XI.—Central Provinces.																				
24	Nagpur	1,017	28·930	28·805	·125	28·868	+·025	·818	90·9	68·8	22·1	93·7	61·7	32·0	83·8	88·1	79·0	+ 0·6	63·3	72·9	71·6
	XII.—Hyderabad.																				
29	Hyderabad	1,690	·254	·133	·121	·195	+·019	·780	91·8	69·8	22·0	95·8	63·0	32·8	84·1	87·6	79·7	+ 2·9	65·3	70·7	69·7
	XIII.—Mysore.																				
30	Bangalore	3,021	26·995	26·884	·111	26·940	+·033	·791	82·5	64·7	17·8	85·0	58·1	26·9	76·2	79·0	72·1	+ 0·3	62·8	67·6	68·2
	Mysore	2,518	27·479	27·356	·123	27·418	+·024	·799	84·0	65·7	18·3	86·8	59·0	27·8	77·0	81·4	73·3	— 0·8	64·2	69·1	69·6
	XIV.—Madras.																				
32	Pudukkottai	318	29·642	29·507	·135	29·575		·823	90·2	74·2	16·0	98·1	66·9	31·2	83·8	87·8	82·2		71·9	75·0	75·1
	Madras	22	·927	·818	·109	·878	+·033	·831	90·6	75·3	15·3	99·5	6·7	32·8	86·1	85·7	81·6	+ 0·8	74·2	78·4	78·9
	Bay Islands.																				
1	Port Blair	58	·913	·815	·098	·883	+·044	·854	85·2	75·5	9·7	88·2	71·5	16·7	82·3	82·5	79·0	— 1·8	73·5	77·5	77·0
	Kashmir.																				
14	Srinagar	5,204	24·976	24·868	·108	24·920	—·015	24·891	72·8	42·2	30·6	80·4	35·1	45·3	59·2	69·7	55·9	+ 2·7	44·7	55·1	64·3
	Leh	11,503	19·784	19·667‡	·117	19·726	—·007	19·693‡	62·7	31·8	30·9	74·6	21·0	53·6	50·7	55·6	45·6	+ 2·9	27·0	36·9	49·8
	Baluchistan.																				
18	Quetta	5,502	24·743	24·666	·077	24·701	+·012	24·660	74·3	37·6	36·7	85·1	31·5	53·6	63·1	69·8	55·9	— 0·6	35·0	46·9	49·3

N.B.—Elevations in italics indicate barometric determinations.

NOTE.—The barometric readings are not reduced to sea-level, in the cases of hill or plateau stations, the elevations of which exceed 3,000 feet.

‡ Mean of 30 days.

stations in India, etc., in October, 1911.

Vapour tension in inches of mercury.				Humidity.				Cloud.				Wind direction. Total number of 10 hrs. and 16 hrs. winds from											Wind steadiness.		Wind velocity.		Rainfall.		Station.	Number of subdivision.
Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	Mean 10 hrs.	Mean 16 hrs.	Mean of two previous columns.	Departure from normal.	Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Mean wind direction.	Normal mean wind direction of month.	Average percentage.	Normal percentage.	Mean velocity in miles per diem.	Normal.	Total rainfall for the month.	Heaviest rainfall during the month.		
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	54	55	56
																														I.—Burma.	
·869	·837	·868	—·037	94	78	72	86	− 3	8·1	7·8	7·9	+2·0	10		11	9	7	15	5	3	2	S 43° E	S 36° E	32	30	29	70	10·90	5·08	Rangoon.	2
																														III.—Bengal.	
·848	·788	·830	+·014	92	72	65	79	− 3	3·6	4·2	3·9	−0·7	1	5	5	5	4	7	20	3	12	S 64° W	N 18° W	26	11	86*	67	3·45	0·86	Calcutta.	6
																														IV.—United Provinces of Agra and Oudh.	
·720	·698	·712	+·095	94	64	57	75	+ 9	4·4	3·5	3·9	+1·7	17	5	10	4	2		4	15	5	N 38° W	N 48° W	23	19	45	74	5·63	3·32	Allahabad.	10
·567	·590	·546	+·095	82	62	60	73	+ 7	1·5	2·7	2·1	+0·8	7	7	6	1	7	5	7	11	11	N 75° W	N 42° W	23	19	32*	31	1·22	0·96	Dehra Dun.	11
																														V.—Punjab.	
·462	·429	·456	+·011	75	39	28	51	− 1	0·8	1·1	0·9	+0·1	22	8	4	5	8	4	1	5	5	N 45° E	N 9° W	10	11	36	38	0·27	0·27	Lahore.	12
																														VIII.—Rajputana.	
·434	·367	·416	+·014	66	34	25	46	0	0·9	2·5	1·7	0	8	5	4	2	2	2	8	11	20	N 63° W	N 27° W	45	38	84*	74	0·22	0·21	Jaipur.	19
·370	·347	·407		72	29	25	46		1·3	3·0	2·1		14	3	2	3	6	4	8	9	13	S 89° W		24		58		0·08	0·06	Udaipur.	
																														IX.—Bombay.	
·872	·860	·862	+·010	85	76	71	79	− 2	3·5	2·9	3·2	+0·1		2	4	7	5	3	3	16	22	N 60° W	N 9° E	37	32	173*	218	0	0	Bombay.	26
																														XI.—Central Provinces.	
·672	·569	·589	+·019	73	58	45	62	+ 1	2·5	4·4	3·5	−0·2	12	8	6	6	10	3	3	4	10	N 29° E	N 39° E	13	50	59	94	1·39	0·59	Nagpur.	24
																														XII.—Hyderabad.	
·584	·503	·562	—·072	78	51	40	60	− 9	2·9	4·7	3·8	−0·4	44		4	4	1			7	2	N 13° W	S 81° E	6	32	54	94	1·07	0·70	Hyderabad.	29
																														XIII.—Mysore.	
·578	·569	·589	—·028	90	65	59	74	− 4	4·6	5·8	5·2		5	2	14	15	2	1	12	7	4	N 64° E	N	14	8	140	113	11·63	4·52	Bangalore.	30
·613	·578	·606	—·022	92	67	55	74	− 1	5·7	6·7	6·2	−1·1	2	1	9	15	9	2	11	11	2	S 47° E	N 63° E	18	12	154	175	5·50	1·50	Mysore.	
																														XIV.—Madras.	
·746	·711	·737		89	65	55	70		6·0	5·8	5·9		8	10	14	1	2	5	11	6	5	N 29° W		18		177		2·38	0·57	Pudukkottai.	32
·869	·895	·880	+·024	95	70	74	82	− 1	4·1	4·6	4·3	−1·7		10	6	10	11	8	10	4	3	S 54° E	N 54° E	18	20	126*	115	5·91	3·07	Madras.	
																														Bay Islands.	
·873	·852	·853	—·074	90	79	77	84	− 4	5·7	6·5	6·1	−0·3	11	2	5	5	10	7	5	12	5	S 23° W	S 1° W	14	26	186	151	13·14	4·05	Port Blair.	1
																														Kashmir.	
·389	·567	·345	+·043	79	76	75	77†	− 3	2·3	2·3	2·3	−0·4	19	4	2		10	4	4	2	17	N 67° W	N 23° W	14	18	55	72	0·39	0·15	Srinagar.	14
·104	·132	·113	+·009	62	28	30	40	− 2	1·7	4·2	2·9	−1·1			3		9	20	19	16	1	S 23° W	S 60° W	64	45	77	48	0	0	Leh.	
																														Baluchistan.	
·154	·141	·156	—·026	79	30	22	45	+ 3	1·0	1·0	1·0	+0·4	28	6					3	4	21	N 48° W	N 60° W	45	42	30	46	0·58	0·55	Quetta.	16

* Uncorrected for scale error.

† Mean of three previous columns.

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Abstract of observations taken at 10 hrs. and 16 hrs

Number of subdivision.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure. Mean of 10 hrs.	Pressure. Mean of 16 hrs.	Pressure. Mean daily range.	Pressure. Mean of daily mean pressures.	Pressure. Departure from normal.	Pressure. Mean reduced to sea-level and gravity, 45° Lat.	Temperature of air. Mean maximum.	Temperature of air. Mean minimum.	Temperature of air. Mean daily range.	Temperature of air. Highest maximum.	Temperature of air. Lowest minimum.	Temperature of air. Absolute range.	Temperature of air. Mean 10 hrs.	Temperature of air. Mean 16 hrs.	Temperature of air. Mean of daily means.	Temperature of air. Departure from normal.	Temperature, Wet-bulb. Mean minimum.	Temperature, Wet-bulb. Mean 10 hrs.	Temperature, Wet-bulb. Mean 16 hrs.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	Hill Stations excluding Kashmir and Baluchistan.																				
	Simla . . .	7,232	23·210	23·158	·052	23·175	+·013	23·137	61·7	51·6	10·1	68·9	42·9	26·0	57·3	58·3	56·7	0	43·5	47·9	49·5
	Sarain . .		·241	·181	·060	·214		·165	62·6	43·6	19·0	70·7	35·9	34·8	58·4	55·8	53·1			48·9	49·1
	Kalabagh . .		20·211	20·103	·048	20·179		20·141	47·3	37·2	10·1	57·4	27·9	29·5	44·3	43·7	42·2			38·8	38·7
	Chakrata . .	7,022	23·376	23·312	·064	23·338	+·003	23·298	68·0	50·4	17·6	72·9	41·5	31·4	63·9	59·4	59·2	+0·6	46·9	55·7	54·4
	Mukteswar . .	7,592	22·932	22·860	·072	22·887		22·845	64·2	48·8	15·4	71·5	42·0	29·5	58·2	60·6	56·5		43·2	52·3	53·9
	Katmandu . .	4,388	25·749	25·649	·100	25·696	+·059†	25·650	78·1	58·0	20·1	85·2	48·0	37·2	69·4	75·0	68·0	+1·1†	56·0	63·9	65·7
	Darjiling . .	7,376	23·070	22·996	·074	23·030	−·038	22·985	60·7	50·1	10·6	68·7	44·2	24·5	56·9	56·8	55·4	+0·2	49·1	54·6	54·5
	Pachmarhi .	3,528	26·512	26·440	·072	26·470	+·005	26·417	80·3	61·5	18·8	83·8	52·6	27·7	72·3	76·9	70·9	+2·0	58·2	65·3	65·2
	Mount Abu . .	3,945	·143	·072§	·071	·101	+·011	·053§	80·1§	66·9	13·2	83·8	59·4	24·4	75·2	77·3§	73·6§	+2·0	53·4	63·7	59·5§
	Chikalda . .	3,642	·413	·318	·095	·359	+·009	·303	80·0	65·0	15·0	84·3	61·8	22·5	72·7	75·7	72·5	+1·3	59·8	64·5	66·7
	Ootacamund .	*7,327*	23·100	23·023	·077	23·059		22·996	65·4	49·3	16·1	69·3	40·7	28·6	61·7	59·6	57·3		48·4	55·5	55·3
	Kodaikanal . .	7,688	22·874	22·798	·076	22·836		·771	62·1	50·7	11·4	67·8	43·3	24·5	58·8	57·3	56·4		48·2	54·9	54·7
	Dodabetta . .	8,539	·110	·038	·072	·072		·009	56·6	47·3	11·3	64·2	39·8	24·4	55·3	53·7	53·0		44·2	51·6	51·7
	Extra India.																				
	Minicoy . .	7	29·990	29·931	·059	29·966															
	Zanzibar . .	72	30·066	·947	·119	30·012	+·044	30·009	82·6	73·7	8·9	85·9	71·5	14·4	79·0	82·0	76·6	−1·1	69·7	74·1	73·5
	Diego Garcia .										Observations not received.										
	Seychelles . .	15	·035	·940	·095	29·999	+·044†	29·937	82·5	76·4	6·1	84·4	72·4	12·0	80·6	81·5	78·1	+0·4†	70·2	74·7	74·9
	Mauritius . .	181									Observations not received.										

N.B.—Elevations in italics indicate barometric determinations.

NOTE.—The barometric readings are not reduced to sea-level, in the cases of hill or plateau stations, the elevations of which exceed 5,0

† Departure from old normal.

§ Mean of 29 days.

—concluded.

stations in India, etc., in October, 1911—concluded.

Vapour tension, in inches of mercury.					Humidity.					Cloud.				Wind direction.											Wind steadiness.		Wind velocity.		Rainfall.		Station.	Number of subdivision.
														Total number of 10 hrs. and 16 hrs. winds from																		
From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	Mean 10 hrs.	Mean 16 hrs.	Mean of two previous columns.	Departure from normal.	Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Mean wind direction.	Normal mean direction of month.	Average percentage.	Normal percentage.	Mean velocity in miles per diem.	Normal.	Total rainfall for the month.	Heaviest rainfall during the month.		
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	54	55	56
																															Hill Sattions exclusing Kashmir and Baluchistan.	
203	·239	·263	·233	—·003	53	51	55	54	+ 1	1·8	2·8	2·3	+0·9																1·63	0·56	Simla.	
	·253	·285				52	64			2·9	3·2	3·1		29			1		21	10	1		S 11° W		47		22		2·54	0·97	Sarain.	
	·195	·198				66	68			3·7	3·2	3·5		14	1			6	15		4	22	S 81° W		26		197		2·05	0·80	Kalabagh.	
295	·367	·376	·344	+·065	78	61	73	72	+12	3·5	4·3	3·9	+2·2	1	4	2	1	29	23	1		1	S 29° E	S 51° W	71	32	87	149	0·77	0·29	Chakrata.	
227	·337	·355	·304		64	68	66	67		4·5	5·1	4·8		36	1		2	2			20	1	S 89° W		27		79‖		0·48	0·23	Mukteswar.	
434	·539	·532	·500	+·024	88	74	61	75	0	4·4	6·2	5·3	+1·3	55			4				3		E	S 86° W	2	34	10*	16	1·83	1·00	Katmandu.	
344	·406	·400	·381	+·011	93	87	86‡	90	+ 5	7·8	7·3	7·5	+1·5	46		1		1	2	2	9	1	S 75° W	S 88° W	16	15	27	79	4·75	0·90	Darjiling.	
155	·546	·486	·497	+·068	82	69	54	71	+ 9	0·6	0·5	0·5	−2·9	4	6	4	17	2	2	5	9	13	N 3° W	N 30° E	18	28	‡ 90	77	1·19	0·62	Pachmarhi.	
254	·320	·303§	·293	−·040	39	37	33§	39	− 7	1·4	2·2	1·8	0		2	3	2	1	2	24	10	16	S 80° W	N 46° W	57	13	¶ 137	118	0·02	0·02	Mount Abu.**	
459	·514	·553	·510	+·052	74	65	63	70	+ 7	3·5	3·5	3·5	+0·1	14	1	3		3	3	4		34	N 48° W	N 3° E	48	40	166	146	0·70	0·70	Chikalda.	
331	·378	·394	·363		94	69	77	80		6·8	8·6	7·7		15	5	9	10	5	7		5	6	N 65° E		19		59		9·35	2·61	Ootacamund.	
319	·398	·406	·374		85	80	86	84		7·3	8·4	7·9			11	5	5	10	8		3	20	N 6° W		23		264*		13·72	3·99	Kodaikanal.	
261	·347	·364	·324		79	79	88	82		8·0	8·8	8·4		5	13	14	6	9	6	3	2	4	N 54° E		33		338		6·83	1·17	Dodabetta.	
																															Extra India.	
										5·2	5·2	5·2			6	6	2		3	3	24	18	N 61° W		60		148		11·58	2·30	Minicoy.	
576	·774	·709	·764	—·046	81	78	66	81	− 2	6·2	4·7	5·5	+0·4	5	3	2	4	9	18	14	4	3	S 9° W	S 6° E	45	47	112	120	2·89	1·10	Zanzibar.	
																															Diego Garcia.	
560	·780	·777	·752	—·042	72	74	72	75	− 6	6·0	6·0	6·0	†−0·2	5	2	6	2	31	11	3		2	S 42° E	S 39° E	60	51	199*	191	7·00	4·18	Seychelles.	
										Observations not received.																					Mauritius.	

* Uncorrected for scale error.

** Wind observations less 2.

¶ Mean of 28 days.

‡ Mean of 30 days.
‖ " " 26½ "

Table B.—Abstract of observations taken at 8 hrs. at 244 stations in India, etc., in October 1911.

(1) Provincial means.

(2) Data of stations.

) Provincial means based on the material in Table B (2) except that the statement of rainfall depends on the complete data of about 2,000 stations.

	Pressure departure from normal.	Temperature of air.								Wind.		Hygrometry.				Cloud.		Rainfall.		
		Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Absolute range during month	Departure of velocity from normal.	Departure of steadiness from normal.	Mean humidity.	Departure from normal.	Mean vapour tension.	Departure from normal.	Mean cloud amount.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.
ma	+·035	86·6	−1·7	73·1	−0·6	79·9	−1·2	13·5	24·1	+0·1	+4	88	0	·819	−·035	6·0	+0·9	7·22	5·63	+1·59
ern Bengal and Assam	+·020	85·3	−1·2	72·7	−0·1	79·0	−0·6	12·6	24·4	−0·1	−1	88	0	·821	−·013	4·4	+0·5	8·96	5·08	+3·88
gal	+·016	87·6	−0·2	72·6	+0·4	80·1	+0·1	15·0	26·2	+0·4	+2	84	+3	·803	+·026	3·1	+0·1	4·27	3·53	+0·74
ted Provinces of Agra and udh.	+·005	88·6	−1·6	68·4	+2·6	78·5	+0·5	20·3	31·9	−0·1	−1	77	+8	·683	+·104	1·8	+0·6	2·05	1·31	+0·74
jab	−·002	93·4	+0·2	64·9	+2·9	79·1	+1·5	28·5	43·0	0	+4	59	+2	·480	+·042	1·2	+0·6	0·46	0·23	+0·23
th-West Frontier Province	−·021	91·1	−0·1	61·2	+2·3	76·1	+1·1	29·9	43·5	−0·3	−3	62	+4	·431	+·037	1·7	+0·9	0·92	0·28	+0·64
l	+·001	94·5	0	69·3	+1·4	81·9	+0·7	25·2	39·3	+0·5	+18	66	+9	·625	+·095	0·9	+0·2	0·01	0·02	−0·01
outana	−·003	95·6	+1·2	68·9	+2·5	82·2	+1·9	26·7	40·2	−0·5	−17	47	−3	·444	−·001	1·2	+0·3	0·24	0·16	+0·08
bay	+·025	92·2	+2·1	71·8	+1·2	82·0	+1·7	20·4	31·9	+0·6	+8	71	0	·694	+·006	3·0	+0·2	1·17	2·84	−1·67
tral India	+·003	89·8	+0·7	67·2	+2·5	78·5	+1·5	22·6	31·6	−0·3	−7	69	+7	·607	+·074	2·9	+1·4	1·28	0·92	+0·36
tral Provinces	+·011	89·9	+1·6	68·3	+1·5	79·1	+1·6	21·6	31·9	0	+6	69	+1	·615	+·028	2·9	+0·6	1·41	1·76	−0·35
erabad	+·023	92·4	+3·4	69·7	+0·7	81·1	+2·0	22·7	33·5	−1·6	+18	63	−6	·610	−·025	3·1	−1·0	0·56	2·80	−2·24
ore	+·039	83·3	+0·5	65·3	−0·8	74·3	−0·1	18·0	28·4	+0·4	+2	78	−3	·601	−·038	5·1	−1·4	6·68	5·29	+1·39
ras	+·034	89·6	+0·9	74·3	0	82·1	+0·4	15·3	26·9	+0·5	−4	79	−2	·795	−·012	5·0	−0·5	5·21	7·11	−1·90

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(2) Abstract of observations taken at 8 hrs. at

Number of subdivision.	Station.	Elevation of barometer above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	I.—Burma.																					
2	Victoria Point	97	29·850		29·877	29·931	23rd	29·717	20th	·214	78·5	85·1		73·9		79·5		11·2	90·2	31st	71·7	19th
	Mergui	65	29·901	+·025	29·897	30·001	29th	29·775	20th	·226	77·7	86·7	—0·5	72·4	+0·3	79·6	—0·1	14·3	90·4	31st	68·9	18th
	Tavoy	19	29·956	+·030	29·908	30·052	29th	29·812	2nd	·210	77·7	86·7	—1·3	74·3	+1·0	80·5	—0·1	12·4	90·0	16th & 31st.	72·3	18th
	Moulmein	94	29·885?	+·050?	29·917?	29·999	29th	29·734	2nd	·265	77·2	87·5	—0·9	74·4	—0·3	81·0	—0·6	13·1	90·5	12th, 13th & 20th.	71·8	16th & 19th,
	Rangoon	18	29·954	+·039	29·910	30·071	29th	29·807	2nd	·264	79·2	86·2	—1·5	76·3	+0·7	81·3	—0·4	9·9	90·1	13th & 16th.	73·4	27th
	Bassein	27?	29·931	+·038	29·894	30·053	29th & 30th.	29·768	2nd	·285	78·9	86·7	—0·7	75·3	+0·1	81·0	—0·3	11·4	90·2	17th	72·9	25th, 26th & 28th.
	Diamond Island	41	29·914	+·033	29·890	30·034	29th	29·774	2nd	·260	81·5	85·3	—0·7	74·3	—2·4	80·0	—1·5	11·5	88·9	16th & 17th.	70·7	3rd
	Toungoo	164	29·802	+·039	29·910	29·916	29th	29·639	2nd	·277	77·7	87·9	—2·4	73·6	—1·2	80·7	—1·8	14·3	91·5	15th	67·9	26th
	Kyaukpyu	18	29·926		29·884	30·036	29th	29·743	2nd	·293	79·7	85·5		75·1		80·4		10·4	90·0	4th	72·4	26th & 30th.
	Akyab	20	29·938	+·040	29·899	30·055	29th & 30th.	29·754	2nd	·301	77·9	85·7	—2·1	74·7*	—2·0*	80·2*	—2·1	11·0	88·9	19th	69·5	27th
	Thayetmyo	121	29·838	+·040	29·901	29·968	29th	29·660	2nd	·308	78·6	88·9	—1·5	73·3	—0·8	81·1	—1·1	15·6	93·4	14th	62·9	26th
	Minbu	*165*	29·787	+·020	29·896	29·923	29th	29·600	2nd	·323	78·3	90·4	—0·9	73·3	—1·7	81·8	—1·3	17·1	97·3	14th, 15th & 16th.	65·5	26th
	Yamethin	657	29·286?	+·008?	29·900?	29·114	29th	29·119	2nd	·295	76·1	88·3	—4·2	72·2	—1·6	80·2	—2·9	16·1	94·3	17th	65·0	26th
	Mandalay	250	29·707	+·059	29·808	29·855	29th	29·514	2nd	·341	75·3	91·5	—0·3	73·5	—1·3	82·5	—0·8	18·0	98·0	15th & 16th.	64·1	27th
	Monywa	*280*	29·686		29·818	29·841	29th	29·490	2nd	·351	77·7	88·6		74·5		81·5		14·1	95·8	13th	67·6	4 days
	Lashio	*2,820*	27·196	+·023	29·945	27·313	29th	27·019	1st	·234	67·9	79·2	—4·3	66·0†	+0·7†	72·2†	—1·8	13·2	86·3	3rd & 4th.	63·0	14th, 15th & 17th.
	Bhamo	*381*	29·582	+·036	29·923	29·728	29th	29·387	1st & 2nd.	·341	73·9	85·5	—3·1	69·1	—0·5	77·3	—1·8	16·4	96·4	14th	60·1	28th
	Myitkyina	458	29·484		29·809	29·613	29th	29·281	1st	·359	71·7	82·9		69·2		76·0		13·7	91·2	5th	60·5	29th
	II.—Eastern Bengal and Assam.																					
4	Dibrugarh	353	29·590		29·911	29·749	28th	29·384	2nd	·365	72·6	82·0		70·6		76·3		11·4	90·4	5th	64·1	31st
	Sibsagar	333	29·624	+·004	29·922	29·811	29th	29·420	1st	·391	73·3	84·3	—2·5	70·2	—0·6	76·3	—1·5	12·1	89·6	5th	63·0	27th & 29th.
	Tezpur	252	29·708		29·923	29·888	29th	29·496	2nd	·392	74·2	83·5		71·6		77·5		11·9	90·1	5th & 11th.	65·4	20th & 27th.
	Gauhati	195	29·767		29·921	29·934	28th	29·547	2nd	·387	75·5	84·7		70·1		77·4		14·6	91·8	3rd	63·1	29th
	Dhubri	115	29·831	+·018	29·902	29·886	28th & 29th.	29·608	2nd	·378	76·0	81·2	—3·3	72·5	—0·3	76·9	—1·8	8·7	88·0	3rd & 5th.	68·1	31st
	Silchar	104	29·849	+·024	29·907	29·982	30th	29·675	2nd	·307	74·8	86·2	—2·5	71·1	—1·2	78·6	—1·9	15·1	91·3	4th	63·3	20th
5	Cox's Bazar	36	29·905		29·887	30·024	29th	29·699	2nd	·325	77·4	85·8		72·8		79·3		13·0	89·7	4th	66·2	27th
	Chittagong	87	29·869	+·041	29·903	29·996	30th	29·681	2nd	·315	76·8	85·9	—0·6	72·0	—1·4	78·9	—1·0	13·9	89·5	4th	66·0	27th
	Noakhali	43	29·907		29·897	30·043	30th	29·709	2nd	·334	77·7	84·7		73·8		79·3		10·9	88·8	4th	66·4	28th
	Barisal	12	29·931	+·031	29·889	30·066	30th	29·738	2nd	·328	80·7	87·1	—0·5	74·2	—0·4	80·6	—0·5	12·9	91·3	3rd	68·6	31st
	Comilla	36	29·909		29·894	30·039	30th	29·701	2nd	·338	78·6	87·6		73·5		80·5		14·1	92·3	3rd	67·3	28th
	Narayanganj	26	29·909	+·026	29·883	30·041	29th	29·709	2nd	·332	79·8	87·4	—0·5	75·3	0	81·3	—0·3	12·1	92·0	4th	69·8	31st
	Faridpur	46	29·891		29·890	30·038	28th	29·692	2nd	·346	79·6	86·8		74·4		80·6		12·4	90·8	5th	68·9	31st
	Sirajganj	49	29·883		29·882	30·029	30th	29·664	2nd	·365	77·5	84·5		74·7		79·5		9·8	90·9	5th	69·3	28th
	Mymensingh	63	29·862	+·021	29·897	30·022	28th	29·672	2nd	·350	78·8	86·1	—0·1	74·3	+1·1	80·2	+0·5	11·8	91·1	4th	68·6	
	Bogra	75	29·862	+·021	29·889	30·017	28th	29·648	2nd	·369	78·0	87·0	—0·2	73·4	+0·7	80·2	+0·3	13·6	92·7	5th	67·2	28th
	Rampur Boalia	70	29·878‡		29·898‡	30·032	28th	29·656	2nd	·376	79·5	86·7		75·2		80·9		11·5	91·1	3rd, 4th & 5th.	69·1	4 days
	Malda	72	29·847		29·872	30·016	28th	29·619	2nd	·397	78·6	86·2*		72·8		79·5*		13·4	92·3	3rd	66·5	31st
	Dinajpur	123	29·800	+·005	29·879	29·963	28th	29·577	2nd	·388	76·2	85·8	—1·6	72·1	+0·1	78·9	—0·7	13·7	92·3	4th & 5th.	66·0	19th & 30th.
	Rangpur	128	29·835§		29·913§	29·989	28th	29·575	2nd	·424	77·3	85·5		72·6		79·1		12·9	92·1	4th & 5th.	67·0	29th & 30th.

* Mean of 30 days. † " " 17 " ‡ Mean of 28 days. § " " 25 " ‖ Mean of 29 days.

N.B.—Elevations in italics indicate barometrical determinations.
NOTE.—The barometric readings are not reduced to sea-level, in the cases of hill or p

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tations in India, etc., in October, 1911.

Wind direction. Number of winds from N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Resultant direction.	Normal direction.	Wind velocity. Mean velocity, miles per hour.	Normal.	Departure from normal.	Wind steadiness. Actual percentage.	Departure from normal.	Hygrometry, 8 hrs. Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs., in inches of mercury.	Departure from normal, in inches of mercury.	Cloud. Mean cloud amount at 8 hrs.	Departure from normal.	Rainfall. Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st May to 31st October 1911.	Normal rainfall for period, 1st May to 31st October.	Departure from normal of period 1st May to 31st October 1911.	Heaviest rainfall during month.	Station.
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	54	55	56	57
																															I.—Burma.
2	3	9	3	8	4		1	1	N 88° E		5·5*			43		88		·861		6·6		18			17·34		139·56			3·64	Victoria Po
8	8		2	2		1			N 25° E	N 5° E	4·9	1·5	+3·4	23	+ 5	92	+ 5	·857	+·002	6·4	+1·5	17	16·10	+0·90	13·18	12·35	+ 0·83	161·07	147·48	+13·59	2·05	Mergui.
9		1	1						N 66° E	N 9° E	1·5*	1·1	+0·4	7	+ 4	88	0	·838	—·030	5·2	+0·4	16	12·30	+3·70	16·44	10·33	+ 6·11	215·88	207·51	+ 8·37	3·88	Tavoy.
2		7	13	5	3	1			S 84° E	S 85° E	4·7	2·2	+2·5	69	+37	90	+ 2	·847	—·023	6·7	+1·7	9	10·70	−1·70	6·17	8·71	— 2·54	191·76	181·83	+ 9·93	1·19	Moulmein.
2	9	5	3	4	2	1			N 86° E	S 53° E	2·4	2·9	—0·5	27	+15	86	− 6	·831	—·046	8·2	+2·6	12	8·50	+3·50	10·90	6·75	+ 4·15	103·13	92·78	+10·35	5·08	Rangoon.
1	3	3		4		1	1		S 86° E	N 80° E	3·2	3·3	−0·1	11	− 7	90	− 1	·834	−·021	4·5	−0·7	13	12·10	+0·90	8·80	8·00	+ 0·80	89·19	104·44	−15·25	1·74	Bassein.
2	9	6	1	1	3	3	1		N 54° E	N 53° E	7·7	7·5	+0·2	27	− 5	82	− 1	·896	—·003	6·1	+0·4	12	11·60	+0·40	14·31	8·11	+ 6·20	124·01	109·51	+14·50	4·78	Diamond Island.
4	3	1	7	3	1				S 71° E	N 84° E	1·5	1·8	—0·3	23	+ 5	83	− 1	·825	—·062	5·9	+0·4	11	9·60	+1·40	8·56	7·42	+ 1·14	78·91	77·60	+ 1·31	1·93	Toungoo.
	9	4	14	1	1				S 75° E		3·4*			62		86		·877		3·7		8			5·81		156·17			2·71	Kyaukpyu.
6	11	5	3				2		N 42° E	N 50° E	2·8	2·5	+0·3	66	− 9	90	− 1	·859	− ·054	5·5	−0·4	11	8·30	+2·70	8·23	9·89	− 1·66	192·70	184·26	+ 8·44	1·63	Akyab.
4			3	8	3				S	S 37° E	3·2*	3·5	—0·3	25	+ 4	83	− 1	·809	—·041	7·3	+1·6	8	6·90	+1·10	8·00	4·01	+ 3·99	32·70	34·30	− 1·60	2·80	Thayetmyo.
1		1	15	1			8		S 50° E	S 10° W	3·70	6·5	—2·8	27	+16	82	− 2	·788	—·055	5·2	+0·7	6	5·20	+0·80	4·75	4·51	+ 0·24	30·75	30·56	+ 0·19	1·93	Minbu.
4			7	7			3		S 26° E	S 45° E	3·1	3·4	−0·3	23	−14	83	+ 2	·786	—·071	3·8	+0·7	7	6·60	+0·40	5·92	5·88	+ 0·04	29·00	34·17	− 5·17	1·95	Yamethin.
2	1		10	6	2	1	2		S 21° E	S	3·8	3·2	+0·6	37	+12	84	− 1	·776	− ·034	3·9	—0·2	6	5·60	+0·40	2·39	5·00	− 2·61	36·32	29·48	+ 6·84	0·63	Mandalay.
4		2	10	2		1	5		S 71° E		2·6			17		83		·841		7·3		8	5·50	+2·50	8·77	4·68	+ 4·09	31·38	27·89	+ 3·49	3·17	Monywa.
1	5	1							N 45° E		1·7*			27		94	+ 2	·612	—·005	7·8	+0·2	13			7·56	5·43	+ 2·13	56·12	55·88	+ 0·24	1·97	Lashio.
2	1				1				N	N 4° W	1·3	1·9	—0·6	6	−16	93	+ 6	·789	+·015	7·5	+3·4	13	5·70	+7·30	10·39	3·94	+ 6·45	78·82	66·04	+12·73	3·49	Bhamo.
1	1	4	1	1					E		0·9			17		89		·705		6·6		11			11·63	7·15	+ 4·48	87·32	70·58	+16·74	2·90	Myitkyina.
																															II.—Eastern Bengal and Assam.
									(a)		0·3					91		·739		4·6		14	7·70	+6·30	13·28	4·26	+ 9·02	99·72	84·97	+14·75	2·10	Dibrugarh.
1	9			1	9				(a)	N 86° E	2·5	1·9	+0·6			92	− 4	·755	—·047	7·7	+0·5	11	4·20	+6·80	10·73	4·97	+ 5·76	77·74	76·39	+ 1·35	2·59	Sibsagar.
	7	6	1		2	1			N 75° E		2·9			30		88		·742		4·8		9	5·50	+3·50	5·11	3·75	+ 1·36	84·04	58·45	+25·59	1·67	Tezpur.
	1			1					S 67° E		1·8			2		88		·776		6·6		6	4·10	+1·90	3·69	2·46	+ 1·23	60·95	52·37	+ 8·58	1·25	Gauhati.
	12	9	2	3	3				N 84° E	N 67° E	5·3	3·8	+1·5	56	+13	85	− 1	·800	+·009	4·6	+0·8	11	4·10	+6·90	14·87	3·59	+11·28	101·16	86·54	+14·62	4·30	Dhubri.
	2	1							N 59° E	N 63° E	1·3	1·6	—0·3	7	+ 3	90	+ 1	·793	−·035	4·9	−1·2	13	7·00	+6·00	10·93	6·49	+ 4·44	114·83	97·40	+17·43	2·32	Silchar.
7	4	7	11	1					N 87° E		4·1*			56		89		·836		4·9		10			5·39		133·18			1·29	Cox's Bazar.
1	6	8	10	1			1		S 84° E	N 67° E	3·1	2·8	+0·3	62	+15	88	− 2	·803	−·056	4·7	—0·3	6	6·80	—0·80	6·45	6·22	+ 0·23	112·97	86·86	+26·11	3·89	Chittagong.
6	4	3	6	5	2	1			S 76° E		3·2			26		90		·847		4·7		11	7·13	+3·87	8·23	7·96	+ 0·32	119·51	108·13	+11·38	2·36	Noakhali.
	2		1		2				S 45° E	N 20° E	0·4	2·0	—1·6	3	− 8	83	− 1	·864	—·021	3·5	—0·2	9	5·94	+3·06	5·63	5·93	− 0·30	76·31	70·29	+ 6·02	2·07	Barisal.
1			8						S 50° E		1·7			26		85		·870		2·8		7	5·62	+1·38	7·23	6·04	+ 1·24	80·28	76·58	+ 3·70	2·40	Comilla.
1	1	4	4	3	5	2	1		S 11° E	N 50° E	2·8	2·7	+0·1	23	+12	85	+ 1	·863	+·015	4·9	+0·6	7	5·06	+1·94	6·34	4·58	+ 1·76	86·55	60·14	+26·42	4·13	Narayanganj
6	1	2	4	10	2		3		S 22° E		2·5			19		87		·876		2·9		5	5·31	—0·31	5·24	4·55	+ 0·69	70·46	59·82	+10·64	3·38	Faridpur.
2	3	3	4	7	4		2		S 30° E		2·7			29		92		·865		5·1		6	4·77	+1·23	3·62	4·69	− 1·07	69·14	57·88	+11·26	1·35	Sirajganj.
		3	1	2					S 53° E	S 85° E	0·4	1·6	—1·2	17	—20	88	0	·830	+·010	4·8	+0·5	9	5·58	+3·42	7·69	5·20	+ 2·49	92·54	82·97	+ 9·57	1·57	Mymensingh.
3	2	3	1	6	3	1			S 25° E	N 86° E	1·4	1·6	—0·2	17	+ 1	89	+ 3	·865	0	4·5	+1·0	9	4·84	+4·16	4·09	4·22	− 0·13	75·68	62·61	+13·07	1·82	Bogra.
1	2		3	3	3	1			S 5° E					16		83		·845		0·4		6	4·30	+1·10	1·96	3·14	− 1·18	50·48	49·47	+ 1·01	0·51	Rampur Boalia.
2	6	3	5	4	6		2		S 51° E		3·6*			23		87		·852		1·6		5	4·39	+0·61	5·73	3·85	+ 1·88	57·00	49·13	+ 7·87	3·55	Malda.
2	8	9	1	4	2	1	3		N 72° E	N 53° E	2·5	2·4	+0·1	40	+18	90	+ 5	·821	+·013	4·7	+1·6	8	3·61	+4·38	7·03	3·08	+ 3·95	74·47	64·85	+ 9·62	2·12	Dinajpur.
1	10	2	1	4	3	1			N 81° E		1·9			23		86		·802		3·6		11	4·03	+6·97	6·66	4·19	+ 4·47	70·12	75·05	− 4·93	3·27	Rangpur.

ions, the elevations of which exceed 3,000 feet. * Uncorrected for scale error. (a) Indeterminate.

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(2) *Abstract of observations taken at 8 hrs. at 2*

Number of subdivision.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	II.—Eastern Bengal and Assam—*concld.*																					
5	Jalpaiguri	283	29·654	+·009	29·900	29·813	28th	29·438	2nd	·375	74·4	85·8	0	70·7	+0·9	78·2	+0·5	15·1	90·9	5th	64·9	20th, 22nd & 23rd.
	Cooch Behar	156	29·781		29·896	29·949	28th	29·563	2nd	·386	74·5	84·0		71·1		77·6		12·9	90·8	5th	65·1	30th
	III.—Bengal.																					
6	Saugor Island	25	29·902	+·022	29·872	30·058	29th	29·723	2nd	·335	80·5	86·6	−0·3	76·4	+0·2	81·5	−0·1	10·2	90·2	4th	69·2	31st
	Midnapore	149	29·770		29·868	29·941	29th	29·571	2nd	·370	79·2	89·1		73·5		81·3		15·6	93·3	15th	65·7	30th
	Calcutta	21	29·908	+·020	29·876	30·064	30th	29·717	2nd	·347	79·0	88·0	+1·3	74·8	+0·5	81·4	+0·9	13·2	90·9	4th, 16th & 17th.	68·0	31st
	Jessore	33	29·908	+·028	29·888	30·054	29th	29·723	2nd	·331	79·4	87·5	−0·9	73·6	−1·0	80·5	−0·9	13·9	92·0	3rd & 4th	66·7	31st
	Krishnagar	47	29·882		29·878	30·063	31st	29·671	2nd	·392	78·8	88·6		74·4		81·5		14·2	93·4	5th	67·0	30th & 31st.
	Burdwan	99	29·828	+·014	29·876	29·990	29th	29·628	2nd	·362	79·0	88·4	−0·3	74·9	+0·3	81·7	0	13·5	91·4	6 days	68·8	30th
	Bankura	313	29·602		29·834	29·777	30th	29·397	2nd	·360	78·7	88·1		72·9		80·5		15·2	92·1	17th	66·2	24th
	Raniganj	334	29·591		29·885	29·758	28th	29·386	2nd	·372	75·3	87·1		72·5		79·8		14·6	90·5	2nd & 3rd	66·0	24th
	Berhampore	67	29·863	+·014	29·880	30·028	29th	29·653	2nd	·375	78·3	86·9	−0·6	74·7	+0·4	80·8	−0·1	12·2	91·6	5th	69·7	29th & 30th.
7	Balasore	50	29·878	+·011	29·873	30·052	30th	29·705	2nd	·347	78·4	83·7	+0·7	73·5	+0·4	81·1	+0·5	15·2	92·4	16th	66·6	30th & 31st.
	False Point	21	29·905	+·019	29·869	30·053	31st	29·736	2nd	·317	80·3	88·1	+0·7	73·7	−0·9	80·9	−0·1	14·4	90·7	26th	66·1	31st
	Cuttack	80	29·846	+·021	29·868	30·012	31st	29·680	2nd	·332	78·3	89·0	−0·7	74·5	−0·1	81·8	−0·4	14·5	91·9	1st	68·2	31st
	Puri	24	29·903		29·866	30·060	31st	29·736	2nd	·324	80·9	89·1		72·0		83·0		12·1	91·6	1st	71·6	31st
	Angul	455	29·482†		29·903‡	29·616	30th	29·293	2nd	·353	77·4	88·5		71·8		80·2		16·7	91·1	4 days	61·0	30th
	Sambalpur	486	29·449	+·017	29·891	29·647	30th	29·291	2nd	·356	76·9	87·6	−1·2	72·8	+0·9	80·2	−0·1	14·8	90·6	4th	65·6	24th & 30th.
8	Chaibassa	*733*	29·178	+·008	29·873	29·347	30th	28·998	2nd	·349	75·6	88·7	−0·1	70·5	+0·7	79·6	+0·3	18·2	92·1	16th	61·8	30th
	Ranchi	2,128	27·797	+·013	29·263	27·950	29th	27·630	2nd	·320	73·1	83·3	+0·3	67·4	+1·8	75·3	+1·1	15·9	86·7	3rd	61·9	27th & 28th.
	Purulia	*816*	29·095‡		29·871‡	29·264	30th	28·895	2nd	·369	76·3	89·0		71·7		80·3		17·3	94·5	1st	61·1	30th
	Hazaribagh	2,007	27·925	+·028	29·877	28·076	28th & 30th.	27·758	2nd	·320	74·6	83·7	+0·4	67·3	+0·5	75·5	+0·5	16·4	88·6	3rd	61·0	28th & 30th.
	Daltonganj	*730*	29·187†		29·890†	29·381	30th	28·993	2nd	·388	73·0	88·9		68·5		78·7		20·4	93·6	3rd	61·0	31st
9	Purnea	134	29·798	+·017	29·889	29·976	28th	29·575	2nd	·401	76·2	86·5	−0·9	71·9	+0·7	79·2	−0·1	14·6	92·6	3rd & 4th	66·2	4 days
	Bhagalpur	160	29·758		29·873	29·934	29th	29·536	2nd	·398	77·9	87·7†		72·9		80·2†		14·8	92·7	4th	66·8	19th, 25th & 31st.
	Monghyr ††	155	29·771		29·880	29·966	29th	29·555	2nd	·411	79·8	87·3		73·2		80·2		14·1	93·2	3rd	68·4	30th & 31st.
	Darbhanga	165	29·752	+·002	29·874	29·929	29th	29·519	2nd	·410	78·0	87·2	+0·5	72·1	−1·0	79·7	−0·3	15·1	94·1	3rd	65·7	19th, 30th & 31st.
	Pusa	168	29·717		29·862	29·910	29th	29·491	2nd	·419	77·4	87·8		71·4		79·6		16·4	94·0	4th	65·2	19th
	Muzaffarpur	177	29·752		29·889	29·937	29th	29·523	2nd	·414	76·0	86·8		68·5		79·3		18·3	93·7	3rd & 4th.	65·5	29th, 30th & 31st.
	Motihari	221	29·697		29·882	29·885	29th	29·471	2nd	·414	75·4	86·5		71·3		78·9		15·2	93·1	3rd	64·3	29th
	Chapra	181	29·728		29·867	29·927	29th	29·508	2nd	·419	78·3	87·6		73·4		80·5		14·2	94·8	4th	67·2	29th
	Patna	183	29·730	−·003	29·870	29·918	29th	29·511	2nd	·407	79·5	86·5	−1·7	74·1	+1·6	80·3	−0·1	12·4	93·0	3rd	68·2	31st
	Arrah	190	29·713		29·859	29·915	29th	29·493	2nd	·422	77·2	86·9		73·2		80·1		13·7	93·1	3rd & 4th	66·3	29th
	Buxar	239	29·664		29·864	29·862	29th	29·450	2nd	·412	77·1	88·0		72·6		80·3		15·4	94·5	4th	67·1	25th, 29th & 31st.
	Dehri	351	29·544		29·855	29·742	30th	29·341	2nd	·401	77·5	88·2		73·3		80·7		14·9	94·3	4th	68·0	23rd, 30th & 31st.
	Gaya	372	29·541	+·005	29·870	29·735	29th	29·332	2nd	·403	77·9	89·4	−0·2	72·7	+1·7	81·1	+0·7	16·7	94·9	3rd	67·2	31st
	Naya Dumka	489	29·435	+·029	29·884	29·605	28th	29·225	2nd	·380	76·1	86·9	−0·5	70·9	+0·3	78·9	−0·1	16·0	92·9	3rd	65·5	29th, 30th & 31st.
	IV.—United Provinces of Agra and Oudh.																					
10	Gorakhpur	257	29·651	+·007	29·870	29·841	29th	29·440	1st	·401	76·8	86·3	−2·4	69·9	−0·3	78·1	−1·3	16·4	92·6	3rd & 4th	64·3	25th
	Benares	267	29·642	+·003	29·866	29·835	30th	29·437	2nd	·358	75·1	88·6	−1·3	70·5	+2·2	79·5	+0·5	18·1	94·1	1st & 4th	64·1	26th, 29th & 31st.
	Allahabad	309	29·600	+·003	29·869	29·799	30th	29·389	1st	·410	77·5	88·9	−1·6	70·6	+3·0	79·8	+0·7	18·3	92·6	1st	64·5	26th, 30th & 31st.

N.B.—Elevations in italics indicate barometrical determinations.

† Mean of 30 days.

‡ Mean of 27 days.

†† Mean of 14 days.

NOTE.—The barometric readings are not reduced to sea-level, in the case of hill or pl

—continued.

ations in India, etc., in October, 1911—continued.

Wind direction. Number of winds from N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Resultant direction.	Normal direction.	Wind velocity. Mean velocity, miles per hour.	Normal.	Departure from normal.	Wind steadiness. Actual percentage.	Departure from normal.	Hygrometry, 8 hrs. Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs., in inches of mercury.	Departure from normal, in inches of mercury.	Cloud. Mean cloud amount at 8 hrs.	Departure from normal.	Rainfall. Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st May to 31st October, 1911.	Normal rainfall for period, 1st May to 31st October.	Departure from normal of period, 1st May to 31st October, 1911.	Heaviest rainfall during month.	Station.
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	54	55	56	57
																															II.—Eastern Bengal and Assam—*concld.*
1	1	1		1			1	N 38° E	N 51° E	1·4			3	−40	87	−1	·756	−·021	4·7	+1·4	11	4·71	+ 6·29	8·75	4·41	+ 4·34	114·44	116·56	− 2·12	2·07	Jalpaiguri.
	6	2	3	2			1	N 83° E		1·0			26		8½††		·638††		5·9		11	4·17	+ 6·83	25·87	6·03	+19·84	162·30	137·77	+24·53	8·59	Cooch Behar.
																															III.—Bengal.
4	5	1	2	8	7	1	3	S 24° W	N 14° W	10·8	7·4	+3·4	20	− 2	86	0	·898	+·010	4·8	−0·6	8	7·90	+ 0·10	3·36	7·91	− 4·55	45·64	64·40	−18·76	0·67	Saugor Island.
4	5	1	3	4	5	1	1	S 45° E		2·3			3		86		·857		2·9		7	5·27	+ 1·73	2·38	3·29	− 0·91	47·02	52·18	− 5·16	0·65	Midnapore.
1	8	1	3	3	9	3	1	S 18° W	N 58° W	3·7*	2·8	+0·9	13	− 6	87	+ 3	·861	+·018	3·2	−0·2	7	5·33	+ 1·67	3·45	3·91	− 0·46	38·86	56·48	−17·62	0·86	Calcutta.
2	2	2	5	4	3	2	2	S 17° E	S 67° E	2·7	2·0	+0·7	17	− 5	85	− 1	·862	−·014	3·5	−0·4	8	5·74	+ 2·26	2·77	4·81	− 2·04	45·87	57·35	−11·48	0·68	Jessore.
2	1	1	2	3		1	4	N 45° W		0·9			3		89		·871		3·2		6	4·37	+ 1·03	4·82	3·94	+ 0·88	62·64	50·39	+12·25	2·17	Krishnagar.
4	2	1	1		5	1	1	N 48° W	N 28° W	1·5	1·9	−0·4	10	− 4	85	+ 5	·843	+·049	3·9	+0·2	4	4·10	− 0·10	2·18	2·91	− 0·73	42·26	52·00	− 9·74	0·80	Burdwan.
			2			3		S 63° W		2·6			6		77		·718		2·5		5	4·81	+ 0·19	2·04	2·73	− 0·69	60·01	49·83	+10·18	0·84	Bankura.
		2	1					S 72° E		0·8			10		91		·802		2·9		4	4·23	− 0·23	2·55	2·31	+ 0·24	47·82	48·06	− 0·24	1·65	Raniganj.
1	2	4	2	8	3		1	S 37° E	S 39° W	3·4	2·0	+1·4	23	+18	86	0	·834	−·001	3·5	−0·2	4	5·04	− 1·04	2·76	3·55	− 0·79	60·10	50·74	+ 9·36	1·75	Berhampore.
8		1		1	7	1	3	N 59° W	N 41° W	1·7	2·6	−0·9	27	− 9	82	− 4	·793	−·047	3·7	−0·9	8	6·32	+ 1·68	3·02	5·54	− 2·52	39·47	54·50	−15·03	0·75	Balasore.
4	1		1	3	4	6	9	N 72° W	N 45° W	5·6	6·0	−0·4	49	+ 2	84	0	·865	−·012	5·3	+0·7	5	7·74	− 2·74	2·07	8·27	− 6·20	32·75	56·35	−23·60	0·94	False Point.
		1	1	1	5	3		S 43° W	N 51° W	1·5*	1·8	−0·3	27	+ 9	84	+ 5	·822	+·035	4·4	+0·8	8	6·06	+ 1·94	3·81	4·99	− 1·18	47·79	54·61	− 6·82	1·16	Cuttack.
10	1		1	1	5	4	6	N 45° W		8·6			45		82		·859		3·5		4	7·62	− 3·62	1·52	7·09	− 5·57	44·02	47·81	− 3·79	0·50	Puri.
3		1	4	1	1	3	17	N 48° W		4·5			52		82		·790		3·2		8			2·46	3·38	− 0·92	42·01	42·34	− 0·33	0·82	Angul.
	5		11	4	8	1		S 19° E	N 33° E	3·8	2·9	+0·9	49	− 8	85	+ 7	·793	+·044	4·1	+1·5	6	3·60	+ 2·40	2·21	1·87	+ 0·34	63·72	62·53	+ 1·19	1·37	Sambalpur.
	1	1		2	10	2	1	S 47° W	S 63° W	2·2	0·9	+1·3	37	+15	82	0	·733	−·006	3·8	+0·6	6	4·19	+ 1·81	3·24	2·32	+ 0·92	38·05	46·99	− 8·94	1·02	Chaibassa.
1	3	2	3	2	4	8	4	S 82° W	N 89° W	4·5	4·5	0	23	+ 2	77	+ 5	·636	+·050	3·5	+0·4	8	4·35	+ 3·65	4·66	2·46	+ 2·20	53·84	51·51	+ 2·33	1·06	Ranchi.
						2	1	N 72° W		1·7			10		88		·802		1·8		6	3·80	+ 2·20	5·41	2·62	+ 2·79	47·78	46·92	+ 0·86	2·37	Purbiia.
1		1	1	5	4	4	3	S 53° W	S 72° W	4·7	5·2	−0·5	27	+ 2	72	+ 2	·609	+·030	2·7	−0·8	4	4·48	− 0·48	2·30	2·83	− 0·53	70·55	48·39	+22·16	0·94	Hazaribagh.
	2	8	4	1	1	1		S 75° E		2·4			36		89		·723		2·5		7	3·06	+ 3·94	2·76	1·60	+ 1·16	48·36	38·47	+ 9·89	0·71	Daltonganj.
	7	2	1	1	2	1	2	N 50° E	N 79° E	1·9	2·0	−0·1	17	+ 2	92	+ 4	·828	+·028	2·7	+0·1	7	3·39	+ 3·61	3·35	2·92	+ 0·43	63·04	58·92	+ 4·12	1·16	Purnea.
	3		1					N 72° E		1·8			10		86		·811		3·1		3	3·03	− 0·03	6·64	2·05	+ 4·59	70·61	46·15	+24·46	2·54	Bhagalpur.
	2	7	4		3	5	2	S 45° E		3·8			10		83		·850		3·2		3			1·44			69·50			0·76	Monghyr.
1		13	1		1	2		S 86° E	S 68° E	2·0	2·1	−0·1	35	+14	87	+ 4	·838	+·055	2·7	+0·7	4	3·03	+ 0·97	3·09	2·74	+ 0·35	48·19	47·99	+ 0·20	1·32	Darbhanga.
	4	6	4	2	6	2	1	S 45° E§		2·3			26		88		·828		2·9		8			3·13			50·55			1·45	Pusa.
	3	7	4		2	2	1	S 76° E		2·3*			26		85		·806		1·7		5	2·87	+ 2·13	3·25	2·88	+ 0·37	43·53	46·86	− 3·33	2·35	Muzaffarpur.
	7	10	1	1	1	1		N 78° E		2·2			45		90		·799		2·5		5	2·71	+ 2·29	1·81	2·67	− 0·86	41·34	53·47	−12·13	0·87	Motihari.
								?		?			?		84		·810		2·4		7	2·81	+ 4·19	4·88	2·27	+ 2·61	51·49	39·52	+11·97	2·00	Chapra.
		13	4	1	10	1	1	S 35° E	S 8° W	3·6	2·2	+1·4	40	+13	82	+ 9	·838	+·107	2·8	+0·4	7	3·13	+ 3·87	3·17	2·76	+ 0·41	49·58	44·67	+ 4·91	1·22	Patna.
1	2	3	3	4	1			S 9° E		7·9			19		89		·836		2·9		8	3·48	+ 4·52	7·34	2·40	+ 4·94	60·62	41·73	+18·89	2·35	Arrah.
1	8	4	4	4	5	1		S 22° E		2·9			26		84		·781		3·0		7	2·84	+ 4·16	12·19	2·70	+ 9·49	38·79	38·64	+15·15	6·97	Buxar.
1	4	2	7	9	1			S 4° W		3·6			45		82		·777		1·7		6	2·78	+ 3·22	4·81	2·11	+ 2·70	41·41	39·51	+ 1·93	1·89	Dehri.
5		2	6	1	3	1		S 7° E	S 9° W	2·4	2·7	−0·3	13	−19	77	+ 3	·747	+·053	2·1	−0·9	4	2·90	+ 1·10	4·70	2·01	+ 2·69	51·40	43·76	+ 7·64	3·27	Gaya.
	1							E		1·3			8		82		·749		2·8		9	4·70	+ 4·30	7·55	3·92	+ 3·63	64·30	54·81	+ 9·49	3·22	Naya Dumka.
																															IV.—United Provinces of Agra and Oudh.
6		3			2	1		N 51° E	N 27° W	1·8	1·2	+0·6	17	− 5	86	+ 9	·790	+·076	2·3	+0·7	6	2·10	+3·90	3·99	3·91	+ 0·08	54·64	48·35	+ 6·29	1·45	Gorakhpur.
2	2	6	3	5	3			S 7° E	S 50° W	1·5	2·5	−1·0	30	+12	80	+ 3	·777	+·098	2·7	+0·5	7	2·20	+4·80	4·21	2·58	+ 1·63	34·39	37·43	− 3·04	2·60	Benares.
5	4	2	1	3	5	1		N 34° E	N 86° W	·2	3·1	−0·9	7	−18	78	+ 9	·738	+·104	3·9	+1·9	6	1·90	+4·10	5·63	2·52	+ 3·11	34·15	36·88	− 2·73	3·32	Allahabad.

ons, the elevations of which exceed 5,100 feet

* Uncorrected for scale error.

§ Two variable winds.

Tab

(2) *Abstract of observations taken at 8 hrs. at 2*

Number of subdivision.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	2
	IV.—United Provinces of Agra and Oudh—*concld.*																						
10	Cawnpore	416	29·487	0	29·865	29·688	29th	29·276	1st	·412	76·2	89·9	−1·6	69·4	+3·6	79·6	+1·0	20·5	94·2	16th	62·4	31st	3
	Lucknow	368	29·546	+·015	29·877	29·744	29th	29·323	1st	·421	77·6	89·5	−1·7	69·5	+4·0	79·5	+1·1	20·0	93·0	4th	62·1	31st	3
	Banraich	401	29·490	−·007	29·857	29·697	28th	29·272	1st	·425	76·1	87·6	−2·5	70·4	+3·2	79·0	+0·3	17·2	93·1	3rd	63·0	29th & 31st.	3
11	Jhansi	824	29·095	+·002	29·837	29·292	29th	28·898	1st	·394	75·6	90·9	−2·0	69·1	0	80·0	−1·0	21·8	94·5	17th, 20th & 25th.	61·5	21st	3
	Agra	556	29·342	−·011	29·864	29·553	30th	29·148	2nd	·405	77·8	94·0	+0·7	70·0	+2·4	82·0	+1·5	24·0	97·5	13th	60·5	20th	3
	Mainpuri	516	29·381	+·005	29·866	29·574	30th	29·177	1st	·397	73·5	90·5	−2·4	67·9	+3·3	79·2	+0·5	22·6	93·8	14th	61·1	24th, 27th & 30th.	3
	Bareilly	568	29·325	+·001	29·854	29·514	30th	29·123	2nd	·391	75·1	89·0	−0·5	68·5	+3·2	78·7	+1·3	20·5	91·8	4th	60·5	31st	3
	Meerut	733	29·172	+·016	29·883	29·375	30th	28·966	2nd	·409	73·7	88·1	−2·4	65·7	+3·3	76·9	+0·5	22·4	91·6	12th	57·8	31st	3
	Roorkee	899	29·012	+·020	29·896	29·207	29th	28·798	2nd	·409	72·4	85·3	−3·0	64·7	+3·4	75·6	+0·2	21·6	89·5	5th & 10th.	52·9	31st	3
	Dehra Dun	2,233	27·685	+·007	29·888	27·856	29th	27·500	2nd	·356	68·9	82·5	+0·2	62·6	+2·0	72·6	+1·1	19·9	86·0	3rd & 5th	55·0	30th	3
	V.—Punjab.																						
12	Delhi	718	29·174	−·002	29·868	29·333	30th	28·975	2nd	·408	74·9	89·6	−3·1	69·2	+1·3	79·1	−0·9	19·6	93·0	12th	63·8	20th, 23rd & 25th.	2
	Sirsa	602	29·220	−·008	29·861	29·456	30th	29·006	2nd	·450	74·3	97·0	+0·2	65·3	+2·7	81·1	+1·5	31·7	104·8	3rd & 4th.	56·5	31st	4
	Patiala	*818*	29·054		29·854	29·276	29th	28·865	2nd	·411	73·0	90·8		65·3		78·0		25·5	95·2	10th	58·6	31st	3
	Ambala	892	28·996	+·005	29·873	29·202	29th	28·793	2nd	·409	72·5	92·2	−1·0	63·9	+3·1	78·1	+1·1	28·3	99·5	9th	55·9	31st	4
	Ludhiana	812	29·083	+·009	29·881	29·303	29th	28·894	1st	·409	72·4	93·0	+1·1	65·0	+2·0	79·0	+1·5	28·0	99·5	3rd	58·0	31st	4
	Lahore	702	29·177	−·005	29·866	29·421	29th	28·971	2nd	·450	72·1	96·5	+1·4	64·3	+5·2	80·4	+3·3	32·2	104·9	4th	55·2	30th	4
	Sialkot	830	29·066	+·015	29·887	29·321	29th	28·846	2nd	·475	72·0	91·3	−1·0	62·2	+0·3	75·7	−0·3	29·1	98·0	4th	53·5	31st	4
	Rawalpindi	1,674	28·232	−·001	29·907	28·467	29th	28·029	2nd	·438	67·9	89·4	−1·2	58·4	+2·6	73·9	+1·9	31·0	97·4	4th	49·9	31st	4
13	Khushab	612	29·273	0	29·886	29·540	29th	29·058	2nd	·482	76·5	95·8	+2·0	65·2	+4·3	81·0	+3·1	29·6	103·9	2nd	58·4	28th & 31st.	4
	Montgomery	558	29·311	−·017	29·840	29·571	30th	29·095	2nd	·476	76·8	96·7	+0·1	65·9†	+3·7†	81·3†	+1·9	30·8	101·4	4th	57·5	29th	4
	Multan	420	29·458	−·012	29·85[illegible]	29·725	30th	29·227	2nd	·498	75·2	95·5	0	66·0	+3·0	81·7	+1·8	27·5	104·3	3rd	61·5	19th	4
	VI.—North-West Frontier Province.																						
15	Peshawar	1,113	28·802	−·015	29·924	29·047	27th, 29th & 31st.	28·566	2nd	·481	65·2	89·5	+1·1	59·3	+2·1	74·4	+1·6	30·2	98·2	2nd	53·9	18th, 19th & 28th.	4
	D. I. Khan	590	29·291	−·027	29·865	29·559	29th	29·088	2nd	·471	70·9	92·6	−1·4	63·1	+2·5	77·9	+0·5	29·5	100·4	3rd	57·6	28th	4
	VII.—Sind.																						
17	Jacobabad	186	29·702	−·009	29·850	29·971	30th	29·467	2nd	·504	78·3	100·4	+1·8	64·2	+1·7	82·3	+1·7	36·2	111·6	2nd	57·8	18th	4
	Hyderabad	96	29·810	+·001	29·859	30·032	30th	29·611	2nd	·421	77·0	97·8	−0·2	70·4	+0·4	84·1	+0·1	27·4	106·0	1st	65·5	29th	4
	Karachi	13	29·831	+·011	29·895	30·118	28th	29·753	2nd	·365	77·7	85·4	−1·5	73·4	+2·1	79·4	+0·3	12·0	91·5	31st	68·0	18th, 27th & 30th.	4
	VIII.—Rajputana.																						
18	Bikaner	*771*	29·112	+·002	29·851	29·329	30th	28·905	2nd	·424	79·1	97·2	+1·3	72·6	+1·2	84·9	+1·3	24·6	105·5	3rd	59·0	28th	4
	Jodhpur	780	29·136	−·001	29·883	29·299	30th	28·950	2nd	·349	77·5	97·2	−0·3	68·6	+0·4	82·9	+0·1	28·6	103·5	2nd	61·3	14th & 19th.	4
19	Jaipur	1,431	28·493	−·005	29·887	28·675	30th	28·321	2nd	·354	76·9	95·9	+0·7	66·1	+2·1	80·5	+1·4	28·9	98·2	4 days	59·1	19th	4
	Sambhar	1,254	28·668	+·010	29·886	28·853	30th	28·484	2nd	·369	77·2	96·6	+3·5	66·3	+2·7	81·6	+3·1	30·5	103·4	3rd	58·9	19th	4
	Ajmer	1,611	28·316	−·009	29·892	28·485	30th	28·143	2nd	·342	73·6	95·0	+1·0	69·8	+6·6	81·4	+3·8	23·2	96·4	7th & 8th.	62·7	20th	4
	Kotah	818P	29·074	−·017	29·851	29·253	30th	28·899	1st	·354	80·6	96·5	+1·2	72·1	+1·5	84·3	+1·3	24·4	103·6	1st	64·1	28th	4
	Udaipur	1,925	28·025	−·001	29·886	28·167	30th	27·866	2nd	·301	78·1	93·3	+1·3	66·7	+2·8	80·0	+2·1	26·6	97·5	3rd	61·8	20th & 26th.	4

Note.—Elevations in italics indicate barometrical determinations.

Note.—The barometric readings are not reduced to sea-level, in the ca

—continued.

tions in India, etc., in October, 1911—continued.

Wind direction. Number of winds from N.E.		S.E.	S.	S.W.	W.	N.W.	Resultant direction.	Normal direction.	Wind velocity. Mean velocity, miles per hour.	Normal.	Departure from normal.	Wind steadiness. Actual percentage.	Departure from normal.	Hygrometry, 8 hrs. Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs., in inches of mercury.	Departure from normal, in inches of mercury.	Cloud. Mean cloud amount at 8 hrs.	Departure from normal.	Rainfall. Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st May to 31st October, 1911.	Normal rainfall for period, 1st May to 31st October.	Departure from normal of period, 1st May to 31st October, 1911.	Heaviest rainfall during month.	Station.
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	54	55	56	57
																														IV.—United Provinces of Agra and Oudh—*concld.*
2	4	2	1	6	6		S 39° W	S 76° W	1·8	2·1	−0·3	17	−12	77	+11	·707	+·105	1·3	+0·2	3	1·50	+1·50	1·67	1·35	+0·32	22·84	33·84	−11·00	0·88	Cawnpore.
2							N 45° E	N 58° W	1·3	1·8	−0·5	3	−6	77	+5	·737	+·109	1·5	+0·1	4	1·60	+2·40	2·14	1·20	+0·94	31·54	35·61	−4·07	1·12	Lucknow.
3	6	7	2	1		2	S 85° E	N 77° E	1·6	1·6	0	43	+33	81	+5	·733	+·042	2·4	+1·1	5	1·40	+3·60	2·14	1·69	+1·45	47·40	41·67	+5·73	2·10	Bahraich.
2	1	1	3	10	7	1	S 60° W	S 70° W	3·4	2·4	+1·0	46	+3	67	+15	·604	+·107	2·1	+1·2	4	0·90	+3·10	1·68	0·72	+0·96	24·34	35·62	−11·28	1·08	Jhansi.
1		2	5	4	2	2	S 30° W	N 68° W	3·4	3·1	+0·3	30	−10	65	+8	·631	+·134	1·2	+0·4	0	0·60	−0·60	0·02	0·83	−0·81	16·31	25·50	−9·19	0·02	Agra.
2	3	3	4	3	4	3	S 45° W	N 83° W	1·0	0·9	+0·1	10	−6	79	+14	·664	+·132	1·0	−0·1	2	0·80	+1·20	0·42	1·52	−1·10	20·45	24·89	−4·44	0·21	Mainpuri.
2	2				1		N 59° E	N 15° W	2·5	1·3	+1·2	7	+1	79	+4	·705	+·100	1·4	+0·6	1	0·91	+0·09	0·38	1·38	−1·00	25·14	41·62	−16·48	0·38	Bareilly.
1	2	1		1		5	N 16° W	S 88° W	0·4	1·2	−0·8	10	−3	76	+10	·644	+·160	1·1	+0·5	0	0·50	−0·50	0·16	0·56	−0·40	17·22	28·68	−11·46	0·07	Meerut.
		1				1	(a)	S 58° E	0·7*	1·3	−0·6			78	+4	·627	+·102	0·7	0	0	0·80	−0·80	0·08	0·57	−0·49	31·97	37·18	−5·21	0·06	Roorkee.
							(a)	S 27° E	1·4	1·3	+0·1			73	+5	·528	+·085	1·6	+0·4	2	1·10	+0·90	1·67	0·89	+0·78	58·21	77·77	−19·56	0·96	Dehra Dun.
																														V.—Punjab.
1	4	3	2	3	5		S 3° W	N 83° W	1·7	2·3	−0·6	18	−14	68	+18	·588	+·166	0·8	0	4	0·60	+3·40	1·24	0·29	+0·95	19·39	24·36	−4·97	0·45	Delhi.
2	2	3	4				S 64° E	S 31° W	3·2	3·4	−0·2	20	−2	51	+1	·428	+·028	1·3	+0·6	1	0·40	+0·60	0·28	0·11	+0·17	3·14	11·87	−8·73	0·25	Sirsa.
2	7	11				5	S 77° E		3·6			4		72		592		0·7		2			0·41	0·29	+0·12	9·95	20·77	−10·82	0·25	Patiala.
6	14	3					N 75° E	N 10° W	2·1	1·1	+1·0	66	+62	71	+1	·576	+·066	0·9	+0·4	1	0·40	+0·60	0·15	0·23	−0·08	13·39	24·28	−10·89	0·10	Ambala.
1		1	1				S 52° E	S 55° E	0·2	1·1	−0·9	3	−8	66	+5	·523	+·065	1·5	+0·5	2	0·50	+1·50	1·37	0·28	+1·09	10·25	23·32	−13·07	1·17	Ludhiana.
	3	2	1			1	S 64° E	S 83° E	1·5	1·6	−0·1	13	+1	61	+4	·478	+·045	1·7	+1·2	1	0·40	+0·60	0·27	0·16	+0·11	7·89	15·93	−8·04	0·27	Lahore.
6	9	1			1		N 70° E	N 54° E	1·1	1·4	−0·3	46	+14	72	+13	·576	+·142	1·1	+0·4	1	1·00	0	0·58	0·19	+0·39	13·90	24·71	−10·81	0·53	Sialkot.
					1		W	N 5° W	1·8	1·4	+0·4	3	−11	59	−3	·399	+·008	1·5	+0·5	2	1·30	+0·70	1·43	0·39	+1·04	14·60	24·22	−9·62	1·06	Rawalpindi.
9	11	1	1	1	1		N 77° E	N 48° E	4·9	3·9	+1·0	53	+10	39	−6	·347	−·004	1·6	+1·3	0	0·20	−0·20	0·06	0·03	+0·03	6·46	10·38	−3·92	0·06	Khushab.
	5	7	6				S 68° E	S 41° E	4·3	4·1	+0·2	46	+10	38	−8	·337	−·068	1·5	+0·9	2	0·10	+1·90	0·27	0·02	+0·25	4·43	8·22	−3·79	0·16	Montgomery.
		2					N 65° E	S 40° E	0·9	1·5	−0·6	3	−18	51	−5	·431	−·031	0·8	+0·4	1	0	+1·00	0·56	0·01	+0·55	2·81	5·03	−2·22	0·56	Multan.
																														VI.—North-West Frontier Province.
		2	1	3	1		N 87° W	S 40° W	1·5	2·3	−0·8	7	−7	64	+5	·411	+·028	1·6	+0·7	1	0·40	+0·60	0·50	0·12	+0·38	1·59	5·62	−4·03	0·45	Peshawar.
					1		N 27° E	N 31° E	1·2	1·1	+0·1	27	+2	60	+3	·452	+·045	1·7	+1·2	1	0·20	+0·80	1·35	0·04	+1·31	4·16	6·09	−1·93	1·35	D. I. Khan.
																														VII.—Sind.
	2				2		N 24° E	N 41° E	2·3	2·1	+0·2	7	−4	51	−1	·490	+·052	0·1	−0·2	0	0	0	0	0	0	0·05	2·40	−2·35	0	Jacobabad.
		11	13	1			S 31° W	S 56° W	7·5	8·6	−1·1	59	+30	67	+14	·622	+·127	0·7	+0·1	0	0	0	0	0	0	0·02	6·24	−6·22	0	Hyderabad.
2			3	16	4		N 80° W	N 50° W	11·8	9·4	+2·4	56	+22	81†	+15	·764†	+·105	2·0	+0·8	0	0	0	0	0	0	0·21	6·19	−5·98	0	Karachi.
																														VIII.—Rajputana.
1	1		7	5			S 56° W	S 48° W	2·9	4·9	−2·0	33	−14	37	−10	·360	−·089	1·1	+0·2	1	0·30	+0·70	0·22	0·08	+0·24	2·96	10·28	−7·32	0·32	Bikaner.
	1	1	8	7	2		S 81° W		3·7			37		38	−3	·353		1·0		0	0·30	−0·30	0·01	0·11	−0·10	4·33	12·51	−8·18	0·01	Jodhpur.
1	1		2	2	4		N 20° W	N 42° W	3·6*	3·1	+0·5	23	−24	53	+3	·490	+·045	1·7	+0·6	1	0·50	+0·50	0·22	0·26	−0·04	14·87	22·44	−7·57	0·21	Jaipur.
	1			3			N 52° W	N 53° W	4·0	4·1	−0·1	3	−19	50	−1	·470	+·046	1·0	+0·1	1	0·40	+0·60	0·12	0·13	−0·01	6·28	18·01	−11·73	0·10	Sambhar.
	1		5		2		S 56° W	S 82° W	2·4	2·8	−0·4	17	−12	56	−3	·458	−·006	1·1	+0·1	0	0·60	−0·60	0·04	0·22	−0·18	7·31	19·60	−12·29	0·04	Ajmer.
1			4	1	1		S 72° W		1·6			10		50	+3	·510		1·4		0	0·60	−0·60	0	0·31	−0·31	15·51	26·83	−11·32	0	Kotah.
1	2	2		2	5		N 71° W		2·5			10		48	−7	·464		1·2		0	0·80	−0·80	0·08	0·14	−0·06	13·67	22·71	−9·04	0·06	Udaipur.

ateau stations, the elevations of which exceed 5,500 feet. * Uncorrected for scale error. (a) Indeterminate.

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(2) *Abstract of observations taken at 8 hrs. at*

Number of subdivision.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° lat.	Highest pressure recorded during month.	Date.	Lowest pressure during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	IX.—Bombay.																					
20	Deesa	466	29·474	+·015	29·896	29·590	30th & 31st.	29·323	1st	·267	80·7	101·6	+4·7	71·2	+4·4	86·4	+4·5	30·4	105·3	2nd & 19th.	65·9	28th
	Bhuj	395	29·549	+·021	29·899	29·665	30th	29·393	1st	·272	78·1	97·5	+1·4	71·4	+0·5	84·5	0·9	26·1	103·5	2nd	65·0	29th
	Jamnagar	61	29·901		29·907	30·009	30th	29·737	1st	·272	83·2	93·6		71·4		82·5		22·2	102·3	20th	64·4	28th
	Dwarka	37?	29·930	+·021	29·913	30·076	28th	29·792	1st & 2nd.	·284	78·6	85·1	−1·6	75·7	+0·2	80·4	−0·7	9·4	90·8	31st	69·7	29th
	Rajkot	429	29·532	+·029	29·914	29·632	26th	29·391	1st	·241	78·4	98·8	+3·5	70·4	+2·3	84·6	+2·9	28·4	103·1	20th	61·5	28th
	Veraval	*18*	29·937	+·024	29·898?	30·047	28th	29·825	2nd	·222	78·6	86·6	−2·7	72·4	+0·1	79·5	−1·3	14·2	98·1	23rd	67·0	28th & 29th.
	Bhavnagar Para	55	29·907	+·001	29·908	30·010	27th	29·790	1st	·220	81·4	98·3	+2·2	73·6	+1·4	85·9	+1·8	24·7	101·5	7th, 19th & 20th.	66·5	29th
	Surat	39	29·931	+·034	29·913	30·035	27th	29·809	2nd	·226	81·6	95·5	+2·5	72·9	+2·1	84·2	+2·3	22·6	100·9	19th & 20rd.	66·6	29th
	Ahmadabad	163	29·781	+·008	29·894	29·881	29th	29·637	1st	·244	81·0	101·3	+4·6	73·2	+1·1	87·2	+2·9	28·1	105·1	20th	66·7	29th
26	Bombay	37	29·935	+·037	29·912	30·040	27th	29·833	1st	·207	80·5	88·5	+1·0	78·0	+1·5	83·3	+1·3	10·5	93·0	18th	73·5	29th
	Ratnagiri	110	29·846	+·042	29·894	29·936	30th	29·754	2nd	·182	80·5	86·8	−1·4	75·0	+1·0	80·9	−0·2	11·8	92·3	23rd	69·9	23rd
	Goa	199	?	?	?	?	?				78·5	85·3	0	76·1	+0·6	80·7	+0·3	9·2	90·1	18th	71·6	31st
	Marmagao	*60*	29·904	+·032	29·899	29·996	27th	29·805	5th	·191	78·5	85·3†	−0·7	75·0	−0·6	80·2†	−0·7	10·3	87·5	7th, 20th & 22nd.	70·7	31st
	Karwar	44	29·925	+·039	29·904	30·029	28th	29·822	2nd	·207	76·8	84·9	−0·5	73·3	−0·1	79·1	−0·3	11·6	89·7	23rd	68·0	23rd & 31st.
27	Malegaon	1,430	28·525	+·017	29·896	28·634	31st	28·397	2nd	·237	80·4	97·6	+7·0	66·8	+3·0	83·2	+5·0	28·8	100·4	2nd, 6th & 8th.	59·1	26th
	Ahmadnagar	2,154	27·819	+·022	29·876	27·925	30th	27·701	2nd	·224	78·8	93·9	+5·8	66·7	+2·1	80·3	+3·9	27·2	97·6	7th	56·5	25th
	Poona	1,846	28·119	+·022	29·912	28·216	31st	28·004	1st	·212	73·6	94·0	+5·5	67·9	+1·4	80·9	+3·5	26·1	97·0	2nd, 4th & 5th.	59·3	26th
	Sholapur	1,590	28·359	+·020	29·882	28·477	30th	28·235	5th	·242	78·0	94·4	+4·5	69·8	+1·7	82·1	+3·1	24·6	97·3	6th, 7th & 14th.	62·6	25rd
	Bijapur	*1,948*	28·009	+·029	29·883	28·114	29th	27·898	2nd	·216	76·5	91·7	+3·5	68·9	+1·1	80·3	+2·3	22·8	95·7	5th & 6th	60·3	23rd
	Belgaum	2,539	27·422	+·031	29·869	27·510	30th	27·327	5th	·183	72·7	83·5	+0·4	64·7	−0·3	74·1	+0·1	18·8	88·8	23rd	57·5	23rd
	X.—Central India.																					
21	Neemuch	1,624	28·307	−·004	29·882	28·460	30th	28·149	2nd	·311	76·1	93·3	+2·9	65·4	+0·9	79·3	+1·9	27·9	95·9	3rd & 24th.	61·0	11th, 20th & 28th.
	Indore	1,823	28·121	+·013	29·889	28·248	30th	27·982	1st	·266	76·3	91·4	+3·5	65·6	+2·0	78·5	+2·7	25·8	94·1	16th	60·1	26th
22	Nowgong	754	29·170	+·011	29·893	29·364	30th	28·965	1st	·399	74·5	87·7	−2·6	67·9	+2·8	77·8	+0·1	19·8	91·0	25th	60·0	20th
	Sutna	1,041	28·857†	−·010†	29·864†	29·053	29th	28·673	1st	·380	75·5	85·7	−1·2	69·9	+4·2	78·3	+1·5	16·8	90·3	1st & 4th.	63·8	31st
	XI.—Central Provinces.																					
23	Buldana	2,132	27·747		29·780	27·840	30th	27·632	1st	·208	79·0	92·0		69·9		80·9		22·1	94·5	6th	62·6	25th
	Akola	930	29·012	+·014	29·894	29·144	30th	28·878	5th	·266	79·0	96·9	+5·6	67·4	+1·2	82·1	+3·4	29·5	99·7	5th	60·1	23rd
	Amraoti	1,215	28·723	+·017	29·830	28·859	30th	28·573	2nd	·286	78·6	93·7	+3·1	69·4	+1·2	81·6	+2·1	24·3	96·3	4th	63·8	24th & 26th.
24	Khandwa	1,044	28·896	+·017	29·895	29·031	30th	28·751	1st & 2nd.	·260	79·1	96·0	+4·9	68·3	+2·0	82·1	+3·5	27·7	101·2	15th	59·6	22nd
	Hoshangabad	1,006	28·940	+·010	29·912?	29·099	29th	28·760	1st	·339	73·9	91·1	+1·5	67·9	+1·0	79·5	+1·3	23·2	93·1	21st & 22nd.	60·4	24th
	Saugor	1,807	28·115	−·002	29·870	28·364	29th	27·933	1st	·371	75·3	88·3	+0·7	67·3	+1·6	77·8	+1·1	21·0	91·3	17th & 28th.	60·6	24th
	Jubbulpore	1,327	28·585	−·004	29·876	28·743	25th	28·403	2nd	·340	73·8	87·8	+0·4	68·4	+4·4	78·1	+2·4	19·4	90·8	4th	59·8	21st
	Seoni	2,033	27·916	+·021	29·894	28·065	30th	27·750	2nd	·315	74·4	85·9	−0·7	64·9	+0·7	75·4	0	21·0	89·6	2nd	58·5	28th
	Nagpur	1,017	28·917	+·023	29·893	29·067	30th	28·746	2nd	·321	76·1	91·1	+1·0	68·8	+0·4	80·0	+0·7	22·3	93·6	4 days	61·8	22rd & 26th.
25	Pendra	2,123?	27·894		29·864	28·060	30th	27·728	2nd	·332	73·9	84·1		66·2		75·2		17·9	87·8	16th	59·7	29th
	Raipur	970	28·948	+·006	29·876	29·109	30th & 31st.	28·783	2nd	·326	75·8	87·4	−0·9	72·0	+2·3	79·7	+0·7	15·4	90·2	15th	66·6	4 days
	Chanda	*634*	29·295	+·013	29·883	29·443	30th	29·135	2nd	·308	76·7	90·2	+0·2	69·2	+0·7	79·8	+0·5	21·1	94·5	2nd, 3rd & 5th.	60·0	25th
	Jagdalpur	1,813	28·124		29·882	28·268	30th	27·987	2nd	·281	73·4	83·7		68·3		76·0		15·4	86·2	5th	61·1	25th

N.B.—Elevations in italics indicate barometrical determinations.

† Mean of 30 days.

NOTE.—The barometric readings are not reduced to sea-level in the case of hill or pla

—continued.

tions in India, etc., in October, 1911—continued.

Wind direction. Number of winds from N.E. (27)	E. (28)	S.E. (29)	S. (30)	S.W. (31)	W. (32)	N.W. (33)	Resultant direction. (34)	Normal direction. (35)	Wind velocity. Mean velocity, miles per hour. (36)	Normal. (37)	Departure from normal. (38)	Wind steadiness. Actual percentage. (39)	Departure from normal. (40)	Hygrometry, 8 hrs. Mean humidity at 8 hrs. (41)	Departure from normal. (42)	Mean vapour tension at 8 hrs., in inches of mercury. (43)	Departure from normal, in inches of mercury. (44)	Cloud. Mean cloud amount at 8 hrs. (45)	Departure from normal. (46)	Rainfall. Number of rainy days. (47)	Normal number of rainy days. (48)	Departure from normal. (49)	Rainfall of month. (50)	Normal rainfall of month. (51)	Departure from normal. (52)	Total rainfall from 1st May to 31st October, 1911. (53)	Normal rainfall for period, 1st May to 31st October. (54)	Departure from normal of period, 1st May to 31st October, 1911. (55)	Heaviest rainfall during month. (56)	Station. (57)
																														IX.—Bombay.
														50	0	·514	+·027	2·3	+1·6	0	0·45	−0·45	0	0·21	−0·21	4·76	23·56	−18·80	0	Deesa.
	1	1		4	11	10	N 71° W	N 62° W	9·1	6·8	+2·3	66	+17	74	+14	·709	+·104	3·2	+2·1	0	0·50	−0·50	0	0·24	−0·24	0·56	13·61	−13·05	0	Bhuj.
5			1	2	15	7	N 60° W		14·2			65		68		·766		0·5		0			0	0·01	−0·01	1·74	18·86	−17·12	0	Jamnagar.
4		1	2	6	5	7	N 57° W		8·4			43		81	+ 3	·806		2·7		1			0·14	0·04	+0·10	2·70	13·70	−11·00	0·14	Dwarka.
3	1		1	3	9	11	N 61° W	N 5° W	9·4	5·7	+3·7	59	+20	71	+ 4	·664	+·006	2·5	+1·3	0	0·90	−0·90	0	0·39	−0·39	6·14	26·01	−19·87	0	Rajkot.
				2	5	7	N 44° W	N 2° E	5·6	6·1	−0·5	43	−22	79†	+13	·756†	+·094	2·5	+0·2	0	0·10	−0·10	0	0·37	−0·37	6·03	17·48	−11·45	0	Veraval.
2	1	1	2	4	6	9	N 60° W	N 73° W	4·4	6·8	−2·4	45	0	57	− 7	·600	−·050	3·3	+1·8	0	0·90	−0·90	0	0·24	−0·24	6·37	19·97	−13·60	0	Bhavnagar Para.
1	3	2	10	3			S 19° E	N 53° E	4·0	4·4	−0·4	30	+13	75	+ 2	·814	+·096	2·4	+0·4	0	2·20	−2·20	0	1·43	−1·43	19·37	40·73	−21·36	0	Surat.
1	2	2	1	3	2	16	N 53° W	N 8° E	4·6	5·3	+1·3	46	+13	54	− 2	579	+·018	2·2	+0·5	0	0·80	−0·80	0	0·35	−0·35	9·29	29·20	−19·91	0	Ahmadabad.
6	9	6	1	1	1	4	N 72° E	N 61° E	7·2*	9·1	−1·9	45	−22	83	+ 1	·833	+·018	4·6	+1·2	0	2·70	−2·70	0	1·84	−1·84	46·18	71·23	−25·05	0	Bombay.
4	6	2				3	N 28° E	S 68° E	8·4	6·2	+2·2	53	+15	78	0	·802	−·003	3·9	+0·2	3	5·00	−2·00	1·24	3·71	−2·47	72·51	100·38	−27·87	0·65	Ratnagiri.
8	18	1					N 72° E	N 80° E	5·5	4·1	+1·4	82	+26	84	− 1	·803	−·015	5·9	+1·9	3			0·83	4·11	−3·28	80·48	96·77	−16·31	0·60	Goa.
9	8	1	1			1	N 54° E	S 67° E	6·9*	6·1	+0·8	56	+27	90	0	·863	−·022	5·4	+1·4	5			1·05	3·91	−2·86	73·06	91·79	−18·73	0·37	Marmagao.
5				1		1	N 26° E	N 48° E	2·6	2·5	+0·1	20	−27	83	− 1	·811	−·002	4·2	+0·2	3	8·50	−5·50	1·24	5·64	−4·40	76·83	19·95	−43·12	0·79	Karwar.
		2	1	1	6	14	N 66° W	N 61° W	5·3	5·8	−0·5	53	+14	43	−14	·543	−·037	0·6	−2·5	0	3·00	−3·00	0	1·95	−1·95	17·56	21·71	− 4·15	0	Malegaon.
1	2	5		1	1	15	N 34° W	N 36° E	5·3	8·0	−2·7	37	+ 5	47	−21	·458	−·142	1·4	−1·3	0	5·20	−5·20	0·05	1·89	−1·84	16·57	20·50	− 3·93	0·05	Ahmadnagar.
3				19	1		N 88° W	S 69° E	9·8	6·3	+3·5	56	+49	77	+ 6	·632	+·031	0·7	−3·2	1	5·00	−4·60	0·15	3·88	−3·73	12·92	25·47	−12·55	0·13	Poona.
4	6	1	2	3	6		N 45° E	N 68° E	9·6	8·2	+1·4	10	−13	60	− 3	·576	−·005	3·4	−1·0	1	4·70	−3·70	0·22	3·41	−3·19	17·63	27·28	− 9·65	0·13	Sholapur.
5	4		5	7	3		S 49° W	N 77° W	6·0	4·0	+2·0	23	+15	73	− 1	·656	+·006	3·7	−0·3	3	6·60	−3·60	2·26	3·01	−0·78	13·33	18·56	− 5·23	1·21	Bijapur.
5			1	13	2		N 70° W	N 53° E	9·1	9·6	−0·5	30	+12	80	0	640	+·015	4·3	−0·2	6	8·70	−2·70	4·65	5·03	−0·38	41·32	45·65	− 4·33	1·44	Belgaum.
																														X.—Central India.
3	1	2	6	5	1		S 62° W	N 2° E	6·0	6·0	0	13	− 5	59	+10	·520	+·065	2·8	+1·7	0	0·90	−0·90	0	0·32	−0·32	20·27	27·65	− 7·38	0	Neemuch.
	6	1	1	5	4		S 76° W	N 18° E	2·8	2·2	+0·6	13	−12	56	− 6	·512	−·030	1·9	+0·5	1	2·40	−1·40	0·25	1·08	−0·83	18·44	31·75	−13·31	0·20	Indore.
2		6	3	7	2		S 56° W	S 67° W	1·8	1·5	+0·3	37	+12	78	+ 9	·631	+·114	2·5	+0·7	4	1·70	+2·30	0·85	1·11	−0·26	39·30	40·88	− 1·58	0·29	Nowgong.
1	1	2	9	1	1		S 55° W	N 27° W	1·6	3·9	−2·3	27	−22	81	+15	·717	+·147	4·2	+2·6	5	2·10	+2·90	5·00	2·24	+2·76	40·08	41·45	− 1·37	1·64	Sutna.
																														XI.—Central Provinces.
1	4	7	2	10	7		S 65° W		6·6*	5·2	+1·4	45		52		·519		0·6		0			0·09	2·25	−2·16	17·44	32·98	−15·54	0·09	Buldana.
4	6		1	1	5		N 33° E	N 53° E	4·2	3·5	+0·7	40	+22	52	−12	·511	−·059	3·0	+0·5	0	2·70	−2·70	0	2·08	−2·08	19·31	30·58	−11·27	0	Akola.
							(a)	N 63° E	0·7	3·8	−3·1			55	− 6	·541	−·021	2·5	0	0	2·40	−2·40	0·05	1·93	−1·88	18·19	31·54	−13·35	0·05	Amraoti.
1	6	2	3	10	4		S 69° W	N 2° E	4·4	3·1	+1·3	27	+16	54§	− 8	·542§	+·001	2·0	+0·1	0	2·00	−2·00	0·05	1·07	−1·02	12·36	28·62	−16·26	0·05	Khandwa.
2			4	2			S 45° W	N 79° E	2·4	1·7	+0·7	3	−15	73	+ 2	·617	+·028	2·8	+0·7	1	2·10	−1·10	0·68	1·33	−0·67	36·98	47·19	−10·21	0·62	Hoshangabad
3	2	4	11	5	3		S 49° W	S 27° W	5·2	3·1	+2·1	43	+29	65	+ 5	·573	+·063	3·3	+1·8	2	2·10	−0·10	0·55	0·99	−0·44	37·02	43·63	− 6·61	0·40	Saugor.
	5	10	2	2	3		S 7° W	S 27° E	1·4	1·9	−0·5	33	− 3	73	+ 3	·656	+·050	3·3	+1·3	3	2·20	+0·80	3·05	1·63	+1·42	43·24	52·65	− 9·41	1·15	Jubbulpore.
1		2	4	5	5		N 55° W	N 9° E	3·5	2·7	+0·8	33	+10	68	+ 2	·579	+·014	3·1	+0·8	3	2·80	+0·20	3·04	1·76	+1·28	43·56	49·08	− 0·52	2·40	Seoni.
	1		1	2	6		N 16° W	N 7° E	2·3	3·9	−1·6	30	+ 1	72	+ 7	·656	+·061	3·5	+0·7	4	3·10	+0·90	1·39	1·92	−0·53	43·02	46·09	− 3·07	0·59	Nagpur.
1	1	2	1	1	3		N 7° W		3·0			20		75		·629		3·3		7			4·00	2·46	+1·54	33·73	45·61	−11·88	1·45	Pendra.
3	1	1	7	5	3		N 85° W	N 27° E	2·4	3·8	−1·4	27	+ 9	81	+ 9	·721	+·067	3·7	+0·3	9	3·10	+5·90	3·92	1·99	+1·93	55·35	47·14	+ 8·21	1·64	Raipur.
	4		1	1	2		S 9° W	N 14° E	1·7‖	2·3	−0·6	7	−11	80	+ 8	·740	+·077	2·7	+0·1	2	2·70	−0·70	2·25	1·69	+0·56	44·74	50·00	− 5·26	1·70	Chanda.
	2	8	6	2	1		S 30° W					33		86		·709		3·7		5			6·21			63·61?			2·24	Jagdalpur.

he elevations of which exceed 3,000 feet.

* Uncorrected for scale error. § Mean of 29 days. (a) Indeterminate. ‖ Mean of 25 days.

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(2) *Abstract of observations taken at 8 hrs. a*

Number of subdivision.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	XII.—Hyderabad.																					
28	Aurangabad	1,905	28·065	+·002	29·888	28·180	30th	27·939	1st	·241	80·2	94·2	+3·7	67·8	+1·6	81·0	+2·7	26·4	100·2	10th	59·2	23rd
	Nizamabad	1,248	28·689		29·885	28·819	30th	28·551	2nd	·268	77·2	92·0	+3·1	67·3	−1·0	79·7	+1·1	24·7	94·9	3rd	58·7	30th
	Bidar	*2,165*									75·9	90·4		69·2		79·8		21·2	93·5	8th & 14th	65·3	24th
29	Gulbarga	1,503	28·451	+·024	29·888	28·566	29th	28·324	2nd	·242	78·3	94·3	+4·3	69·6	+0·6	82·0	+2·5	24·7	98·0	7th	61·8	24th
	Raichur	*1,311*	28·644	+·043	29·894	28·746	30th	28·523	5th	·223	79·0	92·2	+3·2	72·8	+0·6	82·5	+1·9	19·4	95·5	15th	66·1	22nd
	Hyderabad (Deccan)	1,690	28·253	+·024	29·879	28·379	30th	28·121	5th	·258	76·2	91·8	+4·2	69·8	+1·7	80·8	+2·9	22·0	95·8	14th	62·2	22nd 24th.
	Hanamkonda	877	29·056	+·021	29·869	29·202	30th	28·923	2nd	·281	79·9	92·0	+1·3	71·5	+0·4	81·8	+1·1	20·5	95·0	4th & 16th	64·2	24th
	XIII.—Mysore.																					
30	Chitaldrug	2,405	27·571	+·033	29·881	27·659	30th	27·472	5th	·187	74·3	85·0	+0·4	67·1	−0·7	76·1	−0·1	17·9	88·1	4th & 12th	61·9	23rd
	Hassan	3,149	26·867	+·040	29·944?	26·949	27th	26·778	2nd	·171	70·6	81·5	+0·2	63·8	−0·5	72·6	−0·1	17·7	84·4	1st	57·1	28th
	Bangalore	3,021	26·990	+·034	29·891	27·021	27th	26·889	1st	·192	70·5	82·6	+1·2	64·6	−0·6	73·6	+0·3	18·0	87·3	1st	58·3	28th 29th.
	Mysore	2,518	27·494	+·050	29·902	27·557	27th	27·382	2nd	·175	71·6	84·1	0	65·5	−1·4	74·9	−0·7	18·5	90·0	1st	59·0	28th 29th.
	XIV.—Madras.																					
31	Mangalore	65	29·891	+·013	29·883	29·980	28th & 29th.	29·802	17th	·178	79·1	85·7	−1·1	73·8	−0·1	79·8	−0·6	11·9	90·3	23rd	70·9	22nd
	Calicut	27	29·924	+·019	29·890	30·013	27th	29·838	1st	·175	78·3	85·8	−0·4	74·8	+0·3	80·3	−0·1	11·0	87·8	5 days	72·1	29th
	Cochin	9	29·963	+·028	29·899	30·037	27th & 28th.	29·870	1st	·167	79·3	86·4	+0·2	74·7	+0·1	80·6	+0·1	11·7	88·7	10th, 11th & 26th.	71·7	22nd
	Trivandrum	198	29·779	+·033	29·909	29·843	27th	29·683	2nd	·160	77·6	83·8	+1·1	74·3	+1·5	79·1	+1·3	9·5	88·0	9th	72·0	28th
32	Tinnevelly	168	29·803	+·049	29·900	29·903	28th	29·697	1st	·206	82·2	94·3	+0·6	76·1	−0·5	85·2	+0·1	18·2	103·2	9th	70·9	28th
	Pamban	37	29·915	+·034	29·880	29·996	27th	29·818	2nd	·178	80·3	87·7	+0·6	76·1	−1·2	81·9	−0·3	11·6	90·7	2nd	72·0	21st
	Madura	447	29·519	+·055	29·893	29·618	27th	29·409	2nd	·209	81·1	92·5	+1·2	74·3	+0·3	83·4	+0·7	18·2	93·5	9th	66·1	28th
	Pudukkottai	318	29·636		29·887	29·735	30th	29·537	2nd	·198	79·3	90·3		74·1		82·2		16·2	98·1	9th	66·9	22nd 28th.
	Negapatam	31	29·914	+·031	29·874	30·018	28th & 30th.	29·809	1st	·199	81·2	89·6	+1·2	76·5	+0·6	83·0	+0·9	13·1	96·5	9th	71·0	21st
	Trichinopoly	255	29·708	+·044	29·897	29·812	30th	29·588	2nd	·224	80·4	91·1	+0·1	73·8	−0·5	82·5	−0·2	17·3	97·1	3rd, 8th & 9th.	65·8	27th 28th.
	Coimbatore	1,341	28·616	+·031	29·890	28·765	28th	28·522	2nd	·183	77·1	89·2	+0·9	63·8*	−6·3*	75·5*	−2·7	25·4	94·0	14th	59·3	29th
	Salem	940	29·051	+·044	29·929?	29·154	28th	28·934	2nd	·220	77·9	90·7	+1·1	71·3	+0·2	81·0	+0·7	19·4	97·5	5th	60·2	28th
	Cuddalore	37	29·916	+·043	29·883	30·039	28th	29·799	2nd	·240	80·1	88·7	+0·6	75·0	+0·3	81·9	+0·5	13·7	94·8	7th & 8th	67·7	28th
	Vellore	707	29·237		29·885	29·376	30th	29·098	2nd	·278	77·7	89·7		71·4		80·5		18·3	95·7	1st, 4th & 9th.	60·0	28th
	Madras	22	29·922	+·028	29·876	30·043	27th & 30th.	29·809	5th	·234	81·5	90·8	+1·6	75·3	+0·2	83·0	+0·9	15·3	99·5	8th	66·5	27th 28th.
33	Cuddapah	433	29·510	+·028	29·882	29·627	30th	29·379	2nd	·248	80·5	93·8	+1·9	73·7	−0·5	83·7	+0·7	20·1	100·2	8th	66·6	28th 29th.
	Bellary	1,475	28·471	+·028	29·885	28·574	30th	28·361	5th	·213	77·1	92·9	+2·2	71·4	+0·3	82·1	+1·7	21·5	96·0	11th, 15th & 26th.	64·3	24th
	Kurnool	323	29·010	+·020	29·879	29·117	29th	28·891	2nd & 5th	·226	77·1	93·5	+2·6	72·5	+0·5	82·5	+1·5	22·0	97·7	16th	62·1	23rd
34	Nellore	66	29·871	+·036	29·872	29·997	30th	29·724	2nd	·273	81·5	91·8	+0·6	75·1	−0·7	83·5	−0·1	16·7	100·1	8th	68·1	27th
	Masulipatam	15	29·931	+·043	29·880	30·058	30th	29·787	5th	·271	81·1	89·7	+0·8	75·3	−0·7	82·5	+0·1	14·4	94·8	7th	67·7	26th
	Cocanada	26	29·919	+·040	29·881	30·047	28th & 29th.	29·773	2nd	·274	79·6	88·3	+0·4	75·0	−0·8	81·6	−0·2	13·3	93·2	3rd & 4th	69·8	10th
	Waltair (Vizagapatam).	*296*	29·713	+·035	29·881	29·843	28th	29·571	2nd	·272	81·2	87·5		76·1		81·8		11·4	90·6	3rd	70·9	25th
	Calingapatam	19	29·921		29·878	30·068	30th	29·763	2nd	·305	79·1	89·1		75·0		85·3		14·1	93·3	4 days	69·8	25th
	Gopalpur	33	29·899	+·030	29·873	30·058	30th	29·730	2nd	·328	78·8	87·7	+0·1	75·0	+0·8	81·4	+0·5	12·7	90·7	4th	69·5	31st

N.B.—Elevations in italics indicate barometrical determinations.

Remarks.—The barometric readings are not reduced to sea-level, in the case of hill or plateau stations, the elevations of which exceed 3,200 feet.

* Mean of 4 days.

—continued.

tions in India, etc., in October, 1911—continued.

Wind direction. Number of winds from N.E. (27)	E. (28)	S.E. (29)	S. (30)	S.W. (31)	W. (32)	N.W. (33)	Resultant direction. (34)	Normal direction. (35)	Wind velocity. Mean velocity, miles per hour. (36)	Normal. (37)	Departure from normal. (38)	Wind steadiness. Actual percentage. (39)	Departure from normal. (40)	Hygrometry, 8 hrs. Mean humidity at 8 hrs. (41)	Departure from normal. (42)	Mean vapour tension at 8 hrs., in inches of mercury. (43)	Departure from normal, in inches of mercury. (44)	Cloud. Mean cloud amount at 8 hrs. (45)	Departure from normal. (46)	Rainfall. Number of rainy days. (47)	Normal number of rainy days. (48)	Departure from normal. (49)	Rainfall of month. (50)	Normal rainfall of month. (51)	Departure from normal. (52)	Total rainfall from 1st May to 31st October, 1911. (53)	Normal rainfall for period, 1st May to 31st October. (54)	Departure from normal of period, 1st May to 31st October, 1911. (55)	Heaviest rainfall during month. (56)	Station. (57)
																														XII.—Hyderaba
1	7	6		3	3	2	S 68° E		7·9			17		46	−10	·468		3·1		0	3·40	−3·40	0	1·70	−1·70	18·40	26·66	−8·26	0	Aurangaba
		1	1			1	S		2·4			3		67	− 6	·631		2·4		0	2·90	−2·90	0·09	1·75	−1·66	30·80	38·10	−7·30	0·09	Nizamabad
	1	6	3	9	1	1	S 13° W		8·4			42		66		·594		4·9		1	4·40	−3·40	0·32	3·07	−2·75	20·56	33·94	−13·38	0·32	Bidar.
1	7	4	6	6	4	2	S 5° E	N 72° E	5·4	8·3	−2·9	37	+14	63	− 7	·613	−·030	1·0	−2·6	2	5·00	−3·00	0·73	3·06	−2·33	21·98	30·60	−8·62	0·54	Gulbarga.
2	2	5	1	12	6	2	S 44° W	S 79° E	6·9	7·2	−0·3	43	+37	69	− 2	·684	+·011	3·7	+0·3	5	4·20	+0·80	1·36	3·25	−1·89	18·98	26·31	−7·33	0·81	Raichur.
					3		W	S 68° E	2·3	3·9	−1·6	10	+ 2	67	− 8	·611	−·057	3·0	−0·6	3			1·07	3·23	−2·16	19·74	28·11	−8·37	0·70	Hyderabad (Deccan).
		6	4			1	S 28° E		4·2			27		65	− 5	·672		3·7		3	4·10	−1·10	1·12	1·90	−0·78	20·35	32·01	−11·66	0·55	Hanamkond
																														XIII.—Mysore.
1	7	3		6	8	3	S 52° W	S 45° W	4·6	5·6	−1·0	20	+ 6	71	− 5	·595	−·050	4·7	−1·4	6	7·70	−1·70	5·90	4·53	+1·37	17·32	21·46	−4·14	1·48	Chitaldrug.
3	5	3		2	5	4	N	N 53° E	4·7	2·5	+2·2	11	−12	79	− 3	·591	−·035	3·8	−3·3	11	9·50	+1·50	9·08	6·99	+2·09	30·10	29·67	+0·43	2·26	Hassan.
4	6	3		9	5	2	S 30° W	N 1° E	5·8	4·7	+1·1	13	+10	79	− 4	·588	−·039	5·8	−0·3	10	9·30	+0·70	11·63	6·28	+5·35	26·10	29·91	−3·81	4·52	Bangalore.
5	3	3	2	9	5		S 25° W	S 72° W	6·5	7·3	−0·8	23	+ 5	82	− 1	·632	−·027	6·3	−0·7	10	9·10	+0·60	5·50	7·04	−1·54	29·10	25·64	+3·46	1·50	Mysore.
																														XIV.—Madras.
3	18	7					S 88° E	S 89° E	4·4††	2·2	+2·2	82	+42	81	− 6	·807	−·037	4·0	−1·9	10	10·30	−0·30	6·34	6·91	−0·57	97·22	122·13	−24·91	0·97	Mangalore.
2	7	6	1	1		1	S 71° E	N 76° E	4·7	7·4	−2·7	40	− 7	88	+ 2	·851	+·015	4·8	−0·9	12	11·80	+0·20	12·65	9·70	+2·95	94·39	106·14	−11·75	2·78	Calicut.
1	5	4	1	1			N 71° E	N 34° E	4·5†	4·4	+0·4	53	− 1	80	− 5	·754	−·057	5·6	−0·1	15	14·80	+0·20	12·85	13·06	−0·21	95·52	97·26	−1·74	2·71	Cochin.
				1	2	4	N 29° W	N 14° W	3·2†	5·0	−1·8	37	−11	85	+ 1	·798	−·012	7·5	+0·7	16	11·90	+4·10	14·52	10·49	+4·03	44·04	47·21	−3·17	2·91	Trivandrum.
	1	2	3	5	4	5	N 57° W	N 51° W				37	−16	65	− 7	·714	−·062	5·4	−0·4	8	8·40	−0·40	4·83	6·65	−1·82	7·73	10·96	−3·23	1·53	Tinnevelly.
3	1		6	8		1	S 34° W	S 68° W	11·1	8·6	+2·5	20	− 2	83	+ 3	·851		4·8		9	9·50	−0·50	6·79	9·65	−2·86	7·04	13·01	−5·97	2·10	Pamban.
7	3	1	2	1	2	7	N 4° E	N 14° W	5·3	2·5	+2·8	46	−15	76	+ 2	·798	+·042	6·4	+0·8	4	11·40	−7·40	1·52	8·51	−6·99	17·67	24·13	−6·46	0·56	Madura.
4				4	3	5	N 33° W		7·3			42		77		·770		5·6		9			2·38	5·60	−3·22	21·47	23·60	−2·13	0·57	Pudukkottai.
3		1		11	4	5	S 82° W	N 85° W	5·4	4·7	+0·7	40		80	− 1	·845	−·017	6·9	+0·5	7	11·00	−4·00	7·35	10·84	−3·49	16·68	23·35	−6·67	2·18	Negapatam.
		1	4	13	1		W	N 77° W	2·7†	3·8	−1·1	53	+17	76	− 4	·782	−·021	4·8	−1·5	6	9·70	−3·70	7·24	7·15	+0·09	19·59	21·80	−2·21	2·16	Trichinopoly.
5	1	2	5	2			S 27° W	S 4° E	5·0	2·8	+2·2	7	−18	85	− 2	·795	+·021	4·5	−1·2	7	9·40	−2·40	5·53	6·63	−1·10	18·83	14·68	+4·15	2·21	Coimbatore.
	6	3	1	6	1		S 34° W	S 40° W	3·7	2·5	+1·2	7	− 4	78	− 5	·732	−·049	5·0	−0·9	8	9·50	−1·50	7·12	6·66	+0·46	20·98	32·35	−11·37	1·97	Salem.
1	1	4	11	2	9		S 73° W	N 69° W	6·7	2·2	+4·5	52	+ 5	78	−10	·807	−·102?	5·5	−0·5	9	10·00	−1·00	7·41	11·62	−4·21	21·65	28·47	−6·82	1·84	Cuddalore.
1	2				5		N 14° W		2·0			13		81		·771		3·3		8	9·30	−1·30	5·11	6·98	−1·87	20·98	33·34	−12·36	1·07	Vellore.
		2	5	7	3	7	S 78° W	N 83° W	5·3†	4·8	+0·5	37	+ 5	83	0	·894	+·021	4·0	−1·7	6	12·50	−6·50	5·91	11·27	−5·36	17·47	28·42	−10·95	3·07	Madras.
2	2	5	1	4	10	6	S 86° W	N 72° E				33	+11	70	− 5	·730	−·048	4·9	0	5	6·70	−1·70	3·95	5·08	−1·13	19·80	26·25	−6·45	1·47	Cuddapah.
	3	2	3	1	2	3	W	N 62° W	3·3	4·3	−1·0	1	− 6	70	+ 2	·653	+·018	4·3	−1·4	4	6·70	−2·70	3·64	3·98	−0·34	11·97	16·67	−4·70	2·36	Bellary.
3	1	1	9	3	3		S 68° W	N 66° W	5·3†			23	+16	70	− 3	·653	−·054	3·9	−0·2	5	5·90	−0·90	1·46	3·30	−1·84	17·23	24·28	−7·05	0·68	Kurnool.
2		6	4	1	5		S 77° W	N 68° W	4·2†	4·4	−0·2	13	− 5	78	− 3	·838	−·042	4·1	−1·4	6	8·70	−2·70	9·26	8·32	+0·94	20·44	21·05	−0·61	4·16	Nellore.
5	5	5	2	3	2		S 39° E	N 1° E	4·5	4·6	−0·1	23	−17	81	− 3	·856	−·026	4·5	−0·7	5	8·60	−3·60	5·43	7·96	−2·53	28·38	32·44	−4·06	3·00	Masulipatam
1				2	3	5	S 7° E	N 11° W	4·5	7·6	−3·1	30	−31	84	+ 7	·858	+·058	5·6	+0·8	5	9·40	−4·40	4·24	7·99	−3·75	24·52	31·13	−6·61	1·64	Cocanada.
			11	6	2		N 85° W	N 74° W	6·6			37	− 8	76	+ 1	·810	0	5·8	+1·0	6	8·20	−2·20	2·22	6·45	−4·23	17·68	30·08	−12·40	0·76	Waltair (Vizagapatam).
1	1	2	2	7	13		N 53° W		2·2			61		86		·839		4·4		8			7·57	4·43	+3·14	36·66	29·15	+7·51	1·71	Calingapatam
	1	3	4	1	9		N 41° W	N 23° W	10·0	7·9	+2·1	46	−29	85	+ 3	·832	+·013	4·1	−0·4	4	7·90	−3·90	4·73	8·29	−3·56	9·29	38·42	−9·13	2·47	Gopalpur.

†† Mean of 13 days.

† Uncorrected for scale error.

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(2) *Abstract of observations taken at 8 hrs. at*

Number of subdivision.	Station.	Elevation of barometer above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° lat.	Highest pressure recorded during month.	Date.	Lowest pressure during recorded month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	Bay Islands.																					
1	P. V. Fraser	8	29·952†		29·873†	30·1 0	31st	29·800	5th	·310	84·0											
	Port Blair	58	29·904	+·044	29·892	29·9	30th	29·758	21st	·235	79·3	85·1	−1·8	75·4	−1·9	80·3	−1·9	9·7	88·2	16th & 31st.	71·5	28th
	Slipper Island	90	29·818		29·673	29·971	30th	29·584	21st	·387	81·0	85·5		77·6		81·6		7·9	88·1	16th, 18th & 19th.	74·1	2rd, 4th & 28th.
	Kashmir.																					
14	Muzaffarabad (b)	2,375	27·548		30·048	27·813	29th	27·407	12th	·406	59·8	82·5		51·7		67·1		30·8	90·3	23rd	47·1	31st
	Srinagar	5,204	24·964	−·021	24·935	25·089	30th	24·831	2nd	·258	48·7	73·2	+3·5	42·0	+2·2	57 6	+2·9	31·2	80·1	2nd, 3rd & 6th.	35·1	24th
	Gulmarg (b)	*8,569*	21·941		21·909	22·011	18th	21·856	2nd	·155	48·2	63·1		34·8		49·0		28·3	68·7	6th	29·8	17th
	Sonamarg	*8,764*																				
	Dras	*10,055*	20·875	−·009	20·843	21·011	19th	20·807	29th	·204	36·7	56·9		27·5		42·2		29·4	68·9	3rd	20 5	19th
	Leh	11,503	19 783	+·003	19·751	19·925	19th	19·700	29th	·225	41·2	63·3	+4·7	31·8	+1·9	47·5	+3·3	31 5	74·4	3rd & 7th	21·0	30th
	Skardu	*7,505*	22·955	−·007	22·925	23·111	18th	22·825	2nd	·286	49·9			40·7	−0·9						28·1	21st
	Minimarg	*9,359*								Obser	vations not recorded.											
	Astor	*7,955*									Ditto		ditto.									
	Gilgit	4,890	25·164		25·137	25·334	18th	24·989	2nd	·345	60·3	77·5	+3·6	54·1	+1·0	65·8	+2·3	23·4	92·2	2nd	44·2	24th
	Baluchistan.																					
1	Quetta	5,502	24·735	+·007	24·695	24·831	30th	24·572	25th	·259	53 3	74·8	+0·2	37·6	−0·7	56·2	−0·3	37·2	85·1	2nd & 3rd	31·7	11th & 31st.
	Chaman	4,311	25·795	−·004	25·757	25·888	29th & 30th.	25·601	25th	·287	63·3	77·2	−1·5	50·2	−2·7	63·7	−2·1	27·1	90·3	5rd	43·7	8th
	Kalat	6,630	23·946		23·908	24 025	17th	23·781	26th	·244	50·8	68·8		43·9		56·3		24·9	79·0	2nd, 3rd & 4th.	36·9	11th
	Dalbandin	2,779	27·218*		29·990*	27·351	30th	27·026	25th	·325	63·5	88·4		50·9		69·6		37·	100·8	1st & 3rd	32·8	26th
	Pasni		29·941		29·901	30·120	30th	29·751	1st	·369	75·2	89·8		69·5		79·7		20·3	98·0	4th	62·0	10th
	Panjgur		26·815		26·773	26·924	29th	26·644	25th	·280	55·2	83·0		52·1		67·5		30·9	93·8	3rd	45·0	9th
	Robat		27·149		27·107	27·231	29th	26·995	25th	·236	61·8	87·8		57·3		72·6		30·5	103·0	2nd	47·8	31st
	Hill Stations excluding Kashmir and Baluchistan.																					
	Chitral	*5,486*									49·9	75·9		45·5		60·7		30·4	89·2	2nd	35·2	31st
	Para Chinar	6,000	24·529		24·505	24·630	30th	24·407	2nd	·223	61·4	74·0		49·6		61·8		24·4	82·7	3rd	40·6	31st
	Cherat	*4,256*	25·780	+·027	25·748	25·940	30th	25·618	2nd	·322	66·0	77·7	−0·9	59·4	+2·2	68·6	+0·7	18·3	87·7	2nd	45·4	27th
	Murree	6,333	23·923	+·004	23·891	24·022	30th	23·796	2nd	·226	57·1	68·7	−0·6	54·6	+1·3	61·7	+0·3	14·1	76·1	3rd	39·2	29th
	Simla	7,232	23·191	+·021	23·153	23·280	29th	23·062	2nd	·218	55·2	61·9	−0·5	51·6	+0·6	56·8	+0·1	10·3	68·9	4th	42·9	28th
	Sarain		23·224		23·186	23·318	30th	23·100	24th	·218	51·2	62·9		43·6		53·3		19·3	70·7	3rd	35·9	31st
	Kalabagh		20·191		20·153	20·257	4th	20·069	24th	·188	42·1	47·7		37·1		42·4		10·6	57·4	4th	27·9	31st
	Chakrata	7,022	23·359	+·019	23·319	23·480	29th	23·233	2nd	·247	55·6	68·2	+2·0	50·5	−0·4	59·3	+0·8	17·7	72·7	5 days	41·7	28th & 29th.
	Mukteswar	7,592	22·913	−·007	22·872	23·002	29th	22·800	1st & 24th	·202	55·0	64·4	−1·8	48·8	−1·2	56·6	−1·5	15·6	71·5	12th	42·0	28th & 29th.
	Darjiling	7,376	23·064	−·027	23·019	23·165	29th	22·947	24th	·218	54·8	60·9	+0·4	50·2	+0·4	55·5	+0·4	10·7	68·8	3rd	44·2	4 days
	Shillong	4,920	25·197		25·149	25·317	28th	25·024	2nd	·293	62·7	70·8		55·1		62·9		15·7	75·9	4th	46·7	18th & 29th.
	Cherrapunji	4,309	25·767		25 718	25·906	28th	25·610	2nd	·296	64·8	70·2		59·0		64·6		11·2	76·7	3rd & 4th	53·1	18th & 26th.
	Maymyo	3,545	26·499	+·032	26·444	26·601	29th	26·341	24th	·260	66·5	75·3	−1·6	61·3	+1·8	68·3	+0·1	14·0	79·5	27th	48·1	27th
	Pachmarhi	3,528	26·510	+·018	26·457	26·629	29th	26·367	2nd	·262	72·0	80·6	+2·5	61·6	+1·9	71·1	+2·2	19·0	87·0	18th	52·6	22nd
	Mount Abu	3,945	26·125	+·013	26·075	26·229	30th	26·008	2nd	·221	73·5	80·1	+1·3	67·2	+2·9	73·6	+2·1	12·9	83·7	2nd & 19th	59·4	29th
	Mercara	3,781	26·258	+·022	26·191	26·339	29th	26·181	2nd	·158	66·9	75·8	0	61·2	−1·0	68·5	−0·5	14·6	79·5	26th	56·0	30th
	Ootacamund	*7,327*	23·090		23·026	23·142	27th	23·025	2nd	·117	57·2	65·3		49·3		57·3		16·0	69·5	7th	40·7	29th
	Kodaikanal	7,688	22·861	+·018	22·796	22·900	30th	22·800	16th	·100	55·5	62·3	−0·4	50·7	−0·6	56·5	−0·5	11·6	68·0	3rd	43·5	29th

N.B.—Elevations in italics indicate barometrical determinations.

* Mean of 9 days.
† " " 26 " "

NOTE.—The barometric readings are not reduced to sea-level, in the

3—*continued.*

tations in India, etc., in October, 1911—continued.

Wind direction. Number of winds from N. (25)	N.E. (26)	E. (27)	S.E. (28)	S. (29)	S.W. (30)	W. (31)	N.W. (32)	(33)	Resultant direction. (34)	Normal direction. (35)	Wind velocity. Mean velocity, miles per hour. (36)	Normal. (37)	Departure from normal. (38)	Wind steadiness. Actual percentage. (39)	Departure from normal. (40)	Hygrometry, 8 hrs. Mean humidity at 8 hrs. (41)	Departure from normal. (42)	Mean vapour tension at 8 hrs. in inches of mercury. (43)	Departure from normal in inches of mercury. (44)	Cloud. Mean cloud amount at 8 hrs. (45)	Departure from normal. (46)	Rainfall. Number of rainy days. (47)	Normal number of rainy days. (48)	Departure from normal. (49)	Rainfall of month. (50)	Normal rainfall of month. (51)	Departure from normal. (52)	Total rainfall from 1st May to 31st October, 1911. (53)	Normal rainfall for period, 1st May to 31st October. (54)	Departure from normal of period, 1st May to 31st October, 1911. (55)	Heaviest rainfall during month. (56)	Station. (57)
																																Bay Islands.
2	3	6	1	2	5	9	1	2	S 27° W					16		76		·832		4·5		4			1·52			28·21			0·49	P. V. Fraser.
1		2	2	3	1	3	6	3	S 69° W	S 68° W	7·7	6·3	+1·4	17	−1	86	−3	·865	−·070	5·5	−0·9	13			13·14	10·89	+2·25	87·20	96·07	−8·87	4·05	Port Blair.
4	2	4	7	2	5	3	3	1	S 60° E		10·2			20		84		·878		5·4		10			7·32	6·53	+0·79	65·12	70·38	−5·26	2·37	Slipper Island.
																																Kashmir.
					4	11	3	2	S 50° W		0·61			80		64		·329		2·9		3			1·05			11·70¶			0·65	Muzaffarabad.
1	1	2		7	4	2		4	S 23° E	S 51° E	2·2	3·0	−0·8	20	−2	81	−7	281	−·001	2·3	−0·1	2	2·70	−0·70	0·39	1·08	−0·69	6·86	12·54	−5·68	0·15	Srinagar.
5		1	2	1			1		E		5·2			12		57		·192		0·5		0			0			14·12§			0	Gulmarg.
																						3			1·11	1·76	−0·65	16·86	22·80	−5·94	0·43	Sonamarg.
1									(a)		4·8					67	−2	·148		1·3		1	3·10	−2·10	0·12	0·42	−0·30	2·83	6·82	−3·99	0·12	Dras.
9					1				S	S 83° W	3·1	2·0	+1·1	3	−40	43	−10	·109	−·013	2·3	−0·1	0	0·10	−0·10	0	0·17	−0·17	0·61	1·82	−1·21	0	Leh.
1			1	4	1	5	1		S 19° W		5·5			20		51	−18	·175		2·9		0	0·10	−0·10	0·06	0·06	0	1·48	3·73	−2·25	0·06	Skardu.
																Observations not recorded.																Minimarg.
																Ditto		ditto.														Astor.
		1	1				2		N 23° W		1·3			2		48	+1	·242	+·014	3·2	−0·2	0	0·30	−0·30	0·03	0·25	−0·22	0·73	3·00	−2·21	0·02	Gilgit.
																																Baluchistan.
9		2							N 45° E	N 59° W	1·3	1·9	−0·6	3	0	40	−4	·160	−·031	0·8	+0·4	1	0·20	+0·80	0·58	0·09	+0·49	1·24	1·91	−0·67	0·55	Quetta.
3				2	4	2			S	S 45° E	4·8	8·0	−3·2	22	−32	36	+13	·203	+·022	0·6	0	1	0·10	+0·90	0·68	0·07	+0·61	0·70	0·29	+0·41	0·62	Chaman.
8	1			2	6	4			S 9° W		5·2*			30		47		·174		0·6		0			0	0·04	−0·04	0·15	1·41	−1·26	0	Kalat.
2	2	7	11	3			3	3	N 62° E		7·2*			46		49		·278		0·3		0			0·08			0·16			0·08	Dalbandin.
2	4	3	2	2			3	5	N 7° W		5·9			27		80		·697		0·2		0			0·06			0·11			0·06	Pasni.
	1	17	10	2				1	N 61° E		7·5			82		53		·230		0·1		0			0·03			0·03‖			0·03	Panjgur.
5	1	2	1		6	15	1		S 33° W		7·3			56		45		·286		0·3		0			0			0·08			0	Robat.
																																Hill Stations excluding Kashmir and Baluchistan.
6	6				9				S		3·2			10		75		·265		0		2			0·64	0·80	−0·16	1·70	4·52	−2·82	0·31	Chitral.
6		2	2		1	3	5	2	S 87° W		3·2			16		41		·211		1·5		4	1·00	+3·00	1·73	0·78	+0·95	16·79	13·78	+3·01	0·82	Para Chinar.
9	7	2		3	3	2	3	2	N 35° W	N 11° W	7·5	10·2	−2·7	13	−38	40	+4	·232	+·008	1·8	+0·9	3			1·09	0·29	+0·80	4·95	13·59	−8·64	0·78	Cherat.
2	4			4				1	N 48° E	N 27° W	3·7	6·2	−2·5	10	−9	50	+8	·223	+·019	2·0	+0·7	4	3·30	+0·70	1·66	1·27	+0·39	27·93	39·42	−11·49	0·64	Murree.
																50	+1	·218	+·010	1·8	+1·0	5	1·30	+3·70	1·64	0·87	+0·77	37·67	51·28	−13·61	0·56	Simla.
5		1			5				S 14° E		0·9			13		69		·261		1·8		4			2·54	1·12	+1·42	34·32	40·34 m	−6·02	0·97	Sarain.
0	2			5	7			7	S 14° W		7·0			13		65		·173		3·0		4			2·05	1·49	+0·56	45·70	55·00	−9·30	0·89	Kalabagh.
8	17	4		1	1				N 11° E	N 39° E	3·6	6·2	−2·6	59	+27	72	+12	·328	+·044	2·0	+1·0	3	1·20	+1·80	0·77	0·82	−0·05	38·01	57·62	−19·61	0·29	Chakrata.
25	1		2				2	1	N 24° W		4·0†			7		71	+15	·313		2·6		2			0·48	1·70	−1·22	33·66	41·99	−8·33	0·23	Mukteswar.
29				2					S 45° E	N 73° E	1·0	3·3	−2·3	3	−29	86	−3	·379	−·001	6·6	+0·9	10	4·87	+5·13	4·27	4·49	−0·22	127·35	113·43	+13·92	0·90	Darjiling.
23		2	2		1	3			S 38° E		1·7			7		75		·446		4·0		11	9·10	+1·90	6·38	6·07	+0·31	71·34	75·05	−3·71	2·10	Shillong.
20		1	1	1	2	5	1		S 21° W		2·5**			20		86		·527		5·6		12	8·20	+3·80	51·72	14·52	+37·20	506·88	362·20	+144·68	21·44	Cherrapunji.
22		1		2		4	1	1	S 41° W		1·4			13		94	+5	·615		5·7		10	11·20	−1·20	5·37	7·15	−1·78	53·58	50·47	+3·11	0·92	Maymyo.
9	4	4	1	1	1	4	2	5	N 34° W	N 34° E	3·8	3·2	+0·6	23	+12	67	+12	·519	+·095	1·8	−0·8	2	3·30	−1·30	1·19	1·91	−0·72	65·75	72·37	−6·62	0·62	Pachmarhi.
3	4	2	1		2	9	4	6	N 84° W	N 27° W	6·1	4·9	+1·2	40	+22	37	−7	·301	−·036	2·0	+0·9	0	0·50	−0·50	0·02	0·59	−0·57	14·36	59·50	−45·14	0·02	Mount Abu.
9	4	5	5	3	1	1	2	1	N 58° E	N 27° E	2·6	4·2	−1·6	27	+2	89	+1	·576	−·007	4·5	−2·1	11	13·00	2·00	7·36	8·62	−1·26	124·17	119·62	+4·55	1·76	Mercara.
11	1	7	3	5	2		1	1	N 83° E		2·4			33		77		·360		5·5		14	13·70	+0·30	9·35	8·71	+0·64	47·69	44·10	+3·59	2·61	otacamund.
	4	2	2	5	3	1	2	12	N 33° W		11·5*			30		82	−2	·369		5·1		16	16·20	−0·20	13·72	10·83	+2·79	41·28	39·67	+1·61	3·98	Kodaikanal.

ill or plateau stations, the elevations of which exceed 3,200 feet.

*Uncorrected for scale error.

(a) Indeterminate.
** Mean of 30 days.
‡ „ 19 „

§ Rainfall since 8th May.
‖ „ „ 14th September.
¶ „ for August and September wanting.
(m) Rainfall since 1st June 1911.

Ta

(2) *Abstract of observations taken at 8 hrs. at*

Number of sub-division.	Station.	Elevation of bar-cistern above sea-level in feet.	Pressure 8 hrs. in inches.								Temperature of air.											
			Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity at 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	Extra India.																					
	Singapore (a)	10	29·981†		29·912†	30·069	28 th	29·885	6th	·184	83·8	88·6		78·9		81·2		14·7	92·5	2nd	71·0	1st
	Penang (a)	20	29·927		29·872	29·988	2nd	29·856	26th	·132	81·5	87·0		73·9		80·5		13·1	90·0	5 days	72·0	2nd
	Trincomalee	99									76·2	88·4	0	73·1	—2·4	80·7	−1·2	15·3	96·5	9th & 10th	70·0	12th
	Colombo	24	29·948	+·016	29·898	30·001	27th	29·861	1st	·140	74·7	87·3	+1·6	73·5	−1·9	80·4	—0·1	13·8	91·0	30th	70·5	27th & 30th
	Minicoy	7	29·887			30·019	30th	29·878	1st	·171												
	Amini Divi	*13*	29·958	+·028	29·899	30·046	28th	29·866	17th	·180	81·0	85·7	+0·6	76·9	+0·5	81·3	+0·5	8·8	90·2	10th	73·5	16th & 20th
	Gyantse	13,120	17·059		17·020	17·088	29th	17·026	15th	·062	41·0	60·0		27·1		43·6		32·9	74·9	4th	15·4	26th
	Pharijong	14,400									38·3	48·1		26·8		34·4		27·3	59·4	3rd	10·5	30th
	Gangtok	5,660									61·6	70·8		54·8		62·8		16·0	78·7	5th	48·7	30th
	Gartok (c) §	14,140	17·362			17·400	2nd, 11th & 16th.	17·350	17 days	·050	22·1	48·2		12·7		30·4		35·5	51·4	3rd	0·2	22nd & 24th
	Kashgar (c)	4,255	25·683			25·860	6th	25·480	2nd	·380	52·5	71·2		44·9		58·1		26·3	81·7	3rd	32·6	31st
	Kabul		24·351		24·320	24·484	30th	24·200	1st	·284	53·5			44·4	+3·0						30·9	31st
	Meshed	3,104	26·971		26·949	27·203	3rd	26·763	13th	·440	48·8	69·5		38·8	—5·8	54·2		30·7	89·4	1st	26·9	4th
	Jask	13	29·934	—·002	29·900	30·110	29th	29·730	2nd	·380	76·5	90·9	+0·2	74·1	−1·4	82·5	−0·6	16·8	103·3	2nd	66·3	28th
	Muscat	20	29·950	0	29·918	30·110	28th	29·772	2nd	·338	84·9	94·9	+9·1	79·9	−1·2	87·4	+3·9	15·0	104·8	3rd	72·1	31st
	Bahrein	18	29·959		29·940	30·072	29th	29·838	3rd	·234	81·4	86·4		75·3		80·8		11·1	89·7	22nd	69·3	23rd
	Bushire	14	29·946	+·001	29·922	30·071	30th	29·803	3rd	·268	76·5	86·9	−0·9	69·9	−1·3	78·4	−1·1	17·0	94·8	19th	64·5	27th
	Busrah	25	29·916		29·910	30·141	29th	29·782	3rd	·359	76·5	90·3		69·0		79·6		21·3	97·7	1st	58·3	27th
	Kerman										50·7	84·2		40·5		62·3		43·7	94·0	1st	29·0	26th & 27th
	Ispahan (b)	*5,817*	24·445			24·520	3rd & 29th.	24·330	24th	·190	57·1	77·1	—0·3	45·8	+1·4	61·5	+0·5	31·3	86·4	1st	38·2	27th & 29th
	Tehran (b)	*4,002*	25·889			26·050	3rd	25·710	1st	·340	59·8	74·6	−2·9	52·9	−1·2	63·8	−2·1	21·7	87·7	1st	44·0	25th
	Bagdad **	127	29·859	+·034	29·965	30·012	23rd	29·685	16th	·327	68·4	92·0	−0·7	63·3	+1·1	77·7	+0·2	28·7	99·3	4th	54·8	27th
	Beirut (d)	111			29·978						74·1	80·7		68·3		74·5		12·4	86·0	11th	59·0	21st, 22nd & 23rd.
	Aden	94	29·891	+·018	29·917	29·960	23rd	29·806	1st	·154	82·4	88·8	—1·4	78·8	+1·1	83·8	−0·1	10·0	93·1	6th	74·9	9th
	Perim	201	29·748	+·014	29·882	29·816	23rd	29·674	5th	·142	85·6	90·8	-0·3	81·2	+0·7	86·0	+0·2	9·6	95·5	6th	78·6	30th
	Zanzibar	72	30·059	+·044	30·057	30·110	19th	29·958	31st	·152	77·6	82·7	—0·5	73·7	—1·6	78·2	−1·1	9·0	85·9	21st & 28th.	71·5	2nd

N. B.—Elevations in italics indicate barometrical determinations.

NOTE.—The barometric readings are not reduced to sea-level, in the case of hill or plateau stations, the elevations of which exceed 3,200 feet.

(b) Aneroid uncorrected. (a) 9 hrs. observations.

(c) Aneriod corrected. (d) 8½ hrs. observations. † Mean of 30 days. § Mean of 26 days. ** Mean of 29 days. †† Mean of 27 days.

B—*concluded.*

stations in India, etc., in October, 1911—concluded.

Wind direction. Number of winds from Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Resultant direction.	Normal direction.	Wind velocity. Mean velocity, miles per hour.	Normal.	Departure from normal.	Wind steadiness. Actual percentage.	Departure from normal.	Hygrometry, 8 hrs. Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs. in inches of mercury.	Departure from normal in inches of mercury.	Cloud. Mean cloud amount at 8 hrs.	Departure from normal.	Rainfall. Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st May to 31st October, 1911.	Normal rainfall for period, 1st May to 31st October.	Departure from normal of period, 1st May to 31st October, 1911.	Heaviest rainfall during month.	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	54	55	56	57
																																Extra India.
6				9		5		1	S 13° E		3·6*			30						5·6		12			9·86	7·32	+ 2·54	42·90	40·12	+ 2·78	3·79	Singapore.
	3	21		1				6	N 28° E		10·5*			79								19			12·22	16·93	— 4·71	48·79	64·65	—15·86	2·08	Penang.
1	1	1	1			21	1	5	S 61° W	S 45° W	6·0*	8·5	− 2·5	62	—13	84	0	·763	−·123	5·6	+2·2	12			8·31	7·61	+ 0·70	24·62	22·35	+ 2·27	1·72	Trincomalee.
1	3	7		1		3	1	5	N 6° W	S 41° W	4·2*†	7·4	− 3·2	30	—12	95	+15	·816	—·039	6·6	+0·4	21			14·05	14·94	− 0·89	38·42	46·52	— 8·10	1·94	Colombo.
	3	3			2		13	10	N 61° W	N 78° W	6·2	7·4	—1·2	65	+ 8					5·4	0	13			12·44	8·22	+ 4·22	47·98	46·74	+ 1·24	2·30	Minicoy.
5	8	4				6		7	N 25° W		7·1			45		81		·855		5·2		8			4·57	5·98	— 1·41	42·46	47·24	— 4·78	2·18	Amini Divi.
7			7	7					S 67° E		2·5			42		68		·172		0·9		2			0·66			11·74			0·32	Gyantse.
	4	3			3				N 56° E‡		9·7			25		78		·182		3·9		7			2·45			18·08			0·56	Pharijong.
9						2			S 45° W		1·6			3		90		·498		2·0		16			9·71	5·34	+ 4·37	115·13	112·30	+ 2·83	1·46	Gangtok.
2				1	3				S 14° E		7·2			15						1·2		0			0			1·11			0	Gartok.
9								2	N 45° W	N 38° W	0·5	1·7	—1·2	3		52		·205		2·3		0			0	0·02	— 0·02	0·65	2·26	— 1·61	0	Kasugar.
		1	8	11	10		1		S 41° E	S 10° E				71	+59	61		·216				1			0·45	0·36	+ 0·09				0·45	Kabul.
3	1	1		1	2	2			S		1·9			6		53		·189		2·3	+0·4	1			0·19	0·39	— 0·20	2·59	2·23	+ 0·36	0·19	Meshed.
3	6	5	10			1	1	5	N 34° E	N 56° E	6·9	10·6	—3·7	49	+16	69	+ 4	·638	—·101	0·8	+0·3	0			0	0·04	— 0·04	0	0·10	— 0·10	0	Jask.
7	1		1				4	8	N 52° W	N 76° W	5·3	3·7	+1·6	37	+ 9	56	—10	·662	—·093	1·6	+1·3	0			0	0·07	— 0·07	0	0·24	— 0·24	0	Muscat.
	2	1	3	3	1	2	9	8	N 63° W		5·7			29		72		·776		0·6		0			0	0·01	— 0·01	0	0·11	— 0·11	0	Bahrein.
7	3	11	3					4	N 41° E	N 67° E	7·3	6·1	+1·2	53	— 5	71	+ 9	·636	+·033	0·3	−0·7	0			0	0·10	— 0·10	0	0·13	— 0·13	0	Bushire.
		2	2	4	4	2	12	5	S 75° W		3·2			36		55		·495		0·7		0			0	0·08	− 0·08	0	0·73	− 0·73	0	Busrah.
	2	1	2	2	3				S 63° E		6·4			13		48		·179		0·2		0			0·01			0·37			0·01	Kerman.
		2				2	1	3	N 56° W	N 74° W	2·3†	2·9	—0·6	10	—14	44	−11	·207	—·059	1·0	− 0·5	0			0	0·17	− 0·17	0·05	0·50	— 0·45	0	Ispahan.
	1	7		1	4	1	1		N 76° E	N 18° E	2·5	2·9	—0·4	13	—10	47	+ 5	·247	+ ·007	1·9	0	0			0·16	0·30	— 0·14	1·13	1·18	− 0·05	0·07	Tehran.
	5	2	3	2	1			4	N 23° E	N 6° W	6·4††	2·8	+3·6	28	—5	49	— 6	·338	—·065	1·6	+1·0	0			0	0·08	− 0·08	0·21	0·36	— 0·15	0	Bagdad.
	8	5				8	2	5	N 42° W					39		69		·579		2·1		6			5·40			6·97			2·75	Beirut.
1	21	2	1						N 49° E	N 78° E	14·3	12·8	+1·5	76	+ 8	74	+ 6	·813	+·072	2·9	+0·8	0			0	0·08	— 0·08	0·34	0·58	— 0·24	0	Aden.
		12	5	13					S 41° E	S 68° E	16·5	18·5	—2·0	71	− 8	67	— 2	·823	−·001	1·2	—0·9	0			0	0·03	− 0·03	0·49	0·89	— 0·40	0	Perim.
			10	7	4				S 13° E	S 20° E	4·7	5·0	—0·3	58	—14	80	— 2	·751	−·133	2·4	− 3·6	9			2·89	3·67	— 0·78	27·10	23·48	+ 3·62	1·10	Zanzibar.

* Uncorrected for scale error.

‡ Observations of 12 days.

Table C.—Abstract of observations taken at 8 hrs. at 38 fourth class stations in India, etc., in October, 1911.

Ta

Abstract of observations taken at 8 hrs. at 38 fo

Number of subdivision.	Station.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range during month.	Wind direction. Number of winds from: Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	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	24	25
	II.—Eastern Bengal and Assam.																							
4	Bishnath	74·9	85·0	...	67·5	...	76·3	...	17·5	92·7	5th	59·9	27th	32·8	...	...	...	...	...	...	...	...	...	...
	Borjuli	75·5	87·1	...	67·5	...	77·3	...	19·6	93·0	1st, 4th & 5th.	58·1	29th	34·9	...	...	...	...	...	...	...	...	...	...
	Chandkhira	74·2	87·8	...	68·8	...	78·3	...	19·0	92·5	4th	62·1	28th	30·4	...	...	...	...	...	...	...	...	...	...
	Doom Dooma	69·2	84·4	...	67·2	...	75·8	...	17·2	95·8	5th	57·2	31st	38·6	...	...	...	...	...	...	...	...	...	...
	Dikom	72·1	84·1	...	67·5	...	75·8	...	16·6	95·4	5th	56·6	31st	38·8	...	...	...	...	...	...	...	...	...	...
	Golaghat	75·3	76·0	...	69·7	...	72·9	...	6·3	82·5	4th	61·8	29th	20·7	...	...	...	...	...	...	...	...	...	...
	Hailakandi	...	...	...	...	...	...	...	...	...	Observations not received.				...	...	...	...	...	...	...	...	...	...
	Jorehat	74·6	85·1	...	69·8	...	77·5	...	15·3	90·9	2nd & 5th	62·0	27th	28·9	...	...	...	...	...	...	...	...	...	...
	Messa	78·1	90·1	...	66·9	...	78·5	...	23·2	95·5	10th	59·0	30th	36·5	...	...	...	...	...	...	...	...	...	...
	Panerihat	72·4	83·9	...	69·9	...	76·9	...	14·0	92·1	5th	60·5	31st	31·6	...	...	...	...	...	...	...	...	...	...
	Srimangal	77·9	88·5	...	70·1	...	79·3	...	18·4	92·5	3rd	62·0	28th	30·5	...	...	...	...	...	...	...	...	...	...
5	Brahmanbaria	81·2	86·9	...	75·4	...	80·1	...	13·5	91·0	3rd	68·3	16th	22·7	...	...	...	...	...	...	...	...	...	...
	Dam Dim *	70·6	88·4	...	59·8	...	74·1	...	28·6	89·7	31st	58·0	28th	31·7	...	...	...	...	...	...	...	...	...	...
	Goalundo	82·2	89·6	...	73·6	...	81·6	...	16·0	94·6	19th	66·7	31st	27·9	...	...	...	...	...	...	...	...	...	...
	Kalchini	77·6	86·7	...	64·8	...	75·7	...	21·9	93·1	5th	57·9	20th & 22nd.	35·2	...	...	...	...	...	...	...	...	...	...
	Nagrakata	76·5	86·5	...	68·2	...	77·4	...	18·3	93·1	5th	61·0	21st & 23rd.	32·1	...	...	...	...	...	...	...	...	...	...
	Pabna	80·6	89·1	...	69·7	...	79·4	...	19·4	95·2	5th	64·5	22nd	30·7	...	...	...	...	...	...	...	...	...	...
	IV.—United Provinces of Agra and Oudh.																							
10	Ballia	78·2	85·6	...	71·9	...	78·8	...	13·7	93·8	3rd	63·3	23rd	30·5	...	...	...	...	...	...	...	...	...	...
	XI.—Central Provinces.																							
24	Chhindwara	72·6	86·0	...	62·8	...	74·7	...	23·8	89·2	4th & 6th	54·9	22nd	34·3	...	3	3	1	...	...	1	10	13	N 51° W
	XIV.—Madras.																							
33	Anantapur	78·7	92·2	...	71·3	...	81·8	...	20·9	96·0	13th	62·9	29th	33·1	...	...	...	...	...	...	...	...	...	...
34	Guntur	80·2	92·5	...	73·7	...	83·1	...	18·8	100·2	8th	64·5	30th	35·7	...	...	...	...	...	...	...	...	...	...
	Bay Islands.																							
1	Car Nicobar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kashmir.																							
14	Jammu	76·7	88·9	...	68·3	...	78·6	...	20·6	94·6	4th	59·3	30th	35·3	...	18	11	1	...	...	...	1	...	N 17 E
	Kargil	48·5	68·5	...	40·0	...	54·3	...	28·5	79·7	3rd	29·6	31st	50·1	...	8	7	2	...	...	3	...	11	N 9° W
	Hill Stations, exclusive of Kashmir.																							
	Panighatta	74·8	83·7	...	67·5	...	75·6	...	16·2	89·9	6th	62·0	19th & 20th.	27·9	...	...	...	...	...	...	...	...	...	...
	Kurseong	63·0	68·4	...	59·3	...	63·9	...	9·1	75·2	4th	51·9	19th	23·3	...	...	...	...	...	...	...	...	...	...

* Observations of 7 days.

lass stations in India, etc., in October, 1911.

Wind velocity.			Wind steadiness.		Hygrometry, 8 hrs.				Cloud.		Rainfall.									Heaviest rainfall during month.	Station.
Mean velocity, miles per hour.	Normal.	Departure from normal.	Actual percentage.	Departure from normal.	Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs. in inches of mercury.	Departure from normal in inches of mercury.	Mean cloud amount at 8 hrs.	Departure from normal.	Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st May to 31st October, 1911.	Normal rainfall for period, 1st May to 31st October.	Departure from normal of period, 1st May to 31st October, 1911.		
27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
																					II.—Eastern Bengal and Assam.
...	...	...	...	...	93	...	·8[illegible]1	...	...	...	13	...	...	4·30	5·29	−0·99	88·10	76·37	+11·73	1·24	Bishnath.
...	...	...	...	...	83	...	·7[illegible]7	...	...	...	6	...	...	3·16	3·55	−0·39	94·3[illegible]	68·62	+25·73	0·76	Borjuli.
...	...	...	...	...	92	...	·779	...	...	...	15	...	...	6·98	8·32	−1·34	100·09	87·03	+13·06	1·29	Chandkhira.
...	...	...	...	...	96	...	·68[illegible]	...	...	...	11	...	...	8·33	4·72	+3·61	85·68	75·12	+10·56	1·54	Doom Dooma.
...	...	...	...	...	91	...	·730	...	...	...	15	...	...	9·49	5·49	+4·00	89·57	81·48	+8·09	1·56	Dikom.
...	...	...	...	...	87	...	·773	...	...	...	7	...	...	4·33	2·79	+1·54	62·26	53·85	+8·41	1·36	Golaghat.
...	...	...	...	...	...	...	...	...	...	Observations not received				...	...	...	...	...	...	...	Hailakandi.
...	...	...	...	...	88	...	·758	...	...	...	8	...	...	8·90	3·91	+4·99	84·41	62·74	+21·67	3·16	Jorehat.
...	...	...	...	...	82	...	·801	...	...	...	11	...	...	8·63	3·09	+5·54	93·57	74·57	+19·00	1·78	Messa.
...	...	...	...	...	95	...	·757	...	...	...	10	...	...	4·59	3·65	+0·94	92·08	62·66	+29·42	1·49	Panerihat.
...	...	...	...	...	85	...	·815	...	...	...	11	...	...	9·28	7·88	+1·40	106·42	78·51	+27·91	2·10	Srimangal.
...	...	...	...	...	80	...	·846	...	...	...	8	...	...	8·42	5·42	+3·00	89·13	67·86	+21·27	2·39	Brahmanbaria.
...	...	...	...	...	85	...	·631	...	...	...	1	...	...	1·36	5·07	−3·71	152·92‡	145·[illegible]0	+7·92	1·28	Dam Dim.
...	...	...	...	...	82	...	·905	...	...	...	7	...	...	5·77	6·06	−0·29	53·85	57·90	−4·05	2·60	Goalundo.
...	...	...	...	...	88	...	·852	...	...	...	14	...	...	9·99	5·86	+4·13	162·21	141·16	+21·05	1·20	Kalchini.
...	...	...	...	...	80	...	·733	...	...	...	12	...	...	12·32	7·46	+4·86	167·98	150·34	+17·64	2·16	Nagrakata.
...	...	...	...	...	82	...	·854	...	...	...	9	...	...	5·02	4·82	+0·20	66·16	53·57	+12·59	1·27	Pabna.
																					IV.—United Provinces of Agra and Oudh.
...	...	...	...	...	84	...	·804	...	...	...	...	No	rain	gauge	...	...	...	...	...	...	Balia.
																					XI.—Central Provinces.
2·3	...	...	71	...	43	...	·609	...	2·1	...	4	...	...	1·49	...	...	29·96	...	...	0·87	Chhindwara.
																					XIV.—Madras.
...	...	...	...	...	70	...	·[illegible]87	...	6·1	...	2	...	...	2·02	...	...	13·84	...	...	1·16	Anantapur.
...	...	...	...	...	86	...	·891	...	5·5	...	6	...	...	4·34	...	...	24·32	...	...	1·21	Guntur.
																					Bay Islands.
...	...	...	...	...	...	...	...	...	...	...	12	...	...	7·51	11·44	−3·93	58·74	62·67	−3·93	1·45	Car Nicobar.
																					Kashmir.
...	...	...	90	...	46	...	·416	...	1·0	...	1	...	...	0·60	...	...	17·50	...	...	0·52	Jammu.
...	...	...	61	...	37	...	·[illegible]23	...	2·9	...	0	...	...	0	...	...	0·78	...	...	0	Kargil.
																					Hill Stations, exclusive of Kashmir.
...	...	...	...	...	77	...	·665	...	...	...	17	...	...	17·08	5·14	+11·94	146·64	130·40	+16·24	3·36	Panighatta.
...	...	...	...	...	86	...	·496	...	...	...	14	...	...	15·21	5·69	+9·52	170·32	139·57	+30·75	4·52	Kurseong.

‡ The total Rainfall from 1st to 24th October 1911 not included.

Ta

Abstract of observations taken at 8 hrs. at 38 f

Nsbdifmuerb uvisoion.	Station.	Temperature of air.													Wind direction.									
															Number of winds from									
		Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range during month.	Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	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	24	25
	Hill Stations, exclusive of Kashmir—*concld.*																							
	Gnatong . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lachung . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Ringim . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Poo	...	67·3	...	44·1	...	55·7	...	23·2	77·6	6th	33·2	30th	44·4	9	...	...	4	5	2	2	9	...	S 23°
	Kailang . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bakloh . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Drosh	57·6	78·0	...	53·6	...	65·8	...	24·4	91·2	2nd	41·3	29th	49·9	24	...	...	2	...	...	...	1	...	E
	Pishin	...	75·3	...	39·8	...	57·6	...	35·5	87·4	3rd	33·0	11th & 12th.	54·4	...	...	...	...	...	...	...	...	...	...
	Extra India.																							
	Ahwaz . . .	...	93·0	...	70·3	...	81·7	...	22·7	100·6	2nd	61·6	25th	39·0	...	...	...	...	...	...	...	...	...	...
	Birjand . . .	...	...	...	...	...	...	...	...	...	Observatio	ns not	received.	...	...	...	...	...	...	...	...	...	...	...
	Chumbi . . .	43·2	58·9	...	39·1	...	49·0	...	19·8	67·5	3rd	27·5	29th	40·0	...	...	...	...	...	...	...	...	...	...
	Kirmanshah . .	60·2	75·5	...	44·1	...	59·8	...	31·4	80·8	4th & 17th.	31·0	26th	49·8	...	...	...	...	...	...	...	...	...	...
	Koweit . . .	...	91·0	...	71·1	...	81·1	...	19·9	99·4	4th	62·6	27th	36·8	5	4	...	1	...	4	4	7	6	N 86°
	Maidan . . .	...	94·3	...	64·3	...	79·3	...	30·0	102·4	3rd	56·7	27th	45·7	...	...	...	...	...	...	...	...	...	...
	Muhammerah . .	...	92·6	...	69·5	...	81·0	...	23·1	99·6	4th	58·8	26th	40·8	...	1	...	...	9	6	1	...	14	S 63°
	Pemba . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Prison Island . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

C,—*concluded.*

class stations in India, etc., in October, 1911—concluded.

Wind velocity.			Wind steadiness.		Hygrometry, 8 hrs.				Cloud.		Rainfall.									Heaviest rainfall during month.	Station.
Mean velocity, miles per hour.	Normal.	Departure from normal.	Actual percentage.	Departure from normal.	Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs. in inches of mercury.	Departure from normal in inches of mercury.	Mean cloud amount at 8 hrs.	Departure from normal.	Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st May to 31st October, 1911.	Normal rainfall for period, 1st May to 31st October.	Departure from normal of period, 1st May to 31st October, 1911.		
27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
																					Hill Stations, exclusive of Kashmir—*concld.*
...	...	...	...	...	...	...	...	...	...	...	7	...	...	2·53*	...	...	2·53†	...	...	1·06	Gnatong.
...	...	...	...	...	...	...	...	...	...	...	12	...	...	7·10	...	...	7·10‡	...	...	0·97	Lachung.
...	...	...	...	...	...	...	...	...	...	...	Rainfall observations not received.						...	...	...	...	Ringim.
...	...	...	26	...	...	...	...	...	2·6	...	0	...	...	0·03	0·39	—0·36	1·78	3·51	—1·73	0·02	Poo.
...	...	...	...	...	...	...	...	...	...	...	Rainfall observations not received.						...	...	...	...	Kailang.
...	...	...	...	...	...	...	...	...	...	...	3	...	...	0·66	...	...	30·67§	...	...	0·29	Bakloh.
...	...	...	3	...	47	...	·215	...	4·0	...	4	...	...	0·99	1·25	—0·26	3·49	6·50	—3·01	0·39	Drosh.¶
...	...	...	...	...	...	...	...	...	0·7	...	2	...	...	0·85	0·07	+0·79	0·88	0·50	+0·38	0·50	Pishin.
																					Extra India.
...	...	...	...	...	...	...	...	...	0·5	...	0	...	...	0	...	...	0·03	...	...	0	Ahwaz.
...	...	...	...	...	...	...	...	...	...	...	Observations not received						...	...	...	...	Birjand.
6·6	...	...	...	...	85	...	·249	...	3·8	...	9	...	...	3·32	...	...	32·17	...	...	0·84	Chumbi.
...	...	...	...	...	40	...	·206	...	...	...	0	...	...	0·03	...	...	0·84	...	...	0·03	Kirmanshah.
...	...	...	42	...	...	...	...	...	0·7	...	0	...	...	0	...	...	0·05	...	...	0	Koweit.
...	...	...	...	...	...	...	...	...	0	...	0	...	...	0	...	...	0·15	...	...	0	Maidan.
...	...	...	13	...	...	...	...	...	...	...	0	...	...	0	...	...	0·10	...	...	0	Muhammerah.
...	...	...	...	...	...	...	...	...	...	...	3	...	...	0·57	2·80	+2·23	35·33	33·05	+2·28	0·19	Pemba.
...	...	...	...	...	...	...	...	...	...	...	Rainfall observations not received.						...	...	...	...	Prison Island.

* The Rainfall from 1st to 13th October, 1911, not included.

‡ The total Rainfall for September, 1911, not included.

† The total Rainfall from 1st September to 13th October, 1911, not included.

§ Total Rainfall since 1st June, 1911.

¶ Wind variable 4

Table A.—Abstract of observations taken at 10 hrs. and 16 hrs. at 33 stations in India, etc., in November 1911.

Ta

Abstract of observations taken at 10 hrs. and 16

Number of subdivision.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure. Mean of 10 hrs.	Pressure. Mean of 16 hrs.	Pressure. Mean daily range.	Pressure. Mean of daily mean pressures.	Pressure. Departure from normal.	Pressure. Mean reduced to sea-level and gravity, 45° Lat.	Temperature of air. Mean maximum.	Temperature of air. Mean minimum.	Temperature of air. Mean daily range.	Temperature of air. Highest maximum.	Temperature of air. Lowest minimum.	Temperature of air. Absolute range.	Temperature of air. Mean 10 hrs.	Temperature of air. Mean 16 hrs.	Temperature of air. Mean of daily means.	Temperature of air. Departure from normal.	Temperature wet-bulb. Mean minimum.	Temperature wet-bulb. Mean 10 hrs.	Temperature wet-bulb. Mean 16 hrs.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	I.—Burma.																				
2	Rangoon	18	30·002	29·880	·122	29·943	+·19	29·898	89·5	72·5	17·0	92·5	68·4	24·1	84·1	87·7	79·3	+1·0	70·6	75·3	75·1
	III.—Bengal.																				
6	Calcutta	21	·041	·931	·110	·982	+·018	·919	82·7	66·9	15·8	87·8	62·3	25·5	77·9	80·2	74·2	+1·8	64·9	69·3	70·1
	IV.—United Provinces of Agra and Oudh.																				
10	Allahabad	309	29·771	·661	·110	·704	+·023	·975	78·4	58·4	20·0	87·2	47·5	39·7	72·8	76·7	66·4	−1·1	57·3	63·0	64·0
11	Dehra Dun	2,233	27·797	27·710	·087	27·742	+·004	·973	70·1	50·0	20·1	77·5	43·5	34·0	62·8	65·7	59·2	−3·4	48·3	55·6	57·5
	V.—Punjab.																				
12	Lahore	702	29·364	29·269	·095	29·309	+·023	30·004	76·6	48·8	27·8	87·4	38·3	49·1	65·7	74·2	60·7	−2·5	47·0	56·5	59·5
	VIII.—Rajputana.																				
19	Jaipur	1,431	28·623	28·516	·107	28·580	−·002	29·964	80·4	55·7	24·7	92·2	42·0	50·2	72·5	78·0	66·4	−2·5	50·5	59·3	60·3
	Udaipur	1,925	·107	27·997	·110	·050		·915	82·4	56·3	26·1	91·5	42·5	49·0	75·1	80·2	69·0		53·3	60·3	62·0
	IX.—Bombay.																				
26	Bombay	37	29·945	29·842	·103	29·889	−·024	·866	87·9	75·6	12·3	92·4	72·5	19·9	81·3	84·1	80·9	+1·6	71·8	74·4	76·2
	XI.—Central Provinces.																				
24	Nagpur	1,017	·011†	28·894	·117	28·948	+·003	·91[illegible]†	85·4	63·6	21·8	90·5	56·9	33·6	77·3†	83·4	74·0	+1·8	58·7	67·7†	68·9
	XII.—Hyderabad.																				
29	Hyderabad	1,690	28·311	·200	·111	·253	+·002	·862	86·6	65·9	20·7	91·5	61·0	30·5	79·0	81·8	75·6	+3·3	62·6	68·3	68·0
	XIII.—Mysore.																				
30	Bangalore	3,021	27·008	26·902	·106	26·954	+·007	·806	81·5	62·8	18·7	84·9	59·1	25·8	74·9	78·1	71·1	+1·5	61·8	66·3	66·4
	Mysore	2,518	·483	27·362	·121	27·422	−·018	·801	83·2	64·5	18·7	85·9	60·5	25·4	76·8	81·6	72·8	+0·5	62·5	67·8	68·1
	XIV.—Madras.																				
32	Pudukkottai	318	29·662	29·543	·119	29·603		·853	85·7	72·5	13·1	90·6	70·7	19·9	80·9	82·7	79·1		71·6	75·3	75·8
	Madras	22	·985	·882	·103	·936	+·010	·888	86·0	73·9	12·1	88·8	69·8	19·0	82·5	82·2	79·1	+1·2	72·8	77·0	76·4
	Bay Islands.																				
1	Port Blair	58	·918	·823	·095	·873	+·021	·860	87·6	78·4	9·2	89·8	75·4	14·4	84·6	84·0	82·2	+1·0	75·0	78·7	77·8
	Kashmir.																				
14	Srinagar	5,204	25·026	24·928	·098	24·972	−·024	24·943	53·1	32·5	20·6	65·1	24·1	41·0	43·2	50·9	40·8	−3·2	30·5	40·7	47·1
	Leh	11,503	19·718	19·618	·1 0	19·666	−·072	19·634	42·6	17·2	25·4	54·8	8·0	46·8	31·9	37·0	27·9	−4·2	14·3	25·2	27·6
	Baluchistan.																				
16	Quetta	5,502	24·765	24·695	·070	24·720	−·009	24·680	57·7	31·7	26·0	70·1	22·5	47·6	49·8	53·2	44·2	−3·8	31·0	40·7	43·4

N.B.—Elevations in italics indicate barometric determinations.

NOTE.—The barometric readings are not reduced to sea-level, in the cases of hill or plateau stations, the elevations of which exceed 3,200 feet.

† Mean of 29 days.

A.

t 33 stations in India, etc., in November, 1911.

Vapour tension in inches of mercury. From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	Humidity. From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	Cloud. Mean 10 hrs.	Mean 16 hrs.	Mean of two previous columns.	Departure from normal.	Wind direction. Total number of 10 hrs. and 16 hrs. winds from: Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Mean wind direction.	Normal mean wind direction of month.	Wind steadiness. Average percentage.	Normal percentage.	Wind velocity. Mean velocity in miles per diem.	Normal.	Rainfall. Total rainfall for the month.	Heaviest rainfall during the month.	Station.	Number of station.
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	54	55	56
																															I.—Burma.	
·729	·760	·700	·745	−·044	91	65	53	76	− 7	3·8	4·6	4·2	+0·2	9	14	22	8	1	1		1	4	N 34° E	N 66° E	62	57	29	94	0·03	0·03	Rangoon	2
																															III.—Bengal.	
·591	·605	·602	·614	+·036	90	63	59	74	0	3·3	4·2	3·7	+1·2	3	17	13	4	1	2	6	4	10	N 3° W	N 12° W	44	58	67*	60	0·46	0·20	Calcutta	6
																															IV.—United Provinces of Agra and Oudh.	
·462	·449	·430	·454	+·052	94	57	43	71	+ 7	3·7	3·3	3·5	+2·2	23	4	12	7	3		1	4	6	N 32° E	N 51° W	27	24	37	55	1·98	1·24	Allahabad	10
·319	·353	·373	·343	+·007	88	63	60	73	+10	4·1	4·4	4·3	+2·8	9			1	2	10	15	17	6	S 59° W	S 84° W	57	19	50*	31	4·55	3·10	Dehra Dun	11
																															V.—Punjab.	
·208	·343	·318	·319	+·003	87	54	38	64	+ 7	1·9	2·3	2·1	+0·6	20	14		8	4	1	1	5	7	N 1° E	N 42° W	23	18	31	31	0·60	0·46	Lahore	12
																															VIII.—Rajputana.	
·311	·349	·311	·325	+·028	70	44	33	54	+ 7	3·2	4·1	3·7	+2·2	7	3	13	11	5	2	6	5	8	N 47° E	N 24° W	20	35	91*	65	0·32	0·16	Jaipur	19
·378	·343	·330	·355		81	40	33	54		1·8	2·8	2·3		4	5	9	20	9	3		3	7	N 75° E		42		47		0·17	0·09	Udaipur.	
																															IX.—Bombay.	
·728	·722	·796	·774	+·058	82	71	68	78	+ 5	4·5	5·1	4·8	+3·1			10	16	4		2	12	16	N 4° E	N 18° E	23	51	175*	230	0·27	0·27	Bombay	26
																															XI.—Central Provinces.	
·439	·558†	·524	·516	+·087	74	61†	49	64	+ 7	4·4†	4·9	4·7	+2·4	10	3	8	14	10	6	7	1		S 66° E	N 54° E	38	59	60†	89	3·41	1·45	Nagpur§	24
																															XII.—Hyderabad.	
·520	·557	·513	·544	+·032	83	57	49	66	0	4·9	5·3	5·1	+1·5	36		2	4	18					S 58° E	S 75° E	35	63	74	84	0·92	0·34	Hyderabad	29
																															XIII.—Mysore.	
·541	·543	·511	·545	+·006	95	64	54	74	− 1	4·8	5·3	5·1		1	1	7	36	9	1	3	1	1	S 86° E	N 60° E	73	68	182	120	1·22	0·70	Bangalore	30
·543	·567	·521	·557	−·006	89	62	49	70	− 1	6·1	5·9	6·0	−0·4	1		20	28	6	1	3	1		N 81° E	N 29° E	75	22	243	206	2·73	2·10	Mysore.	
																															XIV.—Madras.	
·761	·806	·815	·794		95	77	74	82		7·1	6·9	7·0		6	5	39	3	3		4			N 47° E		68		221		6·22	1·97	Pudukkottai	32
·792	·851	·833	·845	+·049	95	77	76	86	+ 2	5·7	5·6	5·7	−0·2		12	25	6	13	2		1	1	N 58° E	N 27° E	61	62	134*	156	12·69	4·81	Madras.	
																															Bay Islands.	
·816	·898	·868	·886	−·055	84	76	75	81	− 4	5·2	6·1	5·7	−0·1	5	12	27	9	5	2				N 51° E	N 81° E	68	42	165	161	3·72	1·31	Port Blair	1
																															Kashmir.	
·152	·233	·287	·208	−·025	81	81	76	79‡	0	4·0	4·0	4·0	+1·0	16	3	4		9	2	5	2	19	N 53° W	N 1° E	26	21	65	62	1·61	0·73	Srinagar	14
·067	·086	·079	·077	−·021	66	47	35	51	− 5	4·2	5·2	4·7	+0·5			1	2	7	24	19	4	3	S 17° W	S 27° W	68	37	70	50	0	0	Leh.	
																															Baluchistan.	
·172	·167	·185	·175	+·018	93	45	47	66	+15	2·0	2·5	2·3	+0·6	19	6	1		4	4	1	4	21	N 50° W	N 51° W	35	40	28	48	1·31	0·69	Quetta	16

* Uncorrected for scale error.
‡ Mean of three previous columns.

§ Wind observations less 1.

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Abstract of observations taken at 10 hrs. and 16 hrs. at 33 stat

Number of subdivision.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure. Mean of 10 hrs.	Pressure. Mean of 16 hrs.	Pressure. Mean daily range.	Pressure. Mean of daily mean pressures.	Pressure. Departure from normal.	Pressure. Mean reduced to sea-level and gravity, 45° Lat.	Temperature of air. Mean maximum.	Temperature of air. Mean minimum.	Temperature of air. Mean daily range.	Temperature of air. Highest maximum.	Temperature of air. Lowest minimum.	Temperature of air. Absolute range.	Temperature of air. Mean 10 hrs.	Temperature of air. Mean 16 hrs.	Temperature of air. Mean of daily means.	Temperature of air. Departure from normal.	Temperature wet-bulb. Mean minimum.	Temperature wet-bulb. Mean 10 hrs.	Temperature wet-bulb. Mean 16 hrs.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	Hill Stations, excluding Kashmir and Baluchistan.																				
	Simla	7,232	23·184	23·124	·060	23·144	−·021	23·104	50·5	40·1	10·4	59·2	29·9	29·3	47·2	46·1	44·8	−5·3	34·6‖	39·6	40·6
	Sanain		·224	·160	·064	·182		·144	48·9	31·4	17·5	59·2	23·3	35·9	41·5	40·9	39·6			37·6	37·8
	Kalabagh‡		20·186	20·140	·046	20·153		20·115	39·9	28·7	11·2	44·6	28·2	16·4	27·4	27·3	33·8			32·6	34·0
	Chakrata	7,022	23·373	23·314	·059	23·333	−·008	23·294	57·4	39·0	18·4	63·7	29·5	24·2	51·4	48·9	47·7	−3·8	35·0	44·3	42·4
	Mukteswar	7,592	22·912	22·844	·068	22·868		22·826	53·3	37·6	15·7	60·7	29·8	30·9	48·3	49·6	44·9		32·0	41·8	44·0
	Katmandu	4,388	25·821	25·699	·122	25·757	+·059†	25·711	68·5	44·5	24·0	74·0	35·2	38·8	54·8	56·0	56·0	−1·8†	42·7	51·4	55·7
	Darjiling	7,376	23·059	22·987	·072	23·020	−·063	22·975	51·7	40·1	11·6	57·1	36·8	20·3	48·5	47·3	46·4	−1·4	38·9	45·4	44·8
	Pachmarhi	3,528	26·556	26·493	·063	26·518	−·007	26·465	73·8	56·5	17·3	79·0	47·1	31·9	66·3‖	69·8‖	64·6‖	+2·8	54·1	60·3	61·3
	Mount Abu	3,945						No observations available from 1st November.													
	Chikalda§	3,642	26·469	26·377	·092	26·416	0	26·360	77·6	61·3	16·3	82·1	55·7	26·4	73·3	72·3	69·0	+2·5	56·1	61·8	61·8
	Ootacamund	*7,397*	23·089	23·016	·071	23·050		22·987	65·1	48·7	16·4	70·7	41·2	29·5	61·4	59·9	56·4		45·4	52·6	53·7
	Kodaikanal	7,688	22·860	22·794	·066	22·827		22·762	61·5	49·6	11·9	67·8	45·6	22·2	58·9	57·1	55·6		45·3	53·5	54·6
	Dodabetta	8,589?	·098	·034	·064	·063		·000	57·8	46·6	11·2	63·7	43·7	20·0	54·6	53·8	51·7		40·7	48·9	50·3
	Extra India.																				
	Minicoy	7	29·964	29·899	·065	29·923															
	Zanzibar	72	·963	·846	·117	·910	−·009	29·907	84·1	76·8	7·3	87·4	73·9	13·5	81·1	83·0	79·4	0	72·8	76·4	76·3
	Diego Garcia								Observations not received.												
	Seychelles	15	·956	·873	·083	·928	+·014†	·886	83·8	77·4	6·4	86·3	72·5	13·8	81·5	82·1	79·2	−1·6†	71·1	75·9	76·1
	Mauritius	181							Observations not received.												

N.B.—Elevations in italics indicate barometric determinations.

NOTE.—The barometric readings are not reduced to sea-level, in the cases of hill or plateau stations, the elevations of which exceed 3,200 feet.

‖ Mean of 29 days.
‡ Observations of 3 days.
§ " " 24 "

—concluded.

India, etc., in November, 1911—concluded.

Vapour tension in inches of mercury.					Humidity.					Cloud.				Wind direction.											Wind steadiness.		Wind velocity.		Rainfall.		Station.
														Total number of 10 hrs. and 16 hrs. winds from																	
From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	Mean 10 hrs.	Mean 16 hrs.	Mean of two previous columns.	Departure from normal.	Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Mean wind direction.	Normal mean wind direction of month.	Average percentage.	Normal percentage.	Mean velocity in miles per diem.	Normal.	Total rainfall for the month.	Heaviest rainfall during the month.	
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	54	55
																															Hill Stations, excluding Kashmir and Baluchistan.
143‖	·166	·197	·169	—·002	59‖	52	64	62	+11	4·0	5·6	4·8	+2·5																2·71	1·16	Simla.
	·189	·198				73	77			4·1	5·6	4·9		37	1	1	1		11	8	1		S 16° W		27		26		5·26	2·52	Sarain.
	·144	·100				67	77			8·3	10·0	9·1																	0·04	0·04	Kalabagh.
166	·220	·225	·204	+·008	70	59	71	71	+14	3·9	3·9	3·9	+2·1	4	11	2	2	15	21	2	1	2	S 28° E	S 51° W	37	30	115	130	5·80	3·31	Chakrata.
127	·198	·231	·185		58	60	66	65		4·6	5·4	5·0		35			6	4		3	11	1	S 53° W		13		128		2·37	1·03	Mukteswar.
·251	·348	·331	·310	—·026	87	80	52	77	+ 2	3·5	3·7	3·6	+1·0	59							1		W	N 81° W	2	42	12*	14	1·61	1·07	Katmandu.
225	·271	·272	·256	—·008	91	80	84	89	+ 6	6·2	7·4	6·8	+2·5	42		4			2	1	10	1	N 85° W	N 54° W	13	10	22	65	0·40	0·16	Darjiling.
395	·460‖	·449‖	·435	+·127	86	73‖	65‖	82	+21	2·6	1·8	2·2	+0·1	9	4	2	8	12	4	8	13		S 4° W	N 44° E	20	39	†† 78	67	3·62	1·30	Pachmarhi.
								No	observ	ations		avai	lable f	rom	1st	Nov	emb	er.													Mount Abu.
389	·421	·429	·413	+·060	72	54	56	68	+ 8	3·5	5·0	4·3	+2·1	17	1	1		8	7	7		7	S 18° W	N 6° W	23	21	94	120	1·15	0·71	Chikalda.
275	·306	·350	·310		79	58	69	69		6·1	6·9	6·5		4	3	3	14	18	10	4	1	3	S 51° E		48		100		7·50	2·25	Ootacamund.
272	·360	·403	·345		75	73	87	78		5·6	7·8	6·7			4	12	19	14	4	1	1	5	N 88° E		52		384*		11·30	3·17	Kodaikanal.
197	·288	·330	·272		61	69	80	70		6·8	7·9	7·3		1	4	11	20	13	6	2	2	1	S 83° E		35		438		7·45	1·73	Dodabetta.
																															Extra India.
										5·8	5·7	5·7			12	16	10	3		3	10	6	N 17° E		40		133		10·87	2·90	Minicoy.
·752	·841	·814	·820	—·024	81	80	73	80	— 2	6·3	5·0	5·7	+0·3	6	7	10	1	8	13	6	7	2	S 8° E	S 36° E	13	17	99	110	6·26	1·10	Zanzibar.
													Obse	rvat	ions	not	rec	eive	d.												Diego Garcia.
·878	·824	·830	·802	—·034	72	77	75	78	— 5	6·3	6·5	6·4	†−0·5	8	7	3	3	4	12	4	5	13	S 83° W	S 56° E	15	14	140*	127	12·01	3·22	Seychelles.
													Obse	rvat	ions	not	rec	eive	d.												Mauritius.

* Uncorrected for scale error.

† Departure from old normal.
†† Mean of 27 days.

Table B.—Abstract of observations taken at 8 hrs. at 242 stations in India, etc., in November 1911.

(1) Provincial means.

(2) Data of stations.

(1) Provincial means based on the material in Table B (2) except that the statement of rainfall depends on the complete data of about 2,000 stations.

	Pressure departure from normal.	Temperature of air.								Wind.		Hygrometry.				Cloud.		Rainfall.		
		Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Absolute range during month.	Departure of velocity from normal.	Departure of steadiness from normal.	Mean humidity.	Departure from normal.	Mean vapour tension.	Departure from normal.	Mean cloud amount.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.
ma	+·017	86·8	+0·4	68·0	−1·0	77·4	−0·3	18·8	26·1	−0·7	−7	85	+1	·695	−·005	2·9	−1·2	0·19	1·40	−1·21
tern Bengal and Assam	+·026	80·1	−1·6	62·9	−0·4	71·5	−1·0	17·3	28·2	−0·7	−15	86	−1	·591	−·033	3·0	+0·5	0·70	0·83	−0·13
gal	+·024	81·2	−0·8	63·1	+1·8	72·2	+0·5	18·1	30·4	+0·1	−7	82	+3	·575	+·033	3·1	+1·7	0·68	0·52	+0·16
ted Provinces of Agra and Oudh	+·023	76·7	−5·5	55·2	+0·7	66·0	−2·4	21·5	39·7	+0·1	−7	78	+7	·436	+·025	2·7	+1·6	1·69	0·13	+1·56
jab	+·030	74·9	−7·3	49·8	−0·3	62·4	−3·8	25·1	45·8	+0·2	+1	73	+11	·326	+·029	2·3	+0·8	1·09	0·12	+0·97
th-West Frontier Province	+·014	72·7	−6·9	45·9	−0·1	59·3	−3·5	26·8	47·3	−0·1	+5	77	+12	·297	+·027	2·7	+0·5	0·95	0·47	+0·48
d	+·029	83·4	−2·8	59·1	+0·3	71·3	−1·3	24·3	48·1	+0·6	+8	55	+1	·366	+·004	1·7	+0·2	0·05	0·09	−0·04
putana	+·002	81·2	−4·5	56·3	+0·4	68·8	−2·0	24·9	47·5	−0·1	−2	57	+7	·337	+·025	2·4	+0·9	0·72	0·19	+0·53
nbay	−·014	88·9	+1·0	67·3	+3·0	78·1	+2·0	21·7	34·8	+0·6	+3	60	−1	·523	+·020	3·4	+2·0	0·90	0·69	+0·21
tral India	+·001	79·9	−2·8	58·3	+4·2	69·1	+0·7	21·7	39·6	+0·2	0	70	+11	·436	+·067	4·2	+3·1	1·31	0·24	+1·07
tral Provinces	−·009	83·5	0	62·9	+5·2	73·2	+2·6	20·6	34·1	+0·7	−5	71	+7	·507	+·087	4·3	+2·7	1·91	0·49	+1·42
derabad	−·012	88·1	+2·6	66·4	+3·9	77·2	+3·3	21·7	31·0	−0·3	+5	67	+2	·560	+·037	4·5	+1·3	0·74	1·03	−0·29
sore	−·003	82·5	+1·6	63·5	+1·0	73·0	+1·3	19·1	25·8	+1·8	−8	77	+2	·571	+·014	5·1	+0·3	1·42	2·11	−0·69
dras	+·005	86·6	+0·6	71·9	+0·8	79·2	+0·7	14·7	22·5	+1·0	+4	81	+2	·757	+·025	5·1	+0·8	5·59	4·99	+0·60

Tab

(2) *Abstract of observations taken at 8 hrs. at 242 stati*

Number of sub-division.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	I.—Burma.																					
2	Victoria Point	97	29·822		29·818	29·886	2nd, 3rd & 9th.	29·731	21st	·155	79·9	89·1		75·3		82·2		13·8	94·7	10th	73·2	4th
	Mergui	65	29·907	+·005	29·902	29·971	3rd	29·802	21st	·169	78·6	89·5	+2·1	71·8	+2·1	80·7	+2·1	17·7	91·9	25th	68·9	15th
	Tavoy	19	29·968	—·003	29·920	30·034	9th	29·874	21st	·160	77·8	90·4	+2·5	72·1	+3·6	81·3	+3·1	18·3	92·0	2nd, 4th & 24th.	67·3	16th
	Moulmein	94	29·913	+·027	29·945	29·972	9th	29·831	24th	·141	76·0	90·6	+2·2	72·3	+1·2	81·5	+1·7	18·3	92·5	28th&29th	68·8	18th
	Rangoon	18	29·993	+·025	29·949	30·054	9th	29·911	21st	·143	76·1	89·3	+1·7	72·5	+0·2	80·9	+0·9	16·8	92·6	30th	68·4	14th
	Bassein	27?	29·981	+·031	29·945	30·042	9th	29·895	24th	·147	74·9	87·0	+0·8	70·0	—1·5	78·5	—0·3	17·0	89·2	30th	66·4	23rd
	Diamond Island	41	29·964	+·032	29·940	30·028	9th	29·884	21st	·144	80·9	85·9	+0·4	73·3	—1·9	79·5	—0·7	12·6	87·9	2nd, 3rd & 30th.	71·2	22nd
	Toungoo	164	29·854	+·031	29·965	29·915	9th	29·763	24th	·152	71·1	86·5	—0·8	65·7	—4·3	76·1	—2·5	20·8	88·5	4 days	60·9	14th
	Kyaukpyu	18	29·989		29·947	30·053	10th	29·901	24th	·152	75·7	83·8		69·4		76·6		14·4	87·0	19th	65·4	15th, 16th & 22nd.
	Akyab	20	30·007	+·037	29·968	30·077	9th	29·923	24th	·154	71·5	84·5	—0·6	68·1	—3·3	76·3	—1·9	16·4	86·9	2nd	65·0	6th
3	Thayetmyo	121	29·893	+·020	29·958	29·967	11th	29·809	24th	·158	72·5	87·0	—1·0	64·0	—3·3	75·5	—2·1	23·0	89·9	29th	59·4	22nd&23rd
	Minbu	*165*	29·851	—·016	29·963	29·923	9th	29·765	24th	·158	72·4	87·3	—1·3	65·6	—2·5	76·4	—1·9	21·7	91·3	27th	61·0	12th
	Yamethin	657	29·329	—·030?	29·951	29·391	10th	29·235	24th	·156	70·8	88·4	—0·4	64·3	—2·7	76·3	—1·5	24·1	91·8	30th	60·0	13th
	Mandalay	250	29·764	+·008	29·968	29·830	9th	29·672	24th	·158	72·5	91·0	+4·3?	65·9	—1·3	78·4	+1·5?	25·1	94·0	4th	61·1	22nd
	Monywa	*280*	29·758		29·994	29·827	9th	29·680	26th	·147	71·5	85·9		67·1		76·5		18·8	89·8	4th	62·6	19th&21st
	Lashio	*2,820*	27·235	—·002	30·039	27·296	19th	27·141	24th	·155	60·1	76·2	—0·9						80·3	2nd, 3rd & 4th.		
	Bhamo	*381*	29·669	+·018	30·018	29·735	9th	29·584	24th	·151	65·1	81·2	—0·6	59·1	—0·1	70·1	—0·3	22·1	89·9	2nd	54·1	18th
	Myitkyina	458	29·570		30·005	29·638	9th	29·492	24th	·146	64·1	78·8		59·4		69·1		19·4	83·2	3rd	55·5	30th
	II.—Eastern Bengal and Assam.																					
4	Dibrugarh	353	29·710		30·039	29·754	16th	29·629	21st	·125	63·3	75·3		62·1		68·7		13·2	86·9	2nd	54·6	24th
	Sibsagar	333	29·745	+·015	30·052	29·795	10th	29·661	21st	·134	63·1	74·1	—4·2	59·8	+0·2	67·0	—2·0	14·3	81·1	4th	54·0	24th & 29th.
	Tezpur	252	29·832		30·053	29·874	9th	29·747	21st & 24th.	·127	65·1	78·6		63·5		71·1		15·1	85·1	6th	59·9	29th
	Gauhati	195	29·891		30·049	29·929	17th	29·824	26th	·105	65·5	78·7		59·7		69·2		19·0	83·8	1st, 3rd & 4th.	54·1	28th & 29th.
	Dhubri	115	29·945	+·026	30·019	30·000	2nd	29·855	24th	·145	67·0	77·1	—2·7	63·3	—0·2	70·2	—1·5	13·8	81·5	1st	57·1	28th, 29th & 30th.
	Silchar	104	29·927	+·008	29·987	29·976	10th	29·855	24th	·121	67·1	82·9	—1·9	62·3	—1·3	72·6	—1·6	20·6	86·3	4 days	54·8	30th
5	Cox's Bazar	36	29·990		29·972	30·056	9th	29·907	24th	·149	72·2	84·2		65·0		74·6		19·2	87·2	16th	60·7	6th
	Chittagong	87	29·954	+·038	29·989	30·016	9th	29·859	24th	·157	69·3	82·5	—0·5	63·4	—2·4	73·0	—1·5	19·1	86·5	1st	57·0	30th
	Noakhali	43	30·002		29·998	30·072	3rd	29·927	24th	·145	66·6	81·5		63·4		72·5		18·1	84·3	1st	56·9	30th
	Barisal	12	30·037	+·047	29·996	30·084	2nd	29·966	24th	·118	73·3	82·1	—0·7	65·7	+0·7	73·9	0	16·4	85·3	16th	62·1	6th
	Comilla	36	30·014		29·988	30·074	3rd	29·936	24th	·138	71·1	83·0§		64·3§		73·6§		18·7	87·3	1st	57·3	30th
	Narayanganj	26	30·010	+·028	29·985	30·055	3rd	29·933	24th	·122	71·5	82·0	—1·5	66·1	+0·1	74·1	—0·7	15·9	86·0	1st	60·3	29th
	Faridpur	46	30·006		30·003	30·054	2nd	29·932	24th	·122	71·3	80·8		64·8		72·8		16·0	84·3	1st	59·4	29th
	Sirajganj	49	30·001		30·001	30·048	3rd	29·923	24th	·125	68·3	79·8		64·5		72·2		15·3	85·4	12th	58·8	30th
	Mymensingh	62	29·995	+·038	30·011	30·043	29th	29·920	24th	·123	69·7	81·2	—0·3	64·1	+0·4	72·6	+0·1	17·1	85·1	2nd	54·1	30th
	Bogra	75	29·978	+·032	30·007	30·024	3rd	29·892	24th	·132	68·4	81·0	—1·0	62·7	+0·3	71·9	—0·3	18·3	84·7	1st & 8th	54·2	30th
	Rampur Boalia	70	29·998†		30·019†	30·040	2nd & 9th,	29·911	24th	·129	69·7	80·4		64·4		72·4		16·0	84·1	1st & 2nd	58·1	29th
	Malda	72	29·987		30·013	30·036	3rd & 28th.	29·912	13th	·124	69·2	79·2		62·2		70·7		17·0	84·3	1st	55·5	29th
	Dinajpur	123	29·917	+·015	29·999	29·964	3rd	29·835	24th	·129	65·3	79·9	—2·5	59·9	—1·1	69·9	—1·8	20·0	84·3	1st & 2nd	50·0	30th
	Rangpur	123	29·921‡		30·019‡	29·992	3rd	29·838	24th	·154	67·0	79·7		60·7		70·2		19·0	83·6	1st, 2nd & 3rd.	51·0	29th

N. B.—Elevations in italics indicate barometrical determinations.

† Mean of 28 days.

NOTE.—The barometric readings are not reduced to sea-level, in the case of hill or

B.

n India, etc., in November, 1911.

Wind direction. Number of winds from Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Resultant direction.	Normal direction.	Wind velocity. Mean velocity, miles per hour.	Normal.	Departure from normal.	Wind steadiness. Actual percentage.	Departure from normal.	Hygrometry, 8 hrs. Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs. in inches of mercury.	Departure from normal in inches of mercury.	Cloud. Mean cloud amount at 8 hrs.	Departure from normal.	Rainfall. Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st May to 30th Nov., 1911.	Normal rainfall for period, 1st May to 30th Nov.	Departure from normal of period, 1st May to 30th Nov., 1911.	Heaviest rainfall during month.	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	54	55	56	57
																																I.—Burma.
	8	13	2	2		1		4	N 27° E		5·3*			66		84		·854		6·3		9			2·40			142·06			0·44	Victoria P
22	3	3					2		N 1° E	N 29° E	4·2	1·6	+2·6	17	−35	83	+ 5	·825	+·075	2·0	−2·3	5	5·60	−0·60	2·10	3·46	− 1·36	163·17	150·94	+12·23	0·67	Mergui.
30									(a)	N 29° E	1·2*	1·2	0			86	+ 5	·821	+·083	0·8	−3·2	0	3·90	−3·90	0	2·63	− 2·63	215·88	210·14	+ 5·74	0	Tavoy.
1		12	17						N 72° E	N 4° E	4·0	2·4	+1·6	86	+64	88	+ 5	·791	+·041	3·6	−0·1	0	2·50	−2·50	0·01	2·19	− 2·18	191·77	184·02	+ 7·75	0·01	Moulmei
1	9	17	2					1	N 32° E	N 68° E	2·0	3·9	−1·9	82	−22	82	− 5	·744	−·024	4·0	+0·8	0	2·80	−2·80	0·03	2·38	− 2·35	103·16	95·16	+ 8·00	0·03	Rangoon
23	4	3							N 19° E	N 56° E	3·0	3·6	−0·6	20	−39	86	0	·754	−·010	1·0	−2·4	0	3·80	−3·80	0	3·14	− 3·14	89·19	107·58	−18·39	0	Bassein.
	2	25	2					1	N 43° E	N 53° E	7·7	9·2	−1·5	92	+19	76	− 2	·810	+·020	3·3	−0·8	0	7·10	−7·10	0	4·71	− 4·71	124·01	114·22	+ 9·79	0	Diamond Island.
7	11	6		1				5	N 4° E	N 12° W	1·1	1·7	−0·6	59	+ 7	86	− 2	·656	−·077	2·7	−1·3	0	2·00	−2·00	0·07	1·74	− 1·67	78·98	79·34	− 0·36	0·01	Toungoo.
3		10	6	9	2				S 86° E		2·8*			62		84		·755		1·6		0			0			156·17			0	Kyaukpy
2	17	11							N 17° E	N 26° E	2·5	2·3	+0·2	89	+ 5	88	− 1	·683	−·062	2·7	−1·0	0	2·80	−2·80	0	3·98	−3·98	192·70	188·24	+ 4·46	0	Akyab.
25	2	3							N 28° E	N 4° E	1·0*	3·6	−2·6	17	−38	83	+ 5	·668	+·003	3·4	+0·8	0	2·40	−2·40	0	1·67	− 1·67	32·70	35·97	− 3·27	0	Thayetm
7				1	1			4	17 N 56° W	N 48° W	2·5	7·1	−4·6	59	−17	79	+ 3	·629	−·024	1·8	−0·8	0	1·30	−1·30	0	1·81	− 1·81	30·75	32·37	− 1·62	0	Minbu.
25	1			1	1			2	N 45° W	N 18° W	1·3	3·0	−1·7	3	−45	85	+ 1	·636	−·039	1·1	−1·0	0	2·60	−2·60	0	1·57	− 1·57	29·00	35·74	− 6·74	0	Yamethin
7	1	5	1	6	1	5	2	2	S 34° E	N 11° E	3·0	2·0	+1·0	13	− 7	80	− 5	·627	−·050	1·8	−2·0	0	2·90	−2·90	0	1·72	− 1·72	36·32	31·20	+ 5·12	0	Maudalay
7	18	1						4	N 5° W		1·7			69		88		·682		4·1		0	2·10	−2·10	0	2·41	− 2·41	31·38	30·30	+ 1·08	0	Monywa.
25		3	1				1		N 45° E		1·8*			10		91	0	·472	−·010	4·6	−2·3	2			1·03	2·42	− 1·39	57·15	58·30	− 1·15	0·74	Lashio.
25	1	3	1						N 45° E	N 23° E	1·1	1·7	−0·6	13	−26	93	+ 3	·581	+·013	4·1	−0·1	3	2·00	+1·00	0·42	1·64	− 1·22	79·24	67·68	+11·56	0·18	Bhamo.
18		5	6					1	N 64° E		1·0			33		88		·524		3·6		2			0·54	1·25	− 0·71	87·86	71·83	+16·03	0·31	Myitkyina
																																II.—Eastern Ben and Assam.
30									(a)		0·2					95		·545		3·1		5	1·50	+3·50	2·20	1·31	+ 0·89	101·92	86·28	+15·64	0·70	Dibrugarh
17	2	7		1		3			N 40° E	N 60° E	1·3	1·5	−0·2	17	−10	95	− 3	·550	−·026	8·2	+3·0	5	2·00	+3·00	3·22	1·07	+ 2·15	80·96	77·46	+ 3·50	1·45	Sibsagar.
6	3	17	4						N 47° E		2·7			72		89		·548		3·6		2	1·20	+0·80	0·40	0·96	− 0·56	84·44	59·41	+25·03	0·20	Tezpur.
30									(a)		1·5					90		·567		6·9		1	0·80	+0·20	0·84	0·31	+ 0·53	61·79	52·68	+ 9·11	0·77	Gauhati.
8		8	13		1				N 76° E	N 65° E	4·4	5·1	−0·7	62	−15	86	− 2	·575	−·017	2·8	+0·9	0	0·30	−0·30	0	0·26	− 0·26	101·16	86·80	+14·36	0	Dhubri.
27		1	2						N 75° E	N 79° E	1·0	1·7	−0·7	0	+ 2	89	+ 2	·597	−·032	2·0	−2·7	0	2·00	−2·00	0·07	1·40	− 1·33	114·90	98·80	+16·10	0·06	Silchar.
	13	10	4	3					N 36° E		3·1*			72		83		·653		3·0		0			0			133·18			0	Cox's Baz
5	2	17	6						N 52° E	N 43° E	2·2	2·7	−0·5	72	− 1	84	− 5	·604	−·077	2·4	−1·1	0	1·80	−1·80	0	1·82	− 1·82	112·97	88·68	+24·29	0	Chittagon
4	11	12				1		2	N 17° E		2·2			70		87		·628		3·0		2	1·39	+0·61	0·80	1·85	− 1·05	120·31	109·98	+10·33	0·60	Noakhali.
24	2	3	1						N 37° E	N 18° E	0·3	1·7	−1·4	17	− 8	80	− 3	·646	−·032	3·3	+1·4	2	1·32	+0·68	0·51	1·30	− 0·79	76·82	71·59	+ 5·23	0·27	Barisal.
30									(a)		0·8					84		·641		2·0		2	1·55	+0·45	0·77	1·15	− 0·38	81·05	77·73	+ 3·32	0·47	Comilla.
18	3	2	2	1		1		3	N 14° E	N 13° E	1·0	2·1	−1·1	17	−26	80	− 5	·612	−·047	3·4	+1·0	1	1·33	−0·33	0·99	0·96	+ 0·03	87·55	61·10	+26·45	0·95	Narayanga
33	6		1	2	3			5	N 11° E		1·7			17		84		·649		1·6		2	1·23	+0·77	0·85	1·23	− 0·38	71·31	61·05	+10·26	0·39	Faridpur.
9	4	2	2	2	2		3	6	N 18° W		0·9			20		89		·616		3·3		1	0·84	+0·16	0·90	0·50	+ 0·40	70·04	58·38	+11·66	0·87	Sirajganj.
29			1						E	N 58° E	0·3	1·1	−0·8	3	−30	83	− 6	·609	−·030	2·2	−0·4	0	0·90	−0·90	0·05	0·73	− 0·68	92·59	83·70	+ 8·89	0·03	Mymensing
21	6	2					1		N 3° E	N 27° E	1·1	1·4	−0·3	25	−13	84	− 1	·590	−·018	2·6	+1·5	0	0·58	−0·58	0·03	0·65	− 0·62	75·71	63·26	+12·45	0·02	Bogra.
23	3	3						1	N 9° E					20		81		·590		2·2		0	0·68	−0·68	0·11	0·45	− 0·34	50·59	49·92	+ 0·67	0·09	Rampur Boalia.
4	8	5		1	1	4	1	6	N 53° W		2·0*			17		85		·606		1·0		0	0·39	−0·39	0	0·24	− 0·24	57·00	49·37	+ 7·63	0	Malda.
3	6	6	1		1		9	4	N 29° W	N 21° E	1·7	2·2	−0·5	46	− 9	89	+ 5	·557	−·019	3·0	+1·8	0	0·19	−0·19	0	0·12	− 0·12	74·47	64·97	+ 9·50	0	Dinajpur.
8		9	3						N 56° E		0			37		85§		·561†		1·9		0	0·13	−0·13	0	0·11	− 0·11	70·12	75·16	− 5·04	0	Rangpur.

(a) Indeterminate. * Uncorrected for scale error. § Mean of 29 days.

ations, the elevations of which exceed 3,200 feet.

Ta

(2) *Abstract of observations taken at 8 hrs. at 242 sta*

Number of subdivision.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	II.—Eastern Bengal and Assam—*concld.*																					
5	Jalpaiguri	283	29·763	+·012	30·016	29·809	11th	29·679	21st	·130	64·4	80·4	−0·9	60·3	−0·4	70·3	−0·7	20·1	84·9	1st	55·4	28th
	Cooch Behar	156	29·900		30·019	29·945	2nd	29·816	24th	·129	63·7	78·3		60·7		69·5		17·6	83·3	1st & 2nd	54·6	28th
	III.—Bengal.																					
6	Saugor Island	25	30·018	+·023	29·988	30·092	3rd	29·943	24th	·149	75·7	82·2	+0·5	69·9	+2·8	76·0	+1·7	12·3	85·7	1st	64·7	6th
	Midnapore	149	29·889		29·969	29·961	2nd	29·818	24th	·143	72·3	85·0		65·8		75·4		19·2	89·3	4 days	58·7	5th & 6th
	Calcutta	21	30·028	+·024	29·997	30·097	3rd	29·947	24th	·150	71·3	83·0	+1·6	66·9	+2·3	74·9	+1·9	16·1	87·9	17th	62·5	5th
	Jessore	33	30·022	+·037	30·003	30·079	3rd	29·938	24th	·131	71·1	82·1	−1·0	64·7	+0·7	73·4	−0·1	17·4	86·0	1st	60·2	6th
	Krishnagar	47	30·0991		30·0061	30·082	3rd	29·933	24th	·149	69·5	82·5		65·0		73·8		17·5	86·4	1st, 2nd & 14th.	60·0	5th
	Burdwan	99	29·956	+·026	30·005	30·025	3rd	29·884	24th	·141	71·0	83·1	−0·1	66·3	+2·0	74·7	+0·9	16·8	87·4	4 days.	60·8	5th
	Bankura	313	29·704		29·969	29·793	3rd	29·660	24th	·133	71·5	82·5		65·8		73·9		17·2	88·6	14th	59·2	5th
	Raniganj	334	29·719		30·021	29·785	3rd	29·647	24th	·138	67·5	81·0		64·2		72·6		16·8	86·5	11th & 14th.	59·0	5th
	Berhampore	67	29·993	+·030	30·011	30·047	3rd	29·923	24th	·124	69·1	80·5	−1·5	65·7	+1·7	73·1	+0·1	14·8	84·6	1st & 2nd	59·7	28th
	Balasore	50	30·0[illegible]1	+·019	29·998	30·069	2nd	29·919	21th	150	72·0	84·7	+1·[illegible]	66·6	+3·6	75·7	+2·3	18·1	89·9	15th	59·6	6th & 7th
	False Point	21	30·019	+0·9	29·984	30·101	3rd	29·927	24th	·174	74·7	81·8	+2·4	67·4	+1·9	76·1	+2·1	17·4	86·2	4th	61·6	6th & 7th
	Cuttack	80	29·956	+·021	29·989	30·054	3rd	29·882	21th	·172	72·0	85·6	+0·5	68·3	+2·2	76·9	+1·3	17·[illegible]	89·4	15th	61·7*	6th
	Puri	24	30·016		29·979	30·101	3rd	29·923	24th	178	75·0	86·6		70·7		78·6		15·9	89·1	1st, 4th & 28th.	65·6	6th
	Angul	455	29·691		30·020	29·664	2nd & 3rd,	29·[illegible]97	24th	·167	71·9	85·1		64·8		74·7		20·3	90·1	15th	57·0	5th & 7th
	Sambalpur	486	29·560	+·012	30·009	29·657	3rd	29·456	21th	·2[illegible]7	71·3	84·2	+0·4	65·9	+3·6	75·1	+2·0	18·3	88·6	16th	56·6	7th
8	Chaibasa	*733*	29·294	+·020	30·002	29·366	2nd	29·204	24th	·162	68·3	82·3	−1·0	63·7	+4·2	73·0	+1·6	18·6	89·1	15th	55·8	5th
	Ranchi	2,128	27·891	+·095	30·000	27·971	2nd	27·801	24th	·170	65·5	75·9	−1·9	60·2	+2·6	68·1	+0·3	15·7	82·2	14th	54·9	4th
	Purulia	*816*	29·220§		30·013§	29·294	3rd	29·111	24th	·183	67·3	83·0		63·0		73·1		20·0	87·5	13th, 14th & 17th.	57·1	7th
	Hazaribagh	2,007	28·027	+·037	30·023	28·097	2nd	27·952	24th	·145	65·9	75·8	−1·5	59·3	+1·4	67·5	0·1	16·5	81·6	11th & 14th.	55·0	6th & 7th.
	Daltonganj	*730*	29·321		30·043	29·395	3rd	29·258	24th	·137	64·0	79·5		60·1		69·8		19·4	86·6	3rd & 13th	51·0	6th & 7th
9	Purnea	124	29·935	+·025	30·040	29·976	9th	29·840	26th	·136	63·7	79·2	−2·7	58·5	−0·7	68·8	−1·7	20·7	84·1	1st	48·7	30th
	Bhagalpur	160	29·895		30·013	29·959	9th	29·825	24th	134	68·4	80·7		60·9		70·8		19·8	86·2	1st	52·8	3[illegible]th
	Monghyr	155	29·915		29·996	29·964	2nd	29·830	24th	·134	69·6	79·7		61·9		70·8		17·8	85·2	1st & 2nd	53·9	30th
	Darbhanga	165	29·890	+·017	30·017	29·940	3rd	29·814	21th & 26th.	·126	66·5	79·5	−1·8	59·8	−3·2	69·1	−2·5	20·7	85·6	1st	49·2	28th
	Pusa	188	29·858		30·009	29·906	2nd & 3rd	29·788	23th	·118	64·9	79·9		58·1		69·0		21·8	85·7	1st	47·6	29th
	Muzaffarpur	177	29·895		30·037	29·948	3rd	29·82[illegible]	26th	·124	66·4	79·2		58·4		68·8		20·8	84·7	1st	49·5	29th
	Motihari	221	29·830		30·023	29·876	3rd	29·755	21th	·121	62·3	78·4§		57·2		67·5§		21·2	84·1	1st	49·8	27th
	Chapra	181	29·8[illegible]0		30·024	29·932	3rd	29·807	24th	·125	65·2	78·9		60·9		70·1		18·0	86·8	1st	52·3	29th & 30th.
	Patna	183	29·876	+·011	30·020	29·928	3rd	29·795	24th	·133	69·7	78·2	−3·5	61·6	+1·1	69·9	−1·2	16·6	84·0	1st & 2nd	52·7	29th
	Arrah	190	29·864		30·016	29·920	3rd	29·804	24th	·116	66·0	78·4		60·1		69·3		18·3	85·1	2nd	52·3	29th & 30th.
	Buxar	239	29·816		30·022	29·871	3rd	29·744	24th	·127	65·7	7[illegible]·9		60·9		70·4		19·0	87·0	3rd	51·1	30th
	Dehri	351	29·695		30·017	29·754	3rd	29·631	24th	·123	67·2	79·2		61·9		70·5		17·3	85·3	1st & 11th	54·5	29th & 30th.
	Gaya	372	29·684	+·016	30·024	29·757	3rd	29·598	24th	·159	66·9	80·2	−3·0	62·0	+2·3	71·1	−0·3	18·2	86·4	2nd & 3rd	53·2	29th
	Naya Dumka	489	29·503	+·044	30·024	29·631	3rd	29·484	24th	·147	67·2	80·1	−1·3	61·8	+2·3	70·9	+0·5	18·3	84·4	1st	58·0	4th & 6th
	IV.—United Provinces of Agra and Oudh.																					
10	Gorakhpur	257	29·790	+·020	30·017	29·858	10th	29·725	24th	·133	64·5	78·0	−3·6	56·7	−1·6	67·3	−2·6	21·3	85·1	2nd	47·8	27th
	Benares	267	29·793	+·026	30·028	29·865	3rd	29·734	24th	·131	66·4	79·7	−2·4	58·0	+1·9	68·8	−0·3	21·7	87·1	1st	48·6	30th
	Allahabad	309	29·752	+·024	30·03	29·821	3rd	29·662	12th	·159	65·8	78·8	−4·3	58·3	+3·2	68·6	−0·5	20·5	87·1	1st & 2nd	47·5	28th

N.B.—Elevations in italics indicate barometrical determinations.

* Mean of 27 days.
§ " " 29 "

NOTE.—The barometric readings are not reduced to sea-level, in the cases of hill or

—*continued.*

n India, etc., in November, 1911—continued.

Wind direction. Number of winds from Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Resultant direction.	Normal direction.	Wind velocity. Mean velocity, miles per hour.	Normal.	Departure from normal.	Wind steadiness. Actual percentage.	Departure from normal.	Hygrometry, 8 hrs. Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs. in inches of mercury.	Departure from normal in inches of mercury.	Cloud. Mean cloud amount at 8 hrs.	Departure from normal.	Rainfall. Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st May to 30th November, 1911.	Normal rainfall for period, 1st May to 30th November.	Departure from normal of period, 1st May to 30th November, 1911.	Heaviest rainfall during month.	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	54	55	56	57
																																II.—Eastern Bengal and Assam—*concld.*
5		2	1	2					E	N 20° E	1·2			13	−42	87	+ 3	·529	−·033	1·2	0	1	0·32	+ 0·68	0·47	0·10	+ 0·37	114·91	116·56	− 1·75	0·30	Jalpaiguri.
20		2	7	1					N 84° E		1·0			30		90		·533		3·2		0	0·37	− 0·37	0·16	0·08	+ 0·08	162·46	137·85	+24·61	0·08	Cooch Behar.
																																III.—Bengal.
	5	15	4			2		4	N 31° E	N 10° E	6·7	7·0	−0·3	63	− 7	91	+ 4	·753	+ ·070	4·3	+1·2	0	1·35	− 1·35	0·12	1·37	− 1·25	45·76	65·77	−20·01	0·07	Saugor Island.
3	7	8	1				2	9	N 6° W		1·5			63		76		·599		2·9		2	1·14	+ 0·86	0·43	0·69	− 0·26	47·45	52·87	− 5·42	0·28	Midnapore.
4	3	11	6			5		1	N 50° E	N	2·8†	2·5	+0·3	49	− 5	83	+ 1	·637	+ ·026	3·1	+1·3	3	0·96	+ 2·04	0·46	0·56	− 0·10	39·32	57·04	−17·72	0·20	Calcutta.
11	7	8	2	1	1				N 37° E	N 6° W	1·9	1·6	+ 0·3	46	+20	81	− 5	·620	−·027	2·6	+0·6	2	1·10	+ 0·90	0·68	1·12	− 0·44	46·55	58·47	−11·92	0·34	Jessore.
23	3	2	1					1	N 22° E		0·9			20		84		·610		2·2		3	0·81	+ 2·19	0·69	1·02	− 0·33	63·33	51·41	+11·92	0·36	Krishnagar.
15	4	7						1	N 24° E	N 5° W	0·9	1·6	−0·7	37	− 3	81	+ 6	·610	+ ·051	3·9	+1·9	2	0·81	+ 1·19	0·69	0·63	+ 0·03	42·95	52·66	− 9·71	0·31	Burdwan.
29								1	N 45° W		1·8			3		72		·543		2·3		1	0·79	+ 0·21	0·49	0·51	− 0·02	60·50	50·34	+10·16	0·40	Bankura.
28	1							1	N 45° W		0·8			3		85		·567		3·3		2	0·63	+ 1·37	0·80	0·46	+ 0·34	48·62	48·52	+ 0·10	0·65	Raniganj.
20	4	1	1	1	1			2	N 13° E	N 13° W	2·7	1·5	+1·2	13	−17	83	− 2	·590	−·015	3·7	+1·8	2	0·52	+ 1·48	0·62	0·52	+ 0·10	60·72	51·26	+ 9·46	0·44	Berhampore.
5	10	3				2		10	N 19° W	N 21° W	1·6	2·1	−0·5	62	− 5	77	− 7	·597	−·003	3·4	+0·6	0	1·48	− 1·48	0·09	0·94	− 0·85	39·56	55·41	−15·85	0·07	Balasore.
3	9			1		1	3	13	N 36° W	N 19° W	4·0	6·0	−2·0	69	−11	83	− 1	·709	+ ·011	5·3	+2·0	1	2·45	− 1·45	0·79	2·54	− 1·75	33·54	58·89	−25·35	0·79	False Point.
19	1	4	3			1	2		N 45° E	N 45° W	1·6†	1·6	0	13	− 4	81	+ 5	·644	+ ·063	4·2	+1·8	0	1·71	− 1·71	0	1·28	− 1·28	47·79	55·89	− 8·10	0	Cuttack.
	16	6	1		2			5	N 5° E		6·2			70		79		·681		4·3		1	2·45	− 1·45	0·56	2·91	− 2·35	44·58	50·72	− 6·14	0·52	Puri.
3	1	1	1	5			2	17	N 42° W		4·5			47		80		·628		3·1		0			0·04	0·13	− 0·09	42·05	42·47	− 0·42	0·02	Angul.
1	1	4	10	7	7				S 65° E	N 21° E	3·9	2·7	+1·2	66	− 9	83	+ 7	·635	+ ·084	3·9	+2·1	2	1·00	+ 1·00	0·38	0·93	− 0·55	64·10	63·46	+ 0·64	0·22	Sambalpur.
14	2	3	2			8	1		S 58° W	S 77° W	1·9	0·9	+1·0	10	−23	82	+ 1	·568	+ ·047	4·5	+2·6	2	0·81	+ 1·19	1·57	0·52	+ 1·05	39·62	47·51	− 7·89	0·74	Chaibassa.
6	4	1	3	1	1	1	7	6	N 49 W	N 63° W	3·7	3·7	0	33	+15	78	+12	·490	+ ·065	4·5	+3·0	4	0·72	+ 3·28	3·22	0·22	+ 3·00	57·03	51·73	+ 5·33	1·18	Ranchi.
16		1	1				4	8	N 53 W		1·7			33		83		·555		2·3		2	0·74	+ 1·26	0·82	0·23	+ 0·59	48·60	47·15	+ 1·45	0·63	Purulia.
16	3	1	4	2	3		3	4	N 9° E	N 71° W	4·3	4·6	−0·3	7	−17	71	+ 5	·443	+ ·025	4·4	+2·3	5	0·65	+ 4·35	2·91	0·25	+ 2·66	73·46	48·64	+24·82	1·04	Hazaribagh.
20	2	1	6		1				N 74° E		1·6			23		90		·543		4·2		4	0·68	+ 3·32	3·09	0·21	+ 2·88	51·45	38·68	+12·77	1·13	Daltonganj.
20	1	2				2	1	4	N 45° W	N 50° E	1·5	1·5	0	20	+ 9	93	+ 4	·552	−·003	2·0	+1·0	1	0·16	+ 0·84	0·26	0·10	+ 0·16	63·30	59·02	+ 4·28	0·26	Purnea.
29								1	N 45° W		0·9			3		79		·545		1·8		1	0·23	+ 0·77	0·25	0·12	+ 0·13	70·86	46·27	+24·59	0·20	Bhagalpur.
10			3	1	2		10	4	N 84° W		2·0			30		81		·587		1·4		1			0·30			69·80			0·26	Monghyr.
15	1	1	3		1	2	5	2	N 80° W	N 48° W	1·5	1·6	−0·1	13	+ 3	87	+ 5	·566	+ ·011	2·5	+1·8	1	0·10	+ 0·81	0·96	0·10	+ 0·86	49·15	48·09	+ 1·06	0·93	Darbhanga.
14		1		2	1	4	5	3	S 76° W		1·9			27		87		·537		1·4		1			0·71			51·26			0·69	Pusa.
23		1	1	1			2	2	N 45° W		2·4†			3		83		·528		1·3		1	0·37	+ 0·63	0·79	0·16	+ 0·63	44·32	47·02	− 2·70	0·75	Muzaffarpur.
14	2	3	3		1		5	2	N 11° W		1·1			17		90		·512		2·3		1	0·18	+ 0·82	0·74	0·20	+ 0·54	42·08	53·67	−11·59	0·63	Motihari.
									*							84		·535		2·6		2	0·39	+ 1·61	1·26	0·23	+ 1·03	52·75	39·75	+13·00	1·15	Chapra.
11	2	1	6		1	3	4	2	N 39° W	S 60° W	3·1	1·8	+1·3	3	−24	74	+ 3	·541	+ ·034	2·2	+0·9	1	0·32	+ 0·68	1·27	0·17	+ 1·10	50·85	44·84	+ 6·01	1·27	Patna.
23	1		1	1	1	1	1	1	N 45° W		5·9			3		85		·542		3·0		1	0·42	+ 0·58	1·69	0·16	+ 1·53	62·31	41·89	+20·42	1·61	Arrah.
3		3	3	2	5	3	8	3	S 50° W		3·8			27		79		·496		3·3		3	0·39	+ 2·61	1·27	0·41	+ 0·86	55·06	39·05	+16·01	0·64	Buxar.
7	1	1	1		6	7	2	5	S 56° W		2·7			37		80		·534		2·3		3	0·44	+ 2·56	1·39	0·35	+ 1·04	42·83	39·86	+ 2·97	0·83	Dehri.
21		3		1	3		2		S 29° E	S 7° E	2·7	2·3	+0·4	7	−23	80	+ 9	·519	+ ·054	3·2	+1·6	2	0·48	+ 1·52	0·45	0·42	+ 0·03	51·85	44·18	+ 7·67	0·23	Gaya.
30									*		0·9					79		·527		2·4		1	0·50	+ 0·50	0·29	0·29	0	64·59	55·10	+ 9·49	0·25	Naya Dumka.
																																IV.—United Provinces of Agra and Oudh.
22		1				2	5		S 83° W	N 67° W	1·3	1·0	+0·3	20	−10	83	+ 7	·502	+ ·003	2·3	+1·4	2	0·10	+ 1·90	0·96	0·15	+ 0·81	55·60	43·50	+ 7·10	0·58	Gorakhpur.
19		3	2	3		1		2	N 80° E	S 53° W	1·2	1·9	−0·7	13	− 9	82	+ 2	·533	+ ·054	3·6	+2·2	4	0·30	+ 3·70	1·72	0·30	+ 1·42	36·11	37·73	− 1·62	0·68	Benares.
13	1	6	2		1	1	4	2	N 1° E	N 82° W	1·7	2·3	−0·6	13	−12	76	+ 4	·480	+ ·023	3·9	+2·6	5	0·30	+ 4·70	1·98	0·31	+ 1·67	36·13	37·19	− 1·06	1·24	Allahabad.

stations, the elevations of which exceed 3,500 feet. † Uncorrected for scale error. * Indeterminate.

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(2) *Abstract of observations taken at 8 hrs. at 242 sta*

Number of subdivision.	Station.	Elevation of barometer above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	IV.—United Provinces of Agra and Oudh—*concld.*																					
10	Cawnpore	416	29·633	+·021	30·024	29·708	3rd	29·519	12th	·189	64·1	78·1	−6·0	56·6	+1·6	67·3	−2·2	21·5	87·2	1st	46·9	27th
	Lucknow	368	29·691	+·029	30·034	29·746	3rd	29·603	12th	·143	64·4	78·3	−5·0	56·1	+3·3	67·2	−0·9	22·2	86·5	1st & 2nd	47·1	27th & 29th.
	Bahraich	401	29·632	+·007	30·014	29·687	20th	29·566	12th	·121	62·9	77·2	−5·6	56·1	−0·5	66·7	−3·1	21·1	84·1	1st & 2nd	49·0	27th & 28th.
11	Jhansi	824	29·225	+·013	30·042	29·316	3rd	29·081	12th	·235	63·7	78·9	−6·4	57·2†	−1·7†	68·7†	−4·1	21·7	91·5	9th	45·0	27th
	Agra	556	29·496	+·013	30·038	29·567	3rd	29·384	12th	·183	63·2	78·9	−5·5	56·9	+1·0	67·9	−2·3	22·0	91·5	8th	47·0	27th & 30th.
	Mainpuri	516	29·531	+·025	30·034	29·598	3rd	29·437	12th	·161	60·0	77·7	−6·5	55·4	+1·2	66·6	−2·7	22·3	88·3	9th	46·1	28th & 30th.
	Bareilly	568	29·463	+·019	30·024	29·525	20th	29·383	12th	·142	59·6	74·9	−6·2	54·3	+1·5	64·6	−2·3	20·6	84·3	1st	45·5	28th, 29th & 30th.
	Meerut	733	29·326	+·050	30·066	29·395	20th	29·232	12th	·163	58·9	73·1	−8·2	51·0	+0·4	62·1	−3·9	22·1	82·6	8th	40·8	30th
	Roorkee	899	29·151	+·045	30·070	29·230	20th	29·076	12th	·154	57·0	72·9	−7·6	51·0	+1·2	62·0	−3·2	21·9	81·0	8th	43·4	30th
	Dehra Dun	2,233	27·777	+·012	30·056	27·846	3rd	27·705	12th	·141	55·0	70·3	−4·7	50·0	−1·8	60·2	−3·3	20·3	77·5	2nd	43·5	26th & 27th.
	V.—Punjab.																					
12	Delhi	718	29·327	+·029	30·048	29·394	3rd	29·221	12th	·173	60·2	74·4	−8·5	56·1	−0·1	65·3	−4·3	18·3	85·0	7th	47·8	29th
	Sirsa	662	29·386	+·029	30·056	29·479	20th	29·318	12th	·161	57·3	77·0	−7·9	51·1	+1·6	64·0	−3·1	25·9	88·8	6th	38·0	29th
	Patiala	*818*	29·209		30·046	29·278	3rd	29·138	12th	·140	55·6	73·3		50·6		61·9		22·7	83·4	5th	41·1	28th
	Ambala	892	29·140	+·027	30·056	29·220	20th	29·073	12th	·147	55·9	75·7	−6·6	49·5	−1·4	62·6	−4·0	26·2	85·5	1st, 6th & 7th.	39·9	28th & 30th.
	Ludhiana	812	29·231	+·037	30·062	29·314	20th	29·163	12th	·151	55·4	73·4	−7·2	51·1	+0·2	62·3	−3·5	22·3	83·5	5th	42·0	28th
	Lahore	702	29·343	+·029	30·066	29·440	20th	29·282	12th	·158	53·1	76·8	−6·8	48·5	+1·7	62·7	−2·5	28·3	87·4	6th	38·2	27th, 28th & 29th.
	Sialkot	830	29·217	+·041	30·074	29·291	20th	29·142	12th	·149	54·9	74·0	−6·9	46·9	−3·0	60·4	−4·9	27·1	82·5	4th	36·5	28th
	Rawalpindi	1,674	28·358	+·017	30·110	28·440	20th	28·283	24th	·157	49·2	69·4	−7·8	43·7	+0·4	56·6	−3·7	25·7	78·4	2nd, 4th & 5th.	34·9	26th & 28th.
13	Khushab	612	29·452	+·036	30·074	29·550	20th	29·375	4th	·175	57·1	76·6	−6·2	49·4	−0·3	63·0	−3·3	27·2	87·4	4th	37·4	28th
	Montgomery	558	29·496	+·022	30·060	29·605	20th	29·431	12th	·174	57·1	76·5	−7·7	48·5	−2·4	62·5	−5·1	28·0	88·4	6th & 8th.	36·5	27th
	Multan	420	29·658	+·033	30·069	29·765	20th	29·580	4th	·185	58·8	77·0	−7·4	52·7	+0·3	64·9	−3·5	24·3	89.3	9th	43·5	29th & 30th.
	VI.—North-West Frontier Province.																					
15	Peshawar	1,113	28·949	+·010	30·123	29·045	20th	28·855	24th	·190	48·1	72·0	−5·1	43·7	−1·4	57·8	−3·3	28·3	81·2	3rd & 4th.	34·4	26th
	D. I. Khan	590	29·483	+·018	30·087	29·583	20th	29·401	24th	·182	53·2	73·5	−8·6	48·2	+1·2	60·9	−3·7	25·3	84·4	3rd	36·6	28th
	VII.—Sind.																					
17	Jacobabad	186	29·895	+·034	30·051	30·014	20th	29·756	5th	·258	61·2	82·4	−4·4	53·0	+2·2	67·7	−1·1	29·4	95·1	5th	40·3	24th
	Hyderabad	96	29·974	+·026	30·025	30·057	20th	29·869	5th	·188	66·0	84·6	−3·4	59·4	−0·6	72·0	−2·0	25·2	96·5	6th	47·0	27th
	Karachi	13	30·067	+·026	30·031	30·152	20th	29·992	5th	·160	69·3	83·2	−0·5	65·0	−0·8	74·1	−0·7	18·2	95·0	3rd	55·0	19th
	VIII.—Rajputana.																					
18	Bikaner	*771*	29·263	+·017	30·036	29·358	3rd & 20th.	29·180	12th	·178	60·4	79·9	−4·8	54·6	−4·8P	67·2	−4·8P	25·3	93·0	6th & 7th.	45·0	4days
	Jodhpur	780	29·260	+·008	30·031	29·261	3rd	29·190	18th	·171	64·5	83·8	−6·2P	57·9	−1·5	70·9	−3·9P	25·9	93·5	6th & 8th.	47·8	26th
19	Jaipur	1,431	28·606	+·005	30·048	28·701	3rd	28·511	12th	·190	63·8	80·7	−5·1	55·7	+0·5	68·2	−2·3	25·0	92·2	8th	42·1	26th
	Sambhar	1,254	28·788	+·020	30·059	28·885	3rd	28·691	12th	·194	60·5	80·8	−3·7	53·0	+0·1	66·9	−1·8	27·8	92·4	6th, 7th & 8th.	42·9	26th, 27th & 28th.
	Ajmer	1,611	28·426	−·003	30·060	28·532	3rd	28·342	12th	·190	59·1	78·2	−5·7	56·9	+5·9P	67·5	+0·1P	21·3	89·4	6th, 7th & 8th.	45·7	27th
	Kotah	819 P	29·191	−·020	29·998	29·286	3rd	29·097	12th	·189	66·1	82·8	−5·6	59·9	−0·5	71·4	−3·1	22·9	95·1	8th	48·6	27th
	Udaipur	1,925	28·104	−·014	30·017	28·227	3rd	28·039	18th	·188	66·8	82·5	−3·5	56·2	+1·6	69·4	−0·9	26·3	91·5	8th	42·3	27th

N.B.—Elevations in italics indicate barometrical determinations.

NOTE.—The barometric readings are not reduced to sea-level, in the cases of hill or plateau stations, the elevations of which exceed 3,000 feet.

—*continued.*

India, etc., in November, 1911—continued.

Wind direction. Number of winds from N. (26)	N.E. (27)	E. (28)	S.E. (29)	S. (30)	S.W. (31)	W. (32)	N.W. (33)	Resultant direction. (34)	Normal direction. (35)	Wind velocity. Mean velocity, miles per hour. (36)	Normal. (37)	Departure from normal. (38)	Wind steadiness. Actual percentage. (39)	Departure from normal. (40)	Hygrometry, 8 hrs. Mean humidity at 8 hrs. (41)	Departure from normal. (42)	Mean vapour tension at 8 hrs. in inches of mercury. (43)	Departure from normal in inches of mercury. (44)	Cloud. Mean cloud amount at 8 hrs. (45)	Departure from normal. (46)	Rainfall. Number of rainy days. (47)	Normal number of rainy days. (48)	Departure from normal. (49)	Rainfall of month. (50)	Normal rainfall of month. (51)	Departure from normal. (52)	Total rainfall from 1st May to 30th Nov., 1911. (53)	Normal rainfall for period, 1st May to 30th Nov. (54)	Departure from normal of period, 1st May to 30th Nov. 1911. (55)	Heaviest rainfall during month. (56)	Station. (57)
																															IV.—United Provinces of Agra and Oudh—*concl.*
3	2	6			3	1	1	N 50° E	N 68° W	1·8	1·9	—0·1	17	— 2	75	+ 9	·445	+·034	1·6	+0·7	3	0·10	+2·90	3·01	0·29	+2·72	25·85	34·13	—8·28	2·33*	Cawnpore.
		2						E	N 72° W	1·9	1·4	+0·5	7	— 6	83	+12	·539	+·095†	2·2	+1·2	3	0·20	+2·80	2·56	0·10	+2·46	34·10	35·71	—1·61	1·70	Lucknow.
5	3	2	2	1	4	5	5	N 47° W	N 2° W	2·0	1·8	+0·2	27	+14	78	+ 1	·441	—·041	2·1	+1·5	2	0·30	+2·70	1·17	0·21	+0·96	48·57	41·88	+6·69	0·55	Bahraich.
1	7	2	2	3	7	2	1	S 15° E	S 81° W	2·2	1·8	+1·4	10	—13	70	+20	·411	+·065	2·4	+1·5	3	0·10	+2·90	1·18	0·11	+1·07	25·52	35·73	—10·21	0·75	Jhansi.
	2	1	2	1	1	2	1	S 22° E	N 56° W	2·7	2·7	0	3	—31	67	+ 8	·384	+·040	3·2	+2·2	2	0·10	+1·90	2·35	0·07	+2·28	18·66	25·57	—6·91	1·81	Agra.
4	2	4	2	2	3	3	3	N 11° W	N 60° W	1·5	0·8	+0·7	7	—12	79	+10	·409	+·035	0·9	—0·5	2	0·10	+1·90	2·09	0·15	+1·94	22·54	25·04	—2·50	1·15	Mainpuri.
		1			1			S 23° E	N 7° E	0·6	1·2	—0·6	2	— 7	80	+ 3	·408	—·001	3·2	+2·4	3	0·27	+2·73	1·57	0·23	+1·34	26·71	41·85	—15·14	0·80	Bareilly.
1	2	1	2	1	1	4	8	N 53° W	S 88° W	1·4	1·1	+0·3	27	+10	76	+ 6	·382	+·056	2·6	+1·7	3	0·20	+2·80	1·28	0·12	+1·16	18·50	28·80	—10·30	0·49	Meerut.
			1					S 45° E	S 81° E	1·0	1·1	—0·1	3	+ 1	85	+ 8	·394	+·036	3·3	+2·2	2	0·50	+1·50	2·92	0·22	+2·70	34·89	37·40	—2·51	2·29	Roorkee.
								(a)	S 53° W	1·3*	1·3	0			78	+ 7	·337	—·001	3·4	+1·5	3	0·60	+2·40	4·55	0·30	+4·25	62·76	78·07	—15·31	3·10	Dehra Dun.
																															V.—Punjab.
1	1	4	2		1	9	3	N 73° W	N 89° W	2·3	2·1	+0·2	23	—15	73	+21	·378	+·091	2·7	+1·3	3	0·30	+2·70	1·23	0·10	+1·13	20·62	24·46	—3·84	0·75	Delhi.
3	5			1	1	2	1	N 1° E	S 18° W	3·7	2·7	+1·0	18	+ 7	67	+ 8	·320	+·032	2·1	+0·3	1	0·10	+0·90	0·16	0·01	+0·15	2·30	11·88	—8·58	0·12	Sirsa.
2	1	3	5			4	9	N31°W		4·1			20		78		·345		2·1		2			1·47	0·08	+1·39	11·42	20·85	—9·43	0·99	Patiala.
8	3	2	3			1	4	N 13° E	N 34° W	2·0	1·4	+0·6	37	+29	80	+ 5	·355	0	3·0	+1·9	2	0·30	+1·70	1·37	0·25	+1·12	14·76	21·53	—6·77	0·88	Ambala.
								(a)	S 27° W	0·2	1·0	—0·8			75	+11	·333	+·023	1·8	—0·3	3	0·20	+2·80	1·53	0·08	+1·45	11·78	23·40	—11·62	0·61	Ludhiana.
3		3			1	2		N 8° E	N 5° W	1·3	1·3	0	8	+ 7	79	+12	·327	+·014	2·5	+1·0	1	0·20	+0·80	0·60	0·05	+0·55	8·49	15·98	—7·49	0·46	Lahore.
4	2	1				1		N 15° E	N 42° E	0·7	0·8	—0·1	17	+ 2	86	+21	·366	+·062	1·8	+0·3	2	0·30	+1·70	1·07	0·08	+0·99	14·97	24·79	—9·82	0·77	Sialkot.
2	1			1	2	1		N 79° W	N 50° W	2·0	1·2	+0·8	6	— 5	80	+15	·286	+·028	2·6	+0·5	3	0·80	+2·20	2·05	0·23	+1·82	16·65	24·45	—7·80	1·50	Rawalpindi.
	3	2	1	2	2	1	1	S 52° E	N 38° E	2·9	2·7	+0·2	7	—15	58	+10	·278	+·052	3·1	+1·8	2	0·30	+1·70	0·62	0·05	+0·57	7·08	10·43	—3·35	0·49	Khushab.
	5	6	2		1	1	1	N 76° E	S 72° E	3·7	2·9	+0·8	30	+ 8	58	+ 5	·274	—·012	2·1	+0·3	1	0·20	+0·80	0·27	0·06	+0·21	4·70	8·28	—3·58	0·27	Montgomery.
2	2	1	1					N 49° E	N 72° E	0·9	1·2	—0·3	13	—10	64	+ 2	·323	—·001	2·0	+0·8	1	0·10	+0·90	0·20	0·08	+0·12	3·01	5·11	—2·10	0·29	Multan.
																															VI.—North-West Frontier Province.
1	1		1	5	2	3		S 29° W	S 31° W	1·5	2·0	—0·5	20	0	74	+ 9	·260	—·001	2·4	—0·3	2	0·90	+1·10	0·53	0·32	+0·21	2·12	5·94	—3·82	0·42	Peshawar.
1	5		1		2	1	2	N 6° E	N 9° E	1·0	0·8	+0·2	13	+ 9	80	+15	·334	+·055	2·9	+1·4	2	0	+2·00	1·13	0·12	+1·01	5·29	6·21	—0·92	0·86	D. I. Khan.
																															VII.—Sind.
	6		1				1	N 45° E	N 18° E	2·7	1·6	+1·1	20	+ 8	57	+ 3	·320	+·023	1·2	—0·5	0	0·20	—0·20	0·10	0·08	+0·02	0·15	2·48	—2·33	0·07	Jacobabad.
10	2			1	1	1	9	N 23° W	N 10° W	5·6	6·3	—0·7	59	+18	48	— 2	·323	—·017	2·1	+0·4	0	0·20	—0·20	0·01	0·08	—0·07	0·03	6·32	—6·29	0·01	Hyderabad.
7	14	4				3	2	N 27° E	N 49° E	9·0	7·5	+1·5	66	— 1	59	+ 3	·454	+·006	1·9	+0·6	1	0·30	+0·70	0·28	0·05	+0·23	0·49	6·24	—5·75	0·20	Karachi.
																															VIII.—Rajputana.
	1	3	3	2		1	1	S 56° E	N 76° W	2·1	3·3	—1·2	17	— 2	52	+ 4	·274	—·023	2·7	+1·2	0	0·10	—0·10	0·05	0·05	0	3·01	10·33	—7·32	0·05	Bikaner.
6	19							N34° E		4·8			76		41	+ 4	·259		2·9		0	0·20	—0·20	0·03	0·10	—0·07	4·36	12·61	—8·25	0·03	Jodhpur.
1	8	8	1			1		N 66° E	N 1° W	3·8*	2·7	+1·1	46	+21	59	+ 5	·252	+·022	2·8	+1·2	2	0·20	+1·80	0·32	0·15	+0·17	15·19	22·59	—7·40	0·16	Jaipur.
1	3							N 34° E	N 7° E	3·1	2·9	+0·2	13	— 4	68	+15	·368	+·083	2·0	+0·7	1	0·20	+0·80	1·09	0·14	+0·95	7·37	18·15	—10·78	1·06	Sambhar.
	2		1					N 72° E	N 2° W	1·4	1·7	—0·3	7	—23	66	+ 1	·347	+·018	2·0	+0·7	2	0·40	+1·60	0·65	0·16	+0·49	7·96	19·76	—11·80	0·52	Ajmer.
1	6						1	N 31° E		1·5			23		62	+15	·398		2·7		3	0·30	+2·70	0·79	0·02	+0·77	16·30	26·85	—10·55	0·47	Kotah.
8		1				2	4	N 34° W		2·0			23		54	+ 3	·359		1·7		0	0·50	—0·50	0·17	0·02	+0·15	12·84	22·73	—8·89	0·09	Udaipur.

* Uncorrected for scale error.

† Mean of 27 days.

(a) Indeterminate.

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(2) *Abstract of observations taken at 8 hrs. at 242 sta*

Number of subdivision.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs pressure reduced to 32°.	Departure from normal.	Mean 8 hrs pressure reduced to sea-level and to constant gravity, at 45° lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	IX.—Bombay.																					
20	Deesa	466	29·551	—·011	29·983	29·665	3rd	29·468	17th	·197	70·9	91·9	+0·4	61·3	+3·6	76·6	+2·0	30·6	99·3	2nd	49·9	27th
	Bhuj	395	29·637	+·009	29·996	29·719	3rd	29·594	18th	·125	70·2	87·6	—1·6	63·6	+0·9	75·6	—0·3	24·0	96·5	5th	52·5	27th
	Jamnagar	61	29·981		29·983	30·016	2nd	29·928	17th	·118	77·3	88·2		65·0		76·6		23·2	93·7	4th	54·5	27th
	Dwarka	37?	30·050	—·009	29·983	30·085	3rd	29·939	17th	·146	74·5	84·9	—1·7	67·9†	—0·4†	76·6†	—1·1	17·0	96·8	3rd	58·2	22nd
	Rajkot	423	29·588	+·003	29·977	29·633	3rd	29·526	17th	·177	72·5	91·0	+0·6	62·6	+3·3	76·8	+1·9	28·4	93·1	4th & 5th.	51·5	28th
	Veraval	18	29·976	—·017	29·930	30·077	3rd	29·897	23rd & 25th.	·180	76·7	83·7	+0·4	68·5	+0·8	78·6	+0·6	20·2	95·8	6th	62·0	16th
	Bhavnagar Para	55	29·962	—·033	29·961	30·075	3rd	29·869	23rd	·206	71·0	91·1	+1·2	66·9	+2·8	79·0	+2·0	24·2	97·0	3rd & 4th.	57·5	20th
	Surat	39	29·961	—·015	29·941	30·068	1st	29·847	23rd	·221	75·8	93·8	+3·2	68·4	+5·6	81·1	+4·4	25·4	99·9	4th	62·1	20th
	Ahmadabad	163	29·844	—·021	29·900	29·954	3rd	29·772	17th	·182	73·7	93·3	+1·9	65·6	—0·1	79·5	+0·9	27·7	99·6	4th & 5th.	58·7	21st
26	Bombay	37	29·939	—·023	29·916	30·054	3rd	29·793	24th	·261	78·1	88·0	+1·1	75·6	+2·3	81·8	+1·7	12·4	92·5	2nd	72·5	20th
	Ratnagiri	116	29·842	—·016	29·891	29·962	3rd	29·685	24th	·277	80·0	91·1	+0·6	72·6	+2·6	81·8	+1·6	18·5	97·3	3rd	66·4	9th
	Goa	199	P	P	P	P	P	P	P	P	77·7	87·7	+0·3	74·3	+2·1	81·0	+1·2	13·4	92·1	7th & 8th.	70·1	12th & 13th.
	Marmagao	60	29·899	—·026	29·894	30·021	3rd	29·719	21th	·302	76·9	86·3	—0·7	73·5	+0·7	79·9	0	12·8	90·5	7th	70·7	5 days
	Karwar	41	29·912	—·014	29·891	30·034	3rd	29·720	24th	·314	74·7	87·6	+0·2	70·9	+1·5	79·2	+0·9	16·7	91·7	15th	66·0	9th
27	Malegaon	1,436	28·570	—·016	29·906	28·686	3rd	28·460	23rd	·226	72·8	88·8	+1·7	64·6	+7·5	76·7	+4·6	24·2	96·4	12th	53·6	5th
	Ahmednagar	2,154	27·848	—·018	29·920	27·975	3rd	27·722	23rd	·253	74·1	87·5	+2·2	63·3	+7·1	75·4	+4·7	24·2	91·6	5th	58·5	9th
	Poona	1,846	28·138	—·025	29·941	28·249	3rd	28·004	24th	·245	70·3	88·4	+2·1	64·6	+5·3	76·5	+3·7	23·8	93·0	6th	56·3	16th
	Sholapur	1,500	28·402	—·004	29·941	28·528	3rd	28·260	24th	·268	74·5	89·8	+2·3	66·5	+4·2	78·2	+3·3	23·3	93·8	7th	60·1	11th
	Bijapur	1,948	28·034	—·020	29·819	28·113	3rd	27·839	24th	·274	73·8	83·6	+3·0	66·4	+5·4	77·5	+4·2	22·2	91·7	1st, 2nd & 4th.	61·3	7th
	Belgaum	2,539	27·436	—·003	29·287	27·545	3rd	27·291	23rd & 24th.	·254	72·1	84·0	+1·9	63·1	+2·0	73·5	+1·9	20·9	83·3	5th	59·0	8th
	X.—Central India.																					
21	Neemuch	1,624	28·381	—·013	30·011	28·508	3rd	28·319	12th	·189	64·7	82·7	—1·8	56·2	+1·3	69·4	—0·3	26·5	90·9	8th	46·0	27th
	Indore	1,823	28·182	—·007	29·952	28·312	3rd	28·095	24th	·217	63·9	81·9	—1·3	60·0	+5·9	71·0	+2·3	21·9	89·6	9th & 12th.	55·1	4th & 30th
22	Nowgong	754	29·297	+·017	30·040	29·394	3rd	29·157	12th	·237	63·9	77·0	—5·3	57·7	+4·5	67·3	—0·4	19·3	86·0	9th & 13th.	45·0	27th
	Sutna	1,041	28·886	+·005	30·019	29·080	3rd	28·874	12th	·256	65·4	78·2	—2·9	59·1	+5·2	68·6	+1·1	19·1	87·3	13th	49·3	28th
	XI.—Central Provinces.																					
23	Buldana	2,132	27·752		29·828	27·880	3rd	27·635	24th	·245	72·8	84·0		64·9		74·5		19·1	89·8	13th	61·6	4 days
	Akola	930	29·072	—·018	29·865	29·191	3rd	28·934	24th	·227	74·2	89·2	+2·2	65·1	+7·7	77·1	+4·9	24·1	96·2	15th	59·1	6th, 8th & 9th.
	Amraoti	1,215	28·786	—·020	29·910	28·834	3rd	28·669	24th	·225	73·1	85·9	+0·6	66·1	+4·5	76·5	+2·5	20·8	92·8	4 days	59·8	7th
24	Khandwa	1,044	28·961	—·014	29·980	29·077	3rd	28·857	24th	·220	70·8	83·0	+1·2	63·7	+7·5	75·8	+4·3	24·3	97·2	2nd	55·1	5th
	Hoshangabad	1,006	29·021	—·008	30·010	29·140	3rd	28·933	24th	·207	67·5	83·7	—0·6	62·4	+5·2	73·1	+2·3	21·2	90·1	12th & 16th.	54·9	30th
	Saugor	1,867	28·200	—·009	29·997	28·315	3rd	28·118	12th	·197	66·1	79·0	—3·0	59·6	+2·4	69·3	—0·3	19·4	88·8	9th	51·1	30th
	Jubbulpore	1,327	28·672	—·019	29·992	28·775	3rd	28·571	24th	·204	65·4	80·3	—1·6	60·8	+7·7	70·6	+3·1	19·5	88·3	15th	51·8	6th
	Seoni	2,033	27·989	+·006	30·005	28·097	3rd	27·877	24th	·220	67·3	79·7	—1·6	59·2	+3·8	69·4	+1·1	20·5	85·6	9th, 11th & 15th.	51·5	7th
	Nagpur	1,014	28·997	+·001	29·989	29·102	3rd	28·878	24th	·225	70·3	85·5	+0·5	63·6	+3·2	74·5	+1·9	21·9	90·6	13th	56·8	7th
25	Pendra	2,123?	27·984		29·991	28·080	3rd	27·881	24th	·199	67·0	77·6		60·3		68·9		17·3	84·3	15th & 16th.	53·7	6th
	Raipur	970	29·048	+·004	29·991	29·147	3rd	28·942	24th	·205	70·0	84·4	+1·2	65·7	+5·0	75·0	+3·1	18·7	88·7	16th & 17th.	58·6	7th
	Chanda	634	29·365	—·017	29·960	29·470	3rd	29·245	24th	·225	71·9	86·2	+1·0	64·7	+5·4	75·5	+3·2	21·5	89·5	15th	55·0	7th
	Jagdalpur	1,813	28·204		29·993	28·305	3rd	28·084	24th	·221	67·0	81·3		61·8		71·6		19·5	85·2	27th	55·1	8th & 9th

N.B.—Elevations in italics indicate barometrical determinations.

† Mean of 29 days.

NOTE.—The barometric readings are not reduced to sea-level.

3—*continued.*

India, etc., in November, 1911—continued.

Wind direction. Number of winds from N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Resultant direction.	Normal direction.	Wind velocity. Mean velocity, miles per hour.	Normal.	Departure from normal.	Wind steadiness. Actual percentage.	Departure from normal.	Hygrometry, 8 hrs. Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs., in inches of mercury.	Departure from normal, in inches of mercury.	Cloud. Mean cloud amount at 8 hrs.	Departure from normal.	Rainfall. Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st May to 30th November 1911.	Normal rainfall for period, 1st May to 30th November.	Departure from normal of period, 1st May to 30th November, 1911.	Heaviest rainfall during month.	Station.
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	54	55	56	57
																															IX.—Bombay.
9	4	4	1				8	N 6° E	N 34° W	7·7	5·5	+2·2	56	+21	39	− 2	·299	−·001	1·5	+0·3	0	0·18	−0·18	0	0·12	−0·12	4·76	23·68	−18·92	0	Deesa.
	17	6			2	4		N 42° E		12·6			63		40		·391		0		0			0	0	0	1·74	18·86	−17·12	0	Jamnagar.
11	11	2				6		N 13° E		10·7			79		59	−12	·526		2·8		0			0	0	0	2·70	13·70	−11·00	0	Dwarka.
11	8				1	5		N 36° E	N 48° E	7·7	5·1	+2·6	62	+15	42	−13	·346	−·091	2·2	+1·2	0	0·50	−0·50	0	0·23	−0·23	6·14	26·24	−20·10	0	Rajkot.
10	2		1			1		N 7° E	N 22° E	4·7	5·8	−1·1	37	−33	55	0	·508	+·030	3·0	+1·4	0	0·30	−0·30	0	0·23	−0·28	6·03	17·76	−11·73	0	Veraval.
8	6	4		1			10	N 4° E	N 60° W	4·4	6·4	−2·0	61	+8	51	−15	·432	−·054	3·6	+2·4	0	0·40	−0·40	0	0·19	−0·19	6·37	20·16	−13·79	0	Bhavnagar Para.
10	8	3	1			1		N 58° E	N 55° E	5·0	4·6	−0·7	62	+9	66	+2	·594	+·086	2·2	+0·3	0	0·40	−0·40	0	0·12	−0·12	19·37	40·85	−21·48	0	Surat.
	18	2	2		1		1	N 53° E	N 55° E	4·5	4·3	+0·2	59	−1	45	−5	·381	−·023	2·8	+1·0	0	0·30	−0·30	0	0·15	−0·15	9·29	29·35	−20·06	0	Ahmadabad.
4	9	13	4					N 71° E	N 73° E	7·4	9·6	−2·4	76	−2	79	+5	·760	+·081	4·8	+3·3	1	0·60	+0·40	0·27	0·38	−0·11	46·45	71·61	−25·16	0·27	Bombay.
1	5	19	2					N 83° E	S 78° E	7·8	7·6	+0·2	79	+16	61	+2	·618	+·043	4·0	+2·6	2	1·00	+1·00	0·91	0·46	+0·45	73·42	100·81	−27·42	0·56	Ratnagiri.
	6	21		1				N 86° E	N 69° E	5·9	3·6	+2·3	89	+3	73	+3	·680	+·012	6·2	+4·6	2			1·57	1·11	+0·46	82·03	97·88	−15·85	1·11	Goa.
	10	15	3					N 73° E	S 81° E	8·0	7·3	+0·7	79	+1	81	0	·745	+·016	5·5	+4·1	4			2·81	0·93	+1·88	75·90	92·75	−16·85	2·01	Marmagao.
1	5			1	2		1	N 27° E	N 65° E	2·1	2·8	−0·7	10	−60	80	−2	·691	+·035	4·3	+2·8	4	2·00	+1·50	3·85	1·67	+2·18	80·68	121·62	−40·94	2·10	Karwar.
5	8	2		3	1	1	4	N 22° E	N 74° W	4·4	4·8	−0·4	27	−25	59	+3	·468	+·062	3·5	+1·8	3	1·00	+2·00	2·57	0·41	+2·16	20·13	22·12	−1·99	1·79	Malegaon.
1	2		11	10	3	1	1	S 17° E	N 76° E	5·0	6·0	−1·0	59	+44	55	−9	·453	−·017	2·3	+0·5	5	1·50	+3·50	2·02	0·50	+1·52	18·59	21·00	−2·41	1·32	Ahmadnagar.
		14						E	S 76° E	8·0	6·3	+1·7	47	+20	67	+6	·490	+·062	1·7	0	4	1·70	+2·30	2·30	0·82	+1·98	15·72	26·29	−10·57	1·81	Poona.
1	1	7	19	1	1			S 57° E	S 87° E	13·4	8·4	+5·0	79	+15	63	+10	·535	+·106	4·5	+2·1	1	1·50	−0·50	0·24	0·89	−0·65	17·87	28·17	−10·30	0·21	Sholapur.
	1	9	11	5	1		1	S 56° E	S 76° E	5·0	3·0	+1·4	62	+8	74	+4	·616	+·083	4·3	+1·5	1	2·10	−1·10	0·26	0·89	−0·63	13·59	19·45	−5·86	0·26	Bijapur.
		21	6	1		2		S 77° E	S 87° E	13·2	10·8	+2·4	75	+18	68	+4	·527	+·067	5·4	+3·1	2	2·20	−0·20	0·52	1·47	−0·95	41·84	47·12	−5·28	0·36	Belgaum.
																															X.—Central India.
2	10	8	4	1				N 73° E	N 51° E	5·7	5·5	+0·2	58	+11	61	+14	·370	+·052	3·9	+3·0	0	0·50	−0·50	0·13	0·15	−0·02	20·40	27·80	−7·40	0·08	Neemuch.
	10	1	3	2	5	1	1	N 89° E	N 45° E	3·1	1·5	+1·2	16	−2	66	+9	·448	+·068	4·6	+3·5	6	0·50	+5·50	1·39	0·30	+1·09	19·83	32·05	−12·22	0·45	Indore.
4	2	8		3		2	1	N 65° E	N 53° W	1·8	1·0	+0·8	23	+10	78	+8	·463	+·063	3·6	+2·2	3	0·70	+2·30	1·83	0·33	+1·50	41·13	41·21	−0·08	0·90	Nowgong.
2	2	4	8	1	5	1	1	S 44° E	N 13° W	1·7	3·2	−1·5	27	−20	74	+11	·463	+·086	4·8	+3·7	3	0·70	+2·30	1·48	0·33	+1·15	41·56	41·78	−0·22	0·65	Sutna.
																															XI.—Central Provinces.
2	3	7	7	9	1	1		S 48° E		§ 5·8	5·0	+0·8	58		62		·479		4·2		4			2·53	0·56	+1·97	19·97	33·54	−13·57	1·45	Buldana.
11	4	7	3				3	N 78° E	N 89° E	4·3	3·5	+0·8	49	+9	59	0	·496	+·089	4·9	+3·4	4	0·80	+3·20	1·62	0·43	+1·19	29·33	31·01	−10·08	0·59	Akola.
	1	2	1					S 45° E	N 67° E	1·5	3·9	−2·4	10	−41	65	+12	·512	+·100	4·5	+3·0	7	0·60	+6·40	3·48	0·51	+2·97	21·67	32·05	−10·38	1·40	Amraoti.
1	13	6	5	1	2			N 76° E	N 74° E	5·2	2·8	+2·4	56	+31	62	+5	·454	+·081	4·8	+1·1	2	0·50	+1·50	1·95	0·39	+1·56	14·31	29·01	−14·70	1·40	Khandwa.
	11	5						N 59° E	N 66° E	3·8	2·1	+1·7	49	−11	70	+2	·469	+·063	4·5	+3·2	3	0·50	+2·50	2·32	0·43	+1·89	39·30	47·62	−8·32	1·60	Hoshangabad.
	9	6	6	2	5	1		S 74° E	S 73° E	7·0	2·7	+4·9	40	+7	68	+14	·419	+·065	5·1	+4·0	4	0·50	+3·50	2·00	0·40	+1·60	39·02	44·03	−5·01	0·84	Saugor.
4	6	1	3	7	2		1	S 73° E	S 37° E	1·6	1·6	0	17	−24	73	+5	·493	+·082	4·6	+3·4	5	0·60	+4·40	3·41	0·43	+2·98	46·65	53·08	−6·43	1·28	Jubbulpore.
8	3	3	1	4	1	2	1	N 55° E	N 36° E	4·3	2·3	+2·0	27	−16	73	+10	·482	+·070	4·5	+3·2	4	0·90	+3·10	1·30	0·53	+0·77	49·86	49·61	+0·25	0·49	Seoni.
2	8	6	4		1		1	N 70° E	N 21° E	2·5	3·7	−1·2	46	+16	71	+9	·533	+·094	4·6	+2·7	4	0·90	+3·10	3·44	0·63	+2·76	46·46	46·77	−0·31	1·45	Nagpur.
4	3	1	1	5	1		3	N 31° E		3·1			7		76		·499		4·5		5			1·85	0·20	+1·65	35·58	45·81	−10·23	0·70	Pendra.
2	6	2	5	1	2		1	N 83° E	N 40° E	2·3	3·2	−0·9	27	+4	77	+11	·562	+·097	2·8	+0·8	1	0·90	+0·10	0·21	0·42	−0·21	55·56	47·56	+8·00	0·20	Raipur.
	1						1	N 23° E	N 39° E	1·1	1·7	−0·6	2	−27	80	+7	·625	+·103	3·9	+1·8	0	1·00	−1·00	0·03	0·77	−0·74	44·77	50·77	−6·00	0·03	Chanda.
5	5	1	4	2			1	N 56° E					27		86		·571		3·2		2			1·42			65·03			0·91	Jagdalpur.

ase of hill or plateau stations, the elevations of which exceed 3,000 feet.

* Uncorrected for scale error.

§ Mean of 28 days.

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(2) *Abstract of observations taken at 8 hrs. at 242 sta*

Number of subdivision.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	XII.—Hyderabad.																					
28	Aurangabad	1,905	28·112	—·039	29·963	28·224	3rd	27·985	24th	·239	73·9	87·3	+0·3	64·7	+5·8	76·0	+3·1	22·6	91·2	7 days	58·2	8th
	Nizamabad	1,248	28·750		29·956	28·859	3rd	28·627	24th	·232	74·0	88·8	+3·9	64·5	+4·9	76·6	+4·4	24·3	92·9	19th	56·2	8th
	Bidar	*2,165*									73·4	86·1		66·2		76·2		19·9	89·5	4th	63·4	4 days
29	Gulbarga	1,503	28·502	—·004	29·955	28·601	3rd	28·358	24th	·243	74·4	89·7	+2·7	65·9	+3·3	77·8	+3·0	23·8	93·0	1st, 2nd & 5th.	60·8	11th
	Raichur	*1,311*	28·688	+·006	29·949	28·806	3rd	28·539	24th	·267	75·7	88·5	+2·4	69·3	+2·6	78·9	+2·2	19·2	91·5	5th	64·1	15th
	Hyderabad (Deccan).	1,690	28·305	—·012	29·951	28·419	3rd	28·176	24th	·243	71·2	86·8	+3·0	65·9	+3·8	76·3	+3·4	20·9	91·3	5th	61·2	9th, 10th & 11th.
	Hanamkonda	877	29·139	—·009	29·972	29·251	3rd	29·017	24th	·234	75·7	89·3	+3·3	68·1	+3·7	78·7	+3·5	21·2	91·5	2nd & 16th.	60·2	8th
	XIII.—Mysore.																					
30	Chitaldrug	2,405	27·586	—·009	29·910	27·688	3rd	27·422	23rd	·266	72·1	84·6	+2·5	64·9	+0·9	74·7	+1·7	19·7	87·1	15th & 30th.	59·9	17th
	Hassan	3,149	26·871	—·001	29·958?	26·973	3rd	26·709	23rd & 24th.	·264	69·1	81·0	+1·2	61·7	+1·9	71·3	+1·5	19·3	83·9	20th	58·0	18th
	Bangalore	3,021	27·000	+·009	29·911	27·091	3rd	26·862	24th	·229	68·9	81·4	+2·1	62·8	+0·9	72·1	+1·5	18·6	83·8	2nd, 11th & 13th.	59·3	4 days
	Mysore	2,518	27·475	—·011	29·906	27·573	3rd	27·305	23rd	·268	71·0	83·1	+0·6	64·5	+0·4	73·8	+0·5	18·6	86·0	11th & 16th.	60·5	27th
	XIV.—Madras.																					
31	Mangalore	65	29·875	—·027	29·871	29·968	3rd	29·686	24th	·282	79·4	88·9	—0·6	73·4	+1·3	81·2	+0·3	15·5	93·8	13th	70·9	28th & 29th.
	Calicut	27	29·913	—·021	29·869	30·001	4th	29·739	23rd	·262	78·5	86·7	—0·7	74·5	+1·4	80·6	+0·3	12·2	89·8	10th	69·6	28th & 29th.
	Cochin	9	29·933	—·017	29·870	30·023	4th	29·792	22nd & 23rd,	·231	79·3	88·9	+1·4	74·8	+0·4	81·8	+0·9	14·1	92·7	15th	70·2	27th
	Trivandrum	198	29·749	—·016	29·868	29·846	4th	29·595	21st	·251	77·5	83·9	+1·3	74·3	—0·1	79·1	+0·6	9·6	87·0	10th	72·0	20th & 27th.
32	Tinnevelly	168	29·808	—·001	29·907	29·894	3rd	29·648	22nd	·246	77·8	86·7	—2·0	73·4	—1·2	80·1	—1·6	13·3	93·2	28th & 29th.	69·9	27th
	Pamban	37	29·921	—·007	29·886	30·016	8th	29·784	22nd	·232	78·6	85·1	+0·8	74·5	—1·6	79·8	—0·4	10·6	88·2	2nd	71·0	3rd & 21st.
	Madura	447	29·530	+·020	29·912	29·611	9th	29·386	22nd	·225	79·1	87·6	+0·3	73·2	+0·7	80·4	+0·5	14·4	92·5	3rd	70·6	26th & 27th.
	Pudukkottai	318	29·658		29·911	29·739	9th	29·517	23rd	·222	77·3	85·7		72·5		79·1		13·2	90·6	3rd	70·7	6th
	Negapatam	31	29·935	+·007	29·895	30·025	3rd	29·816	22nd	·209	79·7	85·6	+1·5	75·5	+1·4	80·5	+1·5	10·1	90·0	2nd, 3rd & 26th.	72·0	4th
	Trichinopoly	255	29·730	+·017	29·920	29·815	3rd	29·591	22nd	·224	78·3	87·0	—0·1	72·6	+0·6	79·8	+0·2	14·4	92·1	1st	69·8	14th
	Coimbatore	1,341	28·628	+·004	29·913	28·719	3rd	28·439	23rd	·250	74·0	86·1	—0·1	68·4	—0·5	77·3	—0·3	17·7	90·0	2nd & 17th.	61·8	26th
	Salem	940	29·070	+·022	29·951?	29·149	3rd	28·930	23rd	·219	77·2	88·6	+1·3	69·8	+1·3	79·2	+1·3	18·8	93·0	19th	64·8	26th & 27th.
	Cuddalore	37	29·946	+·007	29·912	30·036	3rd	29·813	23rd	·223	77·8	84·7	—0·1	73·3	+1·7	79·0	+0·8	11·4	88·3	1st	70·7	14th
	Vellore	707	29·283		29·936	29·368	3rd	29·147	24th	·221	75·1	85·1		69·4		77·2		15·7	89·2	29th	64·5	9th
	Madras	22	29·975	+·018	29·929	30·073	3rd	29·852	23rd	·221	79·2	86·0	+0·9	73·8	+1·5	79·9	+1·2	12·2	88·5	1st, 3rd & 19th.	69·5	13th
33	Cuddapah	493	29·556	—·008	29·932	29·660	3rd	29·397	24th	·263	76·8	89·3	+0·8	70·1	+0·8	79·7	+0·8	19·2	93·7	1st	64·6	9th & 14th.
	Bellary	1,475	28·501	—·009	29·928	28·618	3rd	28·342	24th	·276	73·7	90·1	+3·4	67·1	+1·5	78·6	+2·5	23·0	93·5	5th	62·3	15th
	Kurnool	923	29·058	—·014	29·933	29·175	3rd	28·903	24th	·272	74·1	90·7	+2·6	67·1	+3·1	78·9	+2·9	23·6	94·7	5th	60·1	15th
34	Nellore	66	29·936	+·012	29·937	30·038	3rd	29·797	24th	·241	77·4	85·5	—1·2	72·1	+0·5	78·8	—0·3	13·4	89·6	2nd	69·1	9th & 10th.
	Masulipatam	15	30·009	+·029	29·958	30·108	3rd	29·883	23rd	·225	77·3	85·6	+0·5	71·6	+0·3	78·6	+0·4	14·0	88·3	1st & 5th.	68·7	10th & 11th.
	Cocanada	26	30·002	+·022	29·964	30·097	3rd	29·887	22nd	·210	76·7	84·1	+0·6	71·3	+0·8	77·7	+0·7	12·8	86·7	1st	67·6	8th, 9th & 10th.
	Waltair (Vizagapatam).	*296*	29·808	+·032	29·977	29·903	3rd	29·711	23rd	·192	78·6	84·7		73·0		78·8		11·7	86·6	6 days	69·9	4 days
	Calingapatam	19	30·030		29·987	30·111	3rd & 9th.	29·939	24th	·172	74·8	85·4		70·3		77·8		15·1	88·3	15th	63·8	8th
	Gopalpur	33	30·014	+·027	29·988	30·100	3rd	29·924	24th	·176	74·0	85·3	+1·9	69·7	+2·9	77·5	+2·4	15·6	87·7	5th	64·0	7th & 8th.

NOTE.—The barometric readings are not reduced to sea-level, in the cases of hill or p

N.B.—Elevations in italics indicate barometrical determinations.

—continued.

India, etc., in November, 1911—continued.

Wind direction. Number of winds from N. (26)	N.E. (27)	E. (28)	S.E. (29)	S. (30)	S.W. (31)	W. (32)	N.W. (33)	Resultant direction. (34)	Normal direction. (35)	Wind velocity. Mean velocity, miles per hour. (36)	Normal. (37)	Departure from normal. (38)	Wind steadiness. Actual percentage. (39)	Departure from normal. (40)	Hygrometry, 8 hrs. Mean humidity at 8 hrs. (41)	Departure from normal. (42)	Mean vapour tension at 8 hrs. in inches of mercury. (43)	Departure from normal in inches of mercury. (44)	Cloud. Mean cloud amount at 8 hrs. (45)	Departure from normal. (46)	Rainfall. Number of rainy days. (47)	Normal number of rainy days. (48)	Departure from normal. (49)	Rainfall of month. (50)	Normal rainfall of month. (51)	Departure from normal. (52)	Total rainfall from 1st May to 30th November, 1911. (53)	Normal rainfall for period, 1st May to 30th November. (54)	Departure from normal of period, 1st May to 30th November, 1911. (55)	Heaviest rainfall during month. (56)	Station. (57)
																															XII.—Hyderabad.
	2	14	11	2	1			S 68° E		7·9			79		58	+ 9	·474		5·3		4	1·00	+3·00	3·92	0·47	+ 3·45	22·32	27·13	— 4·81	1·97	Aurangabad.
		1	3	2				S 37° E		2·8			17		67	− 3	·561		4·1		1	1·40	−0·40	0·24	0·62	— 0·38	31·04	38·72	— 7·68	0·12	Nizamabad.
		1	21	2	4			S 33° E		8·1			80		67		·549		6·2		1	2·20	—1·20	0·11	1·00	— 0·89	20·67	34·94	—14·27	0·11	Bidar.
		10	10	7				S 51° E	N 81° E	6·41	7·9	—1·5	72	+23	63	− 1	·542	+·042	2·0	—0·4	1	1·50	—0·50	0·27	0·61	− 0·34	22·25	31·21	— 8·96	0·18	Gulbarga.
	1	7	15	5	1		1	S 49° E	N 86° E	8·2	7·2	+1·0	76	+12	67	− 1	·593	+·028	4·5	+2·0	1	1·80	−0·80	0·24	0·72	— 0·48	19·22	27·03	—7·81	0·20	Raichur.
			2					S 45° E	S 72° E	3·1	3·5	—0·4	3	—20	76	+ 3	·581	+·042	4·9	+2·2	4			0·92	0·88	+ 0·01	20·66	28·99	— 8·33	0·34	Hyderabad (Deccan).
		5	16	4	1			S 44° E		5·4			69		69	+ 4	·619		4·6		0	1·90	—1·90	0·06	0·65	— 0·59	20·41	32·66	—12·25	0·06	Hanamkonda.
																															XIII.—Mysore.
1		19	6		1	1		S 79° E	S 84° E	6·8	6·2	+0·6	69	+4	71	0	·556	—·001	5·1	+0·7	2	2·80	—0·80	0·88	1·83	— 0·95	18·20	23·29	— 5·09	0·50	Chitaldrug.
1	5	11	7	1	2	1	2	S 86° E	N 77° E	5·4	3·0	+2·4	53	—22	80	+ 5	·569	+·024	4·7	—0·6	6	4·00	+2·00	1·47	2·65	— 1·18	31·57	32·32	— 0·75	0·50	Hassan.
	4	19	3		1	1	1	N 88° E	N 71° E	7·7	5·0	+2·7	69	− 5	81	+ 3	·571	+·028	4·8	+0·6	3	4·20	—1·20	1·22	2·83	− 1·61	27·32	32·74	− 5·42	0·70	Bangalore.
1	11	12	1	1	3			N 75° E	N 67° E	10·2	8·6	+1·6	59	− 8	77	+ 1	·588	+·003	6·0	+0·7	4	4·10	—0·10	2·73	2·07	+ 0·66	31·83	27·71	+ 4·12	2·10	Mysore.
																															XIV.—Madras.
	3	20	4	1			1	S 88° E	S 82° E	5·3	2·6	+2·7	79	+2	74	− 8	·737	+·002	4·5	+1·5	6	3·80	+2·20	2·71	2·79	— 0·08	99·93	124·92	-24·99	0·64	Mangalore.
	5	11	4	1				S 89° E	N 87° E	4·0*	6·6	−2·6	58	—16	84	+ 3	·820	+·035	4·9	+1·5	4	5·50	—1·50	4·48	4·75	− 0·27	98·87	110·89	—12·02	2·49	Calicut.
3	21	3	1					N 47° E	N 39° E	4·3*	4·1	+0·2	79	+12	75	− 6	·745	−·054	4·4	+0·6	7	7·70	−0·70	6·46	6·29	+ 0·17	101·98	103·55	− 1·57	2·86	Cochin.
	1	1	2	1	1	2	6	N 71° W	N 5° W	3·1	3·5	—0·4	10	-16	86	+ 1	·811	+·010	6·8	+1·4	16	9·10	+6·90	9·69	6·23	+ 3·46	53·73	53·44	+ 0·29	2·83	Trivandrum.
16	5					1	2	N 3° E	N 24° W	3·9	3·9	0	69	− 2	82	+ 4	·779	+·018	7·1	+1·9	17	9·90	+7·10	9·62	6·73	+ 2·89	17·35	17·69	− 0·34	1·72	Tinnevelly.
13	7	1		2				N 21° E	N 21° E	13·0	10·2	+2·8	56	+ 4	88	+ 3	·855		5·8		15	12·00	+3·00	10·55	11·18	— 0·63	17·59	24·19	—6·60	2·04	Pamban.
12	11	4			1		2	N 25° E	N 3° E	7·5	6·6	+ 0·9	72	+ 2	82	+ 6	·801	+·073P	6·8	+2·3	7	7·00	0	4·00	4·64	— 0·64	21·67	28·77	— 7·10	1·12	Madura.
6	16			1				N 34° E		9·1			63		84		·782		6·4		9			6·23	5·30	+ 0·93	27·70	28·90	— 1·20	1·97	Pudukkottai.
2	13		1	3	2	2	7	N 8° E	N 30° W	11·4*	5·7	+5·7	37	—11	83	— 1	·823	+·005	7·6	+0·8	15	13·30	+1·70	19·09	15·38	+ 3·71	35·77	38·73	— 2·96	3·30	Negapatam.
12	6	1			1	3	2	N	N 13° E	3·9*	3·8	+0·1	56	+19	78	— 1	·756	+·006	4·9	+0·3	11	8·00	+3·00	7·87	4·89	+ 2·98	27·46	26·69	+ 0·77	3·91	Trichinopoly.
1	18	1						N 45° E	N 81° E	5·3	2·4	+2·9	66	+18	89	+ 4	·753	+·030	5·0	—0·6	5	6·60	—1·60	3·20	3·19	+ 0·01	22·03	17·87	+ 4·16	1·20	Coimbatore.
	3	11		2	1	2	2	N 85° E	N 50° E.	3·9	3·1	+0·8	30	+ 3	78	0	·731	+·029	5·7	+1·0	3	5·70	—2·70	2·12	3·54	— 1·42	23·10	35·89	—12·79	1·52	Salem.
9			1	2	2	2	11	N 40° W	N 25° W	8·3	2·2	+6·1	53	—17	85	— 5	·816	—·020	6·5	+0·5	10	11·80	—1·80	13·09	12·03	+ 1·06	34·74	40·50	− 5·76	2·32	Cuddalore.
1				1			2	N 45° W		3·0*			10		86		·751		4·2		7	7·50	−0·50	6·36	5·23	+ 1·13	27·34	38·57	—11·23	2·33	Vellore.
9	4	3	2	1		2	6	N 4° E	N 1° E	5·6	6·5	—0·9	46	-17	86	+ 3	·852	+·056	4·2	—1·3	9	13·00	—4·00	12·69	12·78	— 0·09	30·16	41·20	—11·04	4·81	Madras.
	7	9	9	1	2		2	S 82° E	N 89° E				56	+15	79	+ 3	·739	+·044	4·9	+1·0	5	4·80	+0·20	1·92	3·26	− 1·34	21·72	29·51	− 7·79	0·58	Cuddapah.
1	1	9	10	3	1	1		S 59° E	S 85° E	3·9*	3·2	+0·7	56	+23	74	+ 7	·612	+·067	4·1	+0·1	0	2·60	—2·60	0·22	1·96	− 1·74	12·19	18·63	− 6·44	0·09	Bellary.
1	1	12	5				1	S 86° E	N 34° W	5·8*			49	+48	73	+ 2	·615	+·033	3·3	+0·7	1	2·30	−1·30	0·18	1·08	— 0·90	17·41	25·36	− 7·95	0·15	Kurnool.
7	2	2	1	2			7	N 4° W	N 44° W	3·8	4·6	—0·8	37	−18	85	+ 3	·811	+·025	4·6	—0·2	10	8·60	+1·40	13·33	8·74	+ 4·59	23·77	26·79	+ 3·98	2·94	Nellore.
13	11	3	2				1	N 30° E	N 14° E	6·7	5·3	+1·4	76	− 2	81	− 1	·751	+·008	3·6	0	6	3·80	+2·20	6·88	5·01	+ 1·87	35·26	37·45	− 2·19	2·35	Masulipatam.
7	16	4						N 40° E	N 12° E	8·5	10·0	−1·5	76	− 7	80	+ 7	·751	+·101	5·4	+2·0	4	3·90	+0·10	5·53	5·04	+ 0·49	30·05	36·17	− 6·12	3·50	Cocanada.
7	21						1	N 32° E	N 15° W	6·7			86	+43	70	+ 2	·676	+·026	5·5	+2·1	5	3·70	+1·30	3·01	3·19	— 0·18	20·69	33·27	—12·58	1·19	Waltair. (Vizagapatam)
11	4	2	1			1	11	N 8° W		7·6			70		83		·714		3·7		1			0·36	1·40	− 1·04	37·02	30·55	+6·47	0·31	Calingapatam.
17							13	N 19° W	N 25° W	8·5	8·3	+0·2	92	+ 5	81	+ 1	·678	+·053	3·3	+0·1	4	2·80	+1·20	2·85	2·42	— 0·57	32·14	41·84	—9·70	1·90	Gopalpur.

* Uncorrected for scale error.

Tab

(2) *Abstract of observations taken at 8 hrs. at 242 statio*

	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	2
	Bay Islands.																						
1	P. V. Fraser	8	30·053		29·978	30·130	3rd	29·980	24th	·150	79·0												
	Port Blair	58	29·912	+·025	29·900	29·968	3rd	29·827	21st	·161	82·1	87·7	+0·9	78·6	+1·4	83·1	+1·1	9·1	89·7	19th	75·5	6th	1
	Slipper Island	90	29·886		29·911	29·950	9th	29·804	21st	·146	81·7	85·8		78·8		82·3		7·0	87·6	27th	77·1	15th & 25th.	1
	Kashmir.																						
14	Muzaffarabad	2,475	27·662		30·220	27·715	1st	27·589	12th	·126	52·0	71·7		41·5		56·6		30·2	77·8	5th	35·1	29th	4
	Srinagar	5,204	25·002	—·032	24·973	25·114	1st	24·797	12th	·317	35·5	53·5	—6·8	32·3	+0·7	42·9	—3·1	21·2	65·1	6th	24·1	29th	4
	Gulmarg	*8,569*						Observations not received.															
	Sonamarg	*8,764*																					
	Dras	*10,059*	20·847	—·061	20·815	21·022	3rd	20·563	12th	·459	9·7	30·1		2·4		16·2		27·7	48·9	7th	—21·0	22nd & 23rd.	6
	Leh	11,503	19·711	—·067	19·679	19·913	3rd	19·475	12th	·438	23·5	43·0	—4·6	17·2	—3·3	30·1	—3·9	25·8	54·9	6th & 8th.	8·0	27th & 28th.	4
	Skardu	*7,505*	22·992	—·041	22·962	23·190	3rd	22·696	12th	·494	30·8			27·1	—3·6						17·1	27th, 28th & 29th.	
	Minimarg	*9,359*						Observations not received.															
	Astor	*7,955*						Ditto			ditto.												
	Gilgit‖	4,890	25·238		25·211	25·431	3rd	24·910	12th	·521	42·9	58·1	—3·9	38·4	—4·4	48·2	—4·1	19·7	68·7	6th	28·2	28th	4
	Baluchistan.																						
16	Quetta	5,502	24·755	—·014	24·715	24·881	3rd	24·683	15th	·198	40·0	57·9	—6·9	31·7	—0·4	44·8	—3·7	26·2	70·1	5th	22·7	20th	4
	Chaman	4,311	25·841	+·003	25·803	25·935	3rd	25·759	15th	·176	48·6	59·8	—9·6	40·4	—6·0	50·1	—7·8	19·4	73·8	5th	31·2	18th & 19th.	4
	Kalat	6,630	23·893		23·855	23·970	3rd	23·813	5th	·157	37·3	53·9		38·1		45·9		15·8	64·0	7th	25·9	15th & 20th.	3
	Dalbandin	2,779	27·312		30·143	27·381	2nd	27·192	5th	·189	53·2	71·4		42·7		58·5		31·7	84·8	5th	29·8	19th	5
	Pasni		30·067		30·027	30·140	3rd	29·972	15th	·168	69·4	84·8		64·9		74·9		19·9	90·5	4th	54·5	20th	3
	Panjgur		26·877		26·835	26·959	3rd	26·788	15th	·171	48·2	70·7		45·9		58·3		24·8	81·8	5th	33·5	20th	4
	Rubat		27·171		27·129	27·285	13th	27·014	15th	·271	59·5	71·8		46·8		59·3		25·0	81·5	4th	36·8	19th	4
	Hill Stations excluding Kashmir and Baluchistan.																						
	Chitral	*5,486*									36·4	58·5		32·1		45·3		26·4	71·7	5th	26·4	30th	4
	Para Chinar	6,000	24·541		24·517	24·672	3rd	24·406	12th	·266	43·6	57·3		34·8		46·0		22·5	67·2	4th & 5th.	27·1	14th	4
	Cherat	*4,256*	25·828	+·013	25·796	25·925	3rd	25·708	12th	·217	49·3‡	57·5	—9·7	44·8	—4·3	51·1	—7·0	12·7	69·7	4th	38·4	15th	3
	Murree	6,333	23·905	—·033	23·873	24·006	3rd	23·779	12th	·227	42·9	52·2	—8·7	40·4	—5·2	46·3	—6·9	11·8	63·1	4th	32·7	19th & 20th	3
	Simla	7,232	23·164	—·015	23·128	23·262	3rd	23·083	24th	·179	44·2	50·7	—5·4	40·4	—4·6	45·5	—5·0	10·3	59·2	8th	29·9	19th	2
	Sarain		23·205		23·167	23·302	3rd	23·119	12th	·183	33·4	49·1		31·5		40·3		17·6	59·2	7th	23·3	23th	2
	Kalabagh							Observations not received.															
	Chakrata	7,022	23·355	+·001	23·315	23·413	3rd	23·276	12th, 24th & 26th	·167	44·7	57·5	—2·5	39·3	—4·6	48·4	—3·5	18·2	63·7	4 days.	29·7	19th	2
	Mukteswar	7,592	22·890	—·039	22·849	22·963	1st	22·801	22nd	·162	44·7	53·1	—7·1	37·7	—5·7	45·4	—6·4	15·4	60·5	3rd	30·0	12th & 20th.	3
	Darjiling	7,376	23·050	—·050	23·005	23·127	2nd	22·858	26th	·169	45·7	51·9	—2·3	40·0	—2·4	46·0	—2·3	11·9	58·8	1st	26·7	25th	2
	Shillong	4,920	25·234		25·186	25·312	20th	25·118	24th	·194	55·1	64·5		45·8		55·1		18·7	68·9	8th	39·7	23rd	2
	Cherrapunji	4,309	25·799		25·750	25·858	2nd	25·728	24th	·130	58·5	64·9		51·0		58·0		13·9	69·7	2nd	44·6	28th	2
	Maymyo	3,545	23·532	+·006	26·477	26·595	9th	26·444	24th	·151	58·0	73·6	—0·2	49·8	—1·6	61·7	—0·9	23·8	80·0	5th	44·6	17th	3
	Pachmarhi	3,528	28·657	+·004	26·504	26·675	3rd	26·461	23rd	·214	65·3	73·9	+0·6	56·5	+5·2	65·2	+2·9	17·4	79·0	13th, 14th & 16th.	47·1	5th	3
	Mount Abu	3,945	26·149	—·014	26·099	26·278	3rd	26·043	23rd	·235	64·6	71·7	—1·8	57·3	—0·6	64·5	—1·2	14·4	78·2	2nd	48·4	21st	3
	Mercara	3,781	28·251	—·006	26·184	26·343	3rd	26·107	23rd	·236	64·3	76·8	+0·4	60·5	+0·4	68·4	+0·4	15·8	79·5	13th & 16th.	54·5	29th	3
	Ootacamund	*7,347*	23·082		23·618	23·164	3rd	22·938	23rd	·226	56·7	65·1		48·7		56·9		16·4	70·5	15th	41·2	26th & 28th.	2
	Kodaikanal	7,388	22·849	—·013	22·784	22·922	3rd	22·729	23rd	·193	55·2	61·4	0	49·6	+0·5	55·5	+0·3	11·8	68·0	15th	45·5	28th	2

‖ Mean of 28 days.

‡ Mean of 29 days.

N.B.—Elevations in italics indicate barometrical determinations.

NOTE.—The barometric readings are not reduced to sea-level, in the cases o

3—*continued.*

n India, etc., in November, 1911—continued.

Wind direction. Number of winds from Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Resultant direction.	Normal direction.	Wind velocity. Mean velocity, miles per hour.	Normal.	Departure from normal.	Wind steadiness. Actual percentage.	Departure from normal.	Hygrometry, 8 hrs. Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs in inches of mercury.	Departure from normal in inches of mercury.	Cloud. Mean cloud amount at 8 hrs.	Departure from normal.	Rainfall. Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st May to 30th November 1911.	Normal rainfall for period, 1st May to 30th November.	Departure from normal of period, 1st May to 30th November, 1911.	Heaviest rainfall during month.	Stat
5	25	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	54	55	56	5
																																Bay Islan
2	4	15	1		2	3	2	1	N 33° W					43		74		·719		4·9		2			0·42			28·63			0·28	P.V.F
	6	13	7	3					N 54° E	N 72° E	6·7	6·7	0	72	+52	80	−5	·882	−·001	5·2	−0·5	8			3·72	9·94	− 6·22	96·92	106·01	−15·09	1·31	Port B
1	6	18	6						N 45° E		8·0			89		78		·839		3·9		1			0·13	5·55	− 5·42	65·25	75·93	−10·68	0·13	Shippe Islan
																																Kashmi
				2	8	16	4		S 34° W		0·3			83		61		·240		2·9		4			2·32			14·02§			0·93	Muzaff
10	3	1		9	1		1	5	N 74° E	S 53° E	2·8	2·6	+0·2	10	−13	84	− 4	·176	−·015	4·4	+1·5	5	1·20	+3·80	1·61	0·35	+ 1·26	8·47	12·89	− 4·42	0·73	Srinag
																		Obser	vations	not	receiv	ed.										Gulm
																						10			5·46	1·18	+ 4·28	22·32	23·98	− 1·66	1·40	Sonam
							1	2	N 59° W		1·5			7		86	+ 2	·071		3·8		3	2·70	+0·30	0·98	0·30	+ 0·68	3·81	7·12	− 3·31	0·25	Dras.
27									(a)	S 46° W	3·0	2·1	+0·9			49	−18	·072	−·031	5·2	+1·1	0	0·20	−0·20	0	0·04	− 0·04	0·61	1·86	− 1·25	0	Leh.
30																																
25					1	2	2		S 54° W		3·2			10		75	− 6	·129		4·2		0	0·30	−0·30	0	0·04	− 0·04	1·48	3·77	− 2·29	0	Skard
																																Minir
																																Astor
							1		W		0·4			4		57	+ 5	·158	−·007	4·5	+0·5	1	0·10	+0·90	0·16	0·04	+0·12	0·95	3·04	−2·09	0·16	Gilgit
27																																Baluchist
24	1	1		2		1		1	N 67° E	S 18° W	1·2	2·0	−0·8	2	− 3	69	+17	·178	+·025	1·8	−0·2	4	1·60	+2·40	1·31	0·29	+ 1·02	2·55	2·20	+ 0·35	0·69	Quett
14			2	9	3	2			S 42° E	S 61° E	3·8	6·5	−2·7	49	−14	57	+22	·195	−·006	2·2	−0·5	3	1·90	+1·10	1·00	0·22	+ 0·78	1·70	0·51	+ 1·19	0·48	Cham
17		1		2	2	6		2	S 34° W	S 20° W	4·9*			20	−27	50		·126		1·2		3	0·90	+2·10	1·47	0·26	+1·21	1·62	1·67	−0·05	0·92	Kalat
	5	14	8	2					N 56° E		7·0*			79		54		·229		2·7		1			0·18			0·34			0·15	Dalba
12	5	2	3				2	6	N 9° W		3·7			37		74		·560		1·6		1			0·19			0·30			0·17	Pasni
1	2	18	9						N 56° E		7·5			89		70		·255		1·1		0			0·01			0·04†			0·01	Panjg
4	1	3	1	1	1	15	4		S 50° W		6·1			46		59		·226		4·1		2			0·30			0·38			0·15	Robat
																																Hill stations ing Kashm
																																Baluchis
22	2	3			3				N 63° E		1·2			6		75		·162				2			0·55	0·41	+ 0·14	2·25	4·93	− 2·68	0·38	Chitr
24	1	1				1	2	1	N 57° W		2·4			10		60		·170		2·3		3	2·00	+1·00	1·42	0·48	+ 0·94	18·21	14·26	+ 3·95	0·70	Para
5	13	3		1				7	N 6° W	N 13° W	12·0	11·6	+0·4	67	0	43‡	+ 4	·146‡	−·025	2·7	+0·3	3			2·04	0·08	+ 1·96	6·99	13·67	− 6·68	1·40	Cher
16	1		1	6	4	1		1	S 28° E	N 75° E	4·3	5·7	−1·4	30	+23	52	+16	·138	+·009	3·8	+1·0	4	2·10	+1·90	3·38	0·70	+ 2·63	31·26	40·12	− 8·86	1·96	Murr
																51	+ 9	·145	+·004	3·9	+2·1	5	0·70	+4·30	2·71	0·45	+ 2·26	40·38	51·73	−11·35	1·16	Siml
24					3	3			S 22° W		1·1			20		90		·175		3·9		6			5·26	0·36	+ 4·90	39·58	40·70	− 1·12	2·52	Sara
																		Obser	vations	not	receiv	ed.										Kalal
5	18	3		1	1			2	N 4° E	N 34° E	4·7	5·4	−0·7	66	+29	63	+10	·189	+·004	3·3	+1·9	6	0·70	+5·30	5·90	0·43	+ 5·47	43·91	58·05	−14·14	3·31	Chal
13			12	2			3		S 82° E		5·3			33		60	+13	·173		4·5		4			2·37	0·21	+ 2·16	36·03	42·20	− 6·17	1·03	Mul
27		1		1			1		E	N 87° E	1·2	2·7	−1·5	1	−39	84	+ 5	·257	−·005	4·7	+1·3	2	0·68	+1·32	0·40	0·29	+ 0·11	127·75	113·72	+14·03	0·16	Darj
23			2	1		4			S 1° W		1·0			12		71		·305		1·5		2	1·90	+0·10	0·29	1·46	− 1·17	71·63	76·51	− 4·88	0·12	Shil
15		3	1	2		8		1	S 24° W		2·7			17		70		·345		1·9		0	1·20	−1·20	0	2·61	− 2·61	506·88	364·81	+142·07	0	Che
24						6			S 45° W		1·3			20		95	+ 8	·464		1·8		0	4·90	−4·90	0	3·04	− 3·04	53·58	53·51	+ 0·07	0	May
7	1		3	2	9	6	1	1	S 6° W	N 82° E	3·1	2·8	+0·3	43	+25	73	+19	·442	+·099	3·4	+1·8	6	0·80	+5·20	3·62	0·52	+ 3·10	69·37	72·89	− 3·52	1·30	Pac
8	4	4	1		2	5		6	N 36° W	N 27° E	5·0	4·4	+0·6	23	− 4	42	0	·258	−·008	2·6	+0·8	0	0·40	−0·40	0	0·22	− 0·22	14·36	59·72	−45·36	0	Mo
3		14	8	1	4				N 74° E	N 71° E	5·0	5·2	−0·2	62	− 8	93	+12	·539	+·036	6·6	+1·4	5	4·90	+0·10	3·31	2·73	+ 0·58	127·48	122·35	+ 5·13	2·27	Me
6		2	10	6	5	1			S 60° E		4·1			56		68		·307		6·6		11	6·30	+4·70	7·50	3·79	+ 3·71	55·19	47·89	+ 7·30	2·25	Oot
	3	5	12	4	1	1	2	2	N 77° E		16·0*			46		75	− 5	·323		5·3		13	11·30	+1·70	11·30	6·50	+ 4·80	52·58	46·17	+ 6·41	3·17	Ko

(a) Indeterminate.

or plateau stations, the elevations of which exceed 3,200 feet.

* Uncorrected for scale error.

† Rainfall since 14th September, 1911.

§ Rainfall for August and September wa

Tabl

(2) *Abstract of observations taken at 8 hrs. at 242 station*

Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range during month.
2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Extra India.																						
Singapore (a)	10	29·944		29·875	30·005	1st	29·852	23rd	·153	84·0	88·7		74·4		81·5		14·3	91·0	3rd & 24th.	73·0	1st	18·
Penang (a)	20	29·882		29·827	29·978	9th	29·795	22nd	·183	81·5	88·4		73·9		81·1		14·5	91·0	4 days	70·0	19th	21·
Trincomalee	99									76·6	84·9	−0·4	73·6	−1·1	79·3	−0·7	11·3	89·0	2nd & 27th	72·0	4 days	17·
Colombo	24	29·911	−·022	29·861	29·992	3rd	29·780	21st	·212	74·0	88·2	+1·8	73·1	−1·0	80·7	+0·4	15·1	92·5	10th	69·5	3rd	23·
Minicoy	7	29·958			30·049	4th	29·797	23rd	·252													
Amini Divi	*13*	29·831	−·030	29·872	30·037	3rd	29·749	24th	·288	82·0	87·0	+2·0	75·5	0	81·3	+1·0	11·5	90·8	30th	72·7	18th	18·
Gyantse	13,120	17·043		17·004	17·096	6th	16·966	26th	·130	28·5	47·8		13·7		30·8		34·1	55·3	1st	8·0	12th & 26th.	47·3
Pharijong	14,400									28·0	40·5		6·2		23·4		34·3	46·8	1st	−0·1	21st	46·9
Gangtok	5,660P									53·2	63·7		45·6		54·7		18·1	69·7	2nd	42·2	16th	27·5
Gartok (c)	14,140	17·760			17·810	4 days	17·670	7th	·140	12·8	31·6		2·4		17·0		29·2	49·9	1st	−22·6	24th	72·5
Kashgar (e)	4,255	25·714			25·849	21st & 22nd	25·439	28th	·410	33·4	52·2	+0·1	28·1	−0·6	40·2	−0·3	24·1	62·0	19th	20·8	26th & 27th.	41·2
Kabul		24·412		24·381	24·565	30th	24·286	26th	·279	35·6	59·4	−8·1	29·5	−5·4	44·5	−6·7	29·9	76·7	6th	23·8	15th	52·9
Meshed	3,104	26·958		26·936	27·172	30th	26·804	15th	·368	37·3	57·3		32·3	−3·9	44·8		25·0	76·9	4th	22·1	17th	54·8
Jask	13	30·052	−·021	30·019	30·145	3rd	29·960	15th	·185	70·2	83·3	+0·1	67·8	−0·9	75·5	−0·4	15·5	90·3	2nd	60·8	30th	29·5
Muscat	20	30·058	−·010	30·027	30·147	3rd	29·967	15th	·180	75·9	84·8	+4·8	73·5	−1·8	79·1	+1·5	11·3	92·3	12th	67·1	27th	25·2
Bahrein	18	30·091		30·062	30·193	19th	29·991	5th	·202	73·2	76·7		69·8		73·3		6·9	85·9	2nd	62·5	19th	23·4
Bushire	14	30·056	−·018	30·033	30·114	3rd	29·961	1st	·153	64·3	74·5	−3·6	62·0	−0·3	68·3	−1·9	12·5	89·8	3rd	57·0	29th	32·8
Busrah	25	30·088		30·082	30·183	26th	29·896	1st	·287	64·8	74·1		57·0		65·6		17·1	86·5	1st	48·3	30th	38·2
Kerman										41·4	65·0		34·0		49·5		31·0	81·2	3rd	23·5	29th	57·7
Ispahan (b) (g)	*5,817*	24·362			24·440	1st	24·260	5th	·180	38·1	60·3‡	−1·6‡	36·1	+0·2	48·2‡	−0·7	24·2	71·4	2nd	30·2	30th	41·2
Tehran (b)	*4,002*	25·885			26·005	12th	25·775	15th	·230	43·3	60·3	−1·1	41·0	−1·2	50·6	−1·1	19·3	74·9	4th	31·4	17th	43·5
Baghdad	127	29·987	+·012	30·097	30·073	23rd	29·811	2nd	·262	54·1	73·7	−0·9	51·9	+2·4	62·8	+0·7	21·8	77·0	7th	40·3	29th	36·7
Beirut (m)	111			30·037						66·5	72·7		61·3		67·0		11·4	78·1	2nd	54·5	12th & 13th.	23·6
Aden	94	29·955	+·004	29·932	30·049	25th	29·855	1st	·194	79·0	83·2	−1·7	76·2	+1·5	79·7	−0·1	7·0	86·1	18th	72·9	26th	13·2
Perim	201	29·803	+·001	29·938	29·864	23th	29·684	1st	·180	80·9	86·6	−0·3	77·2	+0·1	81·9	−0·1	9·4	89·1	1st, 5th & 8th	74·4	28th	14·7
Zanzibar	72	29·960	−·003	29·958	30·068	4th	29·856	22nd	·212	79·6	84·0	+0·3	76·9	−0·2	80·4	+0·1	7·1	87·4	22nd	73·9	25th	13·5

N.B.—Elevations in italics indicate barometrical determinations.

NOTE.—The barometric readings are not reduced to sea-level, in the cases of hill or plateau stations, the elevations of which exceed 3,200 feet.

(a) 9 hrs. observations.
(b) Aneroid uncorrected.
(c) ,, corrected.
(m) 8½ hrs. observations.
(g) 7 hrs. observations.

‡ Mean of 29 days

§ Mean of 26 days.

—concluded.

India, etc., in November, 1911—concluded.

Wind direction. Number of winds from N. (26)	N.E. (27)	E. (28)	S.E. (29)	S. (30)	S.W. (31)	W. (32)	N.W. (33)	Resultant direction. (34)	Normal direction. (35)	Wind velocity. Mean velocity, miles per hour. (36)	Normal. (37)	Departure from normal. (38)	Wind steadiness. Actual percentage. (39)	Departure from normal. (40)	Hygrometry, 8 hrs. Mean humidity at 8 hrs. (41)	Departure from normal. (42)	Mean vapour tension at 8 hrs. in inches of mercury. (43)	Departure from normal in inches of mercury. (44)	Cloud. Mean cloud amount at 8 hrs. (45)	Departure from normal. (46)	Rainfall. Number of rainy days. (47)	Normal number of rainy days. (48)	Departure from normal. (49)	Rainfall of month. (50)	Normal rainfall of month. (51)	Departure from normal. (52)	Total rainfall from 1st May to 30th Novr. 1911. (53)	Normal rainfall for period, 1st May to 30th November. (54)	Departure from normal of period, 1st May to 30th November, 1911. (55)	Heaviest rainfall during month. (56)	Sta (57)
																															Extra Indi
2	1	3	3				1	N 76° E		3·7*			17						5·6		16			16·19	8·42	+7·77	59·09	48·54	+10·55	7·23	Singapo
6	14	1	5				4	N 37° E		10·8*			62								16			8·58	13·06	−4·48	57·37	77·71	−20·34	1·78	Penang.
	12	3	2	2	5	2	2	N 63° E	S 57° W	7·1*	5·3	+1·8	23	+1	88	+ 2	·811	−·051	7·3	+3·8	18			12·97	14·41	−1·44	37·59	36·76	+0·83	1·93	Trincon
3	13	3						N 45° E	N 48° E	3·2*	6·1	−2·9	56	+26	97	+19	·811	−·027	7·7	+2·9	17			15·92	12·32	+3·60	54·34	58·84	−4·50	3·47	Colomb
5	8	7	1		1	5	3	N 24° E	N 7° W	5·6	6·2	−0·6	40						5·7		10			10·87	5·27	+5·60	58·35	52·01	+6·34	2·90	Minicoy
6	6		1	2	1			N 30° E		4·5			30		77	− 1	·341	−·017	5·5	+0·9	6			7·12	1·66	+5·46	49·58	48·90	+0·68	2·45	Amini I
	3	5	10					S 70° E		3·4			50		77		·122		0·4		0			0			11·74			0	Gyants
1	1		3	2	2			S 14° E		8·1			13		77		·122		1·6		0			0·05			18·13			0·05	Pharijo
			1	3		1		S 5° W‡		1·4			14		84		·341		1·1		6			1·15	1·83	−0·68	116·28	114·13	+2·15	0·27	Gangto
		1	9	3				S 38° E		6·9			37						2·4		0			0			1·11			0	Gartok.
							1	N 45° W	N 5° W	0·2	0·9	−0·7	4		70		·133		2·0		0			0·02	0·01	+0·01	0·67	2·27	−1·60	0·02	Kashga
	3	5	16	5		1		S 51° E	S 45° W				73		76		·162		0		4			1·10	0·68	+0·32	1·55†			0·50	Kabul.
			1	1				S 27° E		1·2			7		77		·170		3·7	−0·9	2			1·04	0·58	+0·46	3·63	2·81	+0·82	0·78	Meshed
11	10	2	2				3	N 24° E	N 27° E	7·0	9·7	−2·7	69	+12	66	− 1	·499	−·080	3·4	+1·6	2			0·52	0·32	+0·20	0·52	0·42	+0·10	0·41	Jask.
	2	2	3		1	1	6	N 9° W	S 74° W	4·3	3·4	+0·9	9	−24	69	+ 1	·625	−·026	2·3	+0·8	2			0·72	0·35	+0·37	0·72	0·59	+0·13	0·54	Muscat
3	2	5	3			7	10	N 29° W		9·6			33		75		·615		3·6		3			2·74	0·04	+2·70	2·74	0·15	+2·59	1·34	Bahrei
7	5	3	1				4	N 19° E	N 61° E	6·9	6·1	+0·8	46	+24	81	+14	·490	+·032	3·7	+0·6	7			3·77	1·56	+2·21	3·77	1·69	+2·08	1·63	Bushir
3	1	2	3	1	3	11	5	N 81° W‡		2·9			41		65		·407		2·2		3			2·03	0·89	+1·14	2·03	1·62	+0·41	1·02	Busrah
			3	4		1		S 9° E		5·0			20		66‡		·172‡		2·9		4			1·28			1·65			0·58	Kerma
30								(a)	N 62° W	1·6	2·5	−0·9			71	− 4	·169	−·047	3·4	−0·3	2			0·52	0·72	−0·20	0·57	1·22	−0·65	0·25	Ispahan
3	16		1		1			N 40° E	N 11° E	1·3‡	2·2	−0·9	57	+29	65	+ 6	·181	−·010	2·3	−1·3	1			0·80	1·05	−0·25	2·90	2·23	+0·67	0·60	Tehran
3	1	1		1			3	N 5° W	N 5° W	5·2	2·3	+2·9	16	+ 8	79	+15	·341	+·054	3·0	+1·7	4			0·72	0·79	−0·07	0·93	1·15	−0·22	0·18	Baghda
		1			1	1	1	W					3		66		·425		2·5		6			3·14			10·11			1·48	Beirut.
1	22	3						N 48° E	N 76° E	14·6	12·9	+1·7	76	− 4	73	+ 1	·720	+·034	5·7	+1·9	0			0	0·16	−0·16	0·34	0·74	−0·40	0	Aden.
		22	6	2				S 77° E	S 87° E	20·1	20·2	−0·1	90	+ 6	68	− 3	·716	−·026	3·3	+0·3	1			0·21	0·04	+0·17	0·70	0·93	−0·23	0·19	Perim.
4	5	1	6	3	2	2		S 79° E§	S 45° E	4·0	4·6	−0·6	17	−25	83	0	·836	−·002	6·2	+0·8	12			6·26	8·64	−2·38	33·36	32·12	+1·24	1·10	Zanzib

* Uncorrected for scale error.

† Total rainfall for June and September to November, 1911.

(a) Indeterminate.

(z) Wind observations less 2.

Table C.—Abstract of observations taken at 8 hrs. at 38 fourth class stations in India, etc., in November, 1911.

Tal

Abstract of observations taken at 8

Number of subdivision.	Station.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range during month.	Wind direction. Number of winds from Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	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	24	25
	II.—Eastern Bengal and Assam.																							
4	Bishnath	67·5*	79·0	...	59·8	...	69·4	...	19·2	86·7	1st	56·0	23rd	30·7	...	...	...	...	...	...	...	...	...	...
	Borjuli	66·9	80·9	...	56·5	..	68·7	...	24·4	88·1	3rd	49·7	29th	38·4	...	...	...	...	...		...	...	...	...
	Chandkhira	63·3	85·2	...	57·3	...	71·3	...	27·9	88·8	4th	50·1	30th	38·7	...	...	...	...	...	...	..	...	...	...
	Doom Dooma	59·3	76·6	...	56·6	...	66·6	..	20·0	84·8	3rd & 4th	50·5	23rd	34·3	...	...	...	...	...	...	...	...	...	...
	Dikom	62·0	77·3	...	57·1	...	67·2	...	20·2	85·8	2nd	50·4	23rd & 24th.	35·4	...	...	...	...	...	...	...	...	...	...
	Golaghat	65·4	65·9	...	59·3	...	62·6	...	6·6	74·5	2nd	52·2	27th	22·3	...	...	...	...	...	...	...	...	...	...
	Hailakandi	..	...	...	...	...	...	Observations not received.					...	...	...	...	...	...	...	...		...	..	...
	Jorehat	63·8	77·6	...	59·7	...	68·7	...	17·9	84·9	4th	53·6	24th & 30th.	31·3	...	...	...	...	...	...	...	..	...	...
	Messa	71·3	84·3	...	55·2	...	69·7	...	29·1	90·8	2nd	49·6	30th	41·2	...	...	...	...	...	...	...	...	...	...
	Panerihat	59·4	76·4	...	58·1†	..	67·3	...	18·3	82·3	29th	50·2	30th	32·1	...	...	...	...	...	...	...	...	...	...
	Srimangal	69·1	84·4	...	57·7	..	71·0	...	26·7	88·9	8th	50·4	30th	38·5	...	...	...	...	...	...	...	...	...	...
5	Brahmanbaria	75·2	83·2	...	63·6	...	73·4	...	19·6	87·8	2nd	56·1	30th	31·7	...	...	...	...	...	...	...	...	...	...
	Dam Dim	65·5	86·1	...	53·7	...	69·9	...	32·4	88·9	2nd & 13th.	47·2	23rd	41·7	...	...	...	...	...	...	...	...	...	...
	Goalundo §	73·5	83·0	...	62·8	...	72·9	...	20·2	89·2	1st	56·9	29th	32·3	...	...	...	...	...	...	...	...	...	...
	Kalchini	70·9	80·7	...	53·6	...	67·1	...	27·1	87·1	11th	45·2	25th	41·9	...	...	...	...	...	...	...	...	...	...
	Nagrakata	69·7	79·6	...	57·6	...	68·6	...	22·0	85·1	1st	53·0	23rd	32·1	...	...	...	...	...	...	...	...	...	...
	Pabna	72·3	84·2	...	59·4	...	71·8	...	24·8	88·5	3rd	53·9	30th	34·6	...	...	...	...	...	...	...	...	...	...
	IV.—United Provinces of Agra and Oudh.																							
10	Balia	66·7	?	...	58·9	...	?	...	...	?	...	50·0	30th	...	...	...	...	...	...	...	...	...	...	...
	XI.—Central Provinces.																							
24	Chhindwara	65·5	80·7	...	58·0	...	69·4	...	22·7	85·9	9th	48·9	6th	37·0	...	3	4	3	2	1	2	8	7	N 45° W
	XIV.—Madras.																							
33	Anantapur	74·7	88·8	...	67·3	...	78·1	...	21·5	92·2	30th	62·3	10th	29·9	...	...	...	...	...	...	...	...	...	...
34	Guntur	76·8	88·3	...	69·6	...	79·0	...	18·7	92·2	1st, 4th & 6th.	64·9	11th	27·3	...	...	...	...	...	...	...	...	...	...
	Bay Islands																							
1	Car Nicobar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kashmir.																							
14	Jammu	59·7	71·3	...	53·5	...	62·4	...	17·8	80·3	6th	45·8	28th & 29th.	34·5	...	17	11	...	...	2	...	...	...	N 19° E
	Kargil	27·8	42·8	...	21·0	...	31·9	...	21·8	58·3	5th	8·6	24th	49·7	...	3	8	14	1	...	...	...	4	N 57° E

* Mean of 29 days. † Mean of 23 days. § Observations of 23 days.

38 fourth class stations in India, etc., in November, 1911.

WIND VELOCITY.			WIND STEADINESS.		HYGROMETRY, 8 HRS.				CLOUD.		RAINFALL.										STATION.
hour.	Normal.	Departure from normal.	Actual percentage.	Departure from normal.	Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs. in inches of mercury.	Departure from normal in inches of mercury.	Mean cloud amount at 8 hrs.	Departure from normal.	Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st May to 30th November, 1911.	Normal rainfall for period, 1st May to 30th November.	Departure from normal of period, 1st May to 30th November, 1911.	Heaviest rainfall during month.	
7	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
																					II.—Eastern Bengal and Assam.
...	...	...	...	...	88*	...	·592*	...	...	...	4	...	...	1·23	0·52	+0·71	89·33	76·89	+12·44	0·45	Bishnath.
...	...	...	...	...	82	...	·538	...	...	...	3	...	...	0·89	0·67	+0·22	95·24	69·29	+25·95	0·36	Borjuli.
...	...	...	...	...	94	...	·549	...	...	...	0	...	...	0	1·42	−1·42	100·09	88·45	+11·64	0	Chandkhira.
...	...	...	...	...	96	...	·483	...	...	...	5	...	..	2·63	0·46	+2·17	88·31	75·58	+12·73	1·08	Doom Dooma.
...	...	...	...	...	93	...	·584	...	...	...	6	...	...	2·64	0·46	+2·18	92·21	81·94	+10·27	0·81	Dikom.
...	...	...	...	...	89	...	·558	...	...	...	6	...	...	3·12	0·35	+2·77	65·38	54·20	+11·18	0·91	Golaghat.
...	...	...	...	...	...	...	Observations not received.					...	...	...	...	...	...	...	...	...	Hailakandi.
...	...	...	...	...	94	...	·556	...	...	...	5	...	...	2·60	0·42	+2·18	87·01	63·16	+23·85	1·07	Jorehat.
...	...	...	...	...	79	...	·607	...	...	...	1	...	...	0·22	0·32	−0·10	93·79	74·89	+18·90	0·20	Messa.
...	...	...	...	...	95	...	·480	...	...	...	0	...	...	0·04	0·48	−0·44	92·12	63·14	+28·98	0·02	Panerihat.
...	...	...	...	...	84	...	·596	...	...	...	0	...	...	0	1·25	−1·25	106·42	79·76	+26·66	0	Srimangal.
...	...	...	...	...	70	...	·615	...	...	...	1	...	...	0·37	0·56	−0·19	89·50	68·42	+21·08	0·37	Brahmanbaria.
...	...	...	...	...	90	...	·571	...	...	...	1	...	...	0·38	0·09	+0·29	153·30	145·09	+8·21	0·13	Dam Dim.
...	...	...	...	...	82	...	·670	...	...	...	0	...	...	0·11	0·51	−0·40	53·96	58·41	−4·45	0·06	Goalundo.
...	...	...	...	...	79	...	·610	...	...	...	6	...	...	2·17	0·34	+1·83	164·38	141·50	+22·88	1·00	Kalchini
...	...	...	...	...	70	...	·507	...	...	...	3	...	...	1·37	0·27	+1·10	169·35	150·61	+18·74	0·86	Nagrakata.
...	...	...	...	...	78	...	·620	...	...	...	1	...	...	0·11	0·49	−0·38	66·27	54·06	+12·21	0·10	Pabna.
																					IV.—United Provinces of Agra and Oudh.
...	...	...	...	...	80	...	·526	...	...	...	...	...	...	No rain gauge.			...	...	...	...	Balia.
																					XI.—Central Provinces.
3·2	...	...	33	...	77	...	·488	...	4·0	...	7	...	...	3·05	...	...	33·01	...	...	1·26	Chhindwara.
																					XIV.—Madras.
...	...	...	...	...	79	...	·681	...	6·4	...	3	...	...	0·89	...	...	14·73	...	...	0·40	Anantapur.
...	...	...	...	...	86	...	·793	...	4·5	...	5	...	...	4·35	...	...	28·67	...	...	1·81	Guntur.
																					Bay Islands.
...	...	...	...	...	...	...	...	...	...	...	15	...	...	9·65	11·55	−1·90	68·39	74·22	−5·83	2·96	Car Nicobar.
																					Kashmir.
...	...	...	83	...	61	...	·309	...	2·6	...	4	...	...	1·98	...	...	19·48	...	...	1·04	Jammu.
...	...	...	67	...	44	...	·077	...	4·7	...	1	...	...	0·31	...	...	1·09	...	...	0·12	Kargil.

‡ The total rainfall from 1st to 24th October, 1911, not included.

T

Abstract of observations taken at 8

Number of subdivision.	Station.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month	Date.	Absolute range during month.	Wind direction. Number of winds from Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	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	24	25
	Hill Stations, exclusive of Kashmir.																							
	Fanighatta	65·7	77·8	...	58·4	...	68·1	...	19·4	82·3	1st & 8th.	53·6	21st	28·7	...	...	...	...	...	...	...	...	...	...
	Kurseong	54·2	60·6	...	50·3	...	55·5	...	10·3	68·5	20th	44·9	28th	23·6	...	...	...	...	...	...	...	...	...	...
	Gnatong	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lachung	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...
	Ringim	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Poo	...	48·4	...	30·6	...	39·5	...	17·8	62·1	6th	22·3	22nd	39·8	14	...	...	5	5	...	2	4	...	S 31° E
	Kailang	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bakloh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...
	Drosh	40·9	58·2	...	37·7	...	47·9	...	20·5	72·5	5th	33·5	20th & 21st.	39·0	19	...	2	...	5	2	2	...	...	S 31° E
	Pishin	...	58·3	...	32·7	...	45·5	...	25·6	70·7	4th	23·0	26th	47·7	...	...	...	...	...	...	...	...	...	...
	Extra India.																							
	Ahwaz	...	74·1	...	58·3	...	66·2	...	15·8	86·8	1st	51·0	26th	35·8	...	...	...	...	...	...	...	...	...	...
	Birjand	...	...	...	...	...	...	...	...	Observations not received.				...	...	...	...	...	...	...	...	...	...	...
	Chumbi	31·7	51·1	...	27·1	...	39·1	...	24·0	59·0	6th	21·3	27th	37·7	...	...	...	...	...	...	...	...	...	...
	Kirmanshah	45·2	58·1	...	34·4	...	46·3	...	23·7	71·0	1st	26·0	29th	45·0	...	...	...	...	...	...	...	...	...	...
	Koweit	...	74·3	...	62·7	...	68·5	...	11·6	86·9	2nd	51·7	29th	35·2	1	1	...	4	...	...	1	1	22	N 39° W
	Maidan	...	77·9	...	55·1	...	66·5	...	22·8	88·4	1st	45·2	29th & 30th.	45·2	...	...	...	...	...	...	...	...	...	...
	Muhammerah	...	77·6	...	59·6	...	68·6	...	18·0	85·8	1st	51·6	27th	34·2	...	4	...	...	2	...	3	...	15	N 45° W
	Pemba	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Prison Island	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

—*concluded.*

38 fourth class stations in India, etc., in November, 1911—concluded.

Wind velocity.			Wind steadiness.		Hygrometry, 8 hrs.				Cloud.		Rainfall.										Station.
Mean velocity, miles per hour.	Normal.	Departure from normal.	Actual percentage.	Departure from normal.	Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs. in inches of mercury.	Departure from normal in inches of mercury.	Mean cloud amount at 8 hrs.	Departure from normal.	Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st May to 30th November 1911.	Normal rainfall for period, 1st May to 30th November.	Departure from normal of period, 1st May to 30th November 1911.	Heaviest rainfall during month.	
27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
																					Hill Stations, exclusive of Kashmir.
...	...	...	...	...	68	...	·431	...	...	...	2	...	...	0·80	0·07	+0·73	147·44	130·47	+16·97	0·57	Panighatta.
...	...	...	...	...	79	...	·331	...	...	...	2	...	...	0·52	0·07	+0·45	170·84*	139·64	+31·20	0·27	Kurseong.
...	...	...	...	...	...	...	...	...	...	...	3	...	...	1·37	...	...	3·90	...	...	0·75	Gnatong.
...	...	...	...	...	...	...	...	...	...	...	6	...	...	1·78	...	...	8·88†	...	...	0·50	Lachung.
...	...	...	...	...	...	...	...	...	...	Rainfall observation not received						...	...	...	...	...	Ringim.
...	...	...	20	...	...	...	...	...	5·3	...	3	...	...	1·25	0·21	+1·04	3·03	3·72	—0·69	0·72	Poo
...	...	...	...	...	...	...	...	...	...	Rainfall observation not received						...	...	...	...	...	Kailang.
...	...	...	...	...	...	...	...	...	...	...	7	...	...	5·21	...	...	35·88‡	...	...	1·45	Bakloh.
...	...	...	20	...	58	...	·152	...	0·4	...	2	...	...	0·62	0·33	+0·29	4·11	6·83	—2·72	0·36	Drosh.
...	...	...	...	...	...	...	...	...	2·6	...	3	...	...	1·42	0·12	+1·30	2·30	0·62	+1·68	1·00	Pishin.
																					Extra India.
...	...	...	...	...	...	...	...	...	2·2	...	3	...	...	1·65	...	...	1·68	...	...	0·75	Ahwaz.
...	...	...	...	...	...	...	...	Observations not received.					...	...	...	...	...	...	...	...	Birjand.
7·0	...	...	...	...	77	...	·138	...	0·9	...	3	...	...	0·70	...	...	32·87	...	...	0·36	Chumbi.
...	...	...	...	...	69	...	·213	...	...	...	4	...	...	1·64	...	...	2·48	...	...	0·50	Kirmanshah.
...	...	...	67	...	...	...	...	...	3·4	...	4	...	...	1·62	...	...	1·67	...	...	0·47	Koweit.
...	...	...	...	...	...	...	...	...	...	...	2	...	...	0·62	...	...	0·77	...	...	0·47	Maidan.
...	...	...	50	...	...	...	...	...	...	...	4	...	...	1·90	...	...	2·00	...	...	1·10	Muhammerah.§
...	...	...	...	...	...	...	...	...	...	...	13	...	...	7·47	8·73	—1·26	42·80	41·78	+1·02	2·15	Pemba.
...	...	...	...	...	...	...	...	...	...	...	No rainfall observation					...	...	...	...	...	Prison Island.

§ Wind variable 6.
* Rainfall from 1st September to 13th October, 1911, not included.

‡ Total rainfall since 1st June, 1911.
† Rainfall for September, 1911 not included.

Table A.—Abstract of observations taken at 10 hrs. and 16 hrs. at 23 stations in India, etc., in December, 1911.

Tab

Abstract of observations taken at 10 hrs. and 16 hrs. at

Number of subdivision.	Station.	Elevation of bar-cistern above sea-level, in feet	Pressure. Mean of 10 hrs.	Pressure. Mean of 16 hrs.	Pressure. Mean daily range.	Pressure. Mean of daily mean pressures.	Pressure. Departure from normal.	Pressure. Mean reduced to sea-level and gravity, 45° Lat.	Temperature of air. Mean maximum.	Temperature of air. Mean minimum.	Temperature of air. Mean daily range.	Temperature of air. Highest maximum.	Temperature of air. Lowest minimum.	Temperature of air. Absolute range.	Temperature of air. Mean 10 hrs.	Temperature of air. Mean 16 hrs.	Temperature of air. Mean of daily means.	Temperature of air. Departure from normal.	Temperature Wet-bulb. Mean minimum.	Temperature Wet-bulb. Mean 10 hrs.	Temperature Wet-bulb. Mean 16 hrs.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	III.—Bengal.																				
6	Calcutta . .	21	30·099	29·979	·120	30·033	+·005	30·001	76·7	53·8	22·9	80·0	48·5	31·5	69·2	74·6	64·3	−1·0	52·1	60·0	60·8
	IV.—United Provinces of Agra and Oudh.																				
10	Allahabad . .	309	29·830	·719	·111	29·764	+·015	·038	73·8	46·5	27·3	78·7	41·5	37·2	65·0	72·2	58·2	−1·6	46·0	56·1	57·8
	V.—Punjab																				
12	Lahore . .	702	·410	·319	·091	·355	0	·060	71·9	40·3	31·6	75·4	37·0	38·4	58·7	69·5	53·9	−0·7	38·6	50·3	55·5
	VIII.—Rajputana.																				
19	Jaipur . .	1,431	28·671	28·569	·102	28·609	−·001	·021	78·4	49·0	29·4	82·7	40·3	42·4	69·7	76·3	61·8	+0·3	43·5	54·1	57·5
	IX.—Bombay.																				
26	Bombay . .	37	30·002	29·893	·109	29·942	−·011	29·919	87·7	73·6	14·1	91·0	70·1	20·9	79·5	84·0	79·9	+3·5	67·8	70·6	73·9
	XII.—Hyderabad.																				
29	Hyderabad . .	1,690	28·361	28·252	·109	28·304	0	·928	82·6	60·4	22·2	87·6	54·2	33·4	74·8	78·9	70·7	+1·6	56·3	63·5	63·2
	XIII.—Mysore.																				
30	Bangalore . .	3,021	27·035	26·932	·103	26·984	+·002	·863	79·0	60·5	18·5	85·3	54·6	30·7	71·7	75·8	66·9	+1·4	59·6	64·3	65·2
	Mysore . . .	2,518	·513	27·398	·115	27·456	−·015	·856	80·8	62·5	18·3	85·0	56·0	29·0	73·7	79·0	70·8	+1·0	61·7	67·9	69·6
	XIV.—Madras.																				
32	Pudukkottai .	318	29·687	29·573	·114	29·630		·883	82·6	70·8	11·8	90·8	65·7	25·1	77·5	80·6	76·7		69·7	72	74·0
	Madras . .	22	30·014	·920	·094	·966	−·014	·919	82·6	71·8	10·8	86·4	64·4	22·0	79·7	78·9	76·4	+0·7	70·7	74·5	74·0
	Bay Islands.																				
1	Port Blair . .	58	29·930	·835	·095	·883	−·003	·870	85·6	77·6	8·0	89·2	74·0	15·2	82·9	83·1	80·8	+0·3	73·8	77·3	77·0
	Kashmir.																				
14	Srinagar . .	5,204	25·066	24·988	·078	25·019	−·002	24·990	44·9	29·9	15·0	53·6	21·4	32·2	35·7	43·2	35·5	−0·8	28·2	33·8	40·1
	Leh . . .	11,503	19·719	19·634	·085	19·671	−·028	19·639	33·8	10·8	23·0	38·8	5·1	33·7	23·0	29·4	20·4	−1·7	8·3	19·2	22·3
	Hill Stations, excluding Kashmir and Baluchistan.																				
	Simla . . .	7,232	23·186	23·133	·053	23·147	−·003	23·110	50·7	39·6	11·1	58·0	35·9	22·1	46·7	46·6	44·2	+0·8	30·3	35·3	37·3
	Sarain . .		·220	·157	·063	·178		·139	49·2	28·4	20·8	53·9	24·8	29·1	36·9	38·3	37·9			33·5	34·1
	Kalabagh . .											Observations not received.									
	Mukteswar . .	7,592	22·912	22·846	·066	22·867		22·825	53·8	37·5	16·3	62·0	30·8	31·2	47·7	51·1	44·8		28·1	37·0	40·1
	Katmandu . .	4,388	25·857	25·737	·120	25·794	+·084†	25·748	63·2	37·7	25·5	66·4	31·8	34·6	47·1	60·8	49·5	−3·1†	38·7	44·6	51·1

N.B.—Elevations in italics indicate barometric determinations.

NOTE.—The barometric readings are not reduced to sea-level, in the cases of hill or plateau stations, the elevations of which exceed 3,200 feet.

A.

Stations in India, etc., in December, 1911.

Vapour tension, in inches of mercury.					Humidity.					Cloud.				Wind direction.											Wind steadiness.		Wind velocity.		Rainfall.		Station.	Number of subdivision.
														Total number of 10 hrs. and 16 hrs. winds from																		
From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	Mean 10 hrs.	Mean 16 hrs.	Mean of two previous columns.	Departure from normal.	Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Mean wind direction.	Normal mean wind direction of month.	Average percentage.	Normal percentage.	Mean velocity in miles per diem.	Normal.	Total rainfall for the month.	Heaviest rainfall during the month.		
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	54	55	56
																															III.—Bengal.	
·368	·395	·350	·383	—·055	89	55	41	64	— 7	1·8	3·0	2·4	+0·6	1	11	2	1				2	45	N 35° W	N 13° W	87	63	77*	60	0	0	Calcutta	6
																															IV.—United Provinces of Agra and Oudh.	
·307	·336	·294	·320	—·011	96	54	36	67	0	1·5	1·6	1·5	0	19	3	2	3		1	6	18	10	N 76° W	N 48° W	41	27	36	72	0	0	Allahabad	10
																															V.—Punjab.	
·213	·257	·257	·240	—·031	85	51	36	59	— 4	2·4	2·1	2·3	—0·5	23	6		1	4	2	1	8	17	N 54° W	N 36° W	34	21	27	31	0	0	Lahore	12
																															VIII.—Rajputana	
·219	·228	·246	·231	—·036	63	31	27	45	— 8	1·8	1·9	1·9	—0·6	4	6	6	13	4	7	9	7	6	S 61° E	N 27° W	5	27	79*	70	0	0	Jaipur	19
																															IX.—Bombay.	
·600	·631	·699	·668	+·029	73	62	60	68	— 4	2·9	3·4	3·1	+1·2		1	11	18	3			14	15	N 11° E	N 15° E	29	55	195*	233	0	0	Bombay	26
																															XII.—Hyderabad.	
·410	·445	385	·420	—·020	76	52	39	58	— 3	4·5	4·8	4·7	+2·1	46		7	7	2					N 75° E	S 78° E	23	57	57	77	0	0	Hyderabad	29
																															XIII.—Mysore.	
·502	·518	·499	·520	+·054	95	67	57	75	+ 5	5·2	5·3	5·3			2	24	29	6				1	N 73° E	N 72° E	84	81	188	132	0·62	0·30	Bangalore	30
·543	·611	·611	·602	+·126	95	73	62	81	+19	6·9	6·4	6·7	+2·1		4	27	26	5					N 68° E	N 78° E	84	82	241	247	0·56	0·24	Mysore	
																															XIV.—Madras.	
·714	·740	·753	·736		95	78	73	82		7·0	7·4	7·2		5	15	38	1	1		2			N 35° E		77		248		6·99	2·21	Pudukkottai	32
·733	·782	·771	·781	+·052	94	78	79	86	+ 4	6·2	6·3	6·3	+0·8		23	28	7			1		3	N 28° E	N 24° E	81	81	184*	175	6·37	1·47	Madras	
																															Bay Islands.	
·781	·859	·844	·853	+·002	83	77	75	80	— 1	5·8	6·0	5·9	+0·7	3	16	26	10	5	2				N 48° E	N 57° E	69	66	178	175	9·73	3·70	Port Blair	1
																															Kashmir.	
·138	·172	·214	·168	—·008	82	83	76	80‡	— 1	7·5	6·0	6·7	+1·6	24	8	5	2	5		2	1	15	N 13° W	S 36° E	29	3	64	62	0·95	0·29	Srinagar	14
·048	·077	·067	·065	—·009	65	62	41	60	— 1	6·5	7·0	6·7	+0·8			3	3	11	24	14	6	1	S 5° W	S 18° W	63	40	65	31	0	0	Leh	
																															Hill Stations, excluding Kashmir and Baluchistan.	
·081	·088	·128	·104	—·035	34	29	41	38	—10	2·0	3·3	2·7	—1·3																0·10	0·10	Simla.	
	·157	·154				73	67			2·3	3·8	3·1		17			2		28	13	2		S 14° W		61		42		0·03	0·03	Sarain.	
													Observations not received.																		Kalabagh.	
·063	·111	·136	·108		30	34	37	37		2·4	2·9	2·7		23			1			1	36	1	W		56		135		0	0	Mukteswar.	
·197	·268	·267	·249	—·019	87	83	50	73	— 2	4·8	2·8	3·8	+1·2	62									§	N 72° W		43	11*	22	0	0	Katmandu.	

* Uncorrected for scale error. † Departure from old normal. ‡ Mean of three previous columns. § Indeterminate.

Ta

Abstract of observations taken at 10 hrs. and 16 hrs. a

Number of subdivision.	Station.	Elevation of barometer above sea-level, in feet.	Pressure. Mean of 10 hrs.	Mean of 16 hrs.	Mean daily range.	Mean of daily mean pressures.	Departure from normal.	Mean reduced to sea-level and gravity, 45° Lat.	Temperature of air. Mean maximum.	Mean minimum.	Mean daily range.	Highest maximum.	Lowest minimum.	Absolute range.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	Temperature, wet- Mean minimum.	Mean 10 hrs.	Mean 16 hrs.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	Hill Stations excluding Kashmir and Baluchistan —*concld.*																				
	Ootacamund	*7,327*	23·101	23·031	·070	23·062		22·998	64·8	48·4	16·4	70·8	39·5	31·3	61·1	59·2	55·7		45·5	53·0	53·4
	Kodaikanal	7,688	22·871	22·805	·066	22·838		·773	60·5	50·0	10·5	65·3	45·2	20·1	57·7	56·5	55·3		46·3	53·0	53·2
	Dodabetta	8,539†	·113	·047	·066	·076		·013	56·4	47·1	9·3	59·8	42·8	17·0	53·5	52·8	50·9		41·3	49·0	49·0
	Extra India.																				
	Minicoy	7	29·991	29·903	·088	29·951															
	Zanzibar	72	·926	·810	·116	·872	—·011	29·870	86·6	79·8	6·8	89·6	76·3	13·3	82·8	86·2	82·4	+0·5	74·9	77·7	78·0
	Diego Garcia								Observations not received.												
	Seychelles	15	·958	·869	·089	·923	—·013†	·861	84·0	77·2	6·8	86·3	74·6	11·7	81·7	82·7	79·5	+1·6†	71·7	76·6	76·8
	Mauritius	181							Observations not received.												

N.B.—Elevations in italics indicate barometric determinations.

NOTE.—The barometric readings are not reduced to sea-level, in the cases of hill or plateau stations, the elevations of which exceed 3,500 feet.

† Departure from old normal.

—concluded.

ations in India, etc., in December, 1911—concluded.

Vapour tension, in inches of mercury.					Humidity.					Cloud.				Wind direction.											Wind steadiness		Wind velocity.		Rainfall.		Station.	Number of subdivision.
From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	Mean 10 hrs.	Mean 16 hrs.	Mean of two previous columns	Departure from normal.	Total number of 10 hrs. and 16 hrs. winds from								Mean wind direction.	Normal mean wind direction of month.			Average percentage.	Normal percentage.	Mean velocity in miles per diem.	Normal.	Total rainfall for the month.	Heaviest rainfall during the month.		
														Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.											
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	54	55	56
																															Hill Stations excluding Kashmir and Baluchistan —*concld.*	
·281	·321	·350	·321		81	61	71	70		6·3	7·2	6·7		4	3	11	24	11	4		1	4	N 87° E		58		98		3·37	1·14	Ootacamund.	
·287	·361	·377	·342		78	77	83	79		6·8	7·3	7·1			11	7	21	12				11	N 60° E		50		247*		6·49	1·51	Kodaikanal.	
·204	·302	·312	·272		62	75	79	72		7·5	8·0	7·7		2	10	12	22	10	2			4	N 69° E		61		460		2·95	0·85	Dodabetta.	
																															Extra India.	
										4·0	4·5	4·3			9	21	8	4	2	2	4	12	N 23° E		47		101		6·69	1·69	Minicoy.	
·795	·876	·848	·847	—·016	78	78	68	76	— 2	5·3	2·9	4·1	—0·5		17	25	3	5	5	4	2	1	N 38° E	N 35° E	48	65	123	151	1·86	0·91	Zanzibar.	
												Observations not received.																			Diego Garcia.	
·705	·847	·844	·824	—·008	75	79	75	78	— 5	4·7	5·3	5·0	—1·8†	12	3	4	4			1	6	32	N 39° W	N 44° W	58	55	140*	150	7·08	1·77	Seychelles.	
												servations not received.																			Mauritius.	

* Uncorrected for scale error.

Table B.—Abstract of observations taken at 8 hrs. at 243 stations in India, etc., in December, 1911.

(1) Provincial means.

(2) Data of stations.

(1) Provincial means based on the material in Table B (2) except that the statement of rainfall depends on the complete data of about 2,000 stations.

	Pressure departure from normal.	Temperature of air.								Wind.		Hygrometry.				Cloud.		Rainfall.		
		Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Absolute range during month.	Departure of velocity from normal.	Departure of steadiness from normal.	Mean humidity.	Departure from normal.	Mean vapour tension.	Departure from normal.	Mean cloud amount.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.
Burma	—·017	84·9	+1·6	63·8	+1·5	74·4	+1·5	21·2	30·8	—0·6	—7	84	+1	·593	+·036	3·1	—0·1	0·02	0·26	—0·24
Eastern Bengal and Assam	—·002	75·1	—1·1	52·7	—1·7	63·9	—1·4	22·4	31·7	—0·8	—13	89	—1	·427	—·037	2·0	+0·2	0·07	0·27	—0·20
Bengal	+·012	75·1	—1·7	51·5	—1·8	63·3	—1·8	23·6	32·9	+0·1	—3	81	+2	·380	—·022	1·8	+0·9	0	0·15	—0·15
United Provinces of Agra and Oudh.	+·007	72·7	—2·3	45·9	—1·9	59·3	—2·1	26·7	36·7	—0·4	—6	78	+1	·307	—·015	1·0	—0·5	0·01	0·37	—0·36
Punjab	+·009	70·9	—1·2	41·9	—0·7	56·4	—0·9	29·1	36·9	0	+2	72	0	·227	—·017	1·9	—0·9	0·02	0·46	—0·44
North-West Frontier Province	—·007	68·0	—2·0	39·9	+0·4	53·9	—0·8	28·1	37·5	—0·5	0	75	+4	·211	0	4·0	+0·8	0·50	0·48	+0·02
Sind	+·007	78·0	—0·2	51·7	—0·4	64·8	—0·3	26·3	35·8	—0·6	+10	51	—8	·243	—·036	2·2	—0·2	0	0·11	—0·11
Rajputana	—·003	78·2	+0·3	50·4	+0·8	64·3	+0·5	27·8	37·5	+0·2	+19	50	—9	·218	—·051	1·6	—0·6	0·01	0·33	—0·32
Bombay	—·013	86·9	+1·8	62·6	+3·6	747	+2·7	24·2	33·8	+0·2	+5	54	—5	·402	+·002	2·6	+1·2	0·17	0·14	+0·03
Central India	+·003	77·9	+0·9	50·5	+2·4	64·2	+1·6	27·4	39·1	—0·9	+3	66	+3	·317	+·020	2·5	+1·3	0	0·40	—0·40
Central Provinces	+·002	79·8	+0·3	54·0	+2·2	66·9	+1·3	25·8	38·0	+0·5	+6	66	+3	·352	+·013	2·2	+0·6	0	0·30	—0·30
Hyderabad	—·003	84·0	+0·3	60·4	+2·3	72·2	+1·3	23·7	33·8	—0·5	+13	61	—2	·423	+·009	3·5	+1·5	0·11	0·29	—0·18
Mysore	—·006	80·7	+0·6	61·4	+2·7	71·1	+1·7	19·3	30·3	+0·7	+1	81	+8	·541	+·061	6·0	+2·5	0·28	0·38	—0·10
Madras	—·013	83·8	—0·5	69·2	+1·6	76·5	+0·6	14·5	25·1	+0·7	—3	82	+4	·679	+·037	5·5	+1·8	3·37	2·41	+0·96

Ta

(2) Abstract of observations taken at 8 hrs. at

Number of subdivision.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	I.—Burma.																					
2	Victoria Point	97	29·831		29·857	29·891	25th	29·773	7th	·118	79·2	87·9		74·8		81·3		13·1	90·7	5th, 8th & 14th.	72·7	30th
	Mergui	65	29·915	−·018	29·911	29·987	24th	29·851	6th	·136	77·4	89·5	+2·2	69·6	+2·9	79·5	+2·5	19·9	92·9	17th	61·4	12th
	Tavoy	19	29·978	−·028	29·930	30·047	24th	29·905	6th	·142	74·5	90·9	+3·2	69·4	+4·6	80·2	+3·9	21·5	93·5	20th	61·8	18th
	Moulmein	94	29·923	−·019	29·956	29·987	24th	29·814	7th	·143	73·4	91·5	+4·3	70·2	+3·3	80·8	+3·8	21·3	94·0	4 days	65·3	13th
	Rangoon	18	30·007	−·013	29·963	30·072	24th	29·934	7th	·138	73·1	90·5	+3·2	70·3	+3·0	80·4	+3·1	20·2	93·1	22nd	66·9	14th, 15th & 30th
	Bassein	27?	30·002	−·005	29·966	30·070	24th	29·920	7th	·150	72·0	87·0	+2·6	68·4	+3·3	77·7	+2·9	18·6	89·2	1st & 25th	63·4	14th
	Diamond Island	41	29·976	−·010	29·952	30·045	24th	29·895	5th & 7th.	·150	79·4	86·1	+2·2	72·7	+0·5	79·4	+1·3	13·4	88·4	2nd	70·7	19th, 21st & 30th
	Toungoo	164	29·876	−·003	29·988	29·937	24th	29·792	7th	·145	66·3	84·5	+0·5	62·1	0	73·3	+0·3	22·4	87·5	25th	54·9	20th
	Kyaukpyu	18	30·012		29·970	30·086	24th	29·924	5th	·162	71·9	80·5		64·9		72·7		15·6	87·0	3rd	55·4	27th
	Akyab	20	30·029	−·002	29·990	30·112	24th	29·942	6th	·170	64·2	79·8	−1·9	61·0	−3·0	70·4	−2·5	18·8	86·4	4th	55·0	26th & 28th.
3	Thayetmyo	121	29·919	−·017	29·986	29·984	25th	29·828	5th	·156	66·8	85·0	+0·4	58·0	−0·3	71·5	+0·1	27·0	89·9	1st	51·4	19th
	Minbu	*165*	29·890	−·028	30·004	29·964	22nd	29·797	7th	·167	66·7	84·1	+0·1	60·9	+0·9	72·5	+0·5	23·2	87·3	25th	51·1	21st
	Yamethin	657	29·354	−·044	29·986	29·446	22nd	29·266	5th & 7th.	·180	64·4	86·8	+1·8	59·3	+2·1	73·0	+1·9	27·5	90·8	1st	50·0	21st
	Mandalay	250	29·795	−·021	30·006	29·871	22nd	29·702	5th	·169	61·6	87·0	+4·7?	59·9	+0·6	73·5	+2·7?	27·1	90·0	4 days	53·1	22nd
	Monywa	*280*	29·795		30·036	29·855	22nd	29·696	5th	·159	64·5	82·0		60·2		71·1		21·8	84·3	8th	55·1	23rd
	Lashio	*2,820*	27·237	−·018	30·074	27·295	25th	27·155	5th	·140	54·9	74·6	+0·9						78·3	2nd & 7th		
	Bhamo	*381*	29·704	−·006	30·060	29·776	24th	29·614	5th	·162	57·7	76·8	+0·5	51·6	+0·9	64·2	+0·7	25·2	79·9	18th	42·1	22nd
	Myitkyina	458	29·613		30·057	29·682	24th	29·519	5th	·164	56·2	74·2		50·9		62·6		23·3	77·2	1st	47·5	23rd, 25th & 26th
	II.—Eastern Bengal and Assam.																					
4	Dibrugarh	353	29·737		30·077	29·834	24th	29·646	5th	·188	52·9	71·5		50·0		60·7		21·5	75·4	2nd & 3rd	45·6	26th
	Sibsagar	333	29·776	−·009	30·090	29·876	24th	29·637	5th	·239	54·0	69·6	−1·9	48·9	−1·8	59·2	−1·9	20·7	73·6	1st	44·0	26th & 27th.
	Tezpur	252	29·856		30·080	29·967	24th	29·769	5th	·198	55·1	73·8		50·0§		61·3		23·8	77·6	25th	48·8	27th, 28th, 29th.
	Gauhati	195	29·922		30·084	30·000	24th	29·856	5th	·144	56·5	73·4		50·8		62·1		22·6	76·8	2nd, 3rd & 4th.	46·1	26th
	Dhubri	115	29·982	0	30·057	30·074	24th	29·913	5th	·161	59·0	72·6	−1·7	54·6	−0·5	63·6	−1·1	18·0	75·5	20th	51·1	24th, 26th & 28th
	Silchar	104	29·975	−·006	30·038	30·087	24th	29·870	5th	·217	57·1	79·0	−0·7	51·7	−3·3	65·4	−2·0	27·3	84·3	3rd	45·3	25th
5	Cox's Bazar	36	30·021		30·004	30·124	24th	29·940	5th	·184	63·5	78·5		57·2		67·9		21·3	83·7	5th	50·7	26th
	Chittagong	87	29·982	+·006	30·019	30·083	24th	29·910	5th	·173	59·6	76·9	−1·2	53·8	−4·2	65·4	−2·7	23·1	83·0	4th & 5th	48·0	24th
	Noakhali	43	30·038		30·030	30·140	24th	29·973	5th	·167	59·4	76·1		52·4		64·3		23·7	80·3	4th	46·4	24th
	Barisal	12	30·073	+·009	30·033	30·165	24th	30·004	1st	·161	62·3	76·0	−1·6	53·3	−2·8	64·7	−2·2	22·7	80·3	3rd	46·6	25th
	Comilla	36	30·044		30·028	30·153	24th	29·973	1st	·180	60·2	78·1		53·0		65·5		25·1	83·3	3rd	47·3	24th
	Narayanganj	26	30·051	+·005	30·027	30·160	24th	29·986	5th	·174	59·8	76·2	−1·8	55·4	−1·9	65·8	−1·9	20·8	80·5	3rd	49·8	24th
	Faridpur	46	30·047		30·045	30·144	24th	29·991	1st & 5th	·153	60·1	74·8		53·2		64·0		21·6	77·8	3rd & 5th	47·4	24th
	Sirajganj	49	30·039		30·040	30·150	24th	29·981	1st	·169	57·7	74·2		54·6		64·4		19·6	78·4	3rd	49·3	23rd
	Mymensingh	63	30·027	+·001	30·045	30·135	24th	29·961	5th	·174	56·8	76·3	+0·1	53·9	−0·7	65·1	−0·3	22·4	80·1	4th	48·6	24th
	Bogra	75	30·015	+·002	30·045	30·117	24th	29·960	5th	·157	57·5	74·9	−2·0	52·9	−1·1	63·9	−1·5	22·0	78·2	3rd	46·2	23rd
	Rampur Boalia	70	† 30·047		† 30·070	30·121	25th	29·990	5th	·131	58·5	74·5		52·7		63·6		21·8	79·1	3rd	47·1	23rd & 24th.
	Malda	72	30·038		30·066	30·109	22nd	29·987	11th	·122	† 59·8	73·2		50·2		61·7		23·0	77·8	18th	43·5	23rd
	Dinajpur	123	29·961	−·002	30·046	30·053	24th	29·887	5th	·166	55·0	75·1	−1·8	50·1	−1·3	62·6	−1·5	25·0	78·3	3rd & 4th	44·5	23rd & 24th.
	Rangpur	123	‡ 29·985		30·071‡	30·073	24th	29·926	7th	·147	58·0	74·6		51·4		63·0		23·2	77·6	2nd	46·0	23rd

N.B.—Elevations in italics indicate barometrical determinations.

NOTE.—The barometric readings are not reduced to sea-level, in the case of hill or plateau stations, the elevations of which exceed 2,000 feet.

† Mean of 30 days.
‡ " " 25 "
§ " " 6 "

B.

stations in India, etc., in December, 1911.

Wind direction. Number of winds from Calm. (25)	N. (26)	N.E. (27)	E. (28)	S.E. (29)	S. (30)	S.W. (31)	W. (32)	N.W. (33)	Resultant direction. (34)	Normal direction. (35)	Wind velocity. Mean velocity, miles per hour. (36)	Normal. (37)	Departure from normal. (38)	Wind steadiness. Actual percentage. (39)	Departure from normal. (40)	Hygrometry, 8 hrs. Mean humidity at 8 hrs. (41)	Departure from normal. (42)	Mean vapour tension at 8 hrs. in inches of mercury. (43)	Departure from normal in inches of mercury. (44)	Cloud. Mean cloud amount at 8 hrs. (45)	Departure from normal. (46)	Rainfall. Number of rainy days. (47)	Normal number of rainy days. (48)	Departure from normal. (49)	Rainfall of month. (50)	Normal rainfall of month. (51)	Departure from normal. (52)	Total rainfall from 1st to 31st Dec., 1911. (53)	Normal rainfall for period, 1st to 31st Dec. (54)	Departure from normal of period, 1st to 31st Dec., 1911. (55)	Heaviest rainfall during month. (56)	Station. (57)
																																I.—Burma.
	8	14	7					2	N 39° E		5·9*			79		78		·773		6·9		6			1·44			1·44			0·44	Victoria Point.
25	2	2		1			1		N 22° E	N 14° E	3·2	1·8	+1·4	10	−55	83	+ 9	·763	+ ·097	1·5	−1·9	2	0·70	+1·30	0·30	0·37	+0·53	0·90	0·37	+ 0·53	0·61	Mergui.
31									(a)	N 30° E	1·1*	1·2	−0·1			89	+ 8	·768	+·119	2·5	−0·2	0	0·20	−0·20	0	0·21	−0·21	0	0·21	−0·21	0	Tavoy.
1	1	10	19						N 73° E	N 50° E	4·0	2·7	+1·3	89	+32	87	+ 4	·714	+·069	2·0	−0·5	0	0·20	−0·20	0	0·07	−0·07	0	0·07	−0·07	0	Moulmein.
	10	16	5						N 37° E	N 44° E	1·9	4·5	−2·6	86	+14	79	− 4	·651	+·035	4·7	+2·4	0	0·40	−0·40	0	0·15	−0·15	0	0·15	−0·15	0	Rangoon.
26	1	4							N 37° E	N 40° E	3·5	3·5	0	17	−48	86	+ 1	·682	+·077	1·1	−1·8	0	0·50	−0·50	0	0·29	−0·29	0	0·29	−0·29	0	Bassein.
	7	21	2					1	N 36° E	N 42° E	9·0	8·9	+0·1	89	+ 3	75	+ 1	·757	+ ·090	3·0	−0·4	0	0·90	−0·90	0	0·75	−0·75	0	0·75	−0·75	0	Diamond Island.
2	14	8						7	N 2° E	N 10° W	1·8	2·1	−0·3	82	+10	89	0	·571	+·006	3·6	+1·3	0	0·40	−0·40	0	0·24	−0·24	0	0·24	−0·24	0	Toungoo.
4	5	15	6	1					N 50° E		3·2*			76		81		·642		2·5		0			0			0			0	Kyaukpyu.
2	20	8						1	N 11° E	N 18° E	2·9	2·4	0·5	83	+ 7	89	0	·533	−·039	3·0	+0·7	1	0·70	+0·23	0·17	0·73	−0·56	0·17	0·73	−0·56	0·17	Akyab.
3	5	2				1			N 7° E	N 16° E	1·4*	3·6	−2·2	20	−34	83	+ 6	·552	+·058	3·1	+1·4	0	0·40	−0·40	0	0·20	−0·20	0	0·20	−0·20	0	Thayetmyo.
1		1						29	N 43° W	N 50° W	3·3	6·9	−3·6	92	+18	74	− 3	·481	−·013	3·7	+1·6	0	0·30	−0·30	0	0·46	−0·46	0	0·46	−0·46	0	Minbu.
5	7							9	N 25° W	N 13° W	1·4	3·4	−2·0	46	+ 5	85	− 1	·501	−·006	1·9	+0·8	0	0·70	−0·70	0	0·35	−0·35	0	0·35	−0·35	0	Yamethin.
0	2	1	1	3		1		3	N 27° E	N 4° W	2·2	1·9	+0·3	7	−29	83	− 4	·498	−·036	2·0	−0·4	0	0·70	−0·70	0	0·38	−0·33	0	0·33	−0·33	0	Mandalay.
7	20	1						3	N 3° W		2·6			76		85		·526		6·0		0	0·30	−0·30	0	0·37	−0·37	0	0·37	−0·37	0	Monywa.
6		4	1						N 53° E		2·1*			17		82	− 1	·403	+·020	4·1	−2·2	0			0	0·76	−0·76	0	0·76	−0·76	0	Lashio.
3	1	6	1						N 45° E	N 1° E	1·4	1·6	−0·2	27	− 2	94	+ 1	·451	+·029	1·9	−1·8	0	1·00	−1·00	0	0·56	−0·56	0	0·56	−0·56	0	Bhamo.
0	1	4	3	1	2				N 81° E		1·1			23		89		·400		2·9		0			0	0·51	−0·51	0	0·51	−0·51	0	Myitkyina.
																																II.—Eastern Bengal and Assam.
1									(a)		0·1					99		·396		0·9		1	1·40	−0·40	0·29	0·36	−0·07	0·29	0·36	−0·07	0·27	Dibrugarh.
0								1	N 45° W	N 63° E	0·7	1·6	−0·9	3	−26	97	− 2	·407	−·011	7·3	+2·0	1	1·90	−0·90	0·43	0·49	−0·06	0·43	0·49	−0·06	0·43	Sibsagar.
7	3	11	9				1		N 56° E		2·3			62		95		·400		1·0		0	1·00	−1·00	0·08	0·25	−0·17	0·08	0·25	−0·17	0·07	Tezpur.
1									(a)		1·2					96		·439		9·2		0	0·70	−0·70	0	0·09	−0·09	0	0·09	−0·09	0	Gauhati.
5		15	9			2			N 63° E	N 54° E	3·9	4·6	−0·7	66	− 6	88	− 3	·440	− 007	0	−1·6	0	0·20	−0·20	0	0·05	−0·05	0	0·05	−0·05	0	Dhubri.
1									(a)	S 81° E	1·0	1·5	−0·5			88	− 2	·414	−·058	0·7	−3·3	0	0·80	−0·80	0	0·43	−0·43	0	0·43	−0·43	0	Silchar.
1	14	14	2						N 27° E		3·7*			89		86		·507		3·3		0			0·01			0·01			0·01	Cox's Bazar.
4	1	25	1						N 45° E	N 32° E	1·8	2·8	−1·0	89	+15	86	− 4	·437	−·076	1·6	−0·9	0	0·81	−0·81	0·08	0·79	−0·71	0·08	0·79	−0·71	0·08	Chittagong.
2	17	9						3	N 9° E		2·2			81		88		·446		1·8		0	0·48	−0·48	0	0·31	−0·31	0	0·31	−0·31	0	Noakhali.
24	3	1	1					2	N 3° E	N 11° E	0·3	1·6	−1·3	16	− 2	80	− 7	·448	−·059	2·2	+1·0	0	0·52	−0·52	0	0·47	−0·47	0	0·47	−0·47	0	Barisal.
31									(a)		0·8					88		·464		0·6		0	0·45	−0·45	0	0·22	−0·22	0	0·22	−0·22	0	Comilla.
19	5	1						6	N 20° W	N 5° W	1·1	2·1	−1·0	33	−14	84	− 3	·430	−·056	2·5	+0·2	0	0·44	−0·44	0	0·17	−0·17	0	0·17	−0·17	0	Narayanganj.
13	8							10	N 25° W		1·7			55		84		·438		1·0		0	0·26	−0·26	0	0·08	−0·08	0	0·08	−0·08	0	Faridpur.
8	5	1					3	14	N 37° W		1·8			65		89		·425		2·4		0	0·39	−0·39	0	0·09	−0·09	0	0·09	−0·09	0	Sirajganj.
31									(a)	N 36° E	0·3	1·0	−0·7			91	0	·426	−·043	3·9	+2·4	0	0·26	−0·26	0	0·07	−0·07	0	0·07	−0·07	0	Mymensingh.
20	6						1	4	N 23° W	N 1° W	1·0	1·4	−0·4	33	−12	87	+ 2	·416	−·015	2·6	+2·4	0	0·23	−0·23	0	0·03	−0·03	0	0·03	−0·03	0	Bogra.
26	3	1						1	N		1·0			13		81		·399		1·4		0	0·22	−0·22	0	0·03	−0·03	0	0·03	−0·03	0	Rampur Boalia.
3	5					2	4	17	N 47° W		3·4*			74		86†		·44 †		0		0	0·19	−0·19	0	0·02	−0·02	0	0·02	−0·02	0	Malda.
3	3	6	1	1		2	9	6	N 43° W	N 12° W	1·5	1·9	−0·4	43	−11	90	+ 4	·392	−·018	0·9	+0·2	0	0·32	−0·32	0	0·03	−0·03	0	0·03	−0·03	0	Dinajpur.
23	1	3	2			1	1		N 45° E		0·9			10		88		·421		0·9		0	0·23	−0·23	0	0·04	−0·04	0	0·04	−0·04	0	Rangpur.

* Uncorrected for scale error.

(a) Indeterminate.

Ta

(2) *Abstract of observations taken at 8 hrs. at 243 stat*

Number of subdivision.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	II.—Eastern Bengal and Assam—*concld.*																					
5	Jalpaiguri	283	29·797	—·018	30·056	29·890	24th	29·730	5th	·160	55·8	76·4	+1·2	53·2	+0·3	64·6	+0·7	23·2	79·9	4th	49·9	4 days
	Cooch Behar	156	29·935		30·058	30·036	24th	29·866	5th	·170	55·2	74·5		53·4		63·9		21·1	76·8	2nd, 3rd & 4th.	49·6	24th
	III.—Bengal.																					
6	Saugor Island	25	30·077	+·011	30·048	30·162	24th	30·013	1st	·149	61·0	75·3	—1·0	56·5	—2·6	65·9	—1·8	18·8	79·7	1st	51·2	24th
	Midnapore	149	29·944		30·049	30·016	25th	29·887	1st	·129	59·9	79·0		52·9		66·0		26·1	83·3	19th	48·7	23rd
	Calcutta	21	30·083	+·010	30·051	30·167	24th	30·028	1st	·139	57·7	76·8	+0·3	53·7	—2·3	65·2	—1·0	23·1	79·9	19th	48·5	23rd
	Jessore	33	30·070	+·020	30·051	30·152	24th	30·002	5th	·150	58·2	75·0	—2·6	51·1	—3·8	63·0	—3·2	23·9	79·0	3rd	43·7	24th
	Krishnagar	47	30·061‡		30·061‡	30·137	24th	30·004	1st	·133	55·7	76·7		51·2		64·0		25·5	81·4	26th	41·5	23rd
	Burdwan	99	30·010	+·010	30·063	30·093	25th	29·956	11th	·137	58·5	77·2	—1·0	53·4	—2·6	65·3	—1·8	23·8	79·9	3rd, 5th & 19th.	47·8	23rd & 24th.
	Bankura	313	29·789		30·072	29·856	24th	29·732	12th	·124	59·9	76·3		52·2		64·3		24·1	81·6	11th	48·2	23rd
	Raniganj	334	29·769		30·082	29·854	22nd	29·705	5th	·149	54·4	75·5		51·6		63·5		23·9	78·5	19th	47·5	23rd
	Berhampore	67	30·040	+·010	30·061	30·141	24th	29·986	5th & 11th.	·155	56·3	74·1	—2·4	53·3	—2·0	63·8	—2·2	20·8	77·6	3rd	48·2	24th
	Balasore	50	30·066	+·009	30·064	30·141	25th	30·006	1st	·135	60·0	79·6	—0·4	54·1	—0·9	66·9	—0·7	25·5	82·9	14th	48·6	8th & 31st.
	False Point	21	30·077	+·005	30·041	30·162	25th	29·998	1st	·164	63·2	77·4	—0·5	55·8	—1·5	66·6	—1·0	21·6	81·2	1st	49·6	23rd, 26th & 31st.
	Cuttack	80	30·030	+·018	30·056	30·107	24th	29·952	1st	·155	62·1	79·1	—3·0	58·7	0	68·9	—1·5	20·4	82·4	14th & 15th.	52·7	22nd
	Puri	24	30·071		30·034	30·153	24th	29·982	1st	·171	65·1	80·1		61·5		70·8		18·6	83·1	1st & 14th.	56·1	29th & 31st.
	Angul	155	29·648		30·089	29·735	25th	29·567	1st	·168	62·2	79·6		54·5		67·1		25·1	85·1	1st	47·0	22nd & 31st.
	Sambalpur	486	29·627	+·017	30·089	29·704	22nd	29·525	1st	·179	60·3	78·7	—1·1	54·3	+0·3	66·5	—0·4	24·4	84·6	13th	45·1	31st
8	Chaibassa	*733*	29·343	+·005	30·076	29·416	25th	29·286	11th	·130	54·2	76·7	—2·6	50·7	—0·5	63·7	—1·5	26·0	80·1	4 days.	43·3	31st
	Ranchi	2,128	27·916	+·008	30·080	27·992	25th	27·856	7th	·136	54·5	71·1	—2·6	49·9	—0·7	60·5	—1·7	21·2	74·2	2nd & 12th.	42·9	30th
	Purulia	*816*	28·257		30·072	28·358	25th	29·160	14th	·198	57·0	76·8		52·5		64·6		24·3	80·5	21st	47·6	23rd
	Hazaribagh	2,007	28·052	+·024	30·096	28·121	25th	27·995	11th	·126	55·5	70·1	—2·1	48·9	—1·6	59·5	—1·9	21·2	73·6	3rd & 12th.	44·0	22nd & 30th.
	Daltonganj	*780*	29·370§		30·117§	29·442	28th	29·314	30th	·128	50·0	74·4		46·2		60·3		28·2	79·1	12th	40·5	22nd
9	Purnea	134	29·981	+·017	30·079	30·065	25th	29·905	5th	·160	53·9	73·6	—2·2	48·3	—1·4	61·0	—1·8	25·3	77·1	3rd	42·2	21st & 31st.
	Bhagalpur	160	29·957†		30·080†	30·044	24th	29·890	7th	·154	57·8	74·3		49·0†		61·6†		25·3	77·2	3rd, 4th & 15th.	43·8	24th
	Monghyr	155	29·970		30·088	30·074	24th	29·893	11th	·181	58·6	72·5		51·3		61·9		21·2	76·2	3rd	46·9	22nd & 24th.
	Darbhanga	165	29·937	+·005	30·066	30·031	24th	29·875	11th	·156	55·7	73·7	—0·8	48·6	—5·1	61·2	—2·9	25·1	77·6	4th	44·7	22nd & 23rd.
	Pusa	188	29·902		30·058	29·993	25th	29·841	11th	·152	53·2	73·5		48·1		60·8		25·4	77·1	14th	43·1	22nd
	Muzaffarpur	177	29·945		30·091	30·031	25th	29·884	5th	·147	55·5	72·7		48·3		60·5		24·4	76·7	14th	43·0	22nd
	Motihari	221	29·876		30·072	29·974	25th	29·809	5th	·165	52·0	72·5		48·8		60·7		23·7	76·6	3rd	45·3	22nd & 23rd.
	Chapra	181	29·927		30·076	30·016	25th	29·855	10th	·161	53·9	71·9		49·2		60·5		22·7	75·8	14th	42·8	20th
	Patna	183	29·931	—·001	30·080	30·021	25th	29·871	10th & 11th.	·150	58·4	71·2	—3·0	49·9	—1·7	60·5	—2·3	21·3	74·5	15th	45·2	23rd
	Arrah	190	29·910		30·068	29·995	25th	29·843	10th	·152	53·1	72·3		48·4		60·3		23·9	76·1	14th	43·3	22nd
	Buxar	239	29·863†		30·078†	29·960	25th	29·794	10th	·166	52·5	74·0		48·8		61·4		25·2	78·0	11th	42·1	31st
	Dehri	351	29·745		30·076	29·830	25th	29·684	11th	·146	56·5	74·2		52·4		63·3		21·8	78·3	11th & 14th.	49·0	22nd & 30th.
	Gaya	372	29·736	+·005	30·086	29·815	25th	29·656	11th	·159	54·6	74·2	—2·0	49·5	—2·0	61·9	—2·0	24·7	77·9	11th & 12th.	44·7	23rd
	Naya Dumka	489	29·611	+·033	30·085	29·693	24th & 25th.	29·542	11th	·151	53·2	74·0	—1·7	48·4	—2·9	61·3	—2·3	25·6	77·4	3rd	44·0	23rd & 24th.
	IV.—United Provinces of Agra and Oudh.																					
10	Gorakhpur	257	29·832	+·002	30·065	29·936	25th	29·763	10th	·173	53·9	71·9	—2·3	47·3	—3·1	59·6	—2·7	24·6	75·6	14th	43·3	22nd & 23rd.
	Benares	267	29·849	+·015	30·088	29·933	25th	29·780	11th	·153	54·8	73·7	—1·3	45·6	—2·6	59·6	—1·9	28·1	78·6	14th	40·1	22nd
	Allahabad	308	29·804	+·010	30·091	29·898	25th	29·730	11th	·166	53·6	73·7	—2·6	46·4	—1·4	60·0	—1·7	27·3	78·6	12th	41·5	22nd & 23rd.

N.B.—Elevations in italics indicate barometrical determinations.
NOTE.—The barometric readings are not reduced to sea-level, in the case of hill or plateau stations, the elevations of which exceed 3,000 feet.

† Mean of 30 days.
‡ " 26 "
§ " 28 "

B—*continued.*

in India, etc., in December, 1911—continued.

Wind direction. Number of winds from Calm. (25)	N. (26)	N.E. (27)	E. (28)	S.E. (29)	S. (30)	S.W. (31)	W. (32)	N.W. (33)	Resultant direction. (34)	Normal direction. (35)	Wind velocity. Mean velocity, miles per hour. (36)	Normal. (37)	Departure from normal. (38)	Wind steadiness. Actual percentage. (39)	Departure from normal. (40)	Hygrometry, 8 hrs. Mean humidity at 8 hrs. (41)	Departure from normal. (42)	Mean vapour tension at 8 hrs. in inches of mercury. (43)	Departure from normal, in inches of mercury. (44)	Cloud. Mean cloud amount at 8 hrs. (45)	Departure from normal. (46)	Rainfall. Number of rainy days. (47)	Normal number of rainy days. (48)	Departure from normal. (49)	Rainfall of month. (50)	Normal rainfall of month. (51)	Departure from normal. (52)	Total rainfall from 1st to 31st Dec., 1911. (53)	Normal rainfall for period, 1st to 31st Dec. (54)	Departure from normal of period, 1st to 31st Dec., 1911. (55)	Heaviest rainfall during month. (56)	Station. (57)
																																II.—Eastern Bengal and Assam—*concld.*
29								2	N 45° W	N 12° E	1·1			3	−51	89	0	·401	−·031	0·2	−0·8	0	0·23	−0·23	0	0·08	−0·03	0	0·08	−0·08	0	Jalpaiguri.
30			1						E		1·0			3		93		·408		0·3		0	0·27	−0·27	0	0·07	−0·07	0	0·07	−0·07	0	Cooch Behar.
																																III.—Bengal.
	19	11						1	N 15° E	N 15° E	6·7	7·1	−0·4	92	+10	93	+ 5	·495	−·028	3·2	+0·7	0	0·58	−0·58	0	0·33	−0·33	0	0·33	−0·33	0	Saugor Island.
1	13	1	1		1		2	12	N 23° W		2·3			74		68		·351		2·2		0	0·28	−0·28	0	0·25	−0·25	0	0·25	−0·25	0	Midnapore.
8	5	2						16	N 29° W	N 4° W	3·2*	2·5	+0·7	69	+19	82	+ 1	·395	−·027	2·1	+1·0	0	0·38	−0·38	0	0·21	−0·21	0	0·21	−0·21	0	Calcutta.
18	7						1	5	N 23° W	N 11° W	1·7	1·5	+0·2	40	+ 1	81	− 5	·398	−·060	1·0	−0·2	0	0·35	−0·35	0	0·19	−0·19	0	0·19	−0·19	0	Jessore.
27	1						1	2	N 45° W		0·9			10		84		·371		1·4		0	0·16	−0·16	0	0·06	−0·06	0	0·06	−0·06	0	Krishnagar.
18	4						2	7	N 38° W	N 22° W	0·9	1·6	−0·7	37	− 2	74	+ 3	·365	−·020	3·2	+1·8	0	0·23	−0·23	0	0·16	−0·16	0	0·16	−0·16	0	Burdwan.
23							4	4	N 67° W		1·8			23		66		·335		0·6		0	0·34	−0·34	0	0·09	−0·09	0	0·09	−0·09	0	Bankura.
21	1							9	N 41° W		1·5			29		83		·355		2·0		0	0·26	−0·26	0	0·09	−0·09	0	0·09	−0·09	0	Raniganj.
28			1				1	1	N 45° W	N 41° W	0·4	1·4	−1·0	3	−37	83	− 3	·382	−·054	2·2	+0·8	0	0·34	−0·34	0	0·11	−0·11	0	0·11	−0·11	0	Berhampore.
2	10	3						15	N 20° W	N 25° W	1·5	2·1	−0·6	82	+10	72	−10	·370	−·077	3·0	+0·9	0	0·52	−0·52	0	0·26	−0·26	0	0·26	−0·26	0	Balasore.
4	12	1						14	N 22° W	N 17° W	4·2	5·8	−1·6	82	− 4	82	− 2	·473	−·042	5·1	+2·6	0	0·68	−0·68	0	0·77	−0·77	0	0·77	−0·77	0	False Point.
23		4	3				1		N 59° E	N 48° W	1·2*	1·2	0	20	+ 6	79	+ 4	·446	−·001	4·2	+2·3	0	0·58	−0·58	0	0·35	−0·35	0	0·35	−0·35	0	Cuttack.
	22	7						2	N 6° E		6·2			90		78		·482		4·5		0	0·61	−0·61	0	0·43	−0·43	0	0·43	−0·43	0	Puri.
1		1			1	1	2	25	N 58° W		4·5			84		77		·434		2·6		1			0·15	0·53	−0·38	0·15	0·53	−0·38	0·15	Angul.
	5	7	5	2	8	1		3	N 77° E	N 16° E	4·1	2·5	+1·6	30	−51	78	+ 4	·416	+·010	3·5	+1·8	0	0·30	−0·30	0	0·28	−0·28	0	0·28	−0·28	0	Sambalpur.
16	1				2	9	3		S 52° W	S 68° W	1·8	1·0	+0·8	37	− 3	86	+ 6	·367	−·008	3·4	+2·0	0	0·65	−0·65	0	0·24	−0·24	0	0·24	−0·24	0	Chaibassa.
8	3		1			1	5	13	N 50° W	N 68° W	6·1	4·3	+1·8	56	+17	70	+ 5	·302	−·007	3·0	+1·8	0	0·48	−0·48	0	0·22	−0·22	0	0·22	−0·22	0	Ranchi.
19							8	4	N 75° W		1·7			36		80		·379		0·3		0	0·29	−0·29	0	0·17	−0·17	0	0·17	−0·17	0	Purulia.
11	1		1	1	1	3	5	8	N 76° W	N 86° W	5·6	5·2	+0·4	37	− 3	65	0	·287	−·023	1·7	+0·3	0	0·52	−0·52	0	0·22	−0·22	0	0·22	−0·22	0	Hazaribagh.
30				1					S 45° E		1·6			3		97		·353		1·8		0	0·55	−0·55	0	0·24	−0·24	0	0·24	−0·24	0	Daltonganj.
23						1	3	4	N 72° W	S 88° W	1·2	1·5	−0·3	23	+ 4	92	+ 1	·380	−·003	0·2	−0·7	0	0·23	−0·23	0	0·10	−0·10	0	0·10	−0·10	0	Purnea.
31									(a)		1·8					75		·359		0·1		0	0·26	−0·26	0	0·04	−0·04	0	0·04	−0·04	0	Bhagalpur.
4						6	13	3	S 85° W		3·0			78		82		·406		0·6		0			0			0			0	Monghyr.
21					1	5	4		S 59° W	N 86° W	1·2	2·0	−0·8	27	− 3	91	+ 5	·405	−·004	0·5	0	0	0·23	−0·23	0	0·06	−0·06	0	0·06	−0·06	0	Darbhanga.
17				1	3	7	3		S 38° W		5·4			36		82		·374		0·4		0			0			0			0	Pusa.
30								1	N 45° W		4·1*			3		87		·379		0·1		0	0·19	−0·19	0	0·05	−0·05	0	0·05	−0·05	0	Muzaffarpur
29							1	1	N 63° W		1·1			6		94		·365		1·6		0	0·47	−0·47	0	0·16	−0·16	0	0·16	−0·16	0	Motihari.
									?							96		·404		0·8		0	0·29	−0·29	0	0·13	−0·13	0	0·13	−0·13	0	Chapra.
11				1	2	9	7	1	S 58° W	S 76° W	3·2	1·9	+1·3	49	− 5	76	+ 1	·376	+·004	0·3	−0·6	0	0·35	−0·35	0	0·09	−0·09	0	0·09	−0·09	0	Patna.
12					1	11	7		S 59° W		5·9			55		86		·349		1·5		0	0·35	−0·35	0	0·17	−0·17	0	0·17	−0·17	0	Arrah.
		1	1	1	6	12	9	1	S 49° W		4·7			68		83		·330		1·1		0	0·45	−0·45	0	0·21	−0·21	0	0·21	−0·21	0	Buxar.
6					8	14	3		S 36° W		2·7			71		84		·387		0·3		0	0·44	−0·41	0	0·23	−0·23	0	0·23	−0·23	0	Dehri.
24					1	1	5		S 73° W	S 15° W	2·3	2·4	+0·1	23	− 9	81	+10	·347	+·005	1·2	−0·3	0	0·35	−0·35	0	0·14	−0·14	0	0·14	−0·14	0	Gaya.
31									(a)		1·0					69		·314		1·5		0	0·33	−·033	0	0·16	−0·16	0	0·16	−0·16	0	Naya Dumka.
																																IV.—United Provinces of Agra and Oudh.
29				1			1		S 23° W	N 69° W	1·5	1·1	+0·4	2	−30	87	+ 6	·362	−·012	0·3	−0·7	0	0·40	−0·40	0	0·15	−0·15	0	0·15	−0·15	0	Gorakhpur.
20					2	8	1		S 41° W	S 56° W	1·5	2·3	−0·8	33	+ 4	80	− 4	·346	−·009	1·1	−0·2	0	0·40	−0·40	0	0·25	−0·25	0	0·25	−0·25	0	Benares.
20			1	1		1	7	1	S 84° W	N 76° W	1·7	3·0	−1·3	23	− 6	79	+ 2	·326	−·027	1·2	−0·1	0	0·50	−0·50	0	0·27	−0·27	0	0·27	−0·27	0	Allahabad.

* Uncorrected for scale error.

(a) Indeterminate.

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(2) *Abstract of observations taken at 8 hrs. at 243 sta*

Number of subdivision.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and constant gravity, at 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	IV.—United Provinces of Agra and Oudh—*concld.*																					
10	Cawnpore	416	29·679	+·001	30·083	29·765	25th	29·608	11th	·157	51·8	73·8	−2·5	46·0	−1·6	59·9	−2·1	27·8	78·7	12th	39·9	22nd
	Lucknow	368	29·737	+·015	30·089	29·814	25th	29·668	10th	·146	51·0	72·8	−2·9	45·6	−0·6	59·2	−1·7	27·2	77·5	12th	40·6	8th
	Bahraich	401	29·671	−·006	30·063	29·769	25th	29·608	10th	·161	52·1	71·5	−3·5	46·4	−1·6	59·0	−2·5	25·1	76·6	14th	42·5	21st
11	Jhansi	824	29·283	+·011	30·116	29·365	25th	29·187	12th	·178	55·7	76·4	−2·0	48·1	−3·8	62·3	−2·9	28·3	82·5	12th	43·0	22nd
	Agra	556	29·547	+·004	30·104	29·636	25th	29·455	11th	·181	53·1	74·6	−1·5	48·1	−0·7	61·3	−1·1	26·5	79·0	10th	44·0	22nd
	Mainpuri	516	29·577	+·007	30·095	29·665	25th	29·502	11th	·163	49·8	72·2	−2·9	45·2	−2·1	58·7	−2·5	27·0	77·3	12th	39·1	22nd
	Bareilly	568	29·498	−·002	30·073	29·592	25th	29·431	10th	·161	50·2	71·2	−1·6	44·4	−1·6	57·8	−1·6	26·8	77·3	14th	39·0	22nd
	Meerut	733																				
	Roorkee	899	29·172	+·021	30·113	29·258	25th	29·089	10th	·169	46·6	67·6	−4·8?	42·2	−1·3	54·9	−3·1?	25·4	73·0	13th	38·4	24th & 28th
	Dehra Dun	2,233																				
	V.—Punjab.																					
12	Delhi	718	29·364	+·007	30·100	29·446	25th	29·276	12th	·170	51·9	71·4	−2·3	47·7	−1·2	59·6	−1·7	23·7	78·0	13th	43·3	1st
	Sirsa	662	29·432	+·014	30·118	29·504	13th	29·329	11th	·175	47·2	74·1	−0·8	41·6	−1·1	57·9	−0·9	32·5	76·8	13th	38·0	4th, 6th & 15th
	Patiala	*818*	29·233		30·086?	29·323	4th	29·137	12th	·186	45·8	70·2		41·9		56·1		28·3	75·4	11th	38·2	7th
	Ambala	892	29·171	+·011	30·108	29·247	25th	29·092	10th	·155	45·6	71·9	−0·2	40·0	−3·5?	56·0	−1·9?	31·9	74·5	5 days	35·9	6th
	Ludhiana	812	29·262	+·017	30·113	29·331	13th	29·163	11th	·168	45·8	70·0	−1·0	42·9	−1·1	56·4	−1·1	27·1	73·0	12th	39·5	6th
	Lahore	702	29·377	+·004	30·118	29·460	9th	29·266	11th	·194	43·0	72·0	−1·2	40·3	0	56·1	−0·6	31·7	75·4	1st&2nd	37·2	4th&22nd
	Sialkot	830	29·254	+·027	30·129	29·341	13th	29·145	11th	·196	46·3	69·3	−0·8	40·0	−2·5	54·6	−1·7	29·3	74·0	2nd	35·5	22nd&23rd
	Rawalpindi	1,674	28·380	−·006	30·161	28·469	13th	28·234	11th	·255	42·4	65·1	−2·5	37·7	+0·6	51·4	−0·9	27·4	69·9	3rd	32·9	5th
13	Khushab	612	29·487	0	30·124	29·606	13th	29·339	11th	·267	48·2	72·7	+1·0	42·0	+0·1	57·3	+0·5	30·7	76·4	1st, 3rd & 30th	36·4	4th
	Montgomery	558	29·543	+·003	30·118	29·641	13th	29·407	11th	·234	48·1	72·2	−0·7	41·4	−1·6	56·8	−1·1	30·8	75·9	3rd	37·0	5th
	Multan	420	29·706	+·009	30·126	29·838	13th	29·546	11th	·292	50·1	71·5	−2·4	44·6	+0·2	58·1	−1·1	26·9	74·3	1st, 12th & 20th	42·0	14th
	VI.—North-West Frontier Province.																					
15	Peshawar	1,113	28·986	−·008	30·176	29·136	13th	28·829	11th	·307	42·4	65·5	−2·0	38·8	−0·2	52·1	−1·1	26·7	71·7	3rd	32·9	5th
	D. I. Khan	590	29·526	−·006	30·142	29·661	13th	29·356	11th	·305	44·7	70·5	−2·0	41·1	+1·0	55·8	−0·5	29·4	73·4	1st, 3rd & 10th	37·1	22nd
	VII.—Sind.																					
17	Jacobabad	186	29·952	+·015	30·113	30·082	13th	29·795	11th	·287	51·0	76·6	−0·1	44·1	+0·1	60·3	0	32·5	80·1	5th &7th	38·8	14th
	Hyderabad	96	30·031	0	30·085	30·136	14th	29·911	7th	·225	57·3	78·6‡	−0·5‡	52·1	−0·1	65·3‡	−0·3	26·5	84·0	31st	45·5	16th
	Karachi	13	30·116	+·005	30·081	30·214	14th	29·993	7th	·221	62·6	78·8	+0·1	58·9	−1·3	68·9	−0·6	19·9	83·0	1st &4th	55·5	7th
	VIII.—Rajputana.																					
18	Bikaner	*771*	29·308	−·011	30·101	29·407	13th	29·178	11th	·229	51·6	76·0	+0·7	46·9	−4·4?	61·4	−1·9?	29·1	80·0	12th & 26th	43·5	6th
	Jodhpur	780	29·301	+·006	30·083	29·367	20th	29·174	7th	·213	58·6	81·8	+1·6	53·5	+0·3	67·6	+0·9	28·3	84·5	2nd,25th & 26th	48·3	21st
19	Jaipur	1,431	28·645	−·003	30·111	28·722	25th	28·529	11th	·193	56·6	78·3	+0·6	48·8	−0·3	63·6	+0·1	29·5	82·7	10th & 13th	40·6	21st
	Ajmer	1,611	28·469	−·002	30·155	28·551	24th	28·351	11th	·200	51·0	74·6	−1·7	49·5	+3·9	62·0	+1·1	25·1	78·9	10th	44·2	21st
	Kotah	819?	29·245	−·006	30·069	29·341	25th	29·136	11th	·205	58·8	80·3	+0·8	53·4	−0·8	66·8	0	26·9	86·6	12th	48·6	22nd
	Udaipur	1,925																				
	IX.—Bombay.																					
20	Deesa	466	29·595	−·017	30·036	29·669	20th	29·498	7th	·171	63·9	90·0	+4·6	56·7	+4·0	73·4	+4·3	33·3	93·3	1st & 10th	51·9	19th
	Bhuj	395	29·685	0	30·051	29·762	20th	29·583	7th	·179	62·9	84·1	+1·9	57·0	+0·9	70·6	+1·4	27·1	89·5	2nd	52·5	6th

B—*continued.*

in India, etc., in December, 1911—continued.

Wind direction. Number of winds from Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Resultant direction.	Normal direction.	Wind velocity. Mean velocity, miles per hour.	Normal.	Departure from normal.	Wind steadiness. Actual percentage.	Departure from normal.	Hygrometry, 8 hrs. Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs. in inches of mercury.	Departure from normal in inches of mercury.	Cloud. Mean cloud amount at 8 hrs.	Departure from normal.	Rainfall. Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st to 31st Dec., 1911.	Normal rainfall for period, 1st to 31st Dec.	Departure from normal of period, 1st to 31st Dec., 1911.	Heaviest rainfall during month.	Station.
26	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	54	55	56	57
																																IV.—United Provinces of Agra and Oudh—*contd.*
15		2			1	7	5	1	S 67° W	N 82° W	1·7	2·4	−0·7	33	+ 4	78	+ 1	·302	−·022	0·2	−1·1	0	0·30	−0·60	0	0·24	− 0·24	0	0·24	− 0·24	0	Cawnpore.
29							2		W	N 76° W	1·1	1·7	−0·6	6	−23	74	− 8	·311	−·023	0·4	−1·2	0	0·80	−0·80	0	0·35	− 0·35	0	0·35	− 0·35	0	Lucknow.
7	3	2	1	1	1	4	7	5	N 71° W	N 51° W	1·8	1·5	+0·3	33	+ 9	81	− 1	·318	−·033	0·3	−0·5	0	0·70	−0·70	0	0·32	− 0·32	0	0·32	−0·32	0	Bahraich.
12	1	4	1			6	4	3	N 75° W	N 79° W	2·1	2·0	+0·1	23	+ 5	65	+ 9	·293	0	3·9	+2·8	0	0·80	−0·80	0	0·27	− 0·27	0	0·27	−0·27	0	Jhansi.
23	1		2	1			2	2	N 24° W	N 61° W	1·7	2·9	−1·2	7	−29	64	− 4	·262	−·023	1·4	−0·1	1	0·60	+0·40	0·25	0·33	− 0·08	0·25	0·33	−0·08	0·25	Agra.
11	2		1		1	6	6	4	N 88° W	N 66° W	1·3	1·1	+0·2	39	+15	78	+ 5	·279	−·012	0·3	−2·0	0	0·60	−0·60	0·11	0·46	− 0·35	0·11	0·46	−0·35	0·09	Mainpuri.
29						1		1	W	N 44° W	0·8	1·6	−0·8	5	− 9	80	− 1	·291	−·015	0·8	−0·6	0	0·64	−0·64	0	0·38	− 0·38	0	0·38	−0·38	0	Bareilly.
																						0	0·90	−0·90	0	0·49	− 0·49	0	0·49	−0·49	0	Meerut.
29								2	N 45° W	N 39° W	1·6	1·4	+0·2	3	− 4	91	+ 7	·288	+·009	0·6	−1·5	0	1·30	−1·30	0	0·63	− 0·63	0	0·63	−0·63	0	Roorkee.
																						0	1·40	−1·40	0	0·87	− 0·87	0	0·87	−0·87	0	Dehra Dun.
																																V.—Punjab.
10					1	1	14	5	N 85° W	N 87° W	2·2	2·5	−0·3	59	+15	70	+ 9	·268	+·018	0·6	−1·8	0	1·10	−1·10	0	0·48	− 0·48	0	0·48	−0·48	0	Delhi.
20	1		4	2			4		S 72° E	N 84° W	2·8	2·8	0	5	− 2	60	− 9	·193	−·044	1·2	−1·8	0	0·80	−0·80	0	0·31	− 0·31	0	0·31	−0·31	0	Sirsa.
8	3	1	1	5			6	10	N 49° W		5·4			32		81		·250		1·1		0			0	0·40	− 0·40	0	0·40	−0·40	0	Patiala.
11	12		3	1			1	3	N 3° E	N 44° W	2·6	1·5	+1·1	43	+23	83	+ 1	·252	−·025	1·4	−1·0	0	1·20	−1·20	0	0·69	− 0·69	0	0·69	−0·69	0	Ambala.
27							2	2	N 67° W	N 47° W	0·1	1·3	−1·2	10	− 7	75	− 1	·231	−·029	1·0	−2·8	0	0·90	−0·90	0·03	0·75	− 0·72	0·03	0·75	−0·72	0·02	Ludhiana.
27		1	1		1			1	N 68° E	N 58° W	1·2	1·3	−0·1	3	− 1	81	+ 3	·225	−·027	1·8	−1·1	0	0·90	−0·90	0	0·40	− 0·40	0	0·40	−0·40	0	Lahore.
23	1	1	3	1				2	N 52° E	N 63° E	0·3	0·9	−0·6	10	+ 3	37	+13	·272	+·025	2·6	0	0	1·10	−1·10	0·04	0·69	− 0·65	0·04	0·69	−0·65	0·04	Sialkot.
22	3	3				1	2		N 8° W	N 41° W	1·9	1·3	+0·6	13	− 1	80	+ 6	·217	+·007	3·5	−0·1	3	1·60	+1·40	0·85	0·97	− 0·12	0·85	0·97	−0·12	0·60	Rawalpindi.
16		3	3	2	2	3	1	1	S 45° E	N 27° E	2·5	2·1	+0·4	13	− 1	52	− 8	·177	−·022	3·6	+0·9	0	0·40	−0·40	0·09	0·43	− 0·34	0·09	0·43	−0·34	0·08	Khushab.
20			4	3	2			2	S 59° E	N 68° E	2·9	2·6	+0·3	20	+ 2	53	−12	·176	−·054	2·1	−0·6	0	0·60	−0·60	0	0·38	− 0·38	0	0·38	−0·38	0	Montgomery.
29	2								N	N 53° E	0·9	1·1	−0·2	6	−12	67	− 3	·240	−·021	1·5	−1·0	0	0·70	−0·70	0	0·25	− 0·25	0	0·25	−0·25	0	Multan.
																																VI.—North-West Frontier Province.
19			1		5	4	1	1	S 26° W	S 16° W	1·6	2·3	−0·7	27	− 2	73	+ 3	·198	−·007	4·2	+0·4	1	1·10	−0·10	0·66	0·49	+0·17	0·66	0·49	+0·17	0·66	Peshawar.
26	2	1						2	N 10° W	N 32° W	0·6	0·8	−0·2	13	+ 2	76	+ 5	·224	+·007	3·8	+1·2	0	0·80	−0·80	0·03	0·21	−0·18	0·03	0·21	−0·18	0·03	D. I. Khan.
																																VII.—Sind.
24	1	1						5	N 28° W	N 7° E	2·1	1·6	+0·8	20	+ 6	54	− 9	·202	−·039	1·1	−1·7	0	0·40	−0·40	0	0·11	−0·11	0	0·11	−0·11	0	Jacobabad.
4	20	1			1			5	N 7° W	N 2° E	5·5	7·0	−1·5	76	+20	50	− 4	·236	−·030	2·8	+0·5	0	0·20	−0·20	0	0·06	−0·06	0	0·06	−0·06	0	Hyderabad.
1	6	20	2	1					N 42° E	N 54° E	7·4	8·4	−1·0	86	+ 4	50	−11	·291	−·038	2·8	+0·6	0	0·40	−0·40	0	0·13	−0·13	0	0·13	−0·13	0	Karachi.
																																VIII.—Rajputana.
4	1	6	3	7	3			1	S 83° E	N 4° W	4·1	3·3	+0·8	56	+31	43	−13	·166	−·075	2·0	−0·6	0	0·40	−0·40	0	0·19	− 0·19	0	0·19	−0·19	0	Bikaner.
2	4	24	1						N 41° E		3·7			89		33	−10	·166		1·3		0	0·50	−0·50	0	0·14	− 0·14	0	0·14	−0·14	0	Jodhpur.
7	3	7	6	1		4	3		N 53° E	N 2° W	3·3*	2·9	+0·4	27	+ 5	49	−13	·220	−·049	1·8	−0·4	0	0·70	−0·70	0	0·22	− 0·22	0	0·22	−0·22	0	Jaipur.
31									(a)	N 24° E	1·0	1·6	−0·6			65	− 9	·245	−·030	1·4	−0·7	0	0·60	−0·60	0	0·28	− 0·28	0	0·28	−0·28	0	Ajmer.
25		1		3				2	E		0·7†			5		59	+ 1	·295		1·6		0	0·80	−0·80	0·04	0·29	− 0·25	0·04	0·29	−0·25	0·04	Kotah.
																						0	0·50	−0·50	0·01	0·11	− 0·10	0·01	0·11	−0·10	0·01	Udaipur.
																																IX.—Bombay.
																37	−10	·214	−·044	1·2	−0·6	0	0·09	−0·09	0	0·06	− 0·06	0	0·06	−0·06	0	Deesa.
13	2	1	1	1		3	6	4	N 72° W	N 15° W	5·7	5·8	−0·1	30	+23	50	− 5	·284	−·057	3·7	+2·1	0	0·20	−0·20	0	0·05	− 0·05	0	0·05	−0·05	0	Bhuj.

(a) Indeterminate. * Uncorrected for scale error. † Mean of 29 days.

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(2) *Abstract of observations taken at 8 hrs. at 243 stati*

Number of subdivision.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	IX.—Bombay—*concld.*																					
20	Jamnagar	61	30·042		30·050	30·121	20th	29·927	1st	·194	71·5	83·6		57·3		70·4		26·3	88·8	2nd	49·3	6th
	Dwarka	37?	30·052	+·001	30·034	30·126	20th	29·954	1st	·172	67·8	83·2	+2·0	61·6	+0·7	72·4	+1·3	21·6	88·3	3rd	57·2	6th
	Rajkot	429	29·629	—·009	30·026	29·701	20th	29·551	7th	·150	64·9	88·3	+2·9	55·7	+2·8	72·0	+2·9	32·6	94·6	2nd	48·0	6th
	Veraval	*18*	30·019	—·027	29·979	30·094	19th	29·928	7th	·166	73·9	87·5	+3·4	66·1	+4·1	76·8	+3·7	21·4	92·1	5th	58·5	20th
	Bhavnagar Para	55	30·016	—·031	30·018	30·091	25th	29·924	1st	·167	65·6	88·5	+3·5	59·8	+1·5?	74·2	+2·5?	28·7	94·0	2nd	54·0	21st
	Surat†	39	30·014	—·013	29·996	30·089	25th	29·928	7th	·161	70·3	92·5	+5·1	64·3	+6·6	78·4	+5·9	28·2	95·4	4th	56·1	20th
	Ahmadabad	163	29·890	—·029	30·007	29·964	25th	29·794	7th	·170	68·9	90·5	+4·6	61·6	+1·5?	76·1	+3·1?	28·9	94·1	2nd & 3rd	57·2	7th & 15th.
26	Bombay	37	29·991	—·020	29·968	30·065	25th	29·897	7th	·168	75·9	87·8	+3·3	73·5	+3·8	80·6	+3·5	14·3	91·0	15th	70·0	20th
	Ratnagiri	110	29·889	—·017	29·939	29·959	21st	29·798	7th	·161	77·8	91·6	+2·1	69·4	+2·2	80·5	+2·1	22·2	94·3	5th, 6th & 15th.	62·9	19th
	Goa	199	?	?	?	?	?	?	?	?	75·9	87·7	+0·3	73·5	+4·2	80·6	+2·3	14·2	90·1	4 days	68·1	19th
	Marmagao	*60*	29·940	—·028	29·935	30·001	21st	29·835	7th	·166	75·0	85·1	−1·2	72·2	+1·9	78·7	+0·3	12·9	87·0	5th, 6th & 26th.	67·7	20th
	Karwar	44	29·959	—·012	29·938	30·018	16th	29·859	7th	·159	72·6	88·1	+0·4	69·5	+3·3	78·8	+1·9	18·6	91·7	25th	62·0	20th
27	Malegaon	1,430	28·627	—·003	30·050	28·704	25th	28·518	7th	·156	65·5	85·9	+1·7	57·1	+5·8	71·5	+3·7	28·8	88·4	19th & 20th.	50·1	27th
	Ahmadnagar	2,154	27·903	0	30·031	27·986	25th	27·824	7th	·162	65·6	83·8	+0·8	56·6	+5·1	70·2	+2·9	27·2	85·6	3rd, 17th & 18th.	51·0	26th
	Poona	1,846	28·195	—·009	30·034	28·264	25th	28·122	7th	·142	63·6	84·8	+0·5	58·4	+4·6	71·6	+2·5	26·4	87·0	9th	51·3	25th
	Sholapur	1,590	28·456	0	30·017	28·539	25th	28·374	7th	·165	69·0	85·5	0	60·5	+3·0	73·0	+1·5	25·0	87·8	3rd, 4th & 5th.	55·1	12th, 13th & 19th.
	Bijapur	*1,948*	28·081	—·017	29·992	28·154	25th	27·998	7th	·156	68·9	86·2	+2·2	60·8	+4·8	73·5	+3·5	25·4	89·2	2nd	53·8	11th & 24th.
	Belgaum	2,539	27·475	0	29·946	27·538	25th	27·384	7th	·154	69·2	82·3	+0·7	61·1	+3·0	71·7	+1·9	21·2	85·3	31st	55·5	24th
	X.—Central India.																					
21	Neemuch	1,624	28·435	—·009	30·077	28·513	25th	28·328	7th	·185	59·5	81·7	+3·3	53·0	+3·5	67·4	+3·4	28·7	86·4	12th	43·0	21st
	Indore	1,823	28·229	+·003	30·049	28·308	25th	28·141	7th	·167	64·9	82·2	+2·9	54·7	+5·4	68·4	+4·1	27·5	85·6	17th	48·1	30th
22	Nowgong	754	29·352	+·011	30·114	29·434	25th	29·263	12th	·171	53·3	72·9	−2·3	46·6	+0·2	59·7	−1·1	26·3	78·0	12th	41·0	22nd & 24th.
	Sutna	1,041	29·042	+·006	30·104	29·123	25th	28·973	12th	·150	54·2	74·7	−0·4	47·7	+0·6	61·2	+0·1	27·0	80·3	13th	41·8	6th & 31st.
	XI.—Central Provinces.																					
23	Buldana	2,132	27·800		29·890?	27·866	25th	27·721	11th	·145	67·3	80·8		58·7		69·8		22·1	84·4	18th	52·5	30th
	Akola	930	29·146	+·004	30·060	29·226	25th	29·054	1st	·172	65·6	85·8	+2·2	56·3§	+4·9§	71·1§	+3·5	29·5	89·2	19th	50·1	30th
	Amraoti	1,215	28·849	+·001	30·029?	28·914	25th	28·761	1st	·183	64·5	82·7	0	58·6	+1·8	70·7	+0·9	24·1	85·8	18th & 19th.	53·3	30th
24	Khandwa	1,041	29·025	+·004	30·061	29·100	25th	28·942	1st	·158	62·8	85·9	+2·9	55·7	+5·5	70·8	+4·2	30·2	89·2	17th & 18th.	48·6	26th
	Hoshangabad	1,006	29·080	+·001	30·094	29·169	25th	29·012	7th	·157	57·4	80·4	+1·1	53·7	+2·0	67·0	+1·5	26·7	84·6	17th	48·4	30th
	Saugor	1,807	28·248	—·005	30·074	28·334	25th	28·163	7th	·171	59·5	77·0	+0·3	53·8	+1·9	65·4	+1·1	23·2	82·8	12th & 13th.	48·1	30th
	Jubbulpore	1,327	28·722	—·010	30·090	28·819	25th	28·655	1st	·164	53·3	75·6	−1·3	48·3	+2·3	61·9	+0·5	27·3	82·8	18th	40·8	30th
	Seoni	2,033	28·041	+·016	30·094	28·110	25th	27·956	1st	·154	59·4	77·2	−0·5	50·3	+0·5	63·8	0	26·9	81·6	14th	43·5	30th
	Nagpur	1,017	29·058	+·008	30·071	29·140	25th	28·968	1st	·172	61·8	80·8	−0·5	54·3	0	67·6	−0·3	26·5	84·6	2nd & 19th.	44·3	30th
25	Pendra	2,123	28·029		30·086	28·111	25th	27·958	1st	·153	57·1	74·3		49·3		61·8		25·0	79·3	18th	40·2	30th
	Raipur	870	29·109	+·008	30·078	29·187	25th	28·993	1st	·194	58·9	78·7	−0·5	55·1	+1·0	66·9	+0·3	23·6	84·7	1st	45·6	30th
	Chanda	*634*	29·438	—·004	30·049	29·538	25th	29·322	1st	·216	62·3	82·3	−0·2	53·6	+1·8	67·9	+0·8	28·7	85·5	15th & 19th.	46·0	30th
	Jagdalpur	1,613	28·245		30·072	28·319	25th	28·136	1st	·183	58·4	75·9		53·7		64·8		22·2	82·2	1st & 2nd	42·1	23rd & 25th.
	XII.—Hyderabad.																					
28	Aurangabad	1,905	28·164	—·020	30·048	28·231	25th	28·084	7th	·147	66·9	82·4	−1·7	59·0	+4·4	70·7	+1·3	23·4	84·7	17th & 18th.	53·2	26th
	Nizamabad	1,218	28·798		30·034	28·885	25th	28·707	2nd	·178	64·1	84·8	+1·9	55·1	+1·2	70·0	+1·5	29·7	88·9	2nd & 3rd.	46·7	25th

N.B.—Elevations in italics indicate barometrical determinations.

NOTE.—The barometric readings are not reduced to sea-level, in the case of hill or plateau stations, the elevation of which exceeded 3,200 feet.

§ Mean of 29 days.

B—*continued.*

in India, etc., in December, 1911—continued.

Wind direction. Number of winds from: Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Resultant direction.	Normal direction.	Wind velocity. Mean velocity, miles per hour.	Normal.	Departure from normal.	Wind steadiness. Actual percentage.	Departure from normal.	Hygrometry, 8 hrs. Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs. in inches of mercury.	Departure from normal in inches of mercury.	Cloud. Mean cloud amount at 8 hrs.	Departure from normal.	Rainfall. Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st to 31st Dec., 1911.	Normal rainfall for period, 1st to 31st Dec.	Departure from normal of period, 1st to 31st Dec., 1911.	Heaviest rainfall during month.	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	54	55	56	57
																																IX.—Bombay—*concld.*
	2	22	6				1		N 58° E		8·1			92		40		·294		0		0			0	0·07	−0·07	0	0·07	−0·07	0	Jamnagar.
	15	14						2	N 18° E		10·1			92		60	− 7	·403		2·5		0			0	0·06	−0·06	0	0·06	−0·06	0	Dwarka.
7	6	9	5	1	1				N 44° E	N 69° E	5·1	4·7	+ 0·4	56	+ 6	32	−21	·195	−·129	2·8	+1·8	0	0·20	−0·20	0	0·05	−0·05	0	0·05	−0·05	0	Rajkot.
22	2	7							N 36° E	N 27° E	3·3	5·7	−2·4	30	−45	37	−14	·310	−·052	2·2	+0·2	0	0·40	−0·40	0	0·12	−0·12	0	0·12	−0·12	0	Veraval.
4	1	2					1	23	N 41° W	N 77° W	3·1	6·3	−3·2	79	+21	40	−22	·255	−·116	3·4	+2·0	0	0·10	−0·10	0·02	0·10	−0·08	0·02	0·10	−0·08	0·02	Bhavnagar Para.
3	2	8	11	4	1			1	N 76° E	N 48° E	3·6	4·4	−0·8	62	+ 4	56	− 6	·431	+·032	1·8	+0·5	0	0·10	−0·10	0	0·05	−0·05	0	0·05	−0·05	0	Surat.
6		24	1						N 46° E	N 62° E	4·4*	4·7	−0·3	79	+ 5	48	− 1	·347	+·035	2·0	+0·5	0	0·10	−0·10	0	0·04	−0·04	0	0·04	−0·04	0	Ahmadabad.
	1	14	14	2					N 69° E	N 70° E	8·1	9·7	−1·6	86	0	71	− 1	·626	+·038	3·1	+1·4	0	0·10	−0·10	0	0·07	−0·07	0	0·07	−0·07	0	Bombay.
3	3	5	17	2				1	N 75° E	S 74° E	8·7	8·0	+0·7	72	+ 7	49	− 4	·453	−·015?	2·1	+0·7	0	0·10	−0·10	0	0·09	−0·09	0	0·09	−0·09	0	Ratnagiri.
1		8	19	3					N 83° E	N 75° E	5·6*	4·5	+1·1	89	− 3	67	+ 3	·593	+·039	5·5	+4·1	0			0	0·14	−0·14	0	0·14	−0·14	0	Goa.
1		16	14						N 66° E	S 77° E	8·1	7·9	+0·2	89	+ 9	74	− 2	·649	+·028?	4·8	+3·9	0			0	0·18	−0·18	0	0·18	−0·18	0	Marmagao.
21	5	1		1				3	N 6° W	N 67° E	1·9	3·0	−1·1	23	−57	75†	0	·618†	+·078	2·4	+1·3	1	0·10	+0·90	0·15	0·18	−0·03	0·15	0·18	−0·03	0·15	Karwar.
9	2					7	11	2	S 85° W	N 69° W	4·2	4·3	−0·1	56	− 5	58	0	·375	+·014	0·5	−1·5	1	0·50	+0·50	0·47	0·22	+0·25	0·47	0·22	+0·25	0·47	Malegaon.
	2		3	8	8	4	3	3	S 3° E	N 81° E	4·7	5·4	−0·7	40	+35	52	−11	·329	−·049?	2·4	+0·9	0	0·90	−0·90	0·04	0·45	−0·41	0·04	0·45	−0·41	0·04	Ahmadnagar.
9			22						E	N 88° E	9·4	6·0	+3·4	71	+49	63	+ 7	·374	+·043	0·4	−1·5	0	0·50	−0·50	0·08	0·19	−0·11	0·08	0·19	−0·11	0·08	Poona.
	2	20	8	1					N 56° E	S 74° E	11·9	7·9	+4·0	92	+24	54	+ 5	·385	+·039	3·7	+1·7	1	0·50	+0·50	1·85	0·46	+1·39	1·85	0·46	+1·39	1·85	Sholapur.
	4	9	10	6	2				N 79° E	S 67° E	3·8	3·8	0	69	0	61	−11	·433	−·044?	3·5	+1·9	0	0·50	−0·50	0	0·30	−0·30	0	0·30	−0·30	0	Bijapur.
1	1	1	26	2					N 89° E	S 81° E	16·4	12·1	+4·3	91	+15	65	+ 8	·465	+·082	3·7	+2·1	2	0·40	+1·60	0·64	0·34	+0·30	0·64	0·34	+0·30	0·44	Belgaum.
																																X.—Central India.
13		4	9	3	1	1			S 86° E	N 58° E	4·8	5·8	−1·0	43	−22	58	+ 5	·293	+·026	2·7	+1·3	0	0·60	−0·60	0·05	0·21	−0·16	0·05	0·21	−0·16	0·05	Neemuch.
12		3	7	9					S 75° E	N 68° E	1·8	1·8	0	53	+35	53	− 6	·331	+·021	3·0	+1·6	0	0·50	−0·50	0	0·25	−0·25	0	0·25	−0·25	0	Indore.
13		1	2	2	8	2	3		S 2° W	N 76° W	1·0	1·1	−0·1	33	+19	80	+ 6	·330	+·012	1·8	+0·6	0	0·70	−0·70	0	0·50	−0·50	0	0·50	−0·50	0	Nowgong.
19				4		6	1	1	S 26° W	N 24° W	1·0	3·4	−2·4	23	−21	74	+ 7	·315	+·022	2·5	+1·5	0	0·90	−0·90	0	0·43	−0·43	0	0·43	−0·43	0	Sutna.
																																XI.—Central Provinces.
		1	8	18	3	1			S 53° E		6·5	5·5	+1·0	84		51		·346		1·4		0			0	0·59	−0·59	0	0·59	−0·59	0	Buldana.
6	2	4	12	6	1				S 83° E	S 85° E	4·0	3·2	+0·8	61	+17	55	− 1	·355	+·040	3·7	+1·9	0	0·70	−0·70	0	0·71	−0·71	0	0·71	−0·71	0	Akola.
10	1	8	11	1					N 71° E	N 72° E	4·2‡	4·0	+0·2	59	−13	56	+ 5	·346	+·019	1·5	−0·2	0	0·60	−0·60	0	0·57	−0·57	0	0·57	−0·57	0	Amraoti.
1		9	8	12				1	S 86° E	N 63° E	3·5	2·7	+0·8	72	+40	64	+ 7	·364	+·064	3·0	+1·7	0	0·50	−0·50	0	0·31	−0·31	0	0·31	−0·31	0	Khandwa.
14		7	9	1					N 74° E	N 63° E	3·4	2·6	+0·8	53	−12	71	+ 2	·337	+·008	2·8	+1·2	0	0·60	−0·60	0	0·51	−0·51	0	0·51	−0·51	0	Hoshangabad
7		2	7	5	7	2	1		S 42° E	S 77° E	5·3†	2·8	+2·5	46	+14	56	− 2	·281	−·013	3·0	+1·9	0	0·80	−0·80	0	0·53	−0·53	0	0·53	−0·53	0	Saugor.
11	1	2	1	7	9				S 32° E	S 41° E	1·1	1·6	−0·5	43	+ 7	78	+ 4	·323	−·030	1·2	−0·4	0	0·60	−0·60	0	0·31	−0·31	0	0·31	−0·31	0	Jubbulpore.
12	4	8	1		1	3	1	1	N 21° E	N 30° E	3·1	2·2	+0·9	27	−15	64	− 3	·330	−·014	1·9	0	0	0·90	−0·90	0	0·55	−0·55	0	0·55	−0·55	0	Seoni.
6	8	13	1	1				2	N 28° E	N 7° E	2·4	3·0	−0·6	66	+37	66	+ 6	·369	+·016	2·8	+0·8	0	0·70	−0·70	0	0·56	−0·56	0	0·56	−0·56	0	Nagpur.
20	5	1			1	1		3	N 19° W		3·3			20		67		·319		2·3		0			0	0·38	−0·38	0	0·38	−0·38	0	Pendra.
22	3	3	1		1		1		N 28° E	N 14° E	2·1	2·5	−0·4	17	+ 1	74	+12	·372	+·028	0·3	−1·7	0	0·50	−0·50	0	0·26	−0·26	0	0·26	−0·26	0	Raipur.
27	4								N	N 39° E	1·6	1·6	0	13	−19	73	+ 1	·414	+·016	1·8	+0·4	0	0·80	−0·80	0	0·28	−0·28	0	0·28	−0·28	0	Chanda.
9	6	5		1		1	5	4	N 22° W					40		85		·420		2·3		0			0·02			0·02			0·02	Jagdalpur.
																																XII.—Hyderabad.
		7	16	8					S 88° E		7·4			89		53	+ 4	·353		3·8		0	1·10	−1·10	0	0·31	−0·31	0	0·31	−0·31	0	Aurangabad.
30		1							N 45° E		2·5			3		64	− 4	·386		3·0		0	0·60	−0·60	0	0·11	−0·11	0	0·11	−0·11	0	Nizamabad.

* Uncorrected for scale error

† Mean of 30 days.
‡ " 27 "

Tal

(2) *Abstract of observations taken at 8 hrs. at 243 stati*

Number of subdivision.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	XII.—Hyderabad—concld.																					
28	Bidar	*2,165*									69·8	83·4		61·4		72·4		22·0	86·6	4 days.	57·4	11th & 25th.
29	Gulbarga	1,503	28·555	—·006	30·029	28·626	25th	28·459	7th	·167	69·0	85·7	+0·7	59·7	+1·9	72·7	+1·3	26·0	89·5	2nd & 5th	54·3	11th & 21st.
	Raichur	*1,311*	28·733	+·006	30·011	28·810	25th	28·646	7th	·164	70·9	85·7	+0·8	65·4	+2·1	75·6	+1·5	20·3	91·0	2nd	59·1	11th & 23rd.
	Hyderabad (Deccan)	1,690	28·355	—·012	30·026	28·441	25th	28·266	1st	·175	65·4	8[illegible]·7	+0·3	60·4	+3·1	71·5	+1·7	22·3	87·8	2nd	54·2	11th
	Hanamkonda	877	29·195	+·015	30·041	29·282	25th	29·080	1st	·202	69·9	83·6	—0·1	61·7	+0·8	72·7	+0·3	21·9	88·5	1st & 3rd	55·2	11th & 25th.
	XIII.—Mysore.																					
30	Chitaldrug	2,405	27·621	—·006	29·965	27·679	25th	27·538	7th	·141	69·1	83·0	+1·7	62·6	+1·8	72·8	+1·7	20·4	87·6	1st	56·8	20th
	Hassan	3,149	26·901	0	29·950	26·955	25th	26·815	7th	·140	66·8	79·8	+0·4	60·0	+4·5	69·9	+2·5	19·8	83·4	1st	53·4	20th
	Bangalore	3,021	27·026	—·004	29·966	27·087	25th	26·956	7th	·131	65·2	79·1	+1·1	60·5	+1·8	69·8	+1·5	18·6	85·3	2nd	54·8	18th & 20th.
	Mysore	2,518	27·506	—·014	29·957	27·563	19th	27·4[illegible]4	7th	·139	68·2	80·9	—0·7	62·5	+2·7	71·7	+1·0	18·4	86·0	1st	56·0	20th
	XIV.—Madras.																					
31	Mangalore	65	29·908	—·023	29·905	29·958	19th	29·829	7th	·129	78·3	89·6	—0·9	72·9	+3·8	81·3	+1·5	16·7	93·8	25th & 26th	66·4	20th
	Calicut	27	29·938	—·031	29·894	29·996	19th	29·863	7th	·133	76·6	86·1	—1·5	73·6	+3·1	79·8	+0·8	12·5	88·3	24th	67·6	20th
	Cochin	9	29·958	—·017	29·894	30·000	25th	29·903	6th & 7th	·097	77·4	88·2	—0·3	73·9	+1·0	81·1	+0·3	14·3	90·7	7 days	70·2	30th
	Trivandrum	198	29·760	—·015	29·890	29·808	22nd	29·711	6th	·097	76·4	82·7	—0·3	73·6	+1·9	78·2	+0·8	9·1	86·0	18th	70·5	31st
2	Tinnevelly	168	29·837	—·018	29·937	29·910	29th	29·754	5th	·156	75·6	84·5	—1·7	72·2	—0·2	78·3	—0·9	12·3	92·2	2nd, 5th & 6th.	68·9	29th
	Pamban	37	29·941	—·031	29·906	30·012	29th	29·862	7th	·150	77·0	83·4	+1·8	72·9	—1·7	78·2	+0·1	10·5	87·7	8th	70·5	25th
	Madura	447	29·558	—·001	29·641	29·625	29th	29·485	3rd	·140	75·9	84·8	—1·2	71·4	+0·9	78·1	—0·1	13·4	90·0	2nd & 5th	66·1	30th
	Pudukkottai	318	29·685		29·910	29·746	28th	29·595	5th	·151	74·2	82·8		70·6		76·7		12·2	90·8	5th	65·7	30th
	Negapatam	31	29·956	—·021	29·916	30·011	29th	29·869	3rd	·142	75·4	83·1	+1·6	73·5	+1·4	78·3	+1·5	9·6	88·5	5th	67·5	31st
	Trichinopoly	255	29·760	—·006	29·952	29·852	24th	29·656	3rd & 5th	·176	75·3	84·2	—1·0	71·0	+1·6	77·6	+0·3	13·2	92·6	5th	65·8	30th
	Coimbatore	1,341	28·665	—·006	29·959	28·731	19th	28·588	4th & 6th	·143	71·5	82·9	—2·2	67·0	+0·9	74·9	—0·7	15·9	89·0	1st	61·3	31st
	Salem	940	29·100	—·004	29·990	29·176	19th	29·011	4th	·165	73·4	85·1	—1·3	68·1	+2·8	76·6	+0·7	17·0	90·5	1st	62·3	30th
	Cuddalore	37	29·972	—·025	29·939	30·041	29th	29·845	3rd	·196	75·0	81·8	—1·4	71·9	+2·8	76·9	+0·7	9·9	86·8	2nd & 3rd	65·2	31st
	Vellore	707	29·314		29·973	29·380	24th & 25th.	29·191	4th	·189	72·0	81·8		67·2		74·5		14·6	89·2	2nd	60·5	31st
	Madras	22	30·001	—·017	29·955	30·076	25th	29·853	3rd	·223	76·4	83·2	—0·1	71·7	+2·0	77·4	+0·9	11·5	87·5	1st	64·5	31st
33	Cuddapah	433	29·603	—·023	29·985	29·683	25th	29·509	4th	·174	72·1	86·6	—0·2	66·2	+0·8	76·4	+0·3	20·4	93·2	2nd	58·6	21st
	Bellary	1,475	28·547	—·013	29·987	28·620	25th	28·452	7th	·168	70·3	88·2	+2·6	64·6	+3·1	76·1	+2·9	24·2	93·5	1st	58·3	24th
	Kurnool	923	29·107	—·023	29·996	29·183	25th	29·019	7th	·164	68·8	87·9	+1·0	62·8	+3·9	75·4	+2·5	25·1	92·7	2nd	55·6	23rd
34	Nellore	66	29·975	—·016	29·978	30·061	24th	29·817	2nd	·244	73·3	82·1	—2·7	69·3	+1·1	75·7	—0·8	12·8	86·1	1st	64·6	30th
	Masulipatam	15	30·057	+·007	30·005	30·143	25th	29·939	1st	·204	72·0	82·8	—0·2	67·6	+1·0	75·2	+0·4	15·2	88·3	15th	62·2	23rd
	Cocanada	26	30·054	+·004	30·016	30·147	25th	29·938	1st	·209	71·0	79·7	—1·0	66·9	+1·2	73·3	+0·1	12·8	82·2	1st & 3rd	60·6	30th
	Waltair (Vizag.)	*226*	29·855	+·009	30·028	29·944	25th	29·740	1st	·204	72·9	79·8		68·3		74·1		11·5	82·6	3rd	63·9	24th 26th & 29th.
	Calingapatam	19	30·077		30·035	30·170	25th	29·980	1st	·190	67·3	79·8		63·1		71·5		16·7	82·8	1st & 20th	55·3	29th
	Gopalpur	33	30·067	+·010	30·042	30·157	25th	29·966	1st	·191	65·1	79·2	—1·1	62·0	+1·2	70·6	+0·1	17·2	86·2	15th	55·5	23rd & 24th.

N.B.—Elevations in italics indicate barometrical determinations.
NOTE.—The barometric readings are not reduced to sea-level in the cases of hill or plateau stations, the elevations of which exceed 3,000 feet.

B—*continued.*

in India, etc., in December, 1911—continued.

Wind direction. Number of winds from Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Resultant direction.	Normal direction.	Wind velocity. Mean velocity, miles per hour.	Normal.	Departure from normal.	Wind steadiness. Actual percentage.	Departure from normal.	Hygrometry, 8 hrs. Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs. in inches of mercury.	Departure from normal in inches of mercury.	Cloud. Mean cloud amount at 8 hrs.	Departure from normal.	Rainfall. Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st to 31st Dec., 1911.	Normal rainfall for period, 1st to 31st Dec.	Departure from normal of period, 1st to 31st Dec., 1911.	Heaviest rainfall during month.	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	54	55	56	57
																																XII.—Hyderabad—*contd.*
12		3	4	11		1			S 65° E		3·3			45		57		·419		3·7		0	0·70	− 0·70	0	0·30	− 0·30	0	0·30	− 0·30	0	Bidar.
		5	23	3					N 87° E	N 76° E	6·3	7·2	−0·9	96	+49	53	0	·424	+·031	1·3	−0·5	1	0·30	+ 0·70	0·30	0·22	+ 0·08	0·30	0·22	+ 0·08	0·30	Gulbarga.
		5	9	11	3	2	1		S 64° E	S 77° E	7·7	7·4	+0·3	66	0	65	− 1	·497	+ 011	3·8	+2·3	0	0·30	− 0·30	0·04	0·15	− 0·11	0·04	0·15	− 0·11	0·04	Raichur.
30			1						E	S 63° E	2·3	3·2	−0·9	3	−11	69	− 4	·437	−·015	4·4	+2·7	0			0	0·17	− 0·17	0	0·17	− 0·17	0	Hyderabad (Deccan).
13	7			2	7	1		1	S		3·6			5		60	− 7	·445		4·5		1	0·10	+ 0·90	1·08	0·22	+ 0·86	1·08	0·22	+ 0·86	1·08	Hanamkonda.
																																XIII.—Mysore.
		3	21	7					S 84° E	S 77° E	6·7	7·8	−1·1	92	+ 4	72	+ 7	·515	+·055	5·5	+2·5	0	0·70	− 0·70	0	0·42	− 0·42	0	0·42	− 0·42	0	Chitaldrug.
2		6	14	9					S 85° E	N 82° E	5·0	3·4	+1·6	81	− 4	80	+ 7	·532	+·055	5·4	+1·8	1	1·00	0	0·43	0·85	− 0·42	0·43	0·85	− 0·42	0·36	Hassan.
	1	12	16	2					N 73° E	N 67° E	7·8	5·5	+2·3	89	+ 3	84	+ 6	·525	+·042	6·5	+2·7	2	1·00	+ 1·00	0·62	0·49	+ 0·13	0·62	0·49	+ 0·13	0·30	Bangalore.
	2	16	11	1	1				N 63° E	N 68° E	10·2	10·3	−0·1	82	− 1	86	+12	·594	+·091	6·6	+2·8	2	1·00	+ 1·00	0·56	0·43	+ 0·13	0·56	0·43	+ 0·13	0·24	Mysore.
																																XIV.—Madras.
3	1	2	24	1					N 87° E	S 86° E	4·5	2·9	+1·6	86	0	69	+ 1	·677	+·076	3·2	+0·9	3	0·50	+ 2·50	1·03	0·48	+ 0·55	1·03	0·48	+ 0·55	0·40	Mangalore.
11		5	7	6		2			S 81° E	N 85° E	2·9	7·0	−4·1	43	−40	85	+ 8	·775	+·092	4·6	+2·5	1	1·60	− 0·60	0·61	1·10	− 0·49	0·61	1·10	− 0·49	0·51	Calicut.
1		23	5			2			N 53° E	N 36° E	4·1*	4·3	−0·2	82	+ 3	75	0	·700	+·004	5·0	+2·6	7	2·50	+ 4·50	4·13	1·61	+ 2·52	4·13	1·61	+ 2·52	2·60	Cochin.
17	4	2	3	1			1	3	N 16° E	N 49° E	2·1*	3·7	−1·3	23	−13	84	+ 4	·766	+·042	6·6	+2·3	10	3·60	+ 6·40	6·43	2·20	+ 4·23	6·43	2·20	+ 4·23	2·53	Trivandrum.
1	17	4	1				3	5	N 6° W	N 11° W	4·1	5·0	−0·9	76	− 9	84	+ 7	·739	+·049	6·6	+2·1	8	5·70	+ 2·30	5·31	3·33	+ 2·01	5·31	3·33	+ 2·01	1·23	Tinnevelly.
2	19		2			1	1	6	N 9° W	N 12° E	17·2	13·1	+4·2	79	− 4	91	+ 3	·841		6·1		15	9·20	+ 5·80	11·43	7·55	+ 3·88	11·43	7·55	+ 3·88	2·25	Pamban.
2	13	12	2	1				1	N 26° E	N 5° E	6·9	4·6	+2·3	76	− 7	85	+11	·748	+·089	7·1	+2·6	8	3·80	+ 4·20	4·10	1·73	+ 2·62	4·40	1·78	+ 2·62	1·03	Madura.
	13	13				1	1	3	N 12° E		10·7			81		85		·720		7·4		10			6·99	1·05	+ 5·94	6·99	1·05	+ 5·94	2·21	Pudukkottai.
1	1	9	2			2		16	N 14° W	N 6° W	10·4	9·0	+1·4	59	−27	84	+ 1	·761	+·007	7·4	+0·7	14	9·40	+ 4·60	31·56	11·28	+20·28	31·56	11·28	+20·28	8·10	Negapatam.
5	20	3				1		2	N	N 16° E	4·5*	4·5	0	74	+24	81	+ 4	·705	+·038	5·7	+0·8	6	4·60	+ 1·40	4·20	2·68	+ 1·52	4·20	2·68	+ 1·52	2·80	Trichinopoly.
9	2	18	1			1			N 43° E	N 77° E	3·7	3·0	+0·7	62	−21	91	+ 7	·702	+·045	6·3	+1·4	7	2·40	+ 4·60	2·75	1·15	+ 1·60	2·75	1·15	+ 1·60	1·24	Coimbatore.
13	2	3	7	1			2	3	N 46° E	N 40° E	3·8	3·9	−0·1	27	− 2	81	+ 5	·664	+·038	6·1	+2·5	4	2·10	+ 1·90	0·69	1·10	− 0·41	0·69	1·10	− 0·41	0·24	Salem.
1	11	3			1	1	1	13	N 23° W	N 10° W	9·8	2·7	+7·1	76	− 3	85	− 5	·743	−·023	6·3	+0·3	8	6·80	+ 1·20	11·07	7·21	+ 3·86	11·07	7·21	+ 3·86	4·36	Cuddalore.
26						2	2	1	N 76° W		3·0			13		88		·690		4·7		8	3·60	+ 4·40	5·35	3·52	+ 1·83	5·35	3·52	+ 1·83	1·66	Vellore.
	15	4	1			1	1	9	N 8° W	N 8° E	7·7*	7·3	+0·4	79	− 4	86	+ 3	·785	+·055	5·5	+0·4	10	7·20	+ 2·80	6·37	6·24	+ 0·13	6·37	6·24	+ 0·13	1·47	Madras.
		4	2	7	1	9	3	5	S 29° W	S 75° E				23	−20	82	+ 4	·654	+·034	5·4	+2·0	2	1·30	+ 0·70	0·38	1·04	− 0·66	0·38	1·04	− 0·66	0·18	Cuddapah.
7	2	2	5	10	4			1	S 62° E	S 59° E	3·4	3·3	+0·1	46	+ 3	70	+ 3	·522	+·010	3·5	+0·2	0	0·30	− 0·30	0·06	0·12	− 0·06	0·06	0·12	− 0·06	0·06	Bellary.
16	1	2	8	3				1	N 85° E	S 80° E	4·3*			37	+36	74	+ 4	·523	+·030	2·5	+0·8	1	0·30	+ 0·70	0·23	0·30	− 0·07	0·23	0·30	− 0·07	0·20	Kurnool.
9	9	4	3					6	N 6° E	N 51° W	4·5*	4·2	+0·3	53	−19	88	+ 3	·722	+·006	5·6	+1·6	4	3·30	+ 0·70	3·84	3·07	+ 0·77	3·84	3·07	+ 0·77	2·87	Nellore.
1	17	11	1	1					N 22° E	N 15° E	6·3	5·2	+1·1	86	0	79	− 2	·623	−·014	4·6	+2·0	3	0·60	+ 2·40	0·87	1·04	− 0·17	0·87	1·04	− 0·17	0·30	Masulipatam
10	8	11	2						N 32° E	N 5° E	8·1	9·1	−1·0	62	−28	78	+ 8	·606	+·065	7·8	+5·3	5	0·70	+ 4·30	1·27	1·08	+ 0·19	1·27	1·08	+ 0·19	0·58	Cocanada.
1	11	17					2		N 24° E	N 31° W	7·6			89	+40	69	+10	·559	+·039	5·3	+2·8	3	1·10	+ 1·90	1·26	1·05	+ 0·21	1·26	1·05	+ 0·21	0·58	Waltair (Vizag.).
	12	5	2				12		N 7° W		9·8			78		82		·544		4·6		2			1·00	2·78	− 1·78	1·00	2·78	− 1·78	0·50	Calingapatam.
	17						14		N 20° W	N 23° W	10·0	8·2	+1·8	96	+21	85	+ 8	·525	+·030	4·1	+2·0	1	0·80	+ 0·20	0·21	0·97	− 0·76	0·21	0·97	− 0·76	0·21	Gopalpur.

* Uncorrected for scale error.

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(2) *Abstract of observations taken at 8 hrs. at 243 sta*

Number of subdivision.	Station.	Elevation of barometer above sea-level, in feet.	Pressure, 8 hrs., in inches.								Temperature of air.											
			Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	Bay Islands.																					
1	P. V. Fraser	8	30·142¶		30·066¶	30·240	24th	30·040	1st	·200	73·0‡											
	Port Blair	58	29·923	—·001	29·911	30·000	24th	29·866	7th	·134	80·8	85·7	0	77·8	+1·1	81·8	+0·5	7·9	89·2	11th	74·0	21st
	Slipper Island	90	29·897		29·921	29·971	24th	29·830	7th	·141	81·1	85·5		78·3		81·9		7·2	87·1	4 days.	75·6	1st
	Kashmir.																					
14	Muzaffarabad	2,475	27·690		30·271	27·799	20th	27·586	11th	·213	48·2	66·5		36·2		51·3		30·3	69·6	2nd	34·3	8th
	Srinagar	5,204	25·038	—·006	25·009	25·151	24th	24·860	12th	·291	32·1	45·0	—2·8	29·2	+0·7	37·1	—1·1	15·8	53·6	3rd	21·6	5th
	Sonamarg	*8,764*																				
	Dras	*10,059*	20·846	—·001	20·814	21·010	28th	20·607	12th	·403	—0·4	18·7		—11·3		3·7		30·0	31·4	14th	—29·5	27th
	Leh	11,503	19·702	—·034	19·670	19·844	28th	19·485	12th	·359	14·5	34·0	—0·7	10·5	—2·7	22·3	—1·7	23·5	40·9	1st	5·0	23rd & 25th.
	Skardu	*7,505*	23·011	—·001	22·981	23·219	28th	22·758	12th	·461	25·2	34·6‖	—4·8‖	22·6	—0·1	28·6‖	—2·5	12·0	43·5	21st	15·1	5th
	Minimarg	9,359																				
	Astor	7,955																				
	Gilgit	4,890	25·272		25·215	25·443	2nd	25·006	11th	·437	36·8	48·8	—0·4	33·3	—1·2	41·1	—0·8	15·5	54·2	1st, 2nd & 3rd.	26·2	5th
	Baluchistan.																					
16	Quetta	5,502	24·760	+·014	24·720	24·868	20th	24·640	11th	·228	34·4	54·7	—1·9	28·4	—1·3	41·6	—1·6	26·3	63·1	29th	22·2	17th
	Chaman	4,311	25·843	+·018	25·805	25·935	20th	25·738	31st	·197	43·6	55·6‡	—3·0‡	36·8	—2·8	46·2‡	—2·9	18·8	66·3	29th	28·8	12th & 20th.
	Kalat	6,630	23·892		23·854	24·000	20th	23·811	11th	·189	28·2	52·3							60·0	1st & 3rd.		
	Dalbandin	2,779	27·320		30·209	27·466	20th	27·197	31st	·269	41·3	68·4		37·5		53·0		30·9	78·8	3rd, 30th & 31st.	28·3	13th
	Pasni		30·117		30·077	30·223	14th	30·007	7th	·216	65·5	81·3‡		60·7		71·0‡		20·6	88·5	7th	57·0	5 days
	Panjgur		26·904		26·862	27·029	20th	26·828	30th	·201	42·2	67·0		40·6		53·8		26·4	72·8	30th & 31st.	33·5	13th
	Robat		27·068		27·026	27·191	22nd	26·853	31st	·338	42·1	62·9		38·7		50·8		24·2	75·0	1st	30·8	12th & 13th.
	Hill Stations excluding Kashmir and Baluchistan.																					
	Chitral	*5,486*									33·5	50·3		29·2§		40·4§		21·1	60·5	3rd	26·8	5th
	Para Chinar	6,000	24·540		24·516	24·633	9th	24·382	11th	·251	37·7	53·4		31·2		42·3		22·2	70·7	11th	21·1	12th & 13th.
	Cherat	*4,256*	25·840	+·016	25·808	25·938	13th	25·702	11th	·236	45·8	52·8	—2·7	41·3	—1·3	47·1	—2·0	11·5	61·7	1st	34·9	7th
	Murree	6,833	23·907	—·010	23·875	23·990	9th	23·791	11th	·199	41·4	49·3	—3·5	38·7	—0·3	44·0	—1·9	10·6	55·1	3rd	31·2	12th & 13th.
	Simla	7,232	23·157	—·001	23·119	23·225	9th	23·107	30th	·118	42·3	50·8	+1·4	39·5	+0·4	45·1	+0·9	11·3	58·0	11th	35·9	23rd
	Sarain		23·192		23·154	23·258	9th	23·142	30th	·116	29·9	49·3		27·9		38·6		21·4	53·6	25th	24·8	6th
	Kalabagh							Observations not received.														
	Chakrata	7,022	23·354	+·016	23·314	23·419	25th	23·288	5th	·131	42·7	58·3	+3·4	37·7	—1·6	48·0	+0·9	20·6	64·7	11th & 15th.	29·7	25th
	Mukteswar	7,592	22·683	—·010	22·842	22·939	9th	22·817	5th	·122	43·5	54·1	+0·1	37·6	—1·0	45·8	—0·5	16·5	62·0	11th	31·0	30th
	Darjiling	7,376	23·028	—·047	22·983	23·092	25th	22·966	5th	·126	40·7	47·3	—1·4	35·7	—0·9	41·5	—1·1	11·6	52·3	17th	33·2	24th & 27th.
	Shillong	4,920	25·207		25·159	25·261	25th	25·139	5th	·122	47·2	60·5		38·0		49·3		22·5	64·9	4th	32·7	24th
	Cherrapunji	4,309	25·779		25·730	25·831	24th	25·726	5th & 30th.	·105	53·0	60·6		45·3		53·0		15·	67·7	4th	39·6	24th
	Maymyo	3,545	26·536	+·028	26·481	26·587	25th	26·464	5th	·123	50·1	71·0	+1·5	44·5	+2·2	57·8	+1·9	26·5	74·0	7th	38·1	21st
	Pachmarhi	3,528	26·599	+·020	26·546	26·666	25th	26·528	7th	·138	57·9	70·3	0	46·6	+0·9	58·4	+0·5	23·7	73·5	4 days.	41·1	30th & 31st.
	Mount Abu	3,945	26·177	+·009	26·127	26·249	25th	26·076	7th	·173	61·9	69·9	+1·3	55·5	+2·6	62·7	+1·9	14·4	73·2	18th	50·9	21st
	Mercara	3,781	26·261	—·025	26·194	26·312	23rd	26·196	7th	·116	61·8	75·5	+0·3	59·2	+1·4	67·4	+0·9	16·3	81·0	2nd	54·5	19th
	Ootacamund	*7,327*	23·098		23·034	23·144	25th	23·046	7th	·098	55·6	64·9		48·4		56·6		16·5	71·0	19th	39·7	29th
	Kodaikanal	7,688	22·861	—·001	22·796	22·904	24th	22·814	7th	·090	54·0	60·4	—1·5	50·0	+2·3	55·2	+0·4	10·4	66·5	19th & 30th.	45·0	28th

‖ Mean of 18 days.
‡ „ „ 30 „
¶ „ „ 17 „

N.B.—Elevations in italics indicate barometrical determinations.
NOTE.—The barometric readings are not reduced to sea-level, in the cases of hill or plateau stations, the elevations for which exceed 3,000 feet.

3—continued.

n India, etc., in December, 1911—continued.

Wind direction. Number of winds from Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Resultant direction.	Normal direction.	Wind velocity. Mean velocity, miles per hour.	Normal.	Departure from normal.	Wind steadiness. Actual percentage.	Departure from normal.	Hygrometry, 8 hrs. Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs. in inches of mercury.	Departure from normal in inches of mercury.	Cloud. Mean cloud amount at 8 hrs.	Departure from normal.	Rainfall. Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st to 31st Dec., 1911.	Normal rainfall for period, 1st to 31st Dec.	Departure from normal of period, 1st to 31st Dec., 1911.	Heaviest rainfall during month.	Station.
5	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	54	55	56	57
																																Bay Islands.
1	22	7						1	N 8° E					90		591		·4344		3·4		0			0			0			0	P. V. Fraser.
1	8	13	4	2	1			2	N 39° E	N 55° E	7·5	7·3	+0·2	66	+ 8	81	0	·851	+·032	5·2	—0·1	9			9·73	6·81	+2·92	9·73	6·81	+2·92	3·70	Port Blair.
	9	16	4	1	1				N 41° E		8·5			79		76		·795		4·0		1			0·54	1·72	—1·18	0·54	1·72	—1·18	0·46	Slipper Island.
																																Kashmir.
			4	6	8	9	4		S 6° W		0·6			61		68		·224		4·1		4			2·00			2·00			1·22	Muzaffarabad.
8	2	2	1	6	3		1	8	N	S 42° E	2·5	2·6	—0·1	6	—13	86	— 3	·157	—·003	7·6	+1·3	4	3·50	+0·50	0·95	1·41	—0·46	0·95	1·41	—0·46	0·29	Srinagar.
																						11			7·48	5·87	+1·61	7·48	5·87	+1·61	2·60	Sonamarg.
30								1	N 45° W		0·4			3		89	+ 2	·042		5·2		6	6·60	—0·60	1·84	1·71	+0·13	1·84	1·71	+0·13	0·42	Dras.
27	2	1	1						N 33° E	S 22° W	2·7	1·3	+1·4	13	— 4	52	— 6	·047	—·004	6·9	+1·0	0	0·60	—0·60	0	0·17	—0·17	0	0·17	—0·17	0	Leh.
25			2	1		1	2		S		1·4			5		78	—16	·108		7·3		9	1·10	—1·10	0·26	0·32	—0·06	0·26	0·32	—0·06	0·06	Skardu.
																						6			6·30†			6·30†			1·88	Minimarg.
																						9			3·49			3·49			1·10	Astor.
26							5		W		0·9			16		59	— 2	·127	—·007	6·3	—0·1	0	0·80	—0·80	0	0·11	—0·11	0	0·11	—0·11	0	Gilgit.
																																Baluchistan.
28				1	1	1			S	S 7° E	1·3	2·3	—1·0	8	— 1	69	— 5	·137	—·018	2·2	—1·0	2	4·00	—2·00	0·56	0·94	—0·38	0·56	0·94	—0·38	0·32	Quetta.
8			7	13	1	1	1		S 53° E	S 52° E	3·9	6·7	—2·8	56	—16	62	+ 7	·173	—·002	3·6	+0·1	2	3·10	—1·10	0·70	1·12	—0·42	0·70	1·12	—0·42	0·40	Chaman.
7				2	10	12			S 19° W	S 24° W	4·5*			69	+22	40		·064		0·5		1	2·70	—1·70	0·49	1·18	—0·69	0·49	1·18	—0·69	0·45	Kalat.
6	3	10	8	3		1			N 66° E		6·5*			56		65		·188		2·3		1			0·33			0·33			0·30	Dalbandin.
22	5	2	1					1	N 13° E		2·5			23		83		·523		1·7		0			0			0			0	Pasni.
1	4	16	9	1					N 55° E		6·7			86		75		·203		0·5		1			0·24			0·24			0·24	Panjgur.
2		2				4	18	5	S 47° W		5·7			72		60		·162		3·4		1			0·20			0·20			0·12	Robat.
																																Hill Stations, excluding Kashmir and Baluchistan.
																									0·76	1·02	— 0·26	0·76	1·02	—0·26	0·38	Chitral.
19	5		3		3		1		N 45° E		1·0*			10		77		·145		0		3			1·13	1·25	— 0·12	1·13	1·25	—0·12	0·85	Para Chinar.
17	6	2	1			1	1	3	N 9° W		2·9			30		64		·142		3·2		2	2·50	—0·50	0·52	1·49	— 0·97	0·52	1·49	—0·97	0·51	Cherat.
4	13	2		1	1			10	N 14° W	N 13° W	15·9	13·2	+2·7	69	— 6	39	— 6	·117	—·025	4·9	+1·2	1			0·74	1·45	— 0·71	0·74	1·45	—0·71	0·25	Murree.
16	3			9	2			1	S 50° E	S 84° E	4·5	7·1	—2·6	27	— 2	42	— 4	·105	—·016	4·4	+0·3	3	1·50	+1·50	0·10	1·24	— 1·14	0·10	1·24	—1·14	0·10	Simla.
																31	— 9	·084	—·022	2·1	—1·8	1	1·60	—0·60	0·03	2·10	— 2·07	0·03	2·10	—2·07	0·03	Sarain.
15					5	10	1		S 34° W		1·8			48		90		·149		3·5		0			Observations not received							Kalabagh.
10	17	2						2	N	N 28° E	4·6	5·0	—0·4	64	+27	40	— 9	·109	—·026	1·9	—1·1	0	2·40	—2·40	0	1·39	— 1·39	0	1·39	—1·39	0	Chakrata.
6			4	1	1	1	15	3	S 89° W		7·0			42		34	— 8	·091		2·2		0			0	0·83	— 0·83	0	0·83	—0·83	0	Mukteswar.
26		1	1	2		1			S 59° E	S 89° E	0·5	2·9	—2·4	7	—34	82	+ 4	·205	+·008	3·3	+0·2	0	0·65	—0·65	0	0·21	— 0·21	0	0·21	—0·21	0	Darjiling.
22		1	1	7					S 57° E		1·9			27		73		·245		0·6		0	0·70	—0·70	0	0·19	— 0·19	0	0·19	—0·19	0	Shillong.
24	1	6							N 39° E		1·9			23		71		·280		1·7		0	3·90	—3·90	0	0·24	— 0·24	0	0·24	—0·24	0	Cherrapunji.
30					1				S		1·3			3		96	+ 8	·357		3·4		0	0·80	—0·80	0	0·46	— 0·46	0	0·46	—0·46	0	Maymyo.
22	2		2	1	3	1			S 41° E	S 52° E	1·9	2·7	—0·8	10	0	74	+15	·357	+·052	0·8	—1·1	0	1·00	—1·00	0	0·56	— 0·56	0	0·56	—0·56	0	Pachmarhi.
17	2	3				6	2	1	N 83° W	N 8° E	3·8	4·1	—0·3	17	+ 3	40	— 4	·224	—·001	2·2	+0·5	0	0·50	—0·50	0	0·16	— 0·16	0	0·16	—0·16	0	Mount Abu.
	1	17	12	1					N 63° E	N 72° E	6·1	6·4	—0·3	89	+ 6	95	+15	·516	+·069	6·3	+1·5	0	1·00	—1·00	0·14	0·85	— 0·71	0·14	0·85	—0·71	0·08	Mercara.
6		2	15	7	1				S 78° E		4·0			69		73		·124		6·5		7	3·30	+3·70	3·37	2·28	+ 1·09	3·37	2·28	+3·09	1·14	Ootacamund.
	1	5	12	6				7	N 71° E		14·7*			53		80	+16	·334		6·9		13	8·10	+4·90	6·49	4·09	+ 2·40	6·49	4·09	+2·40	1·51	Kodaikanal.

* Uncorrected for scale error.

§ Mean of 19 days.

† Rainfall from 1st to 15th December 1911.

T

(2) *Abstract of observations taken at 8*

Number of subdivision.	Station.	Elevation of barometer above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity, at 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	Extra India.																					
	Singapore (*a*)	10	29·934		29·835	30·018	24th	29·861	4th	·154	81·3	86·8		74·0		80·4		12·8	90·5	1st	70·2	3rd
	Penang (*a*)	20	29·888		29·833	29·976	9th & 18th	29·798	16th & 31st	·178	81·9	87·7		74·8		81·3		12·9	92·0	7th	71·0	30th
	Trincomalee	99									75·8	83·6	+1·1	73·0	−1·5	78·3	−0·2	10·6	90·5	4th	71·0	4 days
	Colombo	24	29·924	−·025	29·874	29·992	22nd	29·856	12th	·136	73·6	87·4	+0·5	73·0	0	80·2	+0·3	14·4	91·0	14th & 15th	70·5	20th
	Minicoy	7	30·037			30·083	25th	29·985	7th	·098												
	Amini Divi	*13*	29·969	−·027	29·910	30·023	19th	29·891	7th	·132	82·0	87·3	+2·4	75·9	+2·1	81·6	+2·3	11·4	90·2	1st	71·3	30th
	Gyantse	13,120	17·014		16·975	17·045	28th	16·969	23rd	·076	20·5	46·7		7·0		26·9		39·7	56·3	13th	0	25th
	Pharijong	14,400									22·1	40·2		−2·2		19·0		42·4	53·0	11th	−7·2	23rd
	Gangtok	5,660?									46·8	60·5		41·4		50·9		19·1	65·7	11th	37·5	29th
	Gartok (*e*)	14,140	17·672			17·840	7th, 13th & 18th	17·350	22nd	·490	5·4	32·6		−12·[illegible]		10·2		45·0	39·2	16th	−27·6	28th
	Kashgar (*e*)	4,255	25·755			25·930	1st & 23rd	25·500	3rd	·430	19·8	33·0	−3·6	16·2	−0·3	24·6	−1·9	16·8	48·4	1st	8·0	25th
	Kabul		24·364		24·333	24·497	2nd	24·243	12th	·254	27·5	50·0	−4·9	23·2	−4·5	3[illegible]·6	−4·7	26·8	68·2	7th	12·9	13th
	Meshed	3,104	26·915		26·893	27·074	10th & 22nd	26·449	31st	·625	30·5	46·2		25·0	−4·8	36·1		20·2	60·4	27th	11·6	19th
	Jask	13	30·103	−·021	30·069	30·292	20th	29·885	31st	·217	65·0	77·9	−0·1	63·0	−0·8	70·5	−0·5	14·9	83·3	2nd	55·3	12th
	Muscat	20	30·109	−·008	30·077	30·193	1[illegible]th	29·992	31st	·206	69·9	80·3	+4·9	67·8	−2·9	74·1	+1·0	12·5	85·3	31st	61·6	20th
	Bahrein	18	30·124		30·096	30·242	18th	29·935	31st	·307	66·6	71·2		63·3		67·3		7·9	79·1	31st	58·3	12th
	Bushire	14	30·087	−·047	30·063	30·210	18th	29·874	31st	·336	59·2	69·1	−0·1	56·1	+0·7	62·6	+0·3	13·0	76·8	31st	51·0	24th
	Busrah	25	30·124		30·119	30·289	17th & 18th	29·887	30th	·402	56·3	63·3		50·4		56·8		12·9	72·5	2nd	43·1	19th
	Kerman										37·3	58·8		31·[illegible]		45·3		26·9	78·3	6th	22·1	12th
	Ispahan (*b*) (*e*)	*5,817*	24·291			24·420	19th	24·090	31st	·330	30·9	46·1	−6·2	27·6	−1·4	37·0	−3·6	18·3	59·9	31st	18·7	25th
	Tehran (*b*) (*e*)	*4,009*	25·857			25·970	4th	25·560	31st	·410	34·2	44·7	−6·7	31·6	−2·3	38·2	−4·5	13·1	62·0	1st	23·6	24th
	Bagdad	127	† 29·983	† −·020	† 30·104	30·231	18th	29·679	30th	·552	† 48·1	† 63·3	† −0·1	† 44·8	† +1·9	53·7	+0·9	18·5	74·2	1st	37·8	11th
	Beirut (*d*)	111			29·946						59·4	66·8		55·0		60·9		11·8	77·7	1st	47·8	30th
	Aden	94	29·986	−·009	30·013	30·060	2[illegible]th	29·927	8th	·133	76·3	80·9	−0·9	73·6	+0·6	77·2	−0·1	7·3	83·6	3rd	71·4	22nd
	Perim	201	29·839	−·003	29·975	29·883	21st	29·784	31st	·104	78·3	84·0	−0·2	74·8	+0·2	79·4	0	9·2	85·1	2nd	73·6	23rd
	Zanzibar	72	29·928	−·002	29·926	29·980	13th & 14th	29·882	18th & 26th	·098	81·5	86·4	+0·7	79·9	+0·4	83·2	+0·5	6·5	89·6	17th	76·3	11th

N.B.—The elevations in italics indicate barometrical determinations.

Note.—The barometric readings are not reduced to sea-level, in the case of hill or plateau stations, the elevations of which exceed 3,200 feet.

† Mean of 30 days.

B—*concluded.*

at 243 stations in India, etc., in December, 1911—concluded.

Wind direction. Number of winds from: Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Resultant direction	Normal direction	Wind velocity. Mean velocity, miles per hour.	Normal.	Departure from normal.	Wind steadiness. Actual percentage.	Departure from normal.	Hygrometry, 8 hrs. Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs. in inches of mercury.	Departure from normal in inches of mercury.	Cloud. Mean amount at 8 hrs.	Departure from normal.	Rainfall. Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st to 31st Dec., 1911.	Normal rainfall for period, 1st to 31st Dec.	Departure from normal of period, 1st to 31st Dec., 1911.	Heaviest rainfall during month.	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	54	55	56	57
																																Extra India
9	8	7				1		6	N		4·3*			53						6·7		16			10·95	10·69	+0·26	10·95	10·69	+ 0·26	1·83	Singapore.
	9	16		1	1			4	N 23° E		12·1*			76								5			2·70	7·15	—4·45	2·70	7·15	— 4·45	0·89	Penang.
	1	14	2	1	1	8	2	2	N 36° E	N 23° E	7·9*	7·2	+0·7	20	—19	89	+ 3	·794	—·037	6·7	+1·8	20			24·79	14·25	+10·54	24·79	14·25	+10·54	3·50	Trincomalee.
18	6	6	1						N 27° E	N 33° E	4·5*	8·3	—3·8	37	—41	95	+18	·789†	—·012	7·0	+2·6	16			7·33	5·42	+1·91	7·33	5·42	+ 1·91	1·08	Colombo.
	5	11	3	3		1	2	6	N 23° E	N 42° E	4·2	6·2	—2·0	48	—12					4·1	+0·8	11			6·69	3·06	+3·63	6·69	3·06	+ 3·63	1·69	Minicoy.
1	17	9		2		1		1	N 15° E		3·5			74		76	+3	·828	+·020	3·7	+0·1	3			1·36	0·84	+0·52	1·36	0·84	+ 0·52	0·54	Amini Divi.
21		1	4	4		1			S 67° E		4·4			23		71		·084		0		0			0			0			0	Gyantse.
13	3	5		1	5	4			S 27° E		9·5			6		81		·102		0·6		0			0			0			0	Pharijong.
29							2		W		1·0			6		87		·281		1·7		2			0·28	0·89	—0·61	0·28	0·89	— 0·61	0·17	Gangtok.
4	1	2	2	16	1	3		2	S 45° E		9·3			48						1·5		0			0			0			0	Gartok.
30								1	N 45° W	N 8° W	0·1	0·5	—0·8	3		78		·086		5·2		0			0·17	0·09	+0·08	0·17	0·09	+ 0·08	0·05	Kashgar.
	2	2	7	10	6		3	1	S 53° E	S 56° W				48	+38	81		·123							Not	recor	ded.					Kabul.
29	1							1	N 27° W		1·3			6		89		·153		5·1		1			0·47	0·78	—0·31	0·47	0·78	— 0·31	0·27	Meshed.
5	9	8	5	1				3	N 30° E	N 23° E	7·4	10·3	—2·9	59	—14	76	+ 6	·472	—·016	2·7	+0·3	1			0·37	1·27	—0·90	0·37	1·27	— 0·90	0·25	Jask.
23	1		1	1			2	3	N 45° W	S 74° W	5·0	4·0	+1·0	10	—27	72	+ 4	·524	—·025	2·8	+0·8	1			0·25	0·62	—0·37	0·25	0·62	— 0·37	0·17	Muscat.
	3	2	7	4	1	1	7	6	N 14° W		6·7			13		81		·533		3·5		1			0·31	0·81	—0·50	0·31	0·81	—0·50	0·25	Bahrein.
4	5	9	4	5				4	N 46° E	N 63° E	7·3	6·5	+1·3	49	— 9	84	+10	·425	+·045	5·1	+2·8	8			1·96	3·25	—1.29	1·96	3·25	—1·29	0·50	Bushire.
6	1	1	2	4	2	3	9	3	S 69° W		3·5			26		77		·347		3·8		5			4.01	0·82	+3·19	4·01	0·82	+3·19	1·60	Busrah.
24				1	3		2	1	S 34° W		3·7			13		73		·168		3·5		7			2·09			2 09			0·60	Kerman.
26				1	1	3			S 14° W	S 85° W	1·5	2·6	—1·1	13	—28	82	+ 1	·146	—·019	5·8	+2·0	5	1·40	- 3 60	1·72	0·79	+0·93	1·72	0·79	+0·93	0·40	Ispahan.
12	6	9	1			1	1	1	N 23° E	N 11° E	1·2	2·7	—1·5	42	+ 8	76	+12	·148	—·009	4·5	+2·0	6	3·10	+2·90	1·42	1·28	+0·14	1·42	1·28	+0·14	0·39	Tehran.
6	3	3	1	4	4		3	6	N 18° W†	N 3° W	7·5	3·0	+4·3	10	—10	81†	+ 3	·276†	+·008	5·5†	+3·5	4			1·45	1·17	+0·28	1·45	1·17	+0·28	2·84	Beirut.
7		1	2	10	5	3	3		S 21° E					45		66		·347		6·1		13			10·44			10·44			0	Aden.
6	5	19	1						N 38° E	S 76° E	11·4	12·9	—1·5	72	0	77	+ 3	·680	+·025	5·4	+0·2	0			0	0·27	—0·27	0	0·27	— 0·27	0	Perim.
			13	17	1				S 62° E	S 82° E	19·7	19·3	+0·4	87	0	77	+ 3	·689	—·011	3·0	—1·1	0			0	0·16	—0·16	0	0·16	— 0·16	0·91	Zanzibar.
	7	11	1	2	1	2	1		N 36° E	N 85° E	5·1	6·3	—1·2	56	+15	82	+ 1	·877	+·005	5·3	—0·1	5			1·86	5·54	—3·68	1·86	5·54	— 3·68		

* Uncorrected for scale error.

† Mean of 30 days.
§ „ „ 29 „

Table C.—Abstract of observations taken at 8 hrs. at 37 fourth class stations in India, etc., in December, 1911.

Tab

Abstract of observations taken at 8 h

Number of subdivision.	Station.	Temperature of air. Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range during month.	Wind direction. Number of winds from: Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	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	24	25
	II.—Eastern Bengal and Assam.																							
4	Bishnath	59·1	74·3†	...	52·3‡	...	63·4	...	22·0	77·8	2nd	50·3	6th	27·5	...	...	..	...	...	...	...	...	...	...
	Borjuli	58·8	76·9	...	45·2	...	61·0	...	31·7	80·7	31st	40·4	26th & 27th.	40·3	...	...	...	...	...	...	...	...	...	...
	Chandkhira	51·7	82·8	...	46·6	...	64·7	...	36·2	92·5	13th & 15th.	41·9	25th	50·6	...	...	...	...	...	...	...	...	...	...
	Doom Dooma	50·1	72·4	...	47·9	...	60·1	...	24·5	78·1	1st	42·5	26th	35·6	...	...	...	...	...	...	...	...	...	...
	Dikom	51·1	73·6	...	46·1	...	59·9	...	27·5	77·6	1st	41·6	29th	36·0	...	...	...	...	...	...	...	...	...	...
	Golaghat	58·0	58·5	...	47·9	...	53·2	...	10·6	63·5	1st & 3rd.	41·6	12th	21·9	...	...	...	...	...	...	...	...	...	...
	Hailakandi	...	...	...	...	...	...		Observations not received.				...	...	...	...	...	...	...	...	...	...	...	...
	Jorehat	54·2	73·2	...	48·9	...	61·1	...	24·3	77·7	2nd	44·6	26th	33·1	...	...	...	...	...	...	...	...	...	...
	Messa	62·2	78·3	...	44·6	...	61·5	...	33·7	83·4	3rd	40·6	26th	42·8	...	...	...	...	...	...	...	...	...	...
	Panerihat	51·5	75·2	...	45·1§	...	60·1	...	30·1	78·1	3rd	40·3	29th	37·8	...	...	...	...	...	...	...		...	...
	Srimangal	54·1	79·4	...	46·2	...	62·8	...	33·2	84·5	3rd	42·4	25th & 28th.	42·1	...	...	...	...	...	...	...	...	...	...
5	Brahmanbaria	60·5	78·6	...	52·3	...	65·5	...	26·3	83·5	3rd	47·3	24th	36·2	...	...	...	...	...	...	...	...	...	...
	Dam Dim	56·7	83·8	...	44·5	...	64·1	...	39·3	87·7	5th	39·8	29th	47·9	...	...	...	...	...	...	...	...	...	...
	Goalundo	62·3	77·0	...	49·8	...	63·4	...	27·2	82·2	3rd	42·3	27th	39·9	...	...	...	...	...	...	...	...	...	...
	Kalchini	62·0	76·7	...	45·9	...	61·3	...	30·8	82·1	1st	42·4	4 days.	39·7	...	...	...	...	...	...	...	...	...	...
	Nagrakata	63·9	76·0	...	52·1	...	64·1	...	23·9	79·1	3rd	48·0	27th & 29th.	31·1	...	...	...	...	...	...	...	...	...	...
	Pabna	59·8	77·2	...	50·5	...	63·9	...	26·7	81·6	3rd	46·9	25th	34·7	...	...	...	...	...	...	...	...	...	...
	IV.—United Provinces of Agra and Oudh.																							
10	Ballia	55·1	?	...	47·3	...	52·5	...	?	?	...	42·0	22nd	?	...	...	...	...	...	...	...	...	...	...
	XI.—Central Provinces.																							
24	Chhindwara	53·4	78·0	...	48·5	...	63·2	...	29·5	80·9	19th	40·9	30th	40·0	...	2	2	1	...	1	5	11	9	N 75° W
	XIV.—Madras.																							
33	Anantapur	71·2	86·1	...	64·3	...	75·2	...	21·8	92·8	2nd	56·1	21st	36·7	...	...	...	...	...	...	...	...	...	...
34	Guntur‖	71·2	85·8	...	66·3	...	76·0	...	19·5	88·8	3rd	61·0	20th, 24th & 31st.	27·8	...	...	...	...	...	...	...	...	...	...
	Bay Islands.																							
1	Car Nicobar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kashmir.																							
14	Jammu	52·2	67·9	...	48·2	...	58·1	...	19·7	71·1	10th	42·8	22nd	28·3	...	12	17	1	...	1	...	...	...	N 29°
	Kargil	15·5	28·1	..	8·6	...	18·3	...	19·5	38·3	7th	0·1	24th	38·2	...	1	8	...	17	...	...	...	5	N 62°

* Mean of 29 days. § Mean of 12 days. ‡ Mean of 28 days.

C.

t 37 fourth class stations in India, etc., in December, 1911.

Wind velocity.			Wind steadiness.		Hygrometry, 8 hrs.				Cloud.		Rainfall.									Heaviest rainfall during month.	Station.
Mean velocity, miles per hour.	Normal.	Departure from normal.	Actual percentage.	Departure from normal.	Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs. in inches of mercury.	Departure from normal in inches of mercury.	Mean cloud amount at 8 hrs.	Departure from normal.	Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st to 31st December, 1911.	Normal rainfall for period, 1st to 31st December	Departure from normal of period, 1st to 31st December, 1911.		
27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
																					II.—Eastern Bengal and Assam.
...	...	...	...	...	87*	...	·439*	...	...	...	1	...	...	0·13	0·25	−0·12	0·13	0·25	−0·12	0·10	Bishnath.
...	...	...	...	...	79	...	·392	...	...	...	1	...	...	0·16	0·06	+0·10	0·16	0·06	+0·10	0·12	Borjuli.
...	...	...	...	...	95	...	·368	...	...	...	0	...	...	0	0·54	−0·54	0	0·54	−0·54	0	Chandkhira.
...	...	...	...	...	98	...	·357	...	...	...	0	...	...	0	0·41	−0·41	0	0·41	−0·41	0	Doom Dooma.
...	...	...	...	...	95	...	·361	...	...	...	0	...	...	0·03	0·55	−0·52	0·03	0·55	−0·52	0·03	Dikom.
...	...	...	...	...	89	...	·433	...	...	...	1	...	...	0·33	0·39	−0·06	0·33	0·39	−0·06	0·31	Golaghat.
...	...	...	...	...	...	...	...	...	...	Observations not received.					...	...	...	...	...	...	Hailakandi.
...	...	...	...	...	95	...	·397	...	...	...	1	...	...	0·53	0·42	+0·11	0·53	0·42	+0·11	0·52	Jorehat.
...	...	...	...	...	84	...	·468	...	...	...	1	...	...	0·48	0·33	+0·15	0·48	0·33	+0·15	0·48	Messa.
...	...	...	...	...	93	...	·353	...	...	...	2	...	...	0·29	0·26	+0·03	0·29	0·26	+0·03	0·14	Panerihat.
...	...	...	...	...	92	...	·390	...	...	...	0	...	...	0	0·35	−0·35	0	0·35	−0·35	0	Srimangal.
...	...	...	...	...	76	...	·469	...	...	...	0	...	...	0	0·50	−0·50	0	0·50	−0·50	0	Brahmanbaria.
...	...	...	...	...	93	...	·430	...	...	...	0	...	...	0·01	0·19	−0·18	0·01	0·19	−0·18	0·01	Dam Dim.
...	...	...	...	...	78	...	·438	...	...	...	0	...	...	0	0·23	−0·23	0	0·23	−0·23	0	Goalundo.
...	...	...	...	...	74	...	·419	...	...	...	0	...	...	0	0·33	−0·33	0	0·33	−0·33	0	Kalchini.
...	...	...	...	...	71	...	·417	...	...	...	0	...	...	0	0·38	−0·38	0	0·38	−0·38	0	Nagrakata.
...	...	...	...	...	80	...	·414	...	...	...	0	...	...	0	0·19	−0·19	0	0·19	−0·19	0	Pabna.
																					IV.—United Provinces of Agra and Oudh.
...	...	...	...	...	84	...	·366	...	...	...	...	No rain gauge.			...	...	...	...	...	...	Ballia.
																					XI.—Central Provinces.
2·5†	...	...	61	...	77	...	·337	...	0·8	...	0	...	...	0	...	...	0	...	...	0	Chhindwara.
																					XIV.—Madras.
...	...	...	...	...	78	...	·600	...	5·8	...	1	...	...	1·48	...	...	1·48	...	...	1·48	Anantapur.
...	...	...	...	...	87	...	·668	...	4·5	...	0	...	...	0	...	...	0	...	...	0	Guntur.
																					Bay Islands.
...	...	...	...	...	...	...	...	...	...	...	10	...	...	7·75	6·91	+0·84	7·75	6·91	+0·84	2·25	Car Nicobar.
																					Kashmir.
...	...	...	84	...	66	...	·260	...	3·0	...	1	...	...	0·45	...	...	0·45	...	...	0·44	Jammu.
...	...	...	68	...	36	...	·036	...	7·1	...	3	...	...	0·95¶	...	...	0·95¶	...	...	0·30	Kargil.

† Mean of 30 days.

‖ Observations of 29 days.

¶ Snow water.

Ta

Abstract of observations taken at 8

Number of subdivision.	Station.	Temperature of air.													Wind direction.									
															Number of winds from									
		Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range during month.	Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	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	24	25
	Hill Stations, exclusive of Kashmir.																							
	Panighatta	60·8	74·2	...	53·4	...	63·8	...	20·8	77·1	2nd & 3rd.	50·2	26th	26·9	...	...	...	...	...	...	...	...	...	...
	Kurseong	48·7	57·2	...	45·6	...	51·4	...	11·6	61·9	10th	41·9	24th	20·0	...	...	...	...	...	...	...	...	...	...
	Gnatong	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lachung	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Ringim	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Poo	...	47·1	...	27·3	...	37·2	...	19·8	52·8	17th	23·0	23rd & 24th	29·8	19	2	1	2	...	...	...	2	5	N 34°
	Kailang	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bakloh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Drosh	36·1	49·3	...	32·7	...	41·0	...	16·6	59·3	3rd	27·1	13th	32·2	18	...	5	1	3	1	1	...	...	S 81°
	Pishin	...	55·3	...	28·4	...	41·9	...	26·9	63·3	29th	23·0	20th	40·3	...	...	...	...	...	...	...	...	...	...
	Extra India.																							
	Ahwaz	...	64·5	...	51·7		58·1	...	12·8	71·0	1st	44·0	19th	27·0	...	...	...	...	...	...	...	...	...	...
	Birjand	...	...	...	...	...	...	...	...	Observations not received.				...	...	...	...	...	...	...	...	...	...	...
	Chumbi	25·0	48·0	...	20·9	...	34·5	...	27·1	60·8	10th	16·0	31st	44·8	...	...	...	...	...	...	...	...	...	...
	Kirmanshah	37·6	46·9	...	30·3	...	38·6	...	16·6	61·0	1st	20·0	11th & 19th.	41·0	...	...	...	...	...	...	...	...	...	...
	Koweit	...	65·6	...	53·3	...	59·4	...	12·3	70·4	31st	47·2	10th	23·2	1	2	...	5	1	1	2	7	12	N 58°
	Maidan	...	65·6	...	48·3	...	56·9	...	17·3	77·7	3rd	41·7	19th	36·0	...	...	...	...	...	...	...	...	...	...
	Muhammerah	...	66·9	...	52·3	...	59·6	...	14·6	75·8	31st	45·6	18th	30·2	...	2	1	...	2	3	4	...	10	N 69°
	Pemba	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Prison Island	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

C—*concluded.*

at 37 fourth class stations in India, etc., in December, 1911—concluded.

Wind velocity.			Wind steadiness.		Hygrometry, 8 hrs.				Cloud.		Rainfall.									Heaviest rainfall during month.	Station.
Mean velocity, miles per hour.	Normal.	Departure from normal.	Actual percentage.	Departure from normal.	Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs. in inches of mercury.	Departure from normal in inches of mercury.	Mean cloud amount at 8 hrs.	Departure from normal.	Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall from 1st to 31st December, 1911.	Normal rainfall for period, 1st to 31st December.	Departure from normal of period, 1st to 31st December, 1911.		
27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
																					Hill Stations, exclusive of Kashmir.
...	...	...	...	...	60	...	·320	...	...	...	0	...	...	0·02	0·44	−0·42	0·02	0·44	−0·42	0·02	Panighatta.
...	...	...	...	...	79	...	·271	...	...	...	0	...	...	0	0·62	−0·62	0	0·62	−0·62	0	Kurseong.
...	...	...	...	...	...	...	...	...	...	...	0	...	..	0	...	...	0	...	...	0	Gnatong.
...	...	...	...	...	...	...	...	...	...	...	...	Rainfall data not received.					...	...	...	...	Lachung.
...	...	...	...	...	...	...	...	...	...	...	...	Ditto			ditto.		...	...	...	...	Ringim.
...	...	...	23	...	...	...	...	...	3·7	...	0	...	...	0·07	0·83	−0·76	0·07	0·83	−0·76	0·07	Poo.
...	...	...	...	...	...	...	...	...	...	...	...	Rainfall data not received.					...	...	...	...	Kailang.
...	...	...	...	...	...	...	...	...	...	...	0	...	...	0·06	...	...	0·06	...	...	0·04	Bakloh.
...	...	...	21	...	63	...	·132	...	5·5	...	2	...	...	1·08	1·02	+0·06	1·08	1·02	+0·06	0·76	Drosh.*
...	...	...	...	...	...	...	...	...	1·9	...	2	...	...	0·72	1·27	−0·55	0·72	1·27	−0·55	0·35	Pishin.
																					Extra India.
...	...	...	...	...	...	...	...	...	4·5	...	7	...	...	3·50	...	...	3·50	...	...	1·00	Ahwaz.
...	...	...	...	...	...	...	...	...	Observations not received.					...	...	...	...	...	...	...	Birjand.
...	...	...	...	...	74	...	·100	...	0·5	...	0	...	...	0	...	...	0	...	...	0	Chumbi.
...	...	...	...	...	48	...	·182	...	...	...	13	...	...	5·58†	...	...	5·58†	...	...	1·40	Kirmanshah.
...	...	...	42	...	...	...	...	...	4·7	...	5	...		1·66	...	...	1·66	...	...	0·90	Koweit.
...	...	...	...	...	...	...	...	...	...	...	11	...	...	6·95	...	...	6·95	...	...	1·25	Maidan.
...	...	...	36	...	...	...	...	...	...	...	7	...	...	2·81	...	...	2·81	...	...	1·00	Muhammerah.
...	...	...	...	...	...	...	...	...	...	...	8	...	...	3·53	7·36	−3·83	3·53	7·36	−3·83	1·25	Pemba.
...	...	...	...	...	...	...	...	...	...	...	...	Rainfall data not received.					...	...	...	...	Prison Island.

* Wind observations less 2.

† Rain and snow water.

‡ Wind variable 9.

Table A.—Abstract of observations taken at 10 hrs. and 16 hrs. at 35 stations in India, etc., in the year 1911.

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TABL

Abstract of observations taken at 10 hrs. and 16 hr

Number of sub-division.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure. Mean of 10 hrs.	Mean of 16 hrs.	Mean daily range.	Mean of daily mean pressures.	Departure from normal.	Mean reduced to sea-level and gravity, 45° Lat.	Temperature of air. Mean maximum.	Mean minimum.	Mean daily range.	Highest maximum.	Lowest minimum.	Absolute range.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
	I.—Burma.																	
2	Rangoon (a)	18	29·901	29·782	·119	29·844	+·003	29·799	88·9	73·5	15·4	100·6	56·3	44·3	82·6	86·1	79·2	—
	III.—Bengal.																	
6	Calcutta	21	·837	·723	·114	·779	—·009	·745	87·8	71·0	16·8	101·9	47·8	54·1	81·8	85·1	78·8	+
	IV.—United Provinces of Agra and Oudh.																	
10	Allahabad	309	·530	·415	·115	·467	—·009	·729	90·0	67·6	22·4	115·4	40·5	74·9	82·0	88·2	77·6	+
11	Dehra Dun. (a)	2,233	27·583	27·499	·084	27·534	—·020	·712	81·5	62·1	19·4	102·0	34·0	68·0	74·2	75·3	70·8	—
	V.—Punjab.																	
12	Lahore	702	29·115	29·023	·092	29·061	—·010	·731	89·9	64·2	25·7	116·7	36·4	80·3	79·6	87·7	75·9	+
	VIII.—Rajputana.																	
19	Jaipur	1,431	28·430	28·324	·106	28·371	—·006	·747	91·7	66·6	25·1	114·2	35·4	78·8	82·6	89·5	77·9	+
...	Udaipur (a)	1,925	27·941	27·842	·099	27·888	...	·731	90·0	66·7	23·3	109·6	36·4	73·2	82·6	88·1	78·1	
	IX.—Bombay.																	
2	Bombay	37	29·893	29·795	·098	29·841	+·014	·818	86·7	75·7	11·0	94·2	58·6	35·6	81·1	83·1	80·1	
	XI.—Central Provinces.																	
24	Nagpur (a)	1,017	28·836	28·708	·128	28·771	+·011	·729	92·9	70·3	22·6	114·6	44·2	70·4	84·1	90·5	80·6	
	XII.—Hyderabad.																	
29	Hyderabad	1,690	·207	·091	·116	·149	+·003	·753	91·6	69·9	21·7	109·4	47·7	61·7	82·9	88·2	79·7	
	XIII.—Mysore.																	
30	Bangalore	3,021	26·963	26·853	·110	26·911	+·010	·781	85·1	64·0	21·1	98·0	52·0	46·0	76·9	82·0	73·2	
...	Mysore	2,518	27·452	27·333	·119	27·396	+·005	·797	85·6	65·2	20·4	97·6	53·7	43·9	77·7	83·4	74·0	
	XIV.—Madras.																	
32	Pudukkottai	318	29·609	29·470	·139	29·541	...	·787	93·9	74·2	19·7	105·5	62·3	43·2	85·5	91·0	84·1	
...	Madras	22	·896	·781	·115	·843	0	·796	91·9	75·5	16·4	106·4	62·0	44·4	86·8	86·7	82·6	
	Bay Islands.																	
1	Port Blair	58	·870	·777	·093	·825	+·003	·812	86·3	76·4	9·9	92·2	69·8	22·4	83·0	83·9	80·3	

(a) Mean of 11 months.

A.

at 35 stations in India, etc., in the year 1911.

Temperature, Wet-bulb.				Vapour tension in inches of mercury.					Humidity.					Cloud.				Rainfall.		Station.	Number of sub-division.
Mean minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of three previous columns.	From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	Mean 10 hrs.	Mean 16 hrs.	Mean of two previous columns.	Departure from normal.	Total rainfall for the year.	Heaviest rainfall during the year.		
20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41
																				I.—Burma.	
71·6	75·3	75·3	73·8	·758	·782	·735	·775	—·033	91	71	61	79	—4	5·9	6·3	6·1	+0·5	104·29	5·08	Rangoon	2
																				III.—Bengal.	
68·7	73·8	74·0	72·2	·702	·752	·713	·738	—·006	88	67	58	74	—3	4·3	4·7	4·5	—0·1	43·37	1·88	Calcutta	6
																				IV.—United Provinces of Agra and Oudh.	
63·3	69·1	70·4	67·6	·560	·570	·531	·568	+·001	80	52	41	61	0	4·1	4·2	4·1	+0·6	38·79	5·03	Allahabad	10
58·2	64·7	66·4	63·1	·468	·520	·524	·514	+·029	80	60	54	68	—4	4·1	4·9	4·5	+0·5	79·82	8·11	Dehra Dun	11
																				V.—Punjab.	
59·4	66·2	68·4	64·6	·492	·505	·470	·499	+·001	76	49	37	56	0	2·2	2·6	2·4	—0·5	15·61	2·25	Lahore	12
																				VIII.—Rajputana.	
59·1	66·1	67·5	64·1	·447	·467	·425	·454	—·011	64	41	31	49	—4	2·9	4·0	3·5	—0·2	17·78	1·62	Jaipur	19
61·0	67·0	68·9	65·6	·493	·484	·480	·489	...	72	43	36	51	...	3·0	3·4	3·2	...	14·12	1·94	Udaipur	...
																				IX.—Bombay.	
71·7	74·6	75·7	73·9	·729	·773	·799	·782	—·010	81	72	70	77	—1	4·3	4·1	4·2	+0·4	46·51	4·38	Bombay	26
																				XI.—Central Provinces.	
61·2	69·3	70·8	66·8	·449	·545	·513	·508	—·040	60	49	40	52	—4	3·5	4·6	4·1	—0·6	47·97	12·40	Nagpur	24
																				XII.—Hyderabad.	
63·4	68·7	69·2	67·1	·515	·527	·479	·512	—·068	70	49	39	55	—7	3·8	5·0	4·4	+0·2	20·86	1·88	Hyderabad	29
																				XIII.—Mysore.	
61·6	66·8	67·1	65·1	·523	·543	·495	·530	—·012	88	59	47	67	—1	4·3	5·2	4·7	...	31·17	4·52	Bangalore	30
63·4	69·1	70·1	67·5	·565	·610	·574	·593	+·036	90	65	52	71	+5	5·6	6·2	5·9	—0·2	35·14	2·15	Mysore	...
																				XIV.—Madras.	
71·8	76·0	77·3	75·0	·751	·772	·764	·762	...	89	64	54	69	...	5·0	5·5	5·3	...	36·72	3·43	Pudukkottai	32
72·9	77·3	78·0	75·6	·781	·813	·847	·830	+·021	88	65	67	76	0	3·9	4·1	4·0	—1·0	36·53	4·81	Madras	...
																				Bay Islands.	
73·5	77·1	77·1	75·9	·785	·850	·841	·843	—·059	87	76	73	81	—3	5·8	6·2	6·0	+0·1	105·80	5·35	Port Blair	1

TABL

Abstract of observations taken at 10 hrs. and 16 h

Number of sub-division.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure. Mean of 10 hrs.	Mean of 16 hrs.	Mean daily range.	Mean of daily mean pressures.	Departure from normal.	Mean reduced to sea-level and gravity, 45° Lat.	Temperature of air. Mean maximum.	Mean minimum.	Mean daily range.	Highest maximum	Lowest minimum.	Absolute range.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	1
	Kashmir.																	
14	Srinagar	5,204	24·894	24·808	·086	24·847	—·009	24·818	65·4	45·1	20·3	94·1	20·1	74·0	55·9	63·3	53·6	+
	Leh	11,503	19·697	19·603	·094	19·651	—·012	19·619	54·8	29·1	25·7	84·9	—12·5	97·4	44·7	50·5	40·3	—
	Baluchistan.																	
16	Quetta(a)	5,502	24·617	24·544	·073	24·574	—·003	24·531	75·0	45·2	29·8	100·1	16·1	84·0	66·7	72·0	59·9	—
	Hill Stations, excluding Kashmir and Baluchistan.																	
	Simla	7,232	23·110	23·062	·048	23·079	+·003	23·040	60·8	49·8	11·0	81·8	23·3	58·5	56·3	57·8	55·0	—
	Saraia	...	·145	·090	·055	·110	...	·072	61·1	42·9	18·2	81·2	17·3	63·9	55·3	55·5	51·7	
	Kalabagh(b)	...	20·140	20·105	·035	20·116	...	20·078	52·3	42·6	9·7	62·4	27·9	34·5	48·6	49·6	47·1	
	Chakrata(a)	7,022	23·268	23·217	·051	23·233	—·010	23·194	65·5	50·1	15·4	83·3	22·1	61·2	60·8	59·1	57·6	—
	Mukteswar	7·592	22·838	22·776	·062	22·799	...	22·757	63·0	47·6	15·4	80·3	22·6	57·7	56·5	59·5	55·0	
	Katmandu	4,388	25·654	25·549	·105	25·598	†+·033	25·552	76·1	54·8	21·3	91·8	31·4	60·4	65·9	72·8	65·2	†
	Darjiling(a)	7,376	22·977	22·901	·076	22·936	—·048	22·891	59·5	48·8	10·7	72·9	27·6	45·3	55·5	55·7	54·0	
	Pachmarhi(a)	3,528	26·420	26·336	·084	26·374	—·010	26·320	80·9	63·0	17·9	102·5	36·1	66·4	72·1	77·8	71·7	
	Mount Abu(c)	3,945	·027	25·958	·069	25·988	—·006	25·938	77·1	63·4	13·7	94·8	38·0	56·8	71·1	75·1	70·1	
	Chikalda(a)	3,642	·332	26·240	·092	26·282	—·001	26·226	81·0	65·0	16·0	101·1	40·3	60·8	74·3	78·2	72·8	
	Ootacamund	7,327	23·077	23·007	·070	23·039	...	22·975	66·1	48·7	17·4	75·2	33·3	41·9	62·3	61·0	57·2	
	Kodaikanal	7,688	22·852	22·786	·066	22·819	...	·754	65·0	51·1	13·9	74·9	39·8	35·1	61·3	59·4	58·0	
	Dodabetta	8,539	·084	·018	·066	·047	...	21·985	59·6	47·4	12·2	69·7	38·8	29·9	56·3	55·0	53·2	
	Extra India.																	
	Minicoy	7	29·970	29·903	·067	29·910	...	...	...	...	...	...	...	...	...	...	...	
	Zanzibar	72	30·019	·908	·111	·968	+·019	29·966	83·4	76·1	7·3	91·7	69·1	22·6	79·6	82·6	78·9	
	Diego Garcia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Seychelles	15	~~30·160~~	29·905	~~·255~~	29·956	†+·012	29·895	82·8	77·0	5·8	86·6	72·4	14·2	80·6	81·6	78·7	†
	Mauritius	181	...	...	...	·877	—·007	30·000	...	...	...	92·3	54·8	37·5	...	...	72·8	

N.B.—Elevations in italics indicate barometric determinations.
NOTE.—The barometric readings are not reduced to sea-level, in the case of hill or plateau stations, the elevations of which exceed 3,200 feet.
(a). Mean of 11 months.
(b). " " 7 "
(c). " " 10 "

A.—*concld.*

at 35 stations in India, etc., in the year 1911—concluded.

Temperature, Wet-bulb.				Vapour tension in inches of mercury.					Humidity.					Cloud.				Rainfall.		Station.	Number of sub-division.
Mean minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of three previous columns.	From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means	Departure from normal.	From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means	Departure from normal.	Mean 10 hrs.	Mean 16 hrs.	Mean of two previous columns.	Departure from normal.	Total rainfall for the year.	Heaviest rainfall during the year.		
20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41
																				Kashmir.	
42·7	52·1	58·3	51·0	·266	·404	·513	·368	+·005	80	78	74	‡ 77	−3	4·6	4·9	4·7	+0·3	27·58	1·88	Srinagar	14
25·1	34·9	37·8	32·6	·124	·144	·145	·137	+·003	67	48	40	53	+2	4·6	5·4	5·0	−0·6	2·59	0·29	Leh	
																				Baluchistan.	
41·5	50·2	51·9	47·9	·241	·213	·196	·218	−·037	77	35	30	49	0	2·0	2·7	2·3	+0·1	12·05	1·64	Quetta	16
																				Hill Stations, excluding Kashmir and Baluchistan.	
43·3	47·7	49·4	46·8	·233	·263	·287	·262	−·021	60	54	57	59	−2	4·7	5·7	5·2	+0·1	61·24	2·56	Simla	
...	47·4	48·3	...	...	·271	·290	...	...	...	61	65	...	...	5·0	5·9	5·5	...	76·72	3·70	Sarain	
...	44·0	45·2	...	...	·257	·262	...	...	...	74	75	...	...	6·4	7·4	6·9	...	45·74	4·11	Kalabagh	
45·4	53·5	52·9	50·9	·279	·357	·358	·331	+·021	72	65	69	70	+4	4·9	6·0	5·5	+0·7	80·66	4·47	Chakrata	
41·8	49·4	51·7	47·7	·226	·299	·325	·281	...	63	62	61	64	...	5·2	5·9	5·5	...	50·70	1·79	Muktesowar	
52·8	60·1	62·7	58·5	·408	·483	·475	·456	+·007	88	72	57	73	0	4·5	5·5	5·0	+0·5	62·34	2·33	Katmandu	
47·9	53·2	53·3	51·5	·339	·397	·399	·379	+·011	93	86	86	90	+3	8·3	8·3	8·3	+1·4	134·82	5·82	Darjiling	
57·0	62·2	63·8	61·0	·415	·461	·445	·443	+·008	71	61	51	63	+4	2·6	2·4	2·5	−2·1	69·88	7·55	Pachmarhi	
54·4	59·6	60·6	58·2	·337	·383	·380	·369	+·024	56	51	43	52	−3	4·2	4·2	4·2	+0·3	16·57	2·11	Mount Abu	
58·4	62·9	64·4	61·9	·424	·454	·453	·446	+·003	69	57	51	61	+1	4·1	4·3	4·2	−0·3	51·05	5·00	Chikalda	
46·3	53·4	54·3	51·3	·294	·319	·354	·322	...	84	59	68	70	...	5·6	7·2	6·4	...	69·88	2·99	Ootacamund	
46·0	53·4	54·7	51·4	·271	·336	·383	·330	...	71	63	76	70	...	4·9	7·2	6·1	...	64·06	3·99	Kodaikanal	
42·5	49·6	50·5	47·6	·227	·292	·323	·280	...	68	66	76	70	...	6·4	7·6	7·0	...	53·88	2·24	Dodabetta	
																				Extra India.	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	4·3	4·5	4·4	...	66·42	4·43	Minicoy	
70·9	74·7	74·2	73·3	·692	·792	·743	·767	−·049	77	78	67	76	−4	5·8	5·0	5·4	+0·3	59·09	3·30	Zanzibar	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	5·0	5·2	5·1	...	101·03	4·90	Diego Garcia	
71·0	75·3	75·5	73·9	·683	·807	·804	·782	−·030	73	77	74	77	−4	5·8	6·1	5·9	† −0·3	76·88	4·18	Seychelles	
...	...	...	67·7	...	...	...	·603	−·017	...	...	...	74	−1	...	...	5·5	+0·2	46·29	4·47	Mauritius	

† Departure from old normals.

‡ Mean of three previous columns.

Table B—Abstract of observations taken at 8 hrs. at 246 stations in India, etc., in the year 1911.

(1) Provincial means

(2) Data of stations.

(1) Provincial means based on the material in Table B (2) except that the statement of rainfall depends on the complete data of about 2,000 stations.

Division.	Pressure departure from normal of year.	Temperature of air.								Wind.	Hygrometry.				Cloud.		Rainfall.		
		Mean maximum of year.	Departure from normal of year.	Mean minimum of year.	Departure from normal of year.	Yearly mean of mean between maximum and minimum.	Departure from normal of year	Mean daily range of temperature.	Absolute range during year.	Departure of velocity from normal.	Mean humidity of year.	Departure from normal of year.	Mean vapour tension of year.	Departure from normal of year.	Mean cloud amount of year.	Departure from normal of year.	Rainfall of year.	Normal rainfall of year.	Departure from normal of year.
																	"	"	"
Burma	—·001	87·6	—0·7	70·0	—0·3	78·8	—0·5	17·7	27·3	—0·1	84	+1	·738	—·009	5·0	+0·1	83·04	79·68	+3·36
Eastern Bengal and Assam	—·006	84·0	—0·8	68·1	0	76·0	—0·5	15·9	27·7	—0·6	87	—1	·723	—·013	4·9	+0·1	109·47	92·81	+16·66
Bengal	—·007	87·6	—0·4	69·0	—0·1	78·3	—0·3	18·7	31·3	+0·2	78	—1	·687	—·004	3·9	+0·3	55·64	54·50	+1·14
United Provinces of Agra and Oudh	—·007	88·3	—0·3	66·3	+0·4	77·3	+0·1	22·0	37·2	+0·1	69	0	·577	+·010	3·1	0	37·75	39·52	—1·77
Punjab	—·003	88·7	—0·9	64·4	+1·1	76·5	+0·1	24·2	41·6	+0·3	63	0	·500	—·003	2·5	—0·2	19·11	20·72	—1·61
North-West Frontier Province	—·019	86·7	—1·3	61·7	+0·8	74·2	—0·3	25·1	43·0	—0·6	65	+2	·489	+·004	2·8	+0·3	20·00	16·24	+3·76
Sind	+·001	90·2	—0·9	68·4	+0·2	79·3	—0·3	21·8	36·8	—0·7	65	+2	·587	+·015	2·7	—0·1	1·03	6·63	—5·60
Rajputana	—·001	91·7	+0·5	68·0	+0·7	79·9	+0·6	23·7	40·0	+0·7	53	—2	·476	—·019	2·9	—0·1	14·21	21·06	—6·85
Bombay	+·010	89·6	+0·4	69·7	+0·3	79·6	+0·4	20·0	31·8	—0·2	68	0	·626	—·005	3·8	+0·2	29·80	47·84	—18·04
Central India	—·001	88·8	+0·1	66·1	+1·2	77·4	+0·7	22·8	37·6	0	63	+1	·526	+·005	4·2	+1·2	32·16	38·10	—5·94
Central Provinces	+·002	89·7	0	67·5	+0·6	78·6	+0·3	22·2	35·5	+0·3	61	—2	·516	—·025	3·7	+0·3	36·92	41·39	—4·47
Hyderabad	+·004	91·9	+0·6	69·8	+0·7	80·9	+0·6	22·0	33·6	+1·2	60	—5	·542	—·043	3·9	—0·3	22·83	32·48	—9·65
Mysore	+·011	85·3	+0·3	64·6	—0·2	74·9	+0·1	20·6	29·4	+0·9	76	+1	·579	—·004	4·9	—0·3	33·94	36·25	—2·31
Madras	+·005	90·9	+0·3	73·9	+0·2	82·4	+0·2	16·9	26·5	+0·7	75	—1	·752	—·013	4·7	0	39·31	44·19	—4·88

Table

(2) *Abstract of observations taken at 8 hrs. at 24*

	STATION.	Elevation of barometer above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal of year.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity at 45° Lat.	Highest pressure recorded during year.	Lowest pressure recorded during year.	Absolute range during year.	Mean monthly range of pressure.	Temperature of air. Mean of 8 hrs. temperature of year.	Mean maximum of year.	Departure from normal of year.	Mean minimum of year.	Departure from normal of year.	Yearly mean of mean between maximum and minimum.	Departure from normal of year.	Mean daily range of temperature.	Highest temperature observed during year.	Lowest temperature observed during year.	Absolute range during year.	Mean monthly absolute range.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	I.—Burma.		W.		W.				W.	Z	Z.		Z.		Z.		Z.				Z.
2	Victoria Point ...	97	29·803	...	29·865	29·994	29·663	·331	·162	79·1	85·6	—	74·8	...	80·3	...	10·9	94·7	70·7	24·0	17·
	Mergui ...	65	29·875	+·007	29·871	30·050	29·699	·351	·175	77·5	87·7	+0·1	71·5	+0·3	79·6	+0·2	16·2	95·9	59·9	36·0	24·
	Tavoy ...	19	29·918	—·006?	29·869	30·088	29·731	·357	·177	75·7	87·7	−0·2	72·1	+0·9	79·9	+0·3	15·6	99·0	57·8	41·2	24·
	Moulmein ...	94	29·836	+·012	29·869	30·020	29·575	·445	·199	75·9	88·1	0	72·4	0	80·2	0	15·8	90·5	46·8	42·7	23·
	Rangoon ...	18	29·900	+·001	29·855	30·096	29·628	·468	·209	76·3	89·0	—0·5	73·2	+0·4	81·1	−0·1	15·8	100·6	56·4	44·2	24·
	Bassein ...	27?	29·877	+·002	29·840	30·087	29·614	·473	·209	76·6	88·1	+0·1	72·4	+0·3	80·3	+0·2	15·7	100·2	56·9	43·3	23·
	Diamond Island...	41	29·865	—·003	29·841	30·065	29·605	·460	·208	80·4	85·1	−0·5	73·5	—1·7	79·3	—1·1	11·5	90·4	67·2	23·2	17·
	Toungoo ...	164	29·743	+·006	29·851	29·955	29·432	·523	·215	74·6	89·1	—1·2	69·8	—0·9	79·4	−1·0	19·3	101·5	46·9	54·6	28·
	Kyaukpyu ...	18	29·867	—	29·825	30·089	29·508	·581	·232	76·9	84·4	...	71·9	...	78·1	...	12·5	93·0	53·4	39·6	21·
	Akyab... ...	20	29·869	—·002	29·830	30·112	29·458	·654	·245	74·4	84·7	−1·5	71·1	—1·2	77·9	—1·3	13·6	93·9	51·5	42·4	22·
3	Thayetmyo ...	121	29·771	+·001	29·834	30·039	29·437	·602	·235	76·4	91·3	—0·6	69·2	—0·4	80·2	—0·5	22·0	105·9	42·9	63·0	32·
	Minbu ...	*165*	29·713	—·011	29·823	29·990	29·384	·606	·238	75·7	91·6	—0·7	70·6	—0·5	81·1	—0·6	21·0	106·3	47·5	58·8	31
	Yamethin ...	657	29·211	—·020?	29·826	29·447	28·898	·549	·225	73·7	90·7	—1·5	65·7	—0·6	79·7	—1·1	21·9	101·8	46·0	58·8	32
	Mandalay ...	250	29·628	—·001	29·830	29·911	29·294	·617	·247	75·6	93·2	+0·8	70·3	—0·8	81·8	0	22·9	107·0	49·6	57·4	33
	Monywa ...	*280*	29·610	...	29·843	29·901	29·255	·646	·256	74·9	90·9	...	71·0	...	81·0	...	20·0	107·3	48·6	58·7	31
	Lashio ...	2,820	27·101	—·015	29·856	27·315	26·794	·521	·240	65·2	80·1	—2·4	61·9*	—0·1*	71·6*	—1·5*	19·1*	92·3*	36·5	55·8	29
	Bhamo ...	*381*	29·507	—·008	29·851	29·815	29·119	·696	·265	69·6	84·8	—1·8	64·6	—0·5	74·7	—1·2	20·2	99·4	42·1	57·3	33
	Myitkyina ...	458	29·405	...	29·832	29·710	29·025	·685	·264	69·5	82·7	...	65·1	...	73·9	...	17·6	98·2	45·0	53·2	29
	II.—Eastern Bengal and Assam.																				
4	Dibrugarh .	353	29·523	...	29·847	29·872	29·109	·763	·294	68·6	79·4	...	66·1	...	72·7	...	13·2	96·4	45·6	50·8	25
	Sibsagar . .	333	29·556	—·011	29·856	29·904	29·123	·781	·300	69·5	79·5	—2·3	65·9	+0·1	72·7	—1·1	13·5	94·6	44·0	50·6	25
	Tezpur . .	262	29·630	...	29·846	29·985	29·195	·790	·310	70·1	82·6	...	67·5	...	75·0	...	15·1	97·1	46·4	50·7	26
	Gauhati . .	195	29·684	...	29·839	30·038	29·234	·804	·296	71·1	83·5	...	66·5	..	75·0	...	17·0	97·8	41·6	56·2	28
	Dhubri . .	115	29·748	—·005	29·819	30·093	29·302	·791	·294	71·9	81·4	—1·4	68·2	+0·1	74·8	—0·7	13·2	92·5	47·6	44·9	23
	Silchar . .	104	29·780	—·007	29·839	30·067	29·301	·786	·279	71·3	84·8	—1·4	66·9	—0·6	75·9	—1·0	17·9	99·3	45·3	54·0	29
5	Cox's Bazar . .	36	29·839	...	29·820	30·124	29·355	·769	·262	74·9	84·3	...	69·2	...	76·7	...	15·1	91·7	48·7	43·0	24
	Chittagong . .	87	29·785	+·003	29·829	30·083	29·313	·770	·274	73·7	84·4	—0·4	68·5	—1·0	76·5	—0·7	15·9	93·0	47·0	46·0	28
	Noakhali . .	43	29·827	...	29·818	30·140	29·352	·788	·277	74·2	83·7	...	69·5	...	76·6	...	14·1	91·3	45·4	45·9	24
	Barisal . .	12	29·846	—·001	29·805	30·165	29·352	·813	·271	76·0	85·6	—0·4	69·9	—0·5	77·7	—0·5	15·7	96·8	46·1	50·7	27
	Comilla .	36	29·830	...	29·815	30·153	29·356	·797	·276	74·3	85·8	...	69·3	...	77·5	...	16·5	94·8	47·3	47·5	27
	Narayanganj .	26	29·827	—·006	29·802	30·160	29·354	·806	·278	75·3	85·6	—0·8	70·6	+0·1	78·1	—0·4	15·1	95·5	48·8	46·7	28
	Faridpur . .	46	29·813	...	29·810	30·144	29·342	·802	·277	74·3	85·7	...	69·0	...	77·3	...	16·6	97·8	43·9	53·9	28
	Sirajganj . .	49	29·804	...	29·804	30·150	29·356	·794	·281	72·5	84·1	...	68·8	...	76·5	...	15·3	101·9	44·3	57·6	28
	Mymensingh .	63	29·806	0	29·821	30·135	29·344	·791	·279	73·6	84·4	+0·1	69·1	+0·7	76·7	+0·3	15·3	96·1	46·6	49·5	27
	Bogra . . .	75	29·778	—·001	29·806	30·117	29·340	·777	·289	72·7	85·6	—0·8	68·1	0	76·9	—0·4	17·4	104·2	44·2	60·0	30
	Rampur Boalia .	70	29·781	...	29·802	30·128	29·314	·814	·291	74·6	86·4	...	69·2	...	77·8	...	17·2	104·1	45·1	59·0	28
	Malda . . .	72	29·763	...	29·788	30·144	29·318	·826	·298	73·9	85·5	...	67·4	...	76·4	...	18·0	103·8	42·0	61·8	31
	Dinajpur . .	123	29·710	—·015	29·790	30·059	29·292	·767	·297	71·3	85·0	—1·1	66·8	—0·3	75·9	—0·7	18·2	101·3	42·0	59·3	31
	Rangpur . .	123	29·730	...	29·811*	30·073	29·305	·768	·294	72·6	83·9	...	66·9	...	75·4	...	16·9	97·6	42·4	55·2	28
	Jalpaiguri . .	283	29·566	—·014	29·813	29·898	29·151	·747	·301	70·8	84·1	+0·3	66·9	+1·0	75·5	+0·7	17·2	97·4	45·4	52·0	29
	Cooch Behar .	156	29·701	...	29·818	30·049	29·266	·783	·295	70·4	82·3	...	67·3	...	74·8	...	15·1	94·8	44·6	50·2	28

N. B.—Elevations in italics indicate barometrical determinations.
W = Mean of 11 months.
Z = " 8 "
* Mean of 10 months.

B.

stations in India, &c., in the year 1911.

Wind direction. Number of winds from: Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Wind velocity. Mean velocity in miles per hour of year.	Normal velocity of year.	Departure from normal of year.	Hygrometry, 8 hrs. Mean humidity at 8 hrs. of year.	Departure from normal of year.	Mean vapour tension at 8 hrs. in inches of mercury of year.	Departure from normal in inches of mercury of year.	Cloud. Mean cloud amount at 8 hrs. of year.	Departure from normal of year.	Rainfall. Number of rainy days during year.	Normal number of rainy days during year.	Departure from normal of year.	Rainfall of year.	Normal rainfall of year.	Departure from normal of year.	Heaviest rainfall during year.	Station.
23	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
																									Burma.—I.
13	25	87	54	59	41	49	21	16	F.* 5·9	...	...	Z 87	...	Z ·858	...	6·7	...	153*	...	...	145·90*	...	...	6·17	Victoria Point.
262	26	15	16	5	1	33	4	3	7·4	1·9	+5·5	88	+3	·833	+·017	4·6	—0·7	152	154·20	—2·20	174·70	163·22	+11·48	4·50	Mergui.
349	...	1	1	...	3	11	...	...	*1·5	1·5	0	89	+2	·797	—·004	4·5	—0·6	139	147·30	—8·30	221·65	215·84	+5·81	6·08	Tavoy.
57	14	58	133	28	48	18	7	2	4·6	3·1	+1·5	88	+1	·790	—·010	5·7	+0·8	140	140·60	—0·60	200·41	187·86	+12·55	7·85	Moulmein.
143	33	53	14	18	46	34	15	9	2·7	4·3	—1·6	85	—3	·779	—·026	6·1	+1·1	128	123·10	+4·90	104·29	97·63	+6·66	5·08	Rangoon.
246	8	11	8	8	33	24	16	11	4·7	4·4	+0·3	87	—1	·810	—·007	4·4	—0·5	113	128·50	—15·50	89·31	109·77	—20·46	3·43	Bassein.
24	32	84	20	14	15	84	31	61	11·0	8·7	+2·3	79	0	·825	+·008	5·1	—0·3	108	120·44	—12·44	125·68	116·61	+9·07	6·94	Diamond Island.
112	40	28	8	68	74	20	...	17	2·5	3·3	—0·8	85	—1	·752	—·026	4·4	—0·8	120	113·60	+6·40	84·29	82·26	+2·03	2·90	Toungoo.
30	14	66	45	133	26	20	6	25	*4·2	...	...	85	...	·800	...	4·3	...	127	...	...	161·25	...	...	4·29	Kyaukpyu.
50	69	98	42	41	26	18	3	18	3·8	3·2	+0·6	90	+2	·778	—·027	5·3	+0·2	132	118·70	+13·30	209·51	191·44	+18·07	15·90	Akyab.
93	18	30	10	34	412	59	6	3	4·3	5·1	—0·8	80	+4	·748	+·040	5·3	+1·1	71	72·50	—1·50	34·41	37·34	—2·93	2·80	Thayetmyo.
40	4	5	3	166	35	12	11	89	4·1	8·7	—4·6	73	—2	·678	—·024	4·1	+0·7	58	50·50	+7·50	33·43	34·33	—0·90	2·10	Minbu.
114	16	1	...	109	97	2	...	26	3·5	5·7	—2·2	80	+2	·681	—·021	3·4	+0·7	57	61·20	—4·20	31·23	38·65	—7·42	2·05	Yamethin.
82	11	17	7	145	63	19	7	14	4·9	5·0	—0·1	73	—2	·656	—·054	3·2	—1·1	59	47·50	+11·50	41·45	32·97	+8·48	3·28	Mandalay.
78	88	12	18	99	25	1	2	42	W 3·3	...	...	81	...	·723	...	5·5	...	41	44·60	—3·60	33·84	32·18	+1·66	4·07	Monywa.
207	11	40	12	6	20	49	6	5	3·1*	...	...	86	0	·556	—·005	5·8	—0·9	100	...	...	63·42	62·25	+1·17	4·45	Lashio.
324	13	23	3	...	1	1	...	...	1·5	2·4	—0·9	91	+4	·690	+·016	6·5	+1·4	120	99·80	+20·20	85·90	71·69	+14·21	3·74	Bhamo.
303	5	20	17	10	8	1	...	1	1·3	...	...	86	...	·643	...	5·9	...	127	...	...	93·36	76·14	+17·22	4·06	Myitkyina.
																									II.—Eastern Bengal and Assam.
317	...	16	20	8	...	1	1	2	0·9	...	...	94	...	·677	...	5·7	...	159	131·80	+27·20	119·53	106·50	+13·03	4·14	Dibrugarh.
158	33	101	1	12	15	31	3	11	2·2	2·4	—0·2	92	—3	·687	—·024	7·8	+0·7	148	125·00	+23·00	104·54	96·27	+8·27	3·98	Sibsagar.
183	7	111	40	6	2	11	4	1	3·5	...	...	89	...	·680	...	5·4	...	127	103·90	+23·10	97·06	69·46	+27·60	4·97	Tezpur.
278	9	30	12	10	15	7	4	...	2·2	...	...	88	...	·695	...	6·7	...	103	91·50	+11·50	69·76	62·88	+6·88	4·10	Gauhati.
44	7	132	117	13	13	30	3	4	6·7	5·2	+1·5	86	—1	·707	+·009	4·3	—0·6	113	92·50	+20·50	109·53	94·62	+14·91	10·00	Dhubri. (*a*)
263	2	60	23	5	2	3	2	3	1·9	2·4	—0·5	89	+1	·714	—·013	4·1	—2·3	151	136·80	+14·20	141·00	124·56	+16·44	5·12	Silchar. (*a*)
11	46	51	78	108	43	17	7	4	5·1	...	...	87	...	·771	...	4·0	...	116	...	...	146·58	...	...	5·95	Cox's Bazar.
48	11	81	42	153	14	12	2	2	3·2	4·9	—1·7	85	—2	·726	—·037	4·4	—0·6	109	96·41	+12·59	122·72	98·23	+24·49	8·39	Chittagong.
34	56	44	23	104	52	35	10	7	4·5	...	...	87	...	·760	...	4·3	...	120	109·36	+10·64	128·76	120·30	+8·46	5·60	Noakhali.
202	12	11	13	23	65	30	2	7	1·5	3·2	—1·7	83	—3	·769	—·033	5·1	+0·3	106	97·90	+8·10	83·11	79·72	+3·39	4·06	Barisal.
178	2	4	2	148	30	...	...	1	2·6	...	...	87	...	·771	...	3·5	...	109	100·25	+8·75	91·97	88·38	+3·59	3·41	Comilla.
90	18	8	38	59	73	42	16	21	4·7	4·9	—0·2	84	—2	·756	—·022	5·4	+0·1	105	94·08	+10·92	95·52	70·45	+25·07	4·13	Narayanganj.
77	34	7	12	66	124	14	5	26	3·3	...	...	86	...	·767	...	4·7	...	100	89·40	+10·60	75·42	69·30	+6·12	5·97	Faridpur.
80	15	20	57	57	68	23	13	32	3·7*	...	...	88	...	·735	...	5·7	...	95	78·66	+16·34	75·01	64·30	+10·71	4·97	Sirajganj.
225	...	1	61	59	10	2	2	5	1·3	2·7	—1·4	85	—3	·740	+·001	6·1	+1·3	117	104·22	+12·78	100·34	93·04	+7·30	4·51	Mymensingh.
173	20	17	65	21	44	14	5	6	1·8	3·0	—1·2	82	—2	·712	—·018	5·1	+1·1	99	81·84	+17·16	83·11	67·90	+15·21	3·35	Bogra.
246	9	12	2	25	32	29	6	4	W 2·4	...	...	81	...	·736	...	3·6	...	78	75·14	+2·86	52·12	53·98	—1·86	3·64	Rampur Boalia.
26	23	51	47	73	34	40	19	53	4·7*	...	...	85	...	·736	...	2·3	...	76	69·20	+6·80	58·92	52·82	+6·10	3·55	Malda.
52	17	66	111	25	23	15	37	19	3·2	3·6	—0·4	87	+4	·698	+·004	4·6	+0·4	89	77·09	+11·91	79·26	68·92	+10·34	4·35	Dinajpur.
101	7	91	73	28	25	22	14	4	2·6	...	...	84	...	·701	...	4·4	...	92	81·61	+10·39	76·53	80·53	—4·00	7·45	Rangpur.
221	4	35	48	36	1	3	4	13	2·1	...	...	86	0	·684	—·002	4·3	+0·5	120	99·26	+20·74	128·31	122·42	+5·89	5·79	Jalpaiguri.
168	2	51	90	40	10	1	2	1	2·0	...	...	88	...	·880	...	5·5	...	119	100·59	+18·41	175·28	145·70	+29·58	8·59	Cooch Behar.

* Uncorrected for scale error.
(*a*) = Wind observations for 363 days.
F = Mean of 5 months.
W = „ of 11 months.
Z = „ of 8 months.
* = Rainfall from 5th April.

Ta

(2) *Abstract of observations taken at 8 hrs.*

Number of sub-division.	Station.	Elevation of bar. cistern above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal of year.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity at 45° Lat.	Highest pressure recorded during year.	Lowest pressure recorded during year.	Absolute range, during year.	Mean monthly range of pressure.	Temperature of air. Mean of 8 hrs. temperature of year.	Mean maximum of year.	Departure from normal of year.	Mean minimum of year.	Departure from normal of year.	Yearly mean of mean between maximum and minimum.	Departure from normal of year.	Mean daily range of temperature.	Highest temperature observed during year.	Lowest temperature observed during year.	Absolute range during year.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
	III.—Bengal.																			
5	Saugor Island	25	29·818	—·006	29·788	30·162	29·309	·853	·278	77·1	85·3	—0·2	73·6	—0·1	79·4	—0·2	11·6	96·2	50·7	45·5
	Midnapur	149	29·686	...	29·784	30·034	29·161	·873	·276	76·4	90·3	...	70·4	...	80·4	...	19·9	107·3	47·7	59·6
	Calcutta	21	29·822	—·008	29·790	30·175	29·306	·869	·286	75·1	87·8	+1·2	70·9	+0·4	79·3	+0·8	16·8	101·9	48·0	53·9
	Jessore	33	29·819	—·003	29·799	30·160	29·321	·839	·288	75·1	86·7	—1·0	68·9	—1·0	77·8	—1·0	17·8	101·0	43·7	57·3
	Krishnagar	47	29·800	...	29·797	30·157	29·285	·872	·297	73·9	88·0	...	69·3	...	78·7	...	18·7	102·9	43·5	59·4
	Burdwan	99	29·739	—·011	29·787	30·093	29·216	·877	·288	74·6	89·2	+0·1	70·5	—0·1	79·8	0	18·7	107·4	46·8	60·6
	Bankura	313	29·512	...	29·780	29·874	28·963	·911	·285	75·3	89·7	...	69·9	...	79·8	...	19·7	111·6	47·2	64·4
	Baniganj	334	29·502	...	29·797	29·864	28·985	·879	·289	73·0	89·0	...	69·5	...	79·2	...	19·5	111·5	46·0	65·5
	Berhampore	67	29·777	—·008	29·794	30·141	29·283	·858	·297	73·3	87·0	—0·8	69·6	0	78·3	—0·4	17·4	107·1	46·7	60·4
7	Balasore	50	29·793	—·005	29·789	30·150	29·287	·863	·277	76·1	89·3	+0·7	70·6	+0·1	79·9	+0·4	18·7	105·9	47·6	58·3
	False Point	21	29·827	—·009	29·791	30·162	29·335	·827	·274	77·8	86·2	+0·3	71·7	—0·4	78·9	—0·1	14·5	98·2	49·1	49·1
	Cuttack	80	29·771	—·001	29·793	30·118	29·304	·814	·270	76·2	90·1	—1·3	72·2	—0·3	81·1	—0·8	17·8	106·4	51·7	54·7
	Puri	21	29·828	...	29·791	30·161	29·353	·808	·276	77·9	86·8	...	74·3	...	80·5	...	12·5	97·6	56·1	41·5
	Angul	455	29·393	...	29·815	29·735	28·889	·846	·274	75·5	90·1	...	69·6	...	79·9	...	20·5	110·6	47·0	63·6
	Sambalpur	486	29·364	—·004	29·816	29·708	28·843	·865	·275	75·4	89·8	—1·2	69·9	—0·1	79·9	—0·6	19·9	112·6	45·1	67·5
8	Chaibasa	733	29·086	—·010	29·783	29·421	28·583	·838	·279	72·9	90·3	—0·1	68·3	—0·1	79·3	—0·1	22·0	113·1	43·3	69·8
	Ranchi	2,128	27·704	—·002	29·772	28·009	27·254	·755	·269	71·2	84·2	—0·3	66·1	+0·9	75·2	+0·3	18·1	106·2	42·9	63·3
	Purulia	816	29·004	...	29·785	29·369	28·508	·861	·270	71·9	90·0	...	68·4	...	79·2	...	21·6	112·5	46·1	66·4
	Hazaribagh	2,007	27·826	+·001	29·778	28·125	27·397	·728	·266	72·7	84·0	—0·6	65·1*	+0·2*	74·0*	—0·2*	18·8*	108·6	41·3	67·3
	Daltonganj	730	29·103	...	29·807?	29·490	28·637	·853	·271	71·3	89·4	...	66·4	...	77·9	...	22·9	113·6	38·5	75·1
9	Purnea	134	29·710	—·005	29·802	30·079	29·287	·792	·305	73·0	86·7*	—1·2*	68·0*	0*	77·3*	—0·6*	18·7*	104·1	41·2	62·9
	Bhagalpur	160	29·671	...	29·785	30·055	29·234	·821	·296	74·6	87·0	...	67·8	...	77·4	...	19·2	108·2	40·8	67·4
	Monghyr	155	29·679	...	29·786	30·074	29·229	·845	·301	74·9	86·1	...	68·4	...	77·3	...	17·7	106·7	44·9	61·8
	Darbhanga	165	29·666	—·012	29·789	30·034	29·246	·783	·303	72·5	85·6	—0·3	66·7	—1·9	76·1	—1·1	18·8	103·1	42·7	60·4
	Pusa	188	29·639	...	29·786	30·031	29·227	·804	·293	72·5	86·9	...	65·9	...	76·4	...	21·1	107·6	40·4	67·2
	Muzaffarpur	177	29·663	...	29·801	30·059	29·243	·816	·302	73·1	85·7	...	66·3	...	76·1	...	19·5	104·7	42·0	62·7
	Motihari	221	29·632	...	29·792	29·982	29·176	·806	·298	70·7	85·0	...	66·5	...	75·7	...	18·5	103·6	43·3	60·3
	Chapra	181	29·642	...	29·782	30·022	29·241	·781	·285	72·6	87·1	...	67·9	...	77·5	...	19·1	108·3	42·8	65·5
	Patna	183	29·643	—·018	29·785	30·027	29·231	·796	·291	74·8	85·6	—2·1	68·7	+0·2	77·1	—1·0	16·8	105·0	44·2	60·8
	Arrah	190	29·628	...	29·775	30·014	29·221	·793	·289	73·6	87·0	...	67·9	...	77·5	...	19·1	107·6	43·3	64·3
	Buxar	239	29·577	...	29·778	29·972	29·165	·807	·290	73·1	88·0	...	68·3	...	78·2	...	19·7	108·5	42·1	66·4
	Dehri	351	29·461	...	29·774	29·855	29·032	·823	·282	74·7	89·0	...	70·0	...	79·5	...	18·9	113·3	47·0	66·3
	Gaya	372	29·450	—·015	29·782	29·815	29·014	·801	·283	74·7	89·1	—0·9	69·2	+0·4	79·2	—0·2	19·9	111·9	44·7	67·2
	Naya Dumka	489	29·344	+·004	29·793	29·706	28·865	·841	·289	73·4	87·6	+0·3	67·6	—0·2	77·6	+0·1	20·0	108·9	43·0	65·9

N.B.—Elevations in italics indicate barometrical determinations.

*Mean of 11 months.

B.—*contd.*

246 stations in India, etc., in the year 1911.

Wind direction. Number of winds from: Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Wind velocity. Mean velocity in miles per hour of year.	Normal velocity of year.	Departure from normal of year.	Hygrometry, 8 hrs. Mean humidity at 8 hrs. of year.	Departure from normal of year.	Mean vapour tension at 8 hrs. in inches of mercury of year.	Departure from normal in inches of mercury of year.	Cloud. Mean cloud amount at 8 hrs. of year.	Departure from normal of year.	Rainfall. Number of rainy days during year.	Normal number of rainy days during year.	Departure from normal of year.	Rainfall of year.	Normal rainfall of year.	Departure from normal of year.	Heaviest rainfall during year.	Station.
23	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
																									III.—Bengal.
1	56	57	19	20	91	91	8	22	13·7	11·7	+2·0	86	0	·829	—·004	5·3	—0·4	65	81·96	—16·96	48·15	70·21	—22·06	3·50	Saugor Island.
32	69	41	14	17	124	20	10	33	3·3	...	...	75	...	·707	...	3·7	...	79	78·22	+0·78	51·26	58·12	—6·86	3·15	Midnapur. (a)
31	15	36	45	41	55	81	15	46	4·9*	4·4	+0·5	83	0	·759	—·009	4·6	+0·4	75	85·54	—10·54	43·37	61·81	—18·44	1·88	Calcutta.
154	19	17	13	69	55	17	12	9	3·3	3·0	+0·3	81	—5	·717	—·044	4·8	+0·1	89	88·45	+0·55	52·60	65·79	—13·19	2·11	Jessore.
219	7	6	14	31	51	15	10	12	1·4	...	...	84	...	·745	...	4·5	...	83	74·20	+8·80	66·14	57·05	+9·09	5·23	Krishnagar.
119	30	27	31	12	31	69	22	24	2·4	3·1	—0·7	80	+4	·729	+·023	5·2	+0·7	75	77·88	—2·88	47·04	58·00	—10·96	3·21	Burdwan.
248	...	3	11	19	5	31	33	15	3·5	...	...	69	...	·632	...	2·7	...	78	...	+0·63	61·89	54·39	+7·50	4·80	Bankura.
277	7	4	25	22	2	2	6	20	1·9	...	...	79	...	·685	...	3·9	...	74	72·95	+1·05	51·42	52·72	—1·30	5·25	Raniganj.
108	16	17	51	35	87	33	6	12	3·5	3·2	+0·3	83	—2	·721	—·022	5·2	+0·5	81	77·22	+3·78	62·07	55·27	+6·80	5·97	Berhampore.
67	55	19	4	2	46	108	9	55	3·3	4·8	—1·5	75	—8	·699	—·077	4·1	—0·8	66	81·12	—15·12	43·07	61·72	—18·65	2·77	Balasore.
27	44	6	5	10	30	111	71	61	8·8	9·3	—0·5	83	—2	·803	—·024	6·1	+0·9	53	73·74	—20·74	35·49	62·98	—27·49	3·53	False Point.
173	1	12	14	9	23	66	60	7	2·8*	2·8	0	81	+3	·754	+·015	4·9	+0·6	70	75·61	—5·61	54·65	59·30	—4·65	3·90	Cuttack.
26	104	18	2	2	16	153	23	20	10·4	...	...	83	...	·810	...	4·6	...	52	62·68	—10·68	45·09	53·57	—8·48	5·05	Puri. (b)
45	13	25	10	47	19	11	45	150	6·2	...	...	77	...	·705	...	3·5	...	63	...	...	45·95	47·93	—1·98	3·98	Angul.
9	11	45	37	43	64	125	17	14	4·3	3·6	+0·7	72	+1	·668	+·009	4·6	+0·7	76	72·00	+4·00	65·24	66·54	—1·30	4·34	Sambalpur.
125	4	19	5	3	22	145	36	6	3·1	1·8	+1·3	76	+1	·645	—·013	4·3	+0·7	68	75·30	—7·30	42·09	52·62	—10·53	3·22	Chaibasa.
51	21	11	21	18	23	57	94	69	6·9	6·3	+0·6	67	0	·529	—·009	4·2	+0·7	78	81·49	—3·49	59·21	56·67	+2·54	3·00	Ranchi.
161	5	14	19	20	11	18	79	38	2·8	...	...	78	...	·654	...	2·2	...	70	75·91	—5·91	51·43	52·15	—0·72	3·13	Purulia.
77	17	8	23	12	52	54	61	61	6·9	7·3	—0·4	61	—4	·498	—·023	3·5	—0·8	75	75·70	—0·70	75·24	52·25	+22·99	9·81	Hazaribagh.
191	13	18	45	30	6	30	26	6	3·8	...	...	76	...	·603	...	3·4	...	67	62·52	+4·48	53·03	42·07	+10·96	5·20	Daltonganj.
123	8	73	51	29	3	25	23	29	3·0	3·1	—0·1	86†	+2	·725†	+·036	4·0	+0·4	81	70·51	+10·49	65·92	61·86	+4·06	4·98	Purnea. (b)
278	1	40	11	12	...	15	7	1	3·1	...	...	76	...	·676	...	3·6	...	63	60·81	+2·19	72·29	49·00	+23·29	10·37	Bhagalpur.
50	6	11	109	45	5	17	91	30	5·0	...	...	80	...	·722	...	3·9	...	67	...	...	72·25	...	...	6·58	Monghyr. (b)
105	9	19	148	12	6	31	31	4	3·4	4·0	—0·6	83	+4	·698	+·017	4·0	+1·1	66	58·35	+7·65	52·30	50·37	+1·93	4·03	Darbhanga.
83	...	40	39	59	13	56	16	13	4·2	...	...	81	...	·675	...	3·6	...	74	...	...	52·54	...	...	3·21	Pusa (c)
153	1	5	79	75	1	17	23	11	4·5*	...	...	80	...	·676	...	2·4	...	62	55·97	+6·03	45·88	49·11	—3·23	5·55	Muzaffarpur.
223	3	35	81	7	2	1	10	3	1·4	...	...	85	...	·670	...	3·4	...	64	55·74	+8·26	44·58	56·17	—11·59	5·02	Motihari.
...	...	...	...	...	...	...	...	...	...	...	...	82	...	·688	...	3·6	...	68	52·29	+15·71	54·41	41·81	+12·60	3·04	Chapra.*
55	6	7	150	17	27	45	52	6	6·1	3·7	+2·4	75	+3	·683	+·030	3·5	—0·1	62	55·35	+6·65	51·90	47·03	+4·87	3·54	Patna.
108	19	13	63	19	34	32	73	4	6·0	...	...	75	...	·659	...	3·8	...	67	55·93	+11·07	63·84	44·25	+19·59	4·35	Arrah.
21	6	18	108	26	28	77	66	13	5·5	...	...	73	...	·623	...	3·9	...	68	54·74	+13·26	57·34	41·22	+16·12	6·97	Buxar.
92	5	13	38	28	39	101	33	16	4·5	...	...	70	...	·612	...	2·4	...	64	55·34	+8·66	44·89	42·16	+2·73	2·40	Dehri.
167	10	49	10	34	28	13	57	7	3·1	3·7	—0·6	74	+3	·670	+·033	3·3	—0·4	62	57·38	+4·62	53·38	46·57	+6·81	3·96	Gaya.
300	2	3	20	22	11	...	2	5	2·4	...	...	74	—10	·657	...	3·3	...	71	79·60	—8·60	65·74	58·38	+7·36	5·60	Naya Dumka.

(a)—Wind observations for 360 days.
(b)— " " " 364 "
(c)— " " " 319 "

* Uncorrected for scale error.
† = Mean of 11 months.

Tabl

(2) *Abstract of observations taken at 8 hrs.*

Number of sub-division.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure, 8 hrs. in inches.							Temperature of air.											
			Mean 8 hrs. pressure reduced to 32°.	Departure from normal of year.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity at 45° Lat.	Highest pressure recorded during year.	Lowest pressure recorded during year.	Absolute range during year.	Mean monthly range of pressure.	Mean of 8 hrs. temperature of year.	Mean maximum of year.	Departure from normal of year.	Mean minimum of year.	Departure from normal of year.	Yearly mean of mean between maximum and minimum.	Departure from normal of year.	Mean daily range of temperature.	Highest temperature observed during year.	Lowest temperature observed during year.	Absolute range during year.	Mean monthly abso-
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
	IV.—United Provinces of Agra and Oudh.																				
10	Gorakhpur . .	257	29·560	-·009	29·780	29·953	29·144	·809	·293	72·4	86·2	—1·8	65·9	—1·4	76·1	—1·6	20·2	107·6	42·3	65·3	
	Benares . .	267	29·559	—·006	29·784	29·946	29·163	·783	·283	74·9	89·3	—0·3	67·1	+0·2	78·2	0	22·2	118·6	40·1	73·5	
	Allahabad . .	309	29·511	—·012	29·781	29·902	29·104	·798	·285	74·7	90·0	—0·2	67·6	+0·8	78·8	+0·3	22·4	115·1	40·5	74·6	
	Cawnpore . .	416	29·395	—·009	29·774	29·797	28·983	·814	·285	73·9	90·3	+0·3	67·5	+1·1	78·9	+0·7	22·8	115·2	38·5	76·7	
	Lucknow . .	368	29·455	—·001	29·787	29·864	29·030	·834	·290	74·5	89·5	—0·2	66·9	+1·3	78·2	+0·5	22·6	114·0	39·1	74·9	
	Bahraich . .	401	29·403	—·015	29·773	29·805	28·963	·842	·299	72·2	86·8	—1·4	66·2	+0·5	76·5	—0·5	20·6	109·6	40·0	69·6	
11	Jhansi . .	824	29·013	—·008	29·803	29·389	28·638	·751	·283	75·4	91·4	+0·2	68·5	—0·6	80·0	—0·2	22·9	115·5	41·5	74·0	
	Agra . . .	556	29·261	—·015	29·785	29·674	28·852	·822	·293	75·4	91·8	+1·0	69·0	+1·3	80·4	+1·2	22·8	115·5	40·5	75·0	
	Mainpuri . .	516	29·294	—·006	29·780	29·706	28·879	·827	·289	72·2	90·3	+0·5	66·6	+1·0	78·5	+0·8	23·7	116·3	39·1	77·2	
	Bareilly . .	568	29·231	—·013	29·772	29·645	28·803	·842	·289	71·8	87·0	—0·5	65·6	+0·9	76·3	+0·2	21·5	109·3	39·0	70·3	
	Meerut (*) . .	733	28·881	+·008	29·772?	29·516	28·632	·884	·314	73·5	89·2	0	66·0	+0·5	77·6	+0·3	23·2	112·1	36·8	75·3	
	Roorkee . .	869	28·917	+·007	29·803?	29·338	28·437	·901	·312	69·7	84·7	—2·5?	62·8	+0·2	73·7	—1·2?	21·9	108·5	37·4	71·1	
	Dehra Dun (*) .	2,233	27·565	—·013	29·762	27·929	27·183	·746	·308	67·8	81·5	—0·7	62·1	—0·3	71·8	—0·5	19·5	102·0	34·0	68·0	
	V.—Punjab.																				
12	Delhi . . .	718	29·094	—·004	29·789	29·510	28·673	·837	·301	73·3	88·8	—0·2	67·0*	+1·0*	77·2*	+0·4*	20·5*	113·0	40·2	72·8	
	Sirsa . . .	662	29·130*	+·003*	29·769*	29·531	28·686	·845	·315	73·8*	93·6*	—0·3*	66·8*	+0·9*	80·2*	+0·3*	26·7*	116·3	34·5	81·8	
	Patiala . . .	818	28·976	...	29·781	29·428	28·536	·892	·319	70·7	87·0	...	64·4	...	75·7	...	22·5	111·6	38·2	73·4	
	Ambala . .	892	28·904	—·004	29·783	29·327	28·450	·877	·320	70·6	89·0	+1·1?	63·8	+0·7	76·4	+0·9?	25·2	113·5	35·9	77·6	
	Ludhiana . .	812	28·993		29·792	29·433	28·520	·913	·333	70·1	89·1	—0·2	64·8	+1·1	76·4	+0·4	23·3	114·5	39·5	75·0	
	Lahore . . .	702	29·093	—·009	29·783	29·562	28·608	·954	·358	70·4	89·9	—0·7	64·0	+3·1	77·0	+1·2	25·9	116·9	36·2	80·7	
	Sialkot . .	830	28·973	+·003	29·796	29·455	28·466	·989	·358	69·8	85·9	—1·8	61·6	—1·0	73·8	—1·4	24·2	112·0	35·5	76·5	
	Rawalpindi . .	1,674	28·139	—·006	29·811	28·584	27·664	·920	·362	67·2	83·2	—1·1	58·7	+1·2	71·0	+0·1	24·5	113·4	32·4	81·0	
13	Khushab . .	612	29·193	—·001	29·790	29·731	28·672	1·059	·369	72·7	89·7	+0·1	65·6	+1·9	77·6	+1·0	24·1	119·4	36·4	83·0	
	Montgomery .	558	29·239	—·005	29·778	29·715	28·749	·966	·364	72·8	90·5	—1·8	64·9	+0·4	77·7	—0·7	25·6	119·4	33·5	85·9	
	Multan . .	420	29·391	—·003	29·786	29·863	28·886	·977	·379	72·7	90·1	—1·8	66·3	+1·0	78·2	—0·4	23·8	118·3	38·0	80·3	
	VI.—North-West Frontier Province.																				
15	Peshawar . .	1,113	28·713	—·017	29·831	29·202	28·172	1·030	·395	66·9	85·4	—0·3	60·0	+0·7	72·7	+0·2	25·4	119·2	32·9	86·3	
	Dera Ismail Khan	590	29·218	—·022	29·796	29·737	28·670	1·067	·391	69·8	88·0	—2·4	63·3	+0·9	75·7	—0·8	24·7	117·4	31·1	86·3	
	VII.—Sind.																				
17	Jacobabad . .	186	29·624	—·007	29·773	30·082	29·117	·965	·365	74·9	95·7	+0·1	66·3	+1·1	81·0	+0·6	29·4	126·1	36·3	89·8	
	Hyderabad . .	96	29·741	—·001	29·791	30·149	29·298	·851	·298	73·8	92·0	—1·5	68·1	—0·3	80·0	—0·9	23·9	116·0	38·0	78·0	
	Karachi . .	13	29·866	+·012	29·830	30·216	29·453	·763	·274	74·1	82·8	—1·3	70·7	—0·1	76·8	—0·7	12·1	95·0	47·0	48·0	

N.B.—Elevations in italics indicate barometrical determinations.
*=11 months' mean.

B.—*contd.*

246 stations in India, etc., in the year 1911.

Wind direction. Number of winds from: Calm.	N.	N. E.	E.	S. E.	S.	S. W.	W.	N. W.	Wind velocity. Mean velocity, in miles per hour of year.	Normal velocity of year.	Departure from normal of year.	Hygrometry, 8 hrs. Mean humidity at 8 hrs. of year.	Departure from normal of year.	Mean vapour tension at 8 hrs. in inches of mercury of year.	Departure from normal in inches of mercury of year.	Cloud. Mean cloud amount at 8 hrs. of year.	Departure from normal of year.	Rainfall. Number of rainy days during year.	Normal number of rainy days during year.	Departure from normal of year.	Rainfall of year.	Normal rainfall of year.	Departure from normal of year.	Heaviest rainfall during year.	Station.
23	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
																									IV.—United Provinces of Agra and Oudh.
190	3	84	19	14	...	8	34	13	2·2	2·3	−0·1	77	+2	·643	+·001	3·3	+0·6	66	54·10	+11·90	58·46	50·77	+7·69	4·59	Gorakhpur.
110	5	21	40	42	13	63	52	19	3·0	3·7	−0·7	72	−2	·640	+·015	3·6	+0·2	60	50·90	+9·10	39·00	39·87	−0·87	3·50	Benares.
81	8	41	43	16	13	31	103	29	4·2	5·1	−0·9	66	−1	·584	−·010	4·3	+0·8	59	45·30	+13·70	38·79	39·16	−0·37	5·03	Allahabad.
95	16	26	36	28	14	55	71	24	3·6	3·7	−0·1	65	−2	·556	−·032	1·7	−1·2	40	43·00	−3·00	27·51	36·06	−8·55	3·28	Cawnpore.
237	4	5	42	17	3	10	38	9	2·9	3·0	−0·1	69	−1	·616	+·024	2·6	−0·7	49	51·00	−2·00	37·63	38·05	−0·42	3·90	Lucknow.
45	35	37	48	70	27	26	38	39	3·0	3·1	−0·1	75	0	·618	−·023	2·5	−0·3	57	50·40	+6·60	53·98	44·82	+9·16	3·93	Bahraich.
49	16	22	14	13	9	101	94	45	5·5	3·3	+2·2	57	+2	·514	+·001	4·4	+2·0	41	43·90	−2·90	26·96	37·57	−10·61	5·14	Jhansi. (b)
115	10	16	29	32	30	39	56	38	5·2	4·5	+0·7	58	−3	·528	−·005	2·9	+0·1	31	35·30	−4·30	20·42	27·32	−6·90	4·51	Agra.
64	30	21	37	28	24	42	71	48	2·6	1·8	+0·8	67	+1	·544	−·010	1·6	−1·7	41	38·10	+2·90	26·06	27·42	−1·36	2·45	Mainpuri.
326	...	2	24	...	...	2	10	1	0·7	2·8	−2·1	76	+4	·638	+·065	3·7	+0·7	43	47·17	−4·17	33·77	44·96	−11·19	3·63	Bareilly.
78	40	16	24	44	14	8	50	59	3·6	2·1	+1·5	65	−1	·544	+·037	2·8	−0·2	33	37·00	−4·00	24·16	32·27	−8·11	6·54	Meerut. (c)
251	...	2	...	75	...	...	...	37	2·5	2·5	0	75	+4	·557	+·034	2·8	−0·3	48	49·10	−1·10	44·66	42·30	+2·36	5·65	Roorkee.
331	...	1	...	...	...	...	1	1	1·5*	1·6	−0·1	72	+2	·515	+·037	4·2	+0·2	82	80·90	+1·10	79·82	85·22	−5·40	8·11	Dehra Dun (d).
																									V.—Punjab.
56	16	20	30	30	13	14	125	61	4·2	3·5	+0·7	64	+6	·535	+·045	2·5	−0·9	38	37·10	+0·90	24·07	27·52	−3·45	6·74	Delhi.
104	23	27	28	13	47	60	28	17	5·7	4·8	+0·9	57†	−2	·491†	+·004	2·0†	−1·3	18	23·40	−5·40	8·18	13·88	−5·70	1·60	Sirsa. (e)
41	25	10	46	83	13	3	58	85	6·2	...	...	71	...	·574	...	2·3	...	36	...	...	20·06	25·46	−5·40	2·50	Patiala. (a)
71	54	15	68	63	5	5	14	70	4·6	2·0	+2·6	69	−5	·524	−·033	2·9	+0·2	43	36·90	+6·10	23·76	30·19	−6·43	2·35	Ambala.
263	7	18	2	36	8	4	13	14	0·8	1·9	−1·1	66	0	·501	−·015	2·3	−1·3	37	32·70	+4·30	24·50	29·05	−4·55	4·71	Ludhiana.
141	28	17	33	39	22	9	38	38	2·6	2·4	+0·2	66	+1	·507	+·004	2·6	−0·1	28	22·90	+5·10	15·61	19·69	−4·08	2·25	Lahore.
135	50	40	65	33	4	7	14	17	1·9	2·0	−0·1	73	+7	·543	+·033	2·5	0	42	40·70	+1·30	27·85	31·66	−3·81	2·12	Sialkot.
226	39	25	10	9	10	14	23	9	2·5	2·1	+0·4	65	−3	·448	−·012	3·4	+0·2	50	47·30	+2·70	39·77	34·29	+5·48	3·21	Rawalpindi.
81	14	74	90	27	31	27	13	8	5·2	5·0	+0·2	54	−1	·451	+·003	3·2	+1·0	21	18·00	+3·00	16·65	14·44	+2·21	3·00	Khushab.
88	21	34	38	37	48	62	14	23	6·1	5·9	+0·2	52	−3	·420	−·055	2·1	−0·1	20	16·10	+3·90	7·53	10·46	−2·93	1·78	Montgomery.
221	40	10	1	6	29	54	...	4	1·1	2·1	−1·0	60	0	·508	−·007	1·9	+0·2	16	12·40	+3·60	6·99	6·73	+0·26	1·40	Multan.
																									VI.—North West Frontier Province.
176	27	17	6	10	40	24	46	19	2·4	3·3	−0·9	63	0	·439	−·016	3·1	+0·1	36	23·80	+12·20	15·66	13·29	+2·37	2·06	Peshawar.
199	23	62	...	32	6	7	4	32	1·5	1·8	−0·3	68	+4	·540	+·024	2·5	+0·5	20	17·60	+2·40	13·27	9·37	+3·90	2·10	Dera Ismail Khan.
																									VII.—Sind.
217	12	35	18	40	13	3	2	25	3·4	3·4	0	57	+2	·539	+·031	1·3	−0·7	4	8·20	−4·20	1·36	3·65	−2·29	0·40	Jacobabad.
39	59	6	...	3	71	137	15	33	9·0	11·1	−2·1	62	+4	·557	+·028	2·9	+0·2	4	9·70	−5·70	3·79	7·11	−3·32	2·30	Hyderabad. (b)
20	26	67	16	3	1	44	167	21	12·7	12·6	+0·1	75	−1	·665	−·013	3·9	+0·3	9	9·30	−0·30	4·84	7·78	−2·94	·98	Karachi.

(a) Wind observations for 364 days.
(b) " " " 363 "
(c) " " " 333 "
(d) " " " 334 "
(e) " " " 347 "

* Uncorrected for scale error.

† = Mean of 11 months.

Tabl

(2) *Abstract of observations taken at 8 hrs.*

	Station.	Elevation of bar. cistern above sea level, in feet.	Pressure, 8 hrs., in inches.							Temperature of air.											
			Mean 8 hrs. pressure reduced to 32°.	Departure from normal of year.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity at 45° Lat.	Highest pressure recorded during year.	Lowest pressure recorded during year.	Absolute range during year.	Mean monthly range of pressure.	Mean of 8 hrs. temperature of year.	Mean maximum of year.	Departure from normal of year.	Mean minimum of year.	Departure from normal of year.	Yearly mean of mean between maximum and minimum.	Departure from normal of year.	Mean daily range of temperature.	Highest temperature observed during year.	Lowest temperature observed during year.	Absolute range during year.	Mean monthly abso-
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	2
	VIII—Rajputana.																				
18	Bikaner	771	29·040	—·004	29·787	29·410	28·626	·784	·300	74·0	92·9	+0·9	68·5	—1·1	80·7	—0·1	24·3	116·5	35·0	81·5	4
	Jodhpur	780	29·056	+·001	29·815	29·406	28·679	·727	·276	73·8	92·7	—0·4	67·9	—0·4	80·3	—0·4	24·8	113·5	36·3	77·2	4
19	Jaipur	1,431	28·413	—·003	29·812	28·757	28·069	·688	·274	74·2	91·7	+0·8	66·3	+1·0	79·1	+0·9	25·1	114·2	35·6	78·6	4
	Sambhar†	1,254	28·569	+·012	29·790	28·941	28·245	·696	·283	74·7	93·6	+2·2	67·4	+0·5	80·5	+1·4	26·2	114·4	34·4	80·0	4
	Ajmer	1,611	28·244	—·002	29·826	28·590	27·896	·694	·263	71·0	88·4	—0·5	68·4	+4·0	78·4	+1·8	20·1	109·4	40·7	68·7	3
	Kotah	819?	29·002	—·012	29·785?	29·359	28·646	·713	·264	77·2	92·6	—0·1	70·7	+0·3	81·7	+0·1	22·0	115·0	45·6	69·4	3
	Udaipur†	1,925	27·933	—·002	29·799?	28·269	27·625	·644	·244	75·5	90·0	+0·5	66·8	+0·6	78·4	+0·5	23·2	109·5	36·3	73·2	3
	IX—Bombay.																				
20	Deesa	466	29·406	+·004	29·832	29·729	29·081	·648	·233	75·4	96·3	+2·5	68·0	+1·0	82·1	+1·7	28·2	114·3	36·9	77·4	4
	Bhuj	395	29·493	+·015	29·836	29·811	29·123	·688	·229	74·7	91·5	+0·1	68·6	—0·1	80·1	0	22·9	110·5	43·5	67·0	3
	Jamnagar	61	29·830	...	29·846	30·121	29·477	·644	·213	78·8	89·7	...	68·1	...	78·9	...	21·5	103·7	42·2	61·5	3
	Dwarka	37?	29·869	+·007	29·852	30·192	29·511	·681	·226	76·5	83·7	—0·4	72·8	+0·3	78·3	—0·1	10·9	96·8	53·2	43·6	3
	Rajkot	429	29·465	+·017	29·849	29·735	29·140	·595	·210	74·9	93·6	+0·5	66·8	+0·7	80·2	+0·6	26·8	110·1	36·5	73·6	4
	Veraval	18	29·882	+·011	29·843	30·199	29·550	·649	·198	76·2	84·4	—0·8	71·3	+0·3	77·8	—0·2	13·1	99·1	47·8	51·3	3
	Bhavnagar Para.	55	29·854	—·006?	29·854	30·186	29·518	·668	·211	76·8	94·9	+2·1	70·2	0	82·5	+1·0	24·7	112·7	41·5	71·2	3
	Surat	39	29·868	+·012	29·851	30·157	29·535	·622	·203	77·3	91·6	0	71·0	+1·7	81·3	+0·9	20·6	108·1	44·1	62·0	3
	Ahmadabad	163	29·718	0	29·833	30·048	29·389	·659	·220	76·7	96·4	+2·4	70·0	—0·8	83·2	+0·8	26·4	114·1	44·7	69·4	3
26	Bombay	37	29·882	+·008	29·859	30·113	29·577	·536	·189	78·3	86·7	+0·9	75·6	+0·7	81·1	+0·8	11·0	94·0	58·5	35·5	3
	Ratnagiri	110	29·806	+·012	29·855	30·002	29·552	·450	·171	78·8	87·2	—0·3	73·2	+0·1	80·2	—0·1	14·0	97·8	54·9	42·9	3
	Goa	199	?	?	?	?	?	?	?	77·3	84·4	—1·6	74·9	+0·4	79·7	—0·6	9·5	92·6	63·1	29·5	3
	Marmagao	60	29·869	+·008	29·863	30·044	29·630	·414	·173	78·1	85·5	—0·7	74·2	—0·9	79·9	—0·8	11·3	92·5	63·2	29·3	3
	Karwar	44	29·895	+·016	29·874	30·077	29·662	·415	·179	75·6	85·4	—0·8	72·2	—0·5	78·8	—0·7	13·2	94·3	53·5	40·8	3
27	Malegaon	1,430	28·465	+·008	29·848	28·731	28·164	·567	·199	75·4	93·1	+1·5	66·2	+1·0	79·6	+1·3	26·9	111·4	34·1	77·3	3
	Ahmadnagar	2,154	27·767	+·016	29·843	28·010	27·492	·518	·183	74·3	90·1	+1·2	64·4	+0·9	77·2	+1·1	25·6	107·6	36·0	71·6	3
	Poona	1,846	28·067	+·005	29·867	28·302	27·809	·493	·175	71·1	89·6	+0·2	65·4	+0·5	77·5	+0·3	25·0	105·5	38·8	66·7	3
	Sholapur	1,590	28·314	+·005	29·844	28·549	28·046	·503	·188	75·9	92·7	—0·3	68·6	+0·6	80·7	+0·2	24·1	109·3	42·9	66·4	3
	Bijapur	1,948	27·967	+·011	29·843	28·172	27·725	·447	·172	74·9	91·6	+1·8	68·0	+0·5	79·8	+1·1	23·6	106·2	48·2	58·0	3
	Belgaum	2,539	27·384	+·011	29·836	27·572	27·150	·422	·169	71·3	84·5	+0·1	63·6	—0·4	74·1	—0·1	21·0	101·3	48·5	52·8	3
	X.—Central India.																				
31	Neemuch	1,624	28·237	—·001	29·822	28·560	27·924	·636	·234	72·1	89·6	+0·6	65·1	+0·5	77·3	+0·6	24·5	110·5	34·7	75·8	3
	Indore	1,823	28·052	+·010	29·828	28·340	27·750	·590	·222	73·3	88·3	+0·3	65·0	+1·3	76·7	+0·8	23·3	109·1	37·6	71·5	3
32	Nowgong	754	29·081	—·004	29·804	29·438	28·724	·714	·273	73·1	88·6	—1·1	66·5	+0·9	77·5	—0·1	22·2	114·0	39·0	75·0	3
	Sutna	1,041	28·780	—·009	29·787	29·149	28·409	·740	·265	74·0	88·7	+0·6	67·6	+2·0	78·1	+1·3	21·1	113·3	40·2	73·1	3
	XI.-Central Provinces.																				
33	Buldana	2,132	27·735	...	29·806	28·033	27·469	·564	·194	75·2	88·1	...	68·3	...	78·2	...	19·8	107·7	47·0	60·7	3
	Akola	930	29·951	+·009	29·837	29·241	28·635	·606	·216	76·5	93·8	+0·9	67·8	+0·7	80·8	+0·8	26·0	115·2	36·1	79·1	3
	Amraoti	1,215	28·654	+·006	29·794?	28·949	28·335	·614	·218	76·4	91·9	—0·1	69·6	+0·7	80·7	+0·3	22·3	112·8	46·3	66·5	3

N.B.—Elevations in italics indicate barometrical determinations.
† Mean of 11 months.

B.—*contd.*

246 stations in India, etc., in the year 1911.

Wind direction. Number of winds from: Calm.	N.	N. E.	E.	S. E.	S.	S. W.	W.	N. W.	Wind velocity. Mean velocity in miles per hour of year.	Normal velocity of year.	Departure from normal of year.	Hygrometry, 8 hrs. Mean humidity at 8 hrs. of year.	Departure from normal of year.	Mean vapour tension at 8 hrs. in inches of mercury of year.	Departure from normal in inches of mercury of year.	Cloud. Mean cloud amount at 8 hrs. of year.	Departure from normal of year.	Rainfall. Number of rainy days during year.	Normal number of rainy days during year.	Departure from normal of year.	Rainfall of year.	Normal rainfall of year.	Departure from normal of year.	Heaviest rainfall during year.	Station.
23	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
																									VIII.—Rajputana.
58	11	23	27	41	41	74	56	12	7·3	5·9	+1·4	48	−5	·440	−·059	2·4	−0·2	12	18·80	−6·80	6·04	11·49	−5·45	1·73	Bikaner. (*a*)
40	26	88	8	3	19	138	35	8	5·2	...	...	47	−1	·429	...	3·3	−0·1	12	20·30	−8·30	5·78	13·34	−7·56	1·33	Jodhpur.
77	34	49	35	8	5	16	84	57	5·2	4·4	+0·8	54	−4	·477	−·017	3·2	0	30	37·80	−7·80	17·78	24·07	−6·29	1·70	Jaipur.
159	13	14	8	4	3	3	96	34	6·1	6·6	−0·5	56	−1	·500	+·020	2·8	−0·1	19	30·50	−11·50	8·18	19·25	−11·07	1·53	Sambhar. (*b*)
153	5	13	7	10	3	43	24	107	6·0	5·0	+1·0	60	−3	·483	−·019	2·8	+0·1	14	32·60	−18·60	8·53	21·09	−12·51	2·93	Ajmer.
151	23	13	3	4	3	49	68	51	3·7	...	...	54	+5	·506	...	2·7	...	29	37·60	−8·60	17·13	28·12	−10·99	3·20	Kotah.
133	11	1	6	5	5	47	86	39	4·5	...	...	54‡	−2	·496	...	2·9	...	21	34·10	−13·10	14·12	23·40	−9·28	1·94	Udaipur (*e*)
																									IX.—Bombay.
...	...	...	...	...	...	...	...	...	...	...	...	56	0	·528	+·004	3·5	+0·1	12	28·81	−16·81	6·25	24·10	−17·85	1·30	Deesa.
45	22	8	9	4	5	67	118	87	11·3	11·1	+0·2	70	+6	·637	+·026	4·8	+1·9	3	16·10	−13·10	2·05	14·15	−12·10	0·97	Bhuj.
7	6	70	26	...	7	86	120	43	14·8	...	...	66	...	·666	...	1·8	...	10	...	...	3·08	19·28	−16·20	0·86	Jamnagar.
...	63	45	3	4	13	96	87	54	12·4	...	...	75	−2	·712	...	4·0	...	12	...	...	5·17	14·38	−9·21	1·87	Dwarka.
18	20	31	27	9	9	91	111	40	12·1	9·1	+3·0	64	−3	·585	−·039	3·6	+0·6	15	30·90	−15·90	7·33	26·54	−19·21	1·42	Rajkot.
98	67	23	2	4	3	31	106	31	9·3	8·4	+0·9	74	+4	·692	+·026	3·7	−0·2	15	29·20	−14·20	6·98	17·95	−10·97	0·92	Veraval.
8	24	12	5	2	9	115	68	122	5·1	10·1	−5·0	58	−11?	·581	−·078?	3·9	+0·6	12	34·70	−22·70	7·40	20·66	−13·26	2·30	Bhavnagar Para.
38	61	31	40	17	51	46	62	18	5·8	7·6	−1·8	69	−2	·679	−·001?	3·8	+0·4	36	47·40	−11·40	19·63	41·12	−21·49	3·28	Surat. (*d*)
32	15	72	13	12	21	87	25	88	5·6	5·0	+0·6	61	+1	·595	+·013	3·4	−0·2	17	37·20	−20·20	9·83	29·62	−19·79	1·56	Ahmadabad.
3	37	67	68	26	16	45	75	28	9·7	11·8	−2·1	78	0	·771	0	4·8	+0·6	52	75·60	−23·60	46·51	71·88	−25·37	4·38	Bombay.
37	57	36	90	16	10	31	55	32	9·7	8·5	+1·2	72	0	·710	−·017	3·9	0	82	93·80	−11·80	73·42	101·22	−27·80	5·20	Ratnagiri. (*d*)
11	30	63	144	18	5	15	45	34	7·5	6·5	+1·0	80	+2	·748	−·030	5·9	+1·7	95	...	...	82·03	98·68	−16·65	7·25	Goa.
43	31	65	82	16	11	22	67	28	8·5*	9·2	−0·7	83	0	·804	−·011	5·4	+1·6	89	...	--	75·93	93·85	−17·92	7·47	Marmagao.
165	44	63	1	10	23	41	2	16	3·6	4·2	−0·6	83	0	·751	+·007	4·4	+0·6	97	105·50	−8·50	80·84	122·45	−41·61	3·90	Karwar.
58	16	12	3	2	6	37	142	89	8·1	8·9	−0·8	56	−7	·510	−·055	1·2	−2·3	27	34·90	−7·90	20·60	22·71	−2·11	5·91	Malegaon.
16	23	8	5	33	28	53	69	130	8·0	11·4	−3·4	52	−15?	·443	−·121?	2·6	−0·7	33	39·60	−6·60	18·73	22·29	−3·56	6·85	Ahmadnagar.
55	3	12	43	1	2	18	223	8	10·7	10·5	+0·2	66	+3	·511	+·004	2·2	−1·7	38	49·60	−11·60	15·81	27·23	−11·42	1·66	Poona.
24	17	39	28	55	2	44	58	98	10·3	9·8	+0·5	57	+2	·506	+·003	4·1	+0·1	32	42·00	−10·00	19·83	29·50	−9·67	2·18	Sholapur.
21	23	14	30	37	21	70	96	52	9·3	6·4	+2·9	64	−6	·549	−·055?	3·7	−0·2	28	42·40	−14·40	13·59	20·93	−7·34	2·18	Bijapur. (*d*)
83	5	5	85	24	4	44	110	5	13·5†	15·1	−1·5†	70	0	·537	0	4·7	+0·4	81	83·30	−2·30	42·48	49·67	−7·19	3·00	Belgaum.
																									X.—Central India.
50	25	52	39	11	14	67	85	22	8·9	8·7	+0·2	60	+2	·499	−·003	4·0	+1·4	25	37·40	−12·40	20·72	28·57	−7·85	4·65	Neemuch.
76	14	32	17	30	4	20	92	80	5·4	4·1	+1·3	61	−2	·516	−·007	4·3	+0·9	35	45·30	−10·30	19·88	32.79	−12·91	1·63	Indore.
82	12	15	24	4	42	45	127	14	3·1	2.6	+0·5	68	+2	·562	+·017	3·9	+0·7	50	50·70	−0·70	43·91	43·35	+0·56	4·65	Nowgong.
77	29	3	9	22	10	70	80	65	4·0	6·0	−2·0	63	+2	·527	+·015	4·6	+1·7	58	54·60	+3·40	44·24	44·44	−0·20	7·53	Sutna.
																									XI.—Central Provinces.
4	6	7	24	50	33	26	123	92	7·2	7·8	−0·6	54	...	·471	...	3·9	...	37	...	...	20·72	35·05	−14·33	3·41	Buldana.
34	11	27	29	36	12	23	110	83	7·1	6·0	+1·1	53	−5	·488	−·025	4·3	+0·9	35	45·10	−10·10	22·47	32·79	−10·32	3·01	Akola.
190	10	28	32	7	2	4	50	42	4·2	5·7	−1·5	55	−4	·499	−·038	3·0	−0·5	40	46·80	−6·80	24·16	33·84	−9·68	2·35	Amraoti.

(*a*) Wind observations for 348 days.
(*b*) " " " 364 "
(*c*) " " " 333 "
(*d*) " " " 64.

*—Uncorrected for scale error.
†—Mean of 8 months
‡— " 10 "

TAI

(2) *Abstract of observations taken at 8 hrs. a*

Number of sub-division.	Station.	Elevation of bar. cistern above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal of year.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity at 45° Ln	Highest pressure recorded during year.	Lowest pressure recorded during year.	Absolute range during year.	Mean monthly range of pressure.	Temperature of air. Mean of 8 hrs. temperature of year.	Mean maximum of year.	Departure from normal of year.	Mean minimum of year.	Departure from normal of year.	Yearly mean of mean between maximum and minimum.	Departure from normal of year.	Mean daily range of temperature.	Highest temperature observed during year.	Lowest temperature observed during year.	Absolute range during year.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
	XI.—Central Provinces.																			
24	Khandwa	1,044	28·833	+·011	29·841	29·132	28·509	·623	·219	74·4	92·9	+1.1	68·3	+1·4	80·6	+1·2	24·6	114·2	36·1	78·1
	Hoshangabad	1,006	28·864	+·003	29·835	29·192	28·531	·661	·240	73·0	90·8	+0·4	67·3	+0·3	79·1	+0·3	23·5	114·1	39·9	74·2
	Saugor	1,807	28·034	—·009	29·792	28·346	27·707	·639	·246	73·5	87·4	—0·6	67·0	+0·8	77·2	+0·1	20·5	111·6	42·1	69·5
	Jubbulpore	1,327	28·504	—·013	29·797	28·841	28·137	·704	·246	71·7	87·9	—0·5	65·6	+1·1	76·8	+0·3	22·3	112·3	39·3	73·0
	Seoni	2,033	27·834	+·005	29·812	28·136	27·488	·648	·236	73·3	87·0	—0·8	63·1	—1·8?	75·1	—1·3?	23·9	110·1	38·0	72·1
	Nagpur	1,017	28·841	+·007	29·816	29·158	28·473	·685	·239	76·0	91·8	—0·2	68·9	0	80·4	—0·1	22·9	114·6	44·3	70·3
25	Pendra	2,123?	27·808	...	29·774	28·116	27·406	·710	·252	73·4	85·6	...	66·1	...	75·9	...	19·5	108·3	39·2	69·1
	Raipur	970	28·873	+·003	29·801	29·188	28·433	·755	·255	74·3	89·9	—0·6	69·9	+0·7	79·9	+0·1	20·0	113·7	45·1	68·6
	Chanda	634	29·227	—·002	29·813	29·547	28·908	·639	·224	76·7	92·6	—0·3	68·6	+0·1	80·6	—0·1	24·0	114·5	40·0	74·5
	Jagdalpur	1,813	28·058	...	29·818	28·319	27·510	·809	·238	72·3	86·0	...	66·5	...	76·3	...	19·5	114·2	42·1	72·1
	XII.-Hyderabad																			
28	Aurangabad	1,905	28·012	—·007?	29·851	28·285	27·727	·558	·197	75·1	90·0	—1·0	66·8	+1·1	78·4	0	23·2	110·7	36·2	74·5
	Nizamabad	1,248	28·631	...	29·826	28·891	28·358	·533	·199	76·2	92·7	+1·2	68·7	+0·2	80·7	+0·7	23·9	112·4	42·7	69·7
	Bidar	2,165	I 27·694	...	I 29·791?	27·923	27·458	·465	I ·203	76·1	90·3	...	69·9	...	80·1	...	20·3	106·6	51·4	55·2
29	Gulbarga	1,503	28·402	+·006	29·843	28·626	28·127	·499	·186	76·7	93·2	+0·8	69·4	+0·6	81·2	+0·7	23·8	110·0	52·3	57·7
	Raichur	1,311	28·599	+·022?	29·851?	28·810	28·350	·460	·185	77·7	93·1	+1·1	71·8	+0·1	82·5	+0·6	21·3	108·5	56·1	52·4
	Hyderabad (Deccan). Hanamkonda	1,690	28·201	+·004	29·829	28·446	27·919	·527	·199	75·0	91·6	+1·0	69·9	+1·6	80·8	+1·3	21·7	109·3	47·7	61·6
		877	29·006	+·003	29·830	29·282	28·685	·597	·214	78·5	92·4	+0·5	72·2	+0·4	82·3	+0·4	20·1	111·0	50·7	60·3
	XIII.—Mysore.																			
30	Chitaldrug	2,405	27·535	+·011	29·847	27·707	27·321	·386	·170	73·2	87·1	+0·5	66·7	—0·5	76·9	0	20·3	100·1	56·8	43·3
	Hassan	3,149	26·837	+·017	29·915	27·021	26·665	·356	·164	69·8	83·2	+0·5	62·6	+0·4	72·9	+0·5	20·6	95·6	51·1	44·5
	Bangalore	3,021	26·956	+·008	29·856	27·123	26·777	·346	·162	70·0	85·1	+0·9	63·9	—0·1	74·5	+0·4	21·1	97·8	51·8	46·0
	Mysore	2,518	27·447	+·009	29·871	27·615	27·283	·332	·164	71·6	85·6	—0·8	65·2	—0·5	75·4	—0·6	20·4	97·5	54·0	43·5
	XIV.—Madras.																			
31	Mangalore	65	29·866	—·006	29·863	30·023	29·686	·337	·168	78·8	87·3	—0·7	73·2	+0·1	80·3	—0·3	14·2	94·3	64·8	29·5
	Calicut	27	29·908	—·003	29·864	30·066	29·739	·327	·162	77·9	85·7	—1·3	74·5	+0·4	80·1	—0·4	11·2	91·8	66·1	25·7
	Cochin	9	29·938	+·007	29·874	30·078	29·792	·286	·145	78·9	87·7	+0·1	74·9	+0·1	81·3	+0·1	12·7	95·7	68·7	27·0
	Trivandrum	198	29·743	+·015	29·872	29·880	29·595	·285	·145	78·2	85·2	+1·2	75·2	+1·6	80·2	+1·4	10·0	90·5	68·0	22·5
32	Tinnevelly	168	29·766	+·012	29·863	29·972	29·587	·385	·181	82·3	94·7	+0·5	76·3	—0·4	85·5	+0·1	18·5	105·2	66·4	38·8
	Pamban	37	29·880	+·001	29·845	30·085	29·717	·368	·174	81·0	87·9	+0·6	76·0	—1·6	81·9	—0·5	11·9	93·2	70·5	22·7
	Madura	447	29·483	+·019	29·863	29·688	29·298	·390	·177	80·9	94·1	+0·1	74·4	+0·5	84·3	+0·3	19·7	104·0	61·6	42·4
	Pudukkottai	318	29·605	...	29·856	29·824	29·423	·401	·182	80·1	93·9	...	74·2	...	84·1	...	19·8	105·5	62·3	43·2
	Negapatam	31	29·879	—·002	29·839	30·097	29·698	·399	·181	81·7	91·3	+1·4	76·5	+0·6	83·9	+1·0	14·7	103·0	66·5	39·5
	Trichinopoly	255	29·675	+·011	29·863	29·896	29·488	·408	·187	80·8	94·4	0	74·3	+0·2	84·3	+0·1	20·1	106·6	62·3	44·3
	Coimbatore	1,341	28·586	+·003	29·865	28·772	28·418	·354	·168	75·3	89·2	—1·1	O 69·0	O —0·5	O 79·1	O —0·9	O 20·2	100·5	56·3	44·2
	Salem	940	29·019	+·013	29·896	29·215	28·850	·365	·179	77·8	93·2	+0·2	71·3	+0·6	82·2	+0·4	21·8	104·5	58·4	46·1
	Cuddalore	37	29·881	+·010	29·848	30·100	29·668	·432	·191	80·4	90·8	+0·4	75·0	+0·8	82·9	+0·6	15·9	107·6	61·7	45·9
	Vellore	707	29·199	...	29·849	29·407	28·967	·440	·198	77·8	92·5	...	72·1	...	82·1	...	20·3	107·7	56·5	51·2
	Madras	22	29·868	0	29·842	30·120	29·653	·469	·209	81·4	91·9	+1·0	75·6	+0·9	83·9	+0·9	16·3	106·5	62·0	44·5

N. B.—Elevations in italics indicate barometrical determinations.

I Mean of 6 months.
O Mean of 11 months.

B.—*contd.*

stations in India, etc., in the year 1911.

Wind Direction. Number of winds from									Wind Velocity.			Hygrometry, 8 hrs.				Cloud.		Rainfall.							
Calm.	N.	N. E.	E.	S. E.	S.	S. W.	W.	N. W.	Mean velocity in miles per hour of year.	Normal velocity of year.	Departure from normal of year.	Mean humidity at hrs. of year.	Departure from normal of year.	Mean vapour tension at 8 hrs., in inches of mercury of year	Departure from normal in inches of mercury of year.	Mean cloud amount at 8 hrs. of year.	Departure from normal of year.	Number of rainy days during year.	Normal number of rainy days during year.	Departure from normal of year.	Rainfall of year.	Normal rainfall of year.	Departure from normal of year.	Heaviest rainfall during year.	Station.
23	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
																									XI.—Central Provinces.
48	43	34	22	26	8	16	111	57	7·7	6·1	+1·6	58	−1	·504	+·003	4·0	+1·0	33	42·30	−9·30	14·41	29·91	−15·50	1·85	Khandwa.
160	2	32	24	8	...	64	56	19	4·0	3·2	+0·8	64	−2	·529	−·022	3·9	+0·4	48	56·00	−8·00	39·90	49·10	−9·20	5·14	Hoshangabad.
30	13	29	35	33	27	43	134	21	7·6	4·4	+3·2	56	−3	·455	−·010	4·1	+1·1	58	58·10	−0·10	40·66	46·25	−5·59	2·58	Saugor.
79	13	18	7	41	57	35	75	40	2·4	3·1	−0·7	67	0	·523	−·012	0·39	+·5	66	63·90	+2·10	47·71	55·51	−7·80	5·45	Jubbulpore.
69	69	45	10	5	22	37	57	51	4·9	3·8	+1·1	60	−4	·480	−·050	3·6	+0·1	60	71·40	−11·40	51·17	52·63	−1·46	9·56	Seoni.
55	43	64	5	10	2	6	41	41	3·9*	5·6	−1·7	58	−3	·515	−·038	3·7	−0·2	54	58·60	−4·60	47·97	49·16	−1·19	12·40	Nagpur (*a*).
100	73	17	7	18	37	24	20	69	5·5	...	...	60	...	·429	...	3·5	...	75	...	...	37·57	51·50	−13·93	3·22	Pendra.
76	2	30	29	16	15	135	28	21	5·1	5·9	−0·8	65	+2	·549	−·016	3·7	−0·4	63	62·50	+6·50	57·58	49·99	+7·59	7·42	Raipur.
152	11	5	10	24	4	36	98	25	4·8	3·6	+1·2	64	−1	·581	−·008	3·3	−0·3	53	61·70	−8·70	5·30	53·4	−8·13	·550	Chanda.
67	31	15	6	29	54	76	55	32	...	...	...	77	...	·620	...	3·5	...	74	...	...	66·12	...	...	6·45	Jagdalpur.
																									XII.—Hyderabad.
29	21	32	55	37	7	30	86	68	12·9	5·0	+·9	55	0	·473	...	4·3	...	36	47·40	−11·40	22·89	28·37	−5·48	3·28	Aurangabad.
178	8	3	2	9	8	65	60	32	4·7	...	...	60	−7	·536	...	3·3	...	42	58·30	−16·30	31·04	40·87	−9·83	4·23	Nizamabad.
46	21	22	12	54	12	71	57	70	7·4	...	...	57	...	·507	...	5·1	...	46	59·10	−13·10	20·89	37·55	−16·66	1·75	Bidar.
13	26	47	65	26	19	45	64	60	8·5	10·2	−1·7	59	−5	·544	−·027	2·1	−1·7	44	48·70	−4·70	22·55	33·14	−10·59	2·47	Gulabarga.
1	15	21	29	60	23	75	82	59	9·6	9·6	0	60	−5	·574	−·031	4·0	+0·3	39	44·20	−5·20	19·26	28·62	−9·36	2·31	Raichur.
221	1	3	1	3	...	...	128	8	4·1	5·5	−1·4	64	−6	·551	−·071	4·1	+0·5	42	...	...	20·86	31·32	−10·46	1·88	Hyderabad (Deccan.)
65	24	2	10	84	50	17	72	41	7·0	...	...	63	−4	·612	...	4·3	...	40	51·40	−11·40	21·49	34·75	−13·26	2·06	Hanamkonda.
																									XIII.—Mysore.
12	3	4	76	35	2	77	123	33	7·2	8·1	−0·9	70	0	·571	−·005	5·1	0	41	48·50	−7·50	18·87	25·34	−6·47	1·91	Chitaldrug.
42	8	22	49	33	5	59	99	48	7·3	3·6	+3·7	77	+1	·563	−·011	4·0	−1·6	67	68·20	−1·20	33·17	35·91	−2·74	2·26	Hassan.
4	3	34	78	18	18	68	121	21	8·1	6·3	+1·8	77	−1	·563	−·017	5·0	0	53	58·60	−5·60	31·17	35·51	−4·34	4·52	Bangalore.
28	7	55	42	10	17	115	81	10	9·0	10·0	−1·0	79	+3	·617	+·016	5·5	+0·2	62	55·90	+6·10	35·14	31·30	+3·84	2·15	Mysore.
																									XIV.—Madras.
67	26	42	132	23	5	12	32	26	O 4·6	2·9	O +1·6	77	−4	·769	−·020	4·4	−0·7	112	117·90	−5·90	100·98	127·08	−26·10	8·31	Mangalore.
137	6	23	60	40	5	11	29	54	5·3	8·6	−3·3	85	+2	·817	+·015	4·8	0	90	116·10	−26·10	99·69	117·00	−17·31	8·55	Calicut.
42	25	201	34	7	3	12	14	27	6·7	5·5	+1·2	77	−4	·756	−·056	4·7	0	122	130·60	−8·60	112·19	113·83	−1·64	4·00	Cochin.
93	88	30	11	4	1	2	15	121	5·7†	6·1	−0·4	81	−1	·777	−·017	6·0	+0·5	89	92·90	−3·90	62·02	63·33	−1·31	2·91	Trivandrum.
32	89	24	5	6	9	34	84	82	O 6·5	6·0	O +0·4	65	−4	·702	−·040	4·6	−0·1	40	41·40	−1·40	23·80	27·29	−3·49	1·72	Tinnevelly.
67	53	50	17	24	34	77	30	13	10·1	10·3	−0·2	80	0	·837	...	3·9	...	45	42·70	+2·30	30·29	37·19	−6·90	2·25	Pamban.
5	71	70	35	6	3	14	68	92	7·3	4·2	+3·1	73	+3	·757	+·021	6·2	+2·0	42	50·20	−8·20	28·35	34·30	−5·95	4·50	Madura (*b*).
68	61	61	1	6	16	33	29	90	9·4	...	...	75	...	·771	...	5·1	...	51	...	...	36·72	33·70	+3·02	3·48	Pudukkottai.
34	5	53	5	12	13	87	82	74	O 8·6	6·8	O +1·7	76	0	·807	−·001	5·7	+0·3	58	58·20	−0·20	68·65	53·56	+15·09	8·10	Negapatam.
45	62	27	15	10	9	57	127	12	5·4†	5·8	−0·4	69	−3	·719	−·012	4·1	−0·8	41	44·60	−3·60	33·44	32·86	+0·58	3·91	Trichinopoly (*b*).
88	9	95	4	5	32	127	4	1	7·1	4·2	+2·9	87	+4	·766	+·033	4·4	−0·3	47	43·80	+3·20	26·19	22·10	+4·09	2·21	Coimbatore.
85	9	25	52	6	32	49	94	13	4·6	4·2	+0·4	77	+1	·734	+·065	4·9	+0·5	53	59·50	−6·50	27·45	40·20	−12·75	1·97	Salem.
42	38	4	...	16	40	94	65	57	8·3	2·5	+5·8	77	−6	·794	−·064	4·8	−0·4	48	56·30	−8·30	45·94	50·89	−4·95	5·34	Cuddalore.
212	3	19	5	27	1	31	28	39	5·5	...	...	75	...	·718	...	3·7	...	55	54·90	+0·10	34·09	45·33	−11·24	2·40	Vellore.
10	52	13	4	6	95	61	87	37	7·0†	6·8	+0·2	76	0	·817	+·012	3·8	−1·3	46	83·70	−37·70	36·53	49·47	−12·94	4·81	Madras.

*Mean of 10 months.
(*a*) Wind observations for 277 days.
O=Mean of 11 months.
(*b*) Wind observations for 364 days.
† Uncorrected for scale error.

TABLE

(2) *Abstract of observations taken at 8 hrs. at 246*

Number of sub-division.	STATION.	Elevation of bar-cistern above sea-level, in feet.	Pressure, 8 hrs. in inches. Mean 8 hrs. pressure reduced to 32°.	Departure from normal of year.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity at 45° Lat.	Highest pressure recorded during year.	Lowest pressure recorded during year.	Absolute range during year.	Mean monthly range of pressure.	Temperature of air. Mean of 8 hrs. temperature of year.	Mean maximum of year.	Departure from normal of year.	Mean minimum of year.	Departure from normal of year.	Yearly mean of mean between maximum and minimum.	Departure from normal of year.	Mean daily range of temperature.	Highest temperature observed during year.	Lowest temperature observed during year.	Absolute range during year.	Mean monthly absolute range.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	Madras—*concld.*																				
33	Cuddapah	433	29·473	+·002	29·844	29·683	29·239	·444	·189	80·3	96·1	+0·6	73·6	−0·8	84·9	−0·1	22·4	112·2	58·6	53·6	34·7
	Bellary	1,475	28·426	−·001	29·839	28·627	28·204	·423	·181	76·6	94·4	+1·3	71·1	+0·6	82·7	+0·9	23·2	109·0	56·8	52·2	33·1
	Kurnool	923	28·972	−·001	29·842	29·191	28·716	·475	·192	76·3	94·5	+0·7	71·0	+0·5	82·8	+0·6	23·5	110·2	53·1	57·1	34·5
34	Nellore	66	29·827	+·004	29·828	30·061	29·580	·481	·220	80·7	93·7	−0·6	75·2	+0·1	84·5	−0·2	18·5	108·6	62·6	46·0	28·2
	Masulipatam	15	29·880	+·007	29·829	30·145	29·534	·611	·225	80·2	90·7	+0·2	74·3	−0·1	82·5	+0·1	16·4	111·3	59·7	51·6	29·5
	Cocanada	26	29·862	+·005	29·824	30·147	29·417	·730	·231	78·9	89·3	0	74·6	−0·2	82·0	−0·1	14·7	108·7	60·5	48·2	27·1
	Waltair (Vizagapatam).	226	29·647	+·005	29·815	29·944	29·084	·860	·256	79·8	86·8	...	75·2	...	81·0	...	11·6	102·6	63·4	39·2	21·4
	Calingapatam	19	29·851	...	29·809	30·170	29·384	·786	·257	77·9	89·5	...	73·9	...	82·0	...	15·6	102·3	55·3	47·0	26·6
	Gopalpur	72	29·819	+·018	29·809	30·172	29·363	·809	·272	77·0	86·9	+0·9	73·3	+0·1	80·1	+0·5	13·6	99·7	55·0	44·7	24·5
	Bay Islands.																				
1	P. V. Fraser	8	29·865	...	29·791	30·240	29·340	·900	·263	79·9	...	...	...	...	...	...	...	...	...	...	...
	Port Blair	58	29·859	+·005	29·847	30·044	29·676	·368	·182	79·9	86·3	−1·0	76·4	−0·6	81·4	−0·8	9·9	92·2	70·0	22·2	16·3
	Slipper Island	90	29·808	...	29·833	30·018	29·565	·453	·212	80·6	85·5	...	77·1	...	81·2	...	8·4	91·6	71·1	20·5	13·8
	Kashmir.																				
14	Muzaffarabad*	2,475	27·496	...	30·010	27·873	27·061	·812	·341	60·8	78·8	...	51·7	...	65·3	...	27·1	114·1	33·0	81·1	44·0
	Srinagar	5,204	24·879	−·009	24·850	25·235	24·476	·759	·355	50·0	65·3	−0·6	44·8	+1·0	55·1	+0·2	20·4	94·1	20·1	74·0	36·7
	Gulmarg (*h*)	8,569	21·835	(*l*) −·011	21·803	22·011	21·646	·365	·228	57·9	67·5	(*l* +3·1	43·9	+0·7	55·7	(*l*) +1·9	23·6	80·7	29·8	50·9	39·0
	Sonamarg	8,764	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Dras	10,059	20·794	−·006	20·762	21·108	20·255	·851	·390	29·6	47·1	x −2·9	17·4	x −2·6	32·2	x −2·8	29·7	85·9	−46·0	131·9	59·7
	Leh	11,503	19·694	−·009	19·662	19·975	19·173	·802	·377	36·6	54·8	−0·6	28·9	−0·9	41·9	−0·8	25·9	84·9	−12·5	97·4	45·5
	Skardu	7,505	22·869	−·010	22·839	23·306	22·417	·889	·417	46·7	63·2*	+0·6*	40·0	−0·4	52·3*	+0·3	21·9*	99·4	−8·9	108·3	44·0
	Minimarg(*k*)	9,359	...	...	...	...	...	...	...	20·5	40·2	...	12·3	...	26·2	...	27·9	64·3	−6·0	70·3	59·5
	Astor (*k*)	7,955	22·455	...	22·425	22·780	21·902	·878	·671	26·0	40·8	...	15·8	...	28·3	...	25·0	56·9	−10·8	67·7	49·4
	Gilgit	4,890	25·082	...	25·055	25·531	24·667	·864	·439	59·3	73·8	+1·0	52·7	−0·6	63·3	+0·2	21·1	107·2	26·2	81·0	39·5
	Baluchistan.																				
16	Quetta	5,502	24·620	0	24·580	24·881	24·336	·545	·267	56·5	73·2	−0·3	43·7	−0·7	58·5	−0·5	29·5	100·1	16·2	83·9	48·1
	Chaman	4,311	25·662	−·010	25·624	25·936	25·335	·601	·283	64·7	76·8	−2·1	53·5	−1·9	65·1	−1·9	23·4	106·8	19·8	87·0	44·1
	Kalat (*l*)	6,630	23·903	...	23·865	24·025	23·781	·244	·189	44·7	64·1	...	(*k*) 45·4	...	(*k*) 56·7	...	(*k*) 22·5	90·0	25·9	64·1	(*k*) 39·1
	Dalbandin (*x*)	2,779	27·038	...	29·719	7·466	26·662	·804	·300	74·6	94·8	...	60·7	...	77·7	...	34·1	116·3	28·3	88·0	53·6
	Pasni†	...	29·847	...	29·807	30·223	29·439	·784	·286	74·0	85·1	...	70·4	...	77·8	...	14·6	100·0	48·0	52·0	26·6
	Panjgur (*l*)	...	26·815	...	26·773	27·029	26·621	·408	·180	53·2	78·7	...	50·5	...	64·6	...	28·2	99·8	33·5	66·3	46·8
	Robat	...	26·908	...	26·866	27·285	26·499	·786	·349	66·7	84·7	...	59·2	...	71·9	...	25·5	115·0	25·3	89·7	46·8
	Hill Stations excluding Kashmir and Baluchistan.																				
	Chitral	5,436	...	...	...	...	...	...	...	53·2	70·5	...	46·0	...	58·3	...	24·5	102·4	13·0	89·4	43·1
	Para Chinar	6,000	24·428	...	24·401	24·704	24·035	·669	·307	57·4	69·4	...	47·6	...	58·5	...	21·8	98·7	17·4	81·3	41·3
	Cherat	4,256	25·681	+·012	25·649	25·963	25·290	·673	·329	61·9	72·1	−1·6	56·6	−0·2	64·3	−0·9	15·5	104·2	21·5	82·7	36·7
	Murree	6,333	23·820	−·009	23·788	24·041	23·422	·619	·290	54·3	63·9	−1·9	50·6	−0·2	57·2	−1·0	13·3	90·1	20·7	69·4	33·4
	Simla	7,232	23·088	+·004	23·050	23·280	22·759	·521	·264	53·7	60·8	0	49·9	0	55·3	0	10·9	81·8	17·1	64·7	28·8
	Sarain	...	23·128	...	23·090	23·318	22·819	·499	·274	49·3	61·1	...	42·8	...	52·0	...	18·3	81·2	17·3	63·9	33·5
	Kalabagh	...	20·113	...	20·075	20·257	19·914	·343	·234	48·9	54·4	...	44·9	...	49·7	...	9·5	62·4	27·9	34·5	21·0

N. B.—Elevations in italics indicate barometrical determinations.

NOTE.—The barometric readings are not reduced to sea-level, in the case of hill or plateau stations, the elevations of which exceed 3,200 feet.

x = Mean of 9 months.
* = ,, 10 ,,
† = ,, 11 ,, except rainfall.
k = ,, 3 ,,
l = ,, 4 ,,

3—contd.

ations in India, etc., in the year 1911.

Wind direction. Number of winds from									Wind velocity.			Hygrometry, 8 hrs.				Cloud.		Rainfall.							
N.	N.E.	E.	S.E.	S	S.W.	W.	N.W.		Mean velocity in miles per hour of year.	Normal velocity of year.	Departure from normal of year.	Mean humidity at 8 hrs. of year.	Departure from normal of year.	Mean vapour tension at 8 hrs. in inches of mercury of year.	Departure from normal in inches of mercury of year.	Mean cloud amount at 8 hrs. of year.	Departure from normal of year.	Number of rainy days during year.	Normal number of rainy days during year.	Departure from normal of year.	Rainfall of year.	Normal rainfall of year.	Departure from normal of year.	Heaviest rainfall during year.	Station.
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
																									Madras.
5	27	27	63	6	42	111	84		...	...	...	67	−1	·689	−·017	4·6	+0·3	41	43·70	−2·70	23·30	31·63	−8·33	2·72	Cuddapah.
11	7	21	29	17	28	108	56		6·3	6·7	−0·4	59	−3	·537	−·043	3·9	−0·8	22	34·30	−12·30	12·85	19·98	−7·13	2·36	Bellary.
16	7	36	16	21	70	50	71		8·0*	...	...	67	+1	·609	−·016	3·5	−0·3	46	47·60	−1·60	18·07	26·92	−8·85	1·85	Kurnool.
28	13	8	45	48	45	65	87		7·0*	6·7	+0·3	74	−2	·765	−·044	5·3	+0·3	39	42·10	−3·40	37·61	34·97	+2·64	4·16	Nellore.
36	26	16	41	78	32	45	56		7·5	6·5	+1·0	78	−4	·805	−·041?	4·4	−0·1	53	51·00	+2·00	36·13	40·00	−3·87	3·00	Masulipatam (a).
39	41	11	2	3	65	73	42		6·8	7·9	−1·1	80	+5	·810	+·050	5·7	+1·0	42	53·90	−11·90	31·32	38·96	−7·64	3·18	Cocanada.
24	57	4	2	7	205	49	7		9·0	...	...	72	−1	·738	−·029	5·7	+0·9	50	49·60	+0·40	22·07	37·26	−15·19	1·42	Waltair (Vizagapatam).
47	13	6	6	17	99	75	96		8·1°	...	...	82	...	·793	...	4·6	...	48	...	...	38·74	36·49	+2·25	12·23	Calingapatam.
76	3	...	3	62	56	19	66		11·7°	11·8	−0·1	82	+1	·768	−·016	3·5	−1·1	46	55·20	−9·20	34·74	44·87	−10·13	3·65	Gopalpur.
																									Bay Islands.
46	42	11	12	58	141	30	16		...	...	...	79	...	·817	...	5·1	...	44	...	...	32·94	...	...	3·78	P. V. Fraser.
29	47	20	11	18	52	65	33		7·7	7·5	+0·2	83	−3	·846	−·049	5·6	−0·4	130	...	...	105·80	118·49	−12·69	5·35	Port Blair.
56	59	22	10	39	94	33	32		12·2	...	...	80	...	·830	...	5·1	...	85	...	...	68·21	79·07	−10·86	5·97	Slipper Island.
																									Kashmir.
11	21	14	28	52	93	26	17		1·1†	...	...	59	...	·322	...	4·0	...	65	...	...	40·10	...	...	3·31	Muzaffarabad (c).
16	13	6	91	43	8	5	53		2·6	3·6	−1·0	82	−4	·334	−·021	4·9	+0·3	73	56·50	+16·50	27·58	27·24	+0·34	1·88	Srinagar.
3	32	45	17	...	3	6	6		5·7	...	...	69	...	·343	...	2·3	...	254	...	...	11·30h	16·35h	−5·05	1·76	Gulmarg.
...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	120	...	...	84·86	77·84	+7·02	4·15	Sonamarg.
1	3	3	..	...	5	15	19		3·2	...	...	75	−1	·159	...	3·6	...	66	61·10	+4·90	24·01	21·78	+2·23	1·37	Dras.
5	11	1	9	24	3	4	...		2·9	2·0	+0·9	52	0	·122	−·009	4·9	+0·1	9	9·50	−0·30	2·59	3·26	−0·67	0·29	Leh.
...	5	26	6	26	34	12	1		5·6	...	...	59	−12	·184	...	4·9	...	22	17·00	+5·00	7·58	7·48	+0·10	0·95	Skardu.
...	3	15	2	...	...	4	1		3·8	...	...	73	...	·087	...	5·1	...	41	...	...	26·28	...	...	3·33	Minimarg.
...	...	16	7	4	1	...	...		3·5	...	...	6	...	·113	...	7·2	...	40	...	..	15·51?	...	...	1·10	Astor.
2	1	11	1	2	7	37	...		1·9	...	...	51	0	·271	+·002	4·5	−0·3	13	14·00	−1·00	3·49	5·11	−1·71	0·38	Gilgit (b).
																									Baluchistan.
2	7	4	27	13	5	2	13		2·2	2·9	−0·7	54	−4	·245	−·042	2·0	+0·1	34	26·80	+7·20	12·61	10·02	+2·59	1·64	Quetta.
5	4	28	54	58	67	14	8		5·9	8·1	−2·2	45	+3	·252	−·015	2·3	+0·3	25	19·60	+5·40	10·51	6·68	+3·83	1·49	Chaman.
1	1	...	10	20	24	...	2		5·0	...	...	45	...	·150	...	0·6	...	4	3·60	+0·40	1·96	1·48	+0·48	0·92	Kalat.
15	57	75	35	18	31	20	12		7·8d	...	...	53	...	·592	...	1·1	...	2	...	...	0·67	...	...	0·30	Dalbandin.
18	12	31	14	4	23	89	52		7·0	...	...	88	...	·763	...	1·2	...	5	...	...	2·83	...	...	1·17	Pasni.
8	63	30	5	...	...	...	1		6·8*	...	...	65	...	·277	...	0·5	...	1	...	...	0·28	...	...	0·24	Panjgur.
6	58	54	11	21	137	19	4		8·1	...	...	52	...	·365	...	1·8	...	12	...	...	3·26	...	...	0·50	Robat.
																									Hill Stations excluding Kashmir and Baluchistan.
60	3	3	...	44	...	1	...		2·9	...	...	67	...	·283	...	0·5	...	49	...	...	20·52	15·42	+5·10	1·25	Chitral.
10	8	3	4	4	13	24	12		3·4	...	...	57	...	·273	...	2·8	...	81	58·20	+22·80	41·50	27·85	+13·65	2·04	Para Chinar.
99	20	1	28	28	13	8	79		12·3	11·4	+0·9	51	−2	·300	−·019	3·7	+0·6	44	...	...	31·14	27·48	+3·66	4·69	Cherat (a).
43	7	7	75	27	1	...	26		6·3	7·3	−1·0	56	+1	·252	−·011	4·6	+0·8	80	77·30	+2·70	57·50	57·97	−0·47	4·05	Murree.
...	...	...	...	..	...	...	...		...	...	...	56	−2	·252	−·003	4·4	+0·2	99	80·10	+18·90	61·78	63·11	−1·33	2·56	Simla.
...	7	6	3	49	55	4	...		1·2	...	...	74	...	·272	...	4·5	...	104	...	...	77·72	64·55	+13·17	3·70	Sarain.
17	1	1	15	36	...	...	45		8·8	...	...	75	...	·263	...	5·6	...	77	...	...	45·72	55·00	−9·28	4·11	Kalabagh.

(a) Wind observations for 364 days.
(b) Wind observations for 363 days.
(c) Wind observations for 262 days.

Uncorrected for scale error.

H = Rainfall for 4 months.
h = Mean of 9 months.

TABLE

(2) *Abstract of observations taken at 8 hrs. at 246*

Number of sub-division.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure, 8 hrs., in inches. Mean 8 hrs pressure reduced to 32°.	Departure from normal of year.	Mean 8 hrs. pressure reduced to sea-level and to constant gravity at 45° Lat.	Highest pressure recorded during year.	Lowest pressure recorded during year.	Absolute range during year.	Mean monthly range of pressure.	Temperature of air. Mean of 8 hrs. temperature of year.	Mean maximum of year.	Departure from normal of year.	Mean minimum of year.	Departure from normal of year.	Yearly mean of mean between maximum and minimum.	Departure from normal of year.	Mean daily range of temperature.	Highest temperature observed during year.	Lowest temperature observed during year.	Absolute range during year.	Mean monthly absolute range.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	Hill Stations, excluding Kashmir and Baluchistan—*concld.*																				
	Chakrata	7,022	23·261	—·004	23·221	23·480	22·981	·499	·263	54·3	64·9	+0·6	49·1	—0·6	57·0	0	15·8	83·2	22·2	61·0	33·0
	Mukteswar	7,592	22·816	—·020	22·775	23·002	22·506	·496	·260	53·4	63·0	—1·2	47·6	—0·8	55·3	—1·0	15·4	80·5	22·5	58.0	30·4
	Darjiling	7,376	22·969	—·037	22·924	23·165	22·587	·578	·261	52·1	58·5	0	47·8	+0·3	53·1	+0·1	10·7	72·8	27·7	45·1	22·1
	Shillong	4,920	25·104	...	25·056	25·317	24·805	·512	·261	60·5	69·2	...	53·4	...	61·3	...	15·8	79·9	27·7	52·2	27·5
	Cherrapunji	4,309	25·672	...	25·623	25·906	25·351	·555	·250	61·4	67·3	...	56·2	...	61·8	...	11·2	81·2	33·6	47·6	25·9
	Maymyo	3,545	26·419	—·008	26·364	26·603	26·142	·461	·219	62·3	74·9	—2·2	56·3	+0·7	65·6	—0·7	18·7	91·0	31·6	59·4	30·5
	Pachmarhi	3,528	26·435	+·008	26·382	26·682	26·148	·534	·223	69·3	79·9	+0·4	61·7	+0·5	70·8	+0·5	18·2	102·5	36·1	66·4	31·6
	Mount Abu	3,945	26·033	+·004	25·983	26·278	25·735	·543	·223	67·3	76·0	—0·1	62·2	+0·2	69·1	+0·1	13·8	94·7	37·9	56·8	28·2
	Mercara	3,781	26·236	+·005	26·169	26·578	26·087	·291	·154	65·6	76·4	—0·1	60·9	—0·4	68·7	—0·2	15·5	90·5	51·0	39·5	25·3
	Ootacamund	7,327	23·064	...	23·000	23·195	22·937	·258	·130	57·3	66·2	...	48·8	...	57·4	...	17·3	75·0	33·2	41·8	28·1
	Kodaikanal	7,688	22·834	—·005	22·769	22·949	22·714	·235	·122	56·8	65·0	+0·2	51·1	—0·1	58·0	+0·1	13·9	76·5	40·0	36·5	23·0
	Extra India.																				
	Singapore (*a*)	10	29·942	...	29·873	30·089	29·827	·262	·155	83·3	88·6	...	74·3	...	81·4	...	14·4	94·8	69·2	25·6	20·4
	Penang (*a*)	20	29·929	...	29·874	30·074	29·795	·279	·161	82·0	89·3	...	74·3	...	81·8	...	15·0	95·0	70·0	25·0	21·0
	Trincomalee	99	?	...	?	?	?	?	?	77·3	90·6	+2·0	74·7	—1·7	82·6	+0·1	15·9	101·0	68·0	33·0	24·1
	Colombo	24	29·911	—·010	29·861	30·012	29·780	·262	·148	75·7	88·7	+1·7	74·5	—1·1	81·6	+0·3	14·2	96·0	64·5	31·5	21·3
	Minicoy	7	29·973	...	...	30·113	29·800	·313	·147	...	...	...	...	...	...	...	...	...	...	...	...
	Amini Divi	13	29·929	+·011	29·879	30·099	29·748	·351	·164	82·2	87·9	+1·7	76·7	—0·4	82·3	+0·7	11·2	96·1	67·0	29·1	18·9
	Gyantse	13,120	17·023	...	16·984	17·183	16·660	·523	·189	38·3	59·0	...	24·8	...	41·9	...	34·2	84·1	—2·6	86·7	52·8
	Pharijong*	14,400	...	...	...	...	...	...	...	38·3	50·6‡	...	20·6	...	36·8‡	...	27·8‡	67·1	—14·5	81·6	44·8
	Gangtok	5,660?	...	...	...	...	...	...	...	57·5	67·8	...	50·7	...	59·3	...	17·1	80·9	31·6	49·3	28·8
	Gartok (*c*)	15,100?	17·518	...	...	17·840	17·350	·490	·207	27·3	45·1	...	15·4	...	30·2	...	29·7	74·7	—31·7	106·4	56·3
	Kashgar (*a*)	4,255	25·552	...	...	26·030	25·220	·810	·463	51·6	67·8	+1·6	44·1	+0·6	56·0	+1·1	23·7	101·8	7·1	94·7	44·9
	Kabul†	...	24·330	...	24·299	24·535	24·140	·395	·254	45·9	54·7§	—6·5§	38·3	—0·3	40·5§	—5·7§	28·3§	76·7	12·9	63·8	54·1§
	Meshed	3,104	26·785	...	26·763	27·203	26·164	1·039	·467	51·6	68·0	...	40·9	—4·9	54·4	...	27·1	98·4	—4·2	102·6	52·2
	Jask	13	29·843	—·023	29·809	30·212	29·347	·865	·319	74·0	85·4	—1·1	71·9	—1·5	78·6	—1·3	13·5	105·3	51·8	53·5	26·1
	Muscat	20	29·855	—·004	29·823	30·247	29·379	·868	·299	80·6	88·8	+5·4	77·3	—1·2	83·1	+2·1	11·4	109·3	58·6	50·7	26·2
	Bahrein	18	29·891	...	29·863	30·404	29·437	·967	·330	76·0	80·9	...	71·1	...	76·0	...	9·8	107·5	42·5	65·0	26·9
	Bushire	14	29·854	—·008	29·830	30·351	29·400	·951	·344	70·5	79·0	—3·2	66·4	—2·1	72·7	—2·6	12·6	111·8	35·0	76·8	30·8
	Busrah	25	29·873	...	29·861	30·442	29·396	1·046	·405	71·6	81·4	...	64·4	...	72·9	...	17·0	109·5	24·3	85·2	34·7
	Kerman	...	...	...	...	...	...	...	...	55·6	77·8	...	44·6	...	61·2	...	33·2	107·2	10·9	96·3	56·3
	Ispahan (*b*)	5,817	24·274	...	...	24·520	23·870	·650	·325	52·4	70·8	—3·3	44·1	—1·1	57·5	—2·2	26·6	102·4	6·2	96·3	44·3
	Tehran (*b*)	4,002	25·823	...	...	26·150	25·450	·700	·426	45·9	60·8	—4·4	40·6	—3·9	50·7	—4·1	20·1	96·2	—4·5	100·7	43·6
	Baghdad	127	29·782	—·010	29·886	30·350	29·357	·993	·437	64·7	83·0	—2·0	58·8	—0·6	70·9	—1·7	24·2	116·8	23·8	93·0	41·3
	Beirut	...	...	...	29·909	...	...	...	...	67·8	74·2	...	61·1	...	67·7	...	13·1	91·0	33·1	57·9	28·0
	Aden	94	29·836	+·010	29·862	30·069	29·580	·489	·193	81·7	87·7	—0·5	78·7	+1·0	83·2	+0·2	9·0	98·6	69·9	28·7	16·4
	Perim	201	29·708	+·019	29·843	29·930	29·481	·449	·158	82·8	89·4	—0·4	79·5	+0·4	84·4	0	9·9	101·3	70·2	31·1	16·7
	Zanzibar	72	30·008	+·016	30·007	30·216	29·804	·412	·157	78·0	83·4	—0·2	76·2	—0·3	79·8	—0·3	7·2	91·7	69·1	22·6	13·7

N.B.—Elevations in italics indicate barometrical determinations.
NOTE.—The barometric readings are not reduced to sea-level, in the case of hill or plateau stations, the elevations of which exceed 3,200 feet.
(*a*) 9 hours observations.
(*b*) Aneroid uncorrected. (*c*) Aneroid corrected.
* = Mean of 10 months.
† " " 8 "

-concld.

ions in India, etc., in the year 1911.

Wind direction. Number of winds from N.	N. E.	E.	S. E.	S.	S. W.	W.	N. W.	Wind velocity. Mean velocity in miles per hour of year.	Normal velocity of year.	Departure from normal of year.	Hygrometry, 8 hrs. Mean humidity at 8 hours of year.	Departure from normal of year.	Mean vapour tension at 8 hrs. in inches of mercury of year.	Departure from normal in inches of mercury of year.	Cloud. Mean cloud amount at 8 hrs. of year.	Departure from normal of year.	Rainfall. Number of rainy days during year.	Normal number of rainy days during year.	Departure from normal of year.	Rainfall of year.	Normal rainfall of year.	Departure from normal of year.	Heaviest rainfall during year.	Station.
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
																								Hill Stations, excluding Kashmir and Baluchistan—*concld.*
54	15	3	37	27	...	...	7	4·3	6·3	−2·0	66	+2	·309	+·009	4·3	+0·9	96	88·00	+8·00	80·66	72·44	+8·22	4·47	Chakrata.
2	11	41	14	2	7	119	9	7·3	...	...	64	+3	·284	...	4·5	...	89	...	...	50·70	50·90	−0·20	2·23	Mukteswar.
1	13	4	18	...	11	16	2	1·7	4·8	−3·1	88	+1	·362	+·005	7·2	+1·2	130	121·09	+8·91	134·85	121·00	+13·85	5·82	Darjiling.
1	6	14	15	12	70	5	3	2·8	...	...	75	...	·425	...	4·4	...	114	120·40	−6·40	80·75	84·65	−3·90	4·52	Shillong.
6	30	12	18	19	63	12	3	5·7	...	...	84	...	·475	...	5·7	...	172	161·70	+10·30	560·27	409·90	+150·37	27·24	Cherrapunji.
...	2	2	7	12	108	2	2	2·4	...	...	80	+6	·522	...	4·6	...	81	90·70	−9·70	61·84	56·57	+5·27	3·28	Maymyo(*b*).
26	16	17	8	16	53	75	86	7·0	5·9	+1·1	63	+3	·439	+·005	3·3	−0·6	72	79·20	−7·20	69·86	75·33	−5·47	7·55	Pachmarhi.
2	25	5	4	20	137	45	57	8·6	7·8	+0·8	54	−1	·358	−·015	4·2	+0·9	29	54·20	−25·20	16·57	60·80	−44·23	2·11	Mount Abu.
28	61	46	8	6	17	65	64	5·5	5·9	−0·4	88	+5	·542	+·006	5·6	−0·3	113	134·70	−21·70	130·86	126·88	+3·98	7·04	Mercara.
7	30	82	42	13	14	62	28	4·6	...	...	69	...	·325	...	5·2	...	118	90·70	+27·30	69·88	56·20	+13·68	2·99	Ootacamund.
30	42	73	41	11	7	74	84	13·9*	...	...	67	−3	·307	...	4·3	...	107	99·40	+7·60	64·03	61·65	+2·38	3·99	Kodaikanal.
																								Extra India
21	56	8	65	22	39	2	25	5·8*	...	...	...	...	...	...	5·6	...	125	...	...	80·35	93·09	−4·64	7·23	Singapore.
34	142	31	35	31	2	5	53	10·4*	...	...	...	...	...	...	...	...	124	...	...	77·25	106·41	−29·16	2·60	Penang (*e*).
2	63	14	3	5	221	13	11	7·9*	10·0	−2·1	81	0	·755	−·109	5·3	+2·0	80	...	...	66·86	62·16	+4·70	3·50	Trincomalee(*a*).
40	51	5	1	5	47	68	26	5·0*	8·0	−3·0	91	+14	·805	−·040	6·7	+1·6	109	...	...	69·36	84·53	−15·17	3·52	Colombo (*a*).
30	53	17	4	2	25	105	99	7·4	9·5	−2·1	...	...	...	...	4·3	−0·3	81	...	...	66·42	61·84	+4·58	4·43	Minicoy.
04	33	2	4	3	50	6	136	9·9	...	...	75	−4	·826	−·053	4·6	−0·7	72	...	...	50·95	52·36	−1·41	2·67	Amini Divi.
...	6	68	80	3	3	...	1	3·4	...	...	66	...	·163	...	1·1	...	38	...	...	11·89	...	...	0·85	Gyantse.
16	14	3	21	24	14	9	6	9·2†	...	...	76	...	·184	...	4·5†	...	58	...	...	20·12	...	...	1·10	Pharijong (*d*).
1	19	3	12	7	7	4	2	1·5	...	...	88	...	·437	...	3·5	...	180	...	...	141·97	135·11	+6·86	3·66	Gangtok (*f*).
6	3	4	77	66	14	...	4	8·6	...	...	...	...	...	...	2·7	...	2	...	...	1·11	...	...	0·37	Gartok (*h*).
...	...	...	1	...	6	...	30	1·7‡	2·8	−1·1‡	59	?	·251	?	3·0	−1·2	6	...	...	2·01	3·28	−1·27	0·44	Kashgar (*c*).
2	8	31	52	23	...	5	1	...	...	...	68	...	·227	...	0	...	5	...	...	1·55	1·58	−0·03	0·50	Kabul (*g*).
16	9	9	10	18	4	6	11	2·0	...	...	63	...	·246	...	3·9	?	30	...	...	9·95	9·37	+0·58	0·86	Meshed.
59	46	108	22	2	6	28	62	9·4	11·9	−2·5	74	+3	·648	−·070	2·4	+0·8	16	...	...	6·32	4·17	+2·15	1·62	Jask. (*e*)
14	10	65	6	4	3	40	106	6·1	4·3	+1·8	65	−4	·688	−·054	3·7	+2·1	10	...	...	3·98	3·94	+0·04	1·00	Muscat (*i*).
54	13	37	23	8	14	93	120	7·6	...	...	67	...	·613	...	1·9	...	8	...	...	6·21	2·47	+3·74	1·50	Bahrein (*i*).
39	68	30	25	3	8	33	91	10·4	7·9	+2·5	76	+9	·620	+·012	2·5	...	28	...	...	14·29	11·07	+3·22	2·51	Bushire.
16	9	13	33	34	37	121	83	4·5	...	...	62	...	·502	...	2·1	...	23	...	...	10·96	6·23	+4·73	1·60	Busrah (*f*).
66	35	30	27	52	33	25	27	5·0	...	...	45	...	·199	...	1·4§	...	24	...	...	6·55	...	...	0·60	Kerman (*i*).
12	8	9	3	4	15	36	16	2·8§	3·6§	−0·8§	55‡	−8‡	·295‡	−·057‡	1·9	−0·2	15	...	...	4·08	4·74	−0·66	0·40	Ispahan (*a*).
44	74	14	15	26	38	9	10	2·7	3·0	−0·3	67	+14	·222	+·008	2·8	+0·3	37	...	...	10·74	9·30	+1·44	0·74	Tehran.
50	21	8	21	24	5	17	100	8·6	3·6	+5·0	56	−3	·352	−·057	2·1	+0·9	25	...	...	8·70	6·95	+1·75	1·62	Baghdad (*e*).
22	36	15	15	6	169	25	11	...	...	...	68	...	·483	...	3·4	...	74	...	...	45·57	...	...	3·07	Beirut (*g*).
27	173	16	25	13	11	2	...	11·7	12·5	−0·8	76	+3	·819	+·038	4·7	+0·5	4	...	...	1·55	2·65	−1·10	0·73	Aden.
22	9	117	91	26	10	32	46	15·1	16·9	−1·8	69	−4	·823	−·002	3·9	−0·1	8	...	...	3·96	2·48	+1·48	1·56	Perim (*a*).
36	47	8	37	96	88	14	1	6·4	6·7	−0·3	82	−1	·788	−·029	5·8	−0·1	81	...	...	59·09	63·30	−4·21	3·30	Zanzibar (*e*)

* Uncorrected for scale error.
† Mean of 6 months.
‡ Mean of 10 months.
§ Mean of 11 months.

(*a*) Wind observation for 364 days.
(*b*) " " " 344 "
(*c*) " " " 363 "
(*d*) " " " 278 "
(*e*) " " " 358 "
(*f*) " " " 361 "
(*g*) " " " 122 "
(*h*) " " " 356 "
(*i*) " " " 362 "

Table C.—Abstract of observations taken at 8 hrs. at 42 fourth class stations in India, etc., in the year 1911.

TABLE

Abstract of observations taken at 8 hrs. at 42 fourth

Number of station	Station.	Temperature of air. Mean of 8 hrs. temperature of year.	Mean maximum of year.	Departure from normal of year.	Mean minimum of year.	Departure from normal of year.	Yearly mean of mean between maximum and minimum.	Departure from normal of year.	Mean daily range of temperature.	Highest temperature observed during year.	Lowest temperature observed during year.	Absolute range during year.	Mean monthly absolute range.	Wind direction. Number of winds from Calm.	N.	N. E.	E.	S. E.	S.	S. W.	W.	N. W.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	II.—Eastern Bengal and Assam.																					
4	Bishnath	70·2	82·8	...	63·0	...	73·1	...	19·8	96·7	38·7	58·0	34·1	...	...	...	...	...	...	...	...	...
	Borjuli	71·5	84·7	...	63·6	...	74·1	...	21·1	97·6	39·4	58·2	33·7	...	...	...	...	...	...	...	...	...
	Chandkhira	69·5	86·5	...	63·4	...	74·9	...	23·1	97·6	39·1	58·5	34·8	...	...	...	...	...	...	...	...	...
	Doom Dooma	66·5	81·8	...	63·9	...	72·8	...	17·9	98·5	40·2	58·3	32·7	...	...	...	...	...	...	...	...	...
	Dikom	68·0	81·6	...	63·9	...	72·8	...	17·7	97·6	41·2	56·4	31·7	...	...	...	...	...	...	...	...	...
	Golaghat	71·4	71·9	...	65·1	...	68·5	...	6·8	88·7	33·6	55·1	20·3	...	...	...	...	...	...	...	...	...
	Hailakandi	...	...	...	...	...	...	Observations not received			...	...	...	...	...	...	...	...	...	...	...	...
	Jorehat	71·0	81·8	...	65·5	...	73·7	...	16·3	97·1	42·3	54·8	28·5	...	...	...	...	...	...	...	...	...
	Messa	73·8	88·8	...	61·5	...	75·2	...	27·3	104·6	39·0	65·6	37·9	...	...	...	...	...	...	...	...	...
	Paneribat	66·4	82·0	...	63·1	...	72·5	...	18·9	95·4	38·0	57·4	31·6	...	...	...	...	...	...	...	...	...
	Srimangal	72·4	86·8	...	65·1	...	75·9	...	21·7	96·7	40·2	56·5	32·8	...	...	...	...	...	...	...	...	...
5	Brahmanbaria	76·5	86·1	...	67·7	...	76·9	...	18·4	96·8	44·7	51·1	30·0	...	...	...	...	...	...	...	...	...
	Dam Dim	70·2	88·4	...	61·8	...	75·1	...	26·6	98·4	39·2	59·2	35·8	...	...	...	...	...	...	...	...	...
	Goalundo	76·6	87·2	...	67·3	...	77·2	...	19·9	101·4	39·3	62·1	33·9	...	...	...	...	...	...	...	...	...
	Kalchini	74·0	84·2	...	61·3	...	73·0	...	22·4	99·6	40·9	58·7	35·3	...	...	...	...	...	...	...	...	...
	Nagrakata	72·6	83·5	...	64·8	...	74·2	...	18·7	97·1	40·0	57·1	30·6	...	...	...	...	...	...	...	...	...
	Pabna	75·1	87·3	...	65·1	...	73·9	...	22·3	102·5	46·6	55·9	34·5	...	...	...	...	...	...	...	...	...
	IV.—United Provinces of Agra and Oudh.																					
10	Balia	78·0	(a) 93·4	...	(b) 71·8	...	(c) 81·2	...	21·6	108·8	42·0	66·8	(a) 29·7	...	...	...	...	...	...	...	...	...
	XI.—Central Provinces.																					
24	Chhindwara	71·1	87·1	...	63·7	...	75·4	...	23·4	109·2	32·3	76·9	37·1	...	28	26	10	2	14	41	125	110
	XIV.—Madras.																					
33	Anantapur	77·4	93·7	...	70·6	...	82·2	...	23·1	107·0	55·1	51·9	34·0	...	...	...	...	...	...	...	...	...
34	Guntur	80·1	94·4	...	73·9	...	84·2	...	20·5	116·2	54·2	62·0	34·7	...	...	...	...	...	...	...	...	...
	Bay Islands.																					
1	Car Nicobar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kashmir.																					
14	Jammu	72·9	84·5	...	66·3	...	75·4	...	18·2	110·9	40·6	70·3	36·0	...	185	111	12	7	33	12	5	...
	Kargil	41·1	56·9	...	33·8	...	45·5	...	23·1	96·7	—2·3	99·0	45·0	...	67	73	103	31	...	5	1	85
	Hill stations, exclusive of Kashmir.																					
	Panighatta	71·8	82·5	...	65·4	...	73·9	...	17·1	95·3	48·6	46·7	27·7	...	...	...	...	...	...	...	...	...
	Kurseong	60·2	66·7	...	57·5	...	62·1	...	9·2	80·3	41·4	38·9	20·2	...	...	...	...	...	...	...	...	...
	Gnatong	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lachung	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bingim	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Poo	...	59·5	...	40·3	...	49·9	...	19·2	89·5	2·5	87·0	37·5	147	12	3	44	45	10	28	46	23
	Kailang	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bakloh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Drosh	56·2	71·3	...	51·4	...	61·3	...	19·9	103·2	21·1	82·1	39·3	212	5	37	27	13	26	14	23	2
	Pishin	...	74·1	...	44·8	...	59·5	...	29·3	101·4	16·0	85·4	48·1	...	...	...	...	...	...	...	...	...
	Kalat (h)	58·9	74·5	—1·9	42·8	+4·1	58·7	+1·1	31·7	101·7	11·1	90·6	52·5	...	37	...	13	...	165	...	14	...

(a) Mean of 7 months.
(b) " " 9 "
(c) " " 8 "
(h) Observations of 8 months.

ss stations in India, etc., in the year 1911.

Wind velocity.			Hygrometry, 8 hrs.				Cloud.		Rainfall.							
per hour.	Normal.	Departure from normal.	Mean humidity at 8 hrs. of year.	Departure from normal of year.	Mean vapour tension at 8 hrs in inches of mercury of year.	Departure from normal in inches of mercury of year.	Mean cloud amount at 8 hrs. of year.	Departure from normal of year.	Number of rainy days during year.	Normal number of rainy days during year.	Departure from normal of year.	Total rainfall for the year.	Normal rainfall for the year.	Departure from normal of year.	Heaviest rainfall during the year.	Station.
4	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
																II.—Eastern Bengal and Assam.
..	...	...	91	...	·718	...	...	...	153	...	...	104·48	88·58	+15·90	3·72	Bishnath.
..	...	...	87	...	·695	...	...	...	133	...	...	109·36	77·73	+31·63	3·83	Borjuli.
..	...	...	90	...	·687	...	...	...	134	...	...	121·69	106·52	+15·17	4·40	Chandkhira.
..	...	...	93	...	·635	...	...	...	138	...	...	106·60	96·74	+9·86	3·38	Doom Dooma.
..	...	...	92	...	·669	...	...	...	149	...	...	111·69	102·47	+9·22	3·60	Dikom.
..	...	...	93	...	·737	...	...	...	130	...	...	82·16	65·66	+16·50	4·02	Golaghat.
..	...	...	...	...	...	...	Observations not	received		...	...	...	...	...	...	Hailakandi.
..	...	...	88	...	·692	...	...	...	142	...	...	117·47	76·37	+41·10	5·02	Jorehat.
..	...	...	86	...	·745	...	...	...	130	...	...	106·89	83·62	+23·27	7·19	Messa.
..	...	...	93	...	·643	...	...	...	118	...	...	104·26	74·30	+29·96	12·47	Panerihat.
..	...	...	87	...	·718	...	...	...	134	...	...	123·24	95·88	+27·36	4·33	Srimangal.
..	...	...	77	...	·733	...	...	...	106	...	...	99·31	79·33	+19·98	5·90	Brahmanbaria.
..	...	...	94	...	·727	...	...	...	116	...	...	161·36	154·04	+7·32	8·25	Dam Dim.
..	...	...	80	...	·787	...	...	...	89	...	...	61·59	66·28	—4·69	3·52	Goalundo.
..	...	...	80	...	·717	...	...	...	136	...	...	177·36	150·71	+26·65	9·03	Kalchini.
..	...	...	80	...	·659	...	...	...	147	...	...	185·34	161·05	+24·29	5·90	Nagrakata.
..	...	...	83	...	·758	...	...	...	98	...	...	68·66	60·11	+8·55	4·90	Pabna.
																IV.—United Provinces of Agra and Oudh.
..	...	...	(b) 76		(b) ·744	...	...	...	...	...	...	No	rain gauge		...	Balia.
																XI.—Central Provinces.
3·9	...	...	66	...	·522	...	2·8	...	54	...	...	34·98	...	...	3·56	Chhindwara.
																XIV.—Madras.
..	...	...	77	...	·725	...	5·7	...	30	...	...	17·51	...	...	3·00	Anantapur.
..	...	...	82	...	·834	...	4·8	...	48	...	...	29·37	...	...	3·02	Guntur.
																Bay Islands.
..	...	...	...	...	...	...	...	...	109	...	...	83·39	96·97	—13·58	4·46	Car Nicobar.
																Kashmir.
..	...	...	60	...	·507	...	3·1	...	52	...	...	35·36	...	...	3·22	Jammu.
..	...	...	45	...	·141	...	5·0	...	31	...	...	10·25	...	...	1·70	Kargil.
																Hill stations, exclusive of Kashmir.
..	...	...	73	...	·593	...	...	...	133	...	...	155·52	137·53	+17·99	8·45	Panighatta.
..	...	...	82	...	·450	...	...	...	148	...	...	181·24	153·72	+27·52	8·96	Kurseong.
..	...	...	...	...	...	...	...	...	177	...	...	167·17	...	...	3·96	Gnatong. (d)
..	...	...	...	...	...	...	...	...	89	...	...	40·53	...	...	1·52	Lachung. (i)
..	...	...	...	...	...	...	...	...	111	...	...	96·86	...	...	4·67	Ringim. (§)
..	...	...	...	...	...	...	4·6	...	32	...	...	17·53	14·50	+3·03	1·78	Poo.
..	...	...	...	...	...	...	...	...	40	...	...	26·55	19·26	+7·29	2·90	Kailang. (h)
..	...	...	...	...	...	...	...	...	51	...	...	35·94	...	...	2·52	Bakloh. (§)
..	...	...	59	...	·278	...	3·9	...	56	...	...	19·57	16·94	+2·63	0·81	Drosh.
..	...	...	...	...	...	...	2·2	...	30	...	...	12·47	8·12	+4·35	1·70	Pishin.
..	...	...	59	...	·308	...	...	...	17	...	...	6·03	4·75	+1·28	1·12	Kalat.

(a) Observations of 5 months.
(§) ,, ,, 7 ,,
(b) Mean of 9 months.
(d) Observations of 11 months.
(h) ,, ,, 8 ,,

TABLE

Abstract of observations taken at 8 hrs. at 42 fourth

Number of sub-division.	Station.	Temperature of air.												Wind direction. Number of winds from							
		Mean of 8 hrs. temperature of year.	Mean maximum of year.	Departure from normal of year.	Mean minimum of year.	Departure from normal of year.	Yearly mean of mean between maximum and minimum.	Departure from normal of year.	Mean daily range of temperature.	Highest temperature observed during year.	Lowest temperature observed during year.	Absolute range during year.	Mean monthly absolute range.	Calm.	N.	N. E.	E.	S. E.	S.	S. W.	N. W.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	Extra India.																					
	Ahwaz	...	84·4	...	65·2	...	74·8	...	19·2	117·6	31·8	85·8	36·4	...	...	...	...	...	...	...	...	...
	Birjand (g)	33·3	44·5	...	27·9	...	36·1	...	16·6	61·5	13·4	48·1	39·3	...	...	...	...	...	...	...	...	...
	Chumbi	41·7	57·2	...	36·7	...	47·0	...	20·5	71·6	8·5	63·1	37·5	...	...	...	...	...	...	...	...	...
	Kirmanshah	53·5	66·4	...	38·8	...	54·3	...	27·6	103·4	−8·0	111·4	48·2	...	...	...	...	...	...	...	...	...
	Koweit	...	82·9	...	(e) 68·4	...	(e) 77·2	...	14·5	114·9	26·7	88·2	(e) 33·8	17	26	1	18	27	12	30	66	168
	Maidan (d)	...	86·4	...	59·8	...	73·1	...	26·6	120·2	28·2	92·0	41·4	...	...	...	...	...	...	...	...	...
	Muhammerah	...	83·4	...	64·9	...	74·1	...	18·5	110·2	29·7	80·5	34·4	...	76	1	...	37	36	9	22	100
	Pemba	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Prison Island	...	...	...	...	...	...	Observations not received				...	...	...	...	...	...	...	...	...	...	...

(d) Observations of 11 months.
(g) " " 2 "
(e) Mean of 11 months.

—concld.

lass stations in India, etc., in the year 1911.

Wind velocity.			Hygrometry, 8 hrs.				Cloud.		Rainfall.						Heaviest rainfall during the year.	Station.
Mean velocity in miles per hour.	Normal.	Departure from normal.	Mean humidity at 8 hrs. of year.	Departure from normal of year.	Mean vapour tension at 8 hrs. in inches of mercury of year.	Departure from normal in inches of mercury of year.	Mean cloud amount at 8 hrs. of year.	Departure from normal of year.	Number of rainy days during year.	Normal number of rainy days during year.	Departure from normal of year.	Total rainfall for the year.	Normal rainfall for the year.	Departure from normal of year.		
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
																Extra India.
...	...	...	...	...	...	...	2·2	...	27	...	...	11·82	...	...	1·00	Ahwaz.
...	...	...	71	...	·137	...	3·1	...	9	...	...	3·01	...	...	0·90	Birjand.
(e) 7·2	...	...	80	...	·234	...	2·0	...	122	...	...	45·33	...	...	1·20	Chumbi.
...	...	...	51	...	·223	...	...	...	53	...	...	24·21	...	...	1·50	Kirmanshah.
...	...	...	...	...	...	...	2·3	...	21	...	...	7·03	...	...	0·90	Koweit.
...	...	...	...	...	...	...	...	...	39	...	...	19·74	...	...	1·30	Maidan.
...	...	...	...	...	...	...	...	...	29	...	...	11·87	...	...	1·10	Muhammerah.
...	...	...	...	...	...	...	...	...	?	...	...	83·20	83·58	—0·39	?	Pemba.
...	...	...	...	...	...	...	Observations not received			...	...	...	...	...	...	Prison Island.

(e) Mean of 11 months.

Addenda sheet of 10 hrs. and 16 hrs. Observations in Table A for 1908, 1909 and 1910.

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Table

Abstract of observations taken at 10 hrs. and 16 hrs.

Number sub-division.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure. Mean of 10 hrs.	Pressure. Mean of 16 hrs.	Pressure. Mean daily range.	Pressure. Mean of daily mean pressures.	Pressure. Departure from normal.	Pressure. Mean reduced to S. L. and gravity at 45° Lat.	Temperature of air. Mean maximum.	Temperature of air. Mean minimum.	Temperature of air. Mean daily range.	Temperature of air. Highest maximum.	Temperature of air. Lowest minimum.	Temperature of air. Absolute range.	Temperature of air. Mean 10 hrs.	Temperature of air. Mean 16 hrs.	Temperature of air. Mean of daily means.	Temperature of air. Departure from normal.	Temperature, Wet-bulb. Mean minimum.	Temperature, Wet-bulb. Mean 10 hrs.	Temperature, Wet-bulb. Mean 16 hrs.	Temperature, Wet-bulb. Mean of three previous columns.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	0	21	22	23
	Extra India.																					
	1908.																					
Diego Garcia.	September ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	October ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	November ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	December ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	1909.																					
Diego Garcia.	January ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	February ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	March ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	April ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	May ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	June ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	July ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	August ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	September ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	October ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	November ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	December ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	1910.																					
Diego Garcia.	January ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	February ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	March ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	April ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	May ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	June ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	July ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	August ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	September ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	October ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	November ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	December ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

A.

at Diego Garcia in 1908, 1909 and 1910.

Vapour tension in inches of mercury: From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	Humidity: From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	Cloud: Mean 9 hrs.	Mean 15 hrs.	Mean of two previous columns.	Departure from normal.	Wind direction: Total number of 9 hrs. and 15 hrs. winds from: Calm.	N.	N. E.	E.	S. E.	S.	S. W.	W.	N. W.	Mean wind direction.	Normal mean wind direction of month.	Wind steadiness: Average percentage.	Normal percentage.	Wind velocity: Mean velocity in miles per diem.	Normal.	Rainfall: Total rainfall for the month.	Heaviest rainfall during the month.	Station.	Number of sub-division.
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	54	55	56
																															Extra India.	
																															1908.	
...	...	...	...	...	...	...	...	...	...	6·2	(b) 5·9	(b) 6·0	...	...	...	1	7	43	8	...	...	...	S45°E	...	92	...	136	...	4·51	0·98	September* ...	Diego Garcia. ...
...	...	...	...	...	...	...	...	...	...	5·2	6·0	5·6	...	...	...	2	15	27	7	4	2	5	S48°E	...	58	...	107	...	11·90	2·63	October* ...	...
...	...	...	...	...	...	...	...	...	...	5·0	(b) 5·7	(b) 5·4	...	1	8	3	...	8	12	6	13	9	S71°W	...	28	...	118	...	10·89	2·56	November* ...	...
...	...	...	...	...	...	...	...	...	...	3·3	3·9	3·6	...	...	4	...	9	27	9	6	4	3	S34°E	...	52	...	101	...	1·92	0·65	December* ...	...
																															1909.	
...	...	...	...	...	...	...	...	...	...	6·2	(b) 6·6	(b) 6·3	...	2	7	1	2	2	2	2	16	26	N56°W	...	63	...	156	...	15·40	2·38	January§ ...	Diego Garcia. ...
...	...	...	...	...	...	...	...	...	...	4·8	5·7	5·3	...	...	3	2	2	5	2	10	17	15	N85°W	...	50	...	126	...	11·82	3·85	February ...	...
...	...	...	...	...	...	...	...	...	...	3·8	4·3	4·1	...	...	3	...	...	...	...	4	19	36	N62°W	...	87	...	147	...	5·39	1·45	March ...	...
...	...	...	...	...	...	...	...	...	...	3·0	3·8	3·4	...	...	6	3	5	13	8	10	10	4	S15°W	...	23	...	52	...	3·94	2·03	April† ...	...
...	...	...	...	...	...	...	...	...	...	3·1	4·1	3·6	...	1	1	...	1	26	19	8	1	5	S13°E	...	64	...	109	...	2·12	1·58	May ...	...
...	...	...	...	...	...	...	...	...	...	4·1	5·3	4·7	...	...	...	3	11	33	9	...	...	4	S51°E	...	72	...	158	...	7·09	3·43	June ...	...
...	...	...	...	...	...	...	...	...	...	3·2	3·8	3·5	...	...	...	...	13	40	19	...	...	...	S48°E	...	90	...	193	...	2·85	2·00	July ...	...
...	...	...	...	...	...	...	...	...	...	4·6	(a) 4·9	(a) 4·1	...	2	1	3	15	23	15	1	1	1	S48°E	...	68	...	145	...	4·43	1·92	August ...	...
...	...	...	...	...	...	...	...	...	...	(c) 4·1	(d) 4·5	(d) 4·3	...	...	...	...	4	40	10	...	...	...	S40°E	...	92	...	137	...	1·83	0·60	September††	...
...	...	...	...	...	...	...	...	...	...	5·1	6·3	5·7	...	...	2	1	5	25	19	7	1	2	S23°E	...	66	...	118	...	9·00	2·30	October ...	...
...	...	...	...	...	...	...	...	...	...	4·9	4·2	4·5	...	3	4	2	4	16	8	8	6	9	S5°W	...	22	...	85	...	4·02	0·96	November ...	...
...	...	...	...	...	...	...	...	...	...	3·9	4·3	4·1	...	2	2	5	4	26	7	6	6	4	S31°E	...	40	...	88	...	3·95	1·94	December ...	...
																															1910.	
...	...	...	...	...	...	...	...	...	...	5·7	(a) 6·6	(a) 6·1	...	1	4	2	...	...	..	6	23	25	N67°W	...	76	...	137	...	13·68	3·90	January† ...	Diego Garcia. ...
...	...	...	...	...	...	...	...	...	...	6·1	(b) 6·8	(d) 5·5	...	...	1	1	...	...	2	8	22	21	N78°W	...	78	...	137	...	5·55	1·10	February†...	...
...	...	...	...	...	...	...	...	...	...	(a) 3·8	3·7	(a) 3·8	...	1	1	6	4	21	6	8	8	6	S17° E	...	30	...	73	...	5·55	1·65	March† ...	...
...	...	...	...	...	...	...	...	...	...	(b) 4·4	(b) 5·5	(b) 5·0	...	..	1	4	4	13	4	7	13	12	S61°W	...	20	...	87	...	3·44	0·87	April§ ...	...
...	...	...	...	...	...	...	...	...	...	4·7	4·9	4·8	...	3	...	1	4	43	3	2	1	...	S40°E	...	82	...	118	...	1·97	0·46	May ...	...
...	...	...	...	...	...	...	...	...	...	4·7	(c) 5·9	(c) 5·2	...	...	1	2	5	12	8	...	...	...	S46°E	...	87	...	112	...	14·00	3·50	June§ ...	...
...	...	...	...	...	...	...	...	...	...	5·8	5·4	5·6	...	...	...	3	1	45	12	1	...	...	S39°E	...	87	...	144	...	1·39	0·40	July ...	...
...	...	...	...	...	...	...	...	...	...	5·7	5·2	5·5	...	...	...	...	17	28	14	3	...	...	S41°E	...	81	...	168	...	1·77	0·43	August ...	...
...	...	...	...	...	...	...	...	...	...	5·3	(b) 6·2	(b) 5·8	...	...	...	1	4	35	15	4	..	...	S33°E	...	85	...	126	...	12·62	4·90	September†	...
...	...	...	...	...	...	...	...	...	...	5·2	(a) 5·7	(a) 5·5	...	...	...	...	...	18	22	19	1	1	S3°W	...	78	...	112	...	10·27	4·80	October† ...	...
...	...	...	...	...	...	...	...	...	...	3·0	3·5	3·3	...	4	..	...	7	2	8	8	4	4	S23°E	...	52	...	75	...	3·09	1·20	November...	...
...	...	...	...	...	...	...	...	...	...	3·8	3·6	3·7	...	1	...	1	3	19	15	9	9	5	S3°W	...	48	...	84	...	0·94	0·30	December	...

(a) Mean of 30 days.
(b) " " 29 "
(c) " " 28 "
(d) " " 26 "

* Observations of 9 hrs and 15 hrs.
†† Wind observations 6 less.
§ " " 2 "
† " " 1 "

SUPPLEMENTARY SHEET.

TABLE A.

Abstract of observations taken at 10 hrs. and 16 hrs. at Diego Garcia in the years 1908, 1909 and 1910.

Number of sub-division.	Station.	Cloud.				Rainfall.		Station.	Number of sub-division.
		Mean 9 hrs.	Mean 15 hrs.	Mean of two previous columns.	Departure from normal.	Total rainfall for the year.	Heaviest rainfall during the year.		
1	2	3	4	5	6	7	8	9	10
	Extra India.							**Extra India.**	
	Diego Garcia 1908	5·0†	5·1†	5·1†	...	43·61‡	4·34§	Diego Garcia* 1908	
	Ditto 1909	4·2	4·8	4·5	...	64·56	3·85	Ditto* 1909	
	Ditto 1910	4·8	5·2	5·0	...	74·27	4·93	Ditto* 1910	

* Observations of 9 hrs and 15 hrs. † Mean of 7 months. ‡ Total rainfall from June to December 1908.
§ Heaviest rainfall from June to December 1908.

Addenda sheet of 10 hrs. and 16 hrs. Observations in Table A of 1911, Monthly Weather Review.

I78MRGI

Addenda sheet of 10 hrs. and 16 hrs. observations

Number of sub-division.	Station.	Elevation of bar-cistern above sea-level, in feet.	Pressure. Mean of 10 hrs.	Mean of 16 hrs.	Mean daily range.	Mean of daily mean pressures.	Departure from normal.	Mean reduced to sea-level and gravity, 45° Lat.	Temperature of air. Mean maximum.	Mean minimum.	Mean daily range.	Highest maximum.	Lowest minimum.	Absolute range.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	Temperature, Wet-bulb. Mean minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of three previous columns.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	January 1911.																					
	Kodaikanal	7,688	22·865	22·832	·063	22·833	...	22·768	65·2	48·2	17·0	71·9	43·0	28·9	60·2	59·4	56·6	...	38·8	47·5	51·9	46·0
	Diego Garcia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Mauritius	181	...	...	..	29·718	−·039	29·842	...	...	...	87·7	68·7	19·0	...	...	78·1	− 0·4	...	...	...	74·2
	February 1911.																					
	Kodaikanal	7,688	22·901	22·834	·067	22·867	...	22·802	66·7	45·2	21·5	74·2	39·8	34·4	59·8	60·4	55·9	...	37·5	47·0	51·7	45·4
	Diego Garcia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Mauritius	181	...	...	...	29·722	−·015	29·847	...	...	...	85·6	67·0	18·6	...	...	77·2	− 1·3	...	...	...	73·5
	March 1911.																					
	Kodaikanal	7,688	22·893	22·823	·070	22·858	...	22·793	70·0	50·6	19·4	73·4	46·0	27·4	65·5	62·6	60·3	...	43·9	52·4	54·4	50·2
	Diego Garcia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Mauritius	181	...	...	...	29·704	−·061	29·831	...	...	...	85·3	65·2	20·1	...	...	76·2	− 1·3	...	...	...	72·6
	April 1911.																					
	Kodaikanal	7,688	22·873	22·806	·067	22·839	...	22·775	71·3	51·9	19·4	74·9	51·6	23·3	67·5	63·1	63·1	...	47·6	55·3	56·2	53·0
	Diego Garcia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Mauritius	181	...	...	...	29·874	+·054	30·003	...	...	...	81·9	62·3	19·6	...	...	73·2	− 2·1	...	...	...	68·9
	May 1911.																					
	Kodaikanal	7,688	22·842	22·774	·068	22·808	...	22·743	70·2	54·8	15·4	74·4	50·8	23·6	67·3	62·9	62·5	...	50·3	57·6	57·6	55·2
	Diego Garcia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Mauritius	181	...	...	...	29·857	−·036	29·986	...	...	...	80·6	55·2	25·4	...	...	70·6	− 1·4	...	...	...	66·1
	June 1911.																					
	Diego Garcia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Mauritius	181	...	...	...	29·946	−·024	30·077	...	...	...	80·3	54·8	25·5	...	...	68·7	− 0·1	...	...	...	64·0
	July 1911.																					
	Diego Garcia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Mauritius	181	...	...	...	30·051	+·040	30·172	...	...	...	77·3	56·1	21·2	...	...	67·3	− 0·3	...	...	...	61·8
	August 1911.																					
	Diego Garcia	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Mauritius	181	...	...	...	30·001	−·013	30·121	...	...	...	79·5	55·3	24·2	...	...	67·9	0	...	...	...	63·0
	September 1911.																					
	Diego Garcia	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Mauritius	181	...	...	...	30·014	+·015	30·133	...	...	...	81·2	57·3	23·9	...	...	69·6	+ 0·2	...	—	...	63·6
	October 1911.																					
	Diego Garcia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Mauritius	181	...	...	...	29·979	+·032	30·098	...	...	...	84·4	55·7	28·7	...	...	70·8	− 1·1	...	...	...	64·[illegible]
	November 1911.																					
	Diego Garcia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Mauritius	181	...	...	...	29·836	−·045	29·952	...	...	...	91·1	60·6	30·5	...	...	75·0	+ 0·1	...	...	...	68·[illegible]
	December 1911.																					
	Diego Garcia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Mauritius	*181	...	...	...	29·820	+·004	29·934	...	...	...	92·3	68·0	24·3	...	...	79·1	+ 1·5	...	...	...	72·[illegible]

N.B.—Elevations in italics indicate barometric determinations.
Note.—The barometric readings are not reduced to sea-level, in the case of hill or plateau stations, the elevations of which exceed 3,200 feet.

n Table A of 1911, Monthly Weather Review.

Vapour tension in inches of mercury.					Humidity.					Cloud.				Wind direction.											Wind steadiness.		Wind velocity.		Rainfall.		Station.
From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	Mean 10 hrs.	Mean 16 hrs.	Mean of two previous columns.	Departure from normal.	Total number of 10 hrs. and 16 hrs. winds from: Calm.	N.	N. E.	E.	S. E.	S.	S. W.	W.	N. W.	Mean wind direction.	Normal mean wind direction of month.	Average percentage.	Normal percentage.	Mean velocity in miles per diem.	Normal.	Total rainfall for the month.	Heaviest rainfall during the month.	
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	54	55
																															January 1911.
62	·205	·314	·227	...	47	42	63	51	—	2·9	4·6	3·7	...	.	3	8	29	22	2	...	2	5	S81°E	...	% 58	% ...	370*	...	0·21	0·17	Kodaikanal.
..	...	...	...	...	...	...	...	...	...	‡ 6·1	†† 5·7	5·0	...	1	8	10	1 3	14	†† 2	4	4	15	N18°W	...	18	...	106	...	15·78	4·21	Diego Garcia.
..	...	...	·769	+·031	...	...	...	80	+ 4	...	...	6·5	+0·5	...	...	...	...	...	...	...	...	...	N70°E	S87°E	...	...	175*	2·2	8·09	2·01	Mauritius.
																															February 1911.
52	·198	·299	·216	...	51	41	59	50	...	1·6	3·5	2·5	...	.	6	8	11	17	5	...	...	9	N87°E	...	39	...	265*	...	0·24	0·15	Kodaikanal.
..	...	...	...	...	...	...	...	...	...	** 5·8	†† 5·5	5·7	...	1	4	1	...	...	...	3	20	27	N62°W	...	82	...	99	...	8·18	3·00	Diego Garcia.
..	...	...	·758	—·002	...	...	...	81	+ 2	...	...	6·9	+1·0	...	...	...	...	...	...	...	...	...	N73°E	S83°E	...	...	317*	222	12·67	4·47	Mauritius.
																															March 1911.
26	·266	·343	·278	...	60	43	61	55	...	1·8	5·8	3·8	...	..	10	17	10	17	5	.	..	2	N70°E	...	53	...	273*	...	0·14	0·06	Kodaikanal.
..	...	...	...	...	...	...	...	...	...	** 4·5	†† 4·4	4·5	...	1	3	11	** 4	8	†† 3	8	12	12	N61°W	...	16	...	92	...	5·12	1·65	Diego Garcia.
..	...	...	·734	—·020	...	...	...	81	0	...	...	6·8	+0·7	.	..	...	...	.	...	...	...	...	S70°E	S82°E	...	...	306*	226	12·13	4·25	Mauritius.
																															April 1911.
69	·318	·384	·324	...	63	48	68	60	...	2·7	6·7	4·7	...	..	12	13	15	10	1	.	..	3	N54°E	...	52	...	288*	...	4·37	1·18	Kodaikanal.
..	...	...	...	...	...	...	...	...	...	** 3·9	†† 4·7	4·3	...	1		2	* 1	13	†† 3	7	18	15	S77°W	...	38	...	97	...	4·07	0·87	Diego Garcia.
..	...	...	·634	—·060	...	...	...	77	— 2	...	...	5·2	0	...	...	...	...	...	...	...	...	...	S67°E	S72°E	...	...	309*	218	1·83	1·14	Mauritius.
																															May 1911.
27	·378	·424	·377	...	76	57	74	69	...	4·1	7·8	5·9	...	...	7	10	11	17	.	..	5	9	N69°E	...	37	...	259*	...	9·70	1·69	Kodaikanal.
..	...	...	...	...	...	...	...	...	...	** 5·2	†† 5·8	a 5·6	...	9	...	7	9	27	†† 7	2	...	1	S55°E	...	61	...	72	...	10·38	2·20	Diego Garcia.
..	...	...	·572	—·034	...	...	...	77	0	...	...	4·3	—0·5	.	..	...	...	...	...	...	...	...	S54°E	S64°E	...	...	234*	217	1·15	0·81	Mauritius.
																															June 1911.
..	...	...	...	...	...	...	...	...	...	** 4·5	††b 4·9	b 4·7	...	2	...	1	** 5	25	†† 8	6	2	..	S24°E	...	73	...	99	...	2·24	1·52	Diego Garcia.†
..	...	...	·525	—·011	...	...	...	75	— 2	...	...	4·9	+0·3	.	..	...	...	...	...	...	...	...	S53°E	S63°E	...	...	238*	239	3·86	2·79	Mauritius.
																															July 1911.
..	...	...	...	...	...	...	...	...	...	** 3·6	†† 2·9	3·3	...	..	1	2	** 6	39	†† 8	2	1	3	S43°E	...	72	...	135	...	0·34	0·13	Diego Garcia.
..	...	...	·474	—·037	...	...	...	71	— 4	...	...	5·5	+0·7	...	...	...	...	...	...	...	...	...	S59°E	S64°E	...	...	308*	253	0·69	0·10	Mauritius.
																															August 1911.
..	...	...	...	...	...	..	...	...	...	** 4·3	††a 5·9	a 5·1	...	.	...	1	‡ 3	47	†† 6	1	1	2	S42°E	...	83	...	142	...	11·33	2·90	Diego Garcia.
..	...	...	·504	+·001	...	...	...	74	0	...	...	5·3	+0·2	...	...	...	...	...	...	...	...	...	S66°E	S66°E	...	...	297*	254	1·11	0·25	Mauritius.
																															September 1911.
..	...	...	...	...	...	...	...	...	...	**e 3·9	b ‡ 3·7	f 3·7	...	..	...	.	*• 8	30	†† 5	2	...	...	S45°E	...	87	...	91	...	2·74	0·65	Diego Garcia.‡
..	...	...	·508	—·005	...	...	...	70	— 2	...	...	5·3	+0·2	.	...	...	...	...	...	...	...	...	S74°E	S71°E	...	...	284*	255	1·09	0·51	Mauritius.
																															October 1911.
..	...	...	...	...	...	...	...	...	...	**a 5·1	††d 5·5	d 5·3	...	3	1	11	** 2	26	†† 11	..	...	...	S54°E	...	64	...	93	...	9·08	3·00	Diego Garcia.§
..	...	...	·502	—·045	...	...	...	67	— 3	...	...	4·6	—0·6	...	...	...	...	..	.	...	...	...	S77°E	S79°E	...	...	260*	245	0·32	0·09	Mauritius.
																															November 1911.
..	...	...	...	...	...	...	...	...	...	c** 7·5	g†† 7·6	g 7·5	...	..	2	7	** 6	13	†† 4	...	...	...	S73°E	...	66	...	92	...	23·07	4·90	Diego Garcia.‖
..	...	...	·577	—·023	...	...	...	67	— 2	...	...	5·0	0	.	...	...	...	...	...	...	...	...	S68°E	S84°E	...	...	252*	234	0·26	0·17	Mauritius.
																															December 1911.
..	...	...	...	...	...	...	...	...	...	** 5·8	*†† 5·7	* 5·7	...	1	1	27	** 3	19	†† 5	...	...	...	N87°E	...	62	...	102	...	8·70	2·00	Diego Garcia.¶
—	...	...	·685	+·002	...	...	...	69	— 3	...	...	5·8	+0·2	...	...	...			..	...	...	...	S83°E	S88°E	...	...	249*	228	3·09	0·85	Mauritius.

* Uncorrected for scale error
† Wind variable 1.

(a) Mean of 30 days.
(b) „ 29 „
(c) „ 26 „
(d) „ 24 „
(e) „ 23 „

(f) Mean of 22 days.
(g) „ 19 „
* „ 25 „
* Wind observations 1 less.
‡ „ „ 15 „

§ Wind observations 8 less.
‖ „ „ 28 „
¶ „ „ 6 „
** Mean of 9 hrs.
†† „ 15 „

Addenda sheet of 8 hrs. observations in Table B of 1911, Monthly Weather Review.

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Addenda sheet of 8 hrs. observations in Table B

Number of Sub-division.	Station.	Elevation of bar. cistern above sea level, in feet.	Pressure, 8 hrs., in inches.								Temperature of air.												
			Mean 8 hrs. pressure reduced to 32°.	Departure from normal.	Mean 8 hrs., pressure reduced to sea-level and to constant gravity 45° Lat.	Highest pressure recorded during month.	Date.	Lowest pressure recorded during month.	Date.	Total range of pressure during month.	Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	January 1911.																						
	Gartok (*c*) ...	14,140	17·559	...	...	17·600	8 days	17·475	29th	·125	8·8	21·6	...	−2·4	...	9·6	...	24·0	34·7	21st	−27·9	27th	62·6
	February 1911.																						
	Singapore (*a*) ...	10	29·991	...	29·922	30·089	25th	29·890	1st	·199	82·1	89·7	...	72·6	...	81·1	...	17·1	91·8	28th	69·2	26th	22·6
	Kerman ...	...	...	...	...	...	...	...	...	...	37·0	57·3	...	27·6	...	42·4	...	29·7	69·7	9th	15·5	1st	54·2
	March 1911.																						
	Singapore (*a*) ...	10	29·958	...	29·889	30·034	26th	29·896	7th	·138	84·3	90·2	...	72·5	...	81·3	...	17·7	92·5	20th	70·0	16th	22·5
	Penang (*a*) ...	20	29·964	...	29·909	30·074	28th	29·881	14th	·193	82·9	91·8	...	74·5	...	83·1	...	17·3	94·0	5 days	70·0	16th	24·0
	May 1911.																						
	Amini Divi ...	13	29·872	−·009	29·813	29·963	6th	29·748	23rd	·215	85·7	92·8	+2·7	81·0	+0·4	86·9	+1·5	11·8	96·0	6th	78·[illegible]	6th, 14th and 16th	17·9
	September 1911.																						
	Ispahan (*b*) ...	5,817	24·296	...	...	24·430	28th	24·140	9th	·290	70·2	90·5	+0·1	58·0	+2·9	74·3	+1·5	32·5	97·4	7th	51·7	26th	45·7

(*a*) 9 hrs. observations.
(*b*) Aneroid uncorrected.
(*c*) „ corrected.

of 1911, Monthly Weather Review.

Wind direction. Number of winds from: Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Resultant direction.	Normal direction.	Wind velocity. Mean velocity, miles per hour.	Normal.	Departure from normal.	Wind steadiness. Actual percentage.	Departure from normal.	Hygrometry, 8 hrs. Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs. in inches of mercury.	Departure from normal in inches of mercury.	Cloud. Mean cloud amount at 8 hrs.	Departure from normal.	Rainfall. Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall for period.	Normal rainfall for period.	Departure from normal.	Heaviest rainfall during month.	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	54	55	56	57
																																January 1911.
12	...	...	...	8	9	2	...	...	S14°E	...	10·3	...	...	55	...	...	..	...	...	5·2	...	0	...	...	0	...	...	(d) 0	...	...	0	Gartok.
																																February 191
2	8	15	..	...	...	...	...	3	N23°E	...	7·3*	...	...	82	...	...	...	...	...	3·0	...	5	...	...	2·55	...	...	(d) 22·75	...	...	1·22	Singapore.
..	4	3	6	4	4	2	4	1	S79°E	...	5·0	...	...	18	...	47	...	·114	...	1·1	...	1	...	...	0·54	...	...	(d) 4·01	...	...	0·54	Kerman.
																																March 191
5	..	18	1	...	...	..	...	7	N27°E	...	8·9*	...	...	62	...	...	...	...	...	3·3	...	2	...	...	0·96	...	...	(d) 23·71	...	...	0·56	Singapore.
..	7	13	3	1	5	...	...	2	N44°E	...	11·0*	...	...	53	...	...	...	...	...	3·6	...	8	...	...	3·62	...	...	(d) 12·31	...	...	1·52	Penang.
																																May 1911.
1	5	...	...	1	...	3	3	18	N49°W	...	8·7	...	...	74	...	71	—6	·679	—·053	5·0	—0·7	1	...	...	0·35	3·14	—2·79	(e) 0·35	3·14	—2·79	0·22	Amini Divi.
																																September 1
23	...	1		1	...	3	1	1	S63°W	N72° W	2·6	3·4	—0·8	7	—27	44	—4	·337	—·038	0	—0·3	0	...	...	0	0·03	—0·03	(e) 0·05	0·33	—0·28	0	Ispahan.

* Uncorrected for scale error.

(d) = total rainfall from 1st December 1910 to date.
(e) = " " " " May 1911 to date.

Addenda sheet of 8 hrs. Observations in Table C. of 1911, Monthly Weather Review.

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Addenda sheet of 8 hrs. observations i

Number of sub-division.	Station.	Temperature of air.												
		Mean of 8 hrs. temperature.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Monthly mean of mean between maximum and minimum.	Departure from normal.	Mean daily range of temperature.	Highest temperature observed during month.	Date.	Lowest temperature observed during month.	Date.	Absolute range during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	January 1911.													
	Ringim	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kailang	...	...	...	...	...	...	...	...	...	...	...	...	...
	Maidan	...	50·5	...	31·9	...	41·2	...	18·6	60·2	3rd	30·2	4 days	30·0
	Pemba	...	...	...	...	...	...	...	...	...	...	...	...	...
	February 1911.													
	Ringim	...	...	...	...	...	...	...	...	...	...	...	...	...
	Maidan	...	58·9	...	29·2	...	44·1	...	29·7	66·2	9th	28·2	7 days	38·0
	March 1911.													
	Maidan	...	67·0	...	40·1	...	53·5	...	26·9	77·2	26th	28·2	13 days	49·0
	April 1911.													
	Maidan	...	76·1	...	58·4	...	67·2	...	17·7	87·2	12th	47·2	1st & 2nd	40·0
	May 1911.													
	Car-Nicobar	...	...	...	...	...	...	...	...	...	...	...	...	...
	Ringim	...	...	...	...	...	...	...	...	...	...	...	...	...
	June 1911.													
	Car-Nicobar	...	...	...	...	...	...	...	...	...	...	...	...	...
	December 1911.													
	Lachung	...	...	...	...	...	...	...	...	...	...	...	...	...

ble C. of 1911, Monthly Weather Review.

Wind direction.										Wind velocity.			Wind steadiness.		Hygrometry, 8 hrs.				Cloud.		Rainfall.									
Number of winds from																														
N.	N. E.	E.	S. E.	S.	S. W.	W.	N. W.	Resultant direction.	Normal direction.	Mean velocity, miles per hour.	Normal.	Departure from normal.	Actual percentage.	Departure from normal.	Mean humidity at 8 hrs.	Departure from normal.	Mean vapour tension at 8 hrs. in inches of mercury.	Departure from normal in inches of mercury.	Mean cloud amount at 8 hrs.	Departure from normal.	Number of rainy days.	Normal number of rainy days.	Departure from normal.	Rainfall of month.	Normal rainfall of month.	Departure from normal.	Total rainfall for period.	Normal rainfall for period.	Departure from normal of period.	Heaviest rainfall during month.	Station.
17	18	19	20	21	22	23	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
																															January 1911.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1·35	...	...	(d) 3·19	...	...	1·09	Ringim.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		14	...	...	8·78	...	...	(d) 10·59	...	...	2·50	Kallang.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10	...	...	5·26	...	...	?	...	...	1·30	Maidan.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	0·40	...	...	(d) 6·15	...	...	0·40	Pemba.
																															February 1911.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	...	...	3·70	...	...	(d) 6·89	...	...	1·41	Ringim
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	...	...	2·88	...	...	?	...	...	0·73	Maidan.
																															March 1911.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10	...	...	3·88	...	...	?	...	...	1·11	Maidan.
																															April 1911.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	...	...	3·86	...	...	?	...	...	1·35	Maidan.
																															May 1911.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	14	...	...	14·80	11·91	+2·89	(e) 14·80	11·91	+2·89	4·46	Car-Nicobar.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	22	...	...	20·19	...	...	(e) 20·19	...	...	3·48	Bingim.
																															June 1911.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	13	...	...	7·61	12·71	−5·10	(e) 22·41	24·62	−2·21	1·86	Car-Nicobar.
																															December 1911.
...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	0	...	...	0·04	...	...	(d) 0·04	...	...	0·04	Lachung.

(d) = Total rainfall from 1st December 1910 to date.
(e) = " " " " May 1911 to date.

Corrigenda in the India Monthly Weather Reviews for the year 1911.

TEXT.

Page.	Column.	Part.	Correction.
11	...	January 1911 ...	*For* "3·29, +2·31 and +236" *read* "3·31, +2·33 and +240" respectively against United Provinces West, in the figure columns 3, 5 and 6 of table 16.
Do.	...	Do. ...	*For* "3·96, +2·67 and +207" *read* "3·97, +2·68 and +208" respectively against Punjab, East and North, in the figure columns 3, 5 and 6 of table 16.
Do.	...	Do. ...	*For* "3·9, 0·52, +0·79 and +152" *read* "4·0, 0·54, +0·77 and +143" respectively against Punjab, South West, in the figure columns 1, 4, 5 and 6 of table 16.
12	...	Do. ...	*For* "0·70 and —0·54" *read* "0·71 and —0·55" respectively against Madras, Southeast, in the figure columns 4 and 5 of table 16.
12	1	Do. ...	*For* "2·43, +1·57 and +183" *read* "2·44, +1·58, and +184" respectively against United Provinces in the figure columns 1, 3 and 4 of table 17.
Do.	Do.	Do. ...	*For* "3·42, +2·29 and +203" *read* "3·41, +2·28 and +202" respectively against Punjab in the figure columns 1, 3 and 4 of table 17.
22	...	February ...	*For* "0·8" *read* "0·7" against Punjab, East and North, in the figure column 1 of table 16.
23	...	Do. ...	*For* "0·50 and —0·47" *read* "0·49 and —0·46" respectively against Madras, Southeast, in the figure columns 4 and 5 of table 16.
Do.	2	Do. ...	*For* "0·41 and —0·38" *read* "0·40 and —0·37" respectively against Madras in the figure columns 2 and 3 of table 17.
30	..	March ...	*For* "—11" *read* "+11" against United Provinces in the figure column 2 of table 12.
32	...	Do. ...	*For* "0·17, 0·44, —0·27 and —61" *read* "0·18, 0·43, —0·25 and —58" respectively against Madras Southeast in the figure columns 3, 4, 5 and 6 of table 14.
37	2	April ..	*For* "—0·05" *read* "—0·53" against rainfall departure from normal in the figure column 1 of table 8.
43	Do.	Do. ...	*For* "1·11, —0·20 and —15" *read* "1·08, —0·23 and —18" respectively against Madras, Southeast, in the figure columns 3, 5 and 6 of table 16.
Do.	Do.	Do. ...	*For* "0·86, —0·36 and —30" *read* "0·84, —0·38 and —31" respectively against Madras in the figure columns 1, 3 and 4 of table 17.
52	...	May ...	*For* "0·07, —0·58 and —89" *read* "0·06, —0·59 and —90" respectively against Punjab, East and North, in the figure columns 3, 5 and 6 of table 16.
Do.	...	Do. ...	*For* "2·51, —0·27 and —10" *read* "2·52, —0·26 and —9" respectively against Madras, Southeast, in the figure columns 3, 5 and 6 of table 16.
53	1	Do. ...	*For* "0·09, —0·51 and —85" *read* "0·08, —0·52, and —87" respectively against Punjab in the figure columns 1, 3 and 4 of table 17.
Do.	2	Do. ...	*For* "2·31, 2·87 and —20" *read* "2·32, 2·88 and —19" respectively against Madras in the figure columns 1, 2 and 4 of table 17.
58	1	June ...	*For* "+·007" *read* "+·006" against Burma in the figure column 1 of table 9.
61	2	Do. ...	*For* "—1·3" *read* "0" against Mysore in the figure column 6 of table 14.
62	...	Do. ...	*For* "3·80 and —1·54" *read* "3·81 and —1·53" respectively against United Provinces East, in the figure columns 3 and 5 of table 15.

Corrigenda in the India Monthly Weather Reviews for the year 1911.

TEXT—*concld.*

Page.	Column.	Part.	Correction.
62	...	June 1911 ...	*For* "1·49, +0·78 and +110" *read* "1·46, +0·75 and +106" respectively against Punjab, Southwest in the figure columns 3, 5 and 6 of table 15.
62	...	Do. ...	*For* "6·8, 6·9, 4·87, 6·80, —1·93 and —28" *read* "6·4, 6·7, 4·57, 6·59, —2·02 and —31 respectively against Central India West in the figure columns 1 to 6 of table 15.
63	1	Do. ...	*For* "2·20 and +0·17" *read* "2·19 and +0·16" respectively against Punjab in the figure columns 1 and 3 of table 16.
Do.	2	Do. ...	*For* "4·91, 6·98, —2·07 and —30" *read* "4·72, 6·84, —2·12 and —31" respectively against Central India in the figure columns 1, 2, 3 and 4 of table 16.
73	...	July ...	*For* "3·21 and —8·76" *read* "3·22 and —8·75" respectively against United Provinces, East in the figure columns 3 and 5 of table 17.
74	...	Do. ...	*For* "1·60 and 2·07" *read* 1·61 and 2·08" respectively against Madras, Southeast, in the figure columns 3 and 4 of table 17.
Do.	...	Do. ...	*For* "5·85, 6·86 and —1·01" *read* "5·86, 6·88 and —1·02" respectively against Madras, in the figure columns 1, 2 and 3 of table 18.
95	...	September ...	*For* "15·55 and +8·76" *read* "15·56 and +8·77" respectively against United Provinces East, in the figure columns 3 and 5 of table 14.
Do.	...	Do. ...	*For* "10·56, +2·60 and +33" *read* "10·29, +2·33 and +29" respectively against Central Provinces, West, in the figure columns 3, 5 and 6 of table 14.
96	1	Do. ...	*For* "14·37 and +8·02" *read* "14·38 and +8·03" respectively against United Provinces, in the figure columns 1 and 3 of table 15.
Do.	...	Do. ...	*For* "7·09, —0·08 and 1" *read* "6·99, —0·18 and —2" respectively against Central Provinces in the figure columns 1, 3 and 4 of table 15.
105	...	October ...	*For* "0·23 +0·04 and +21" *read* "0·27, +0·08 and +42" respectively against Rajputana, East, in the figure columns 3, 5 and 6 of table 14.
Do.	...	Do. ...	*For* "6·9, 4·90, 7·16, —2·26 and —32" *read* "7·0, 4·92, 7·17, —2·25 and —31" respectively against Madras, Southeast, in the figure columns 1, 3, 4, 5 and 6 of table 14.
106	2	Do. ...	*For* "0·24, +0·08 and +50" *read* "0·27, +0·11 and +69" respectively against Rajputana, in the figure columns 1, 3 and 4 of table 15.
Do.	2	Do. ...	*For* "5·21 and —1·90" *read* "5·22 and —1·89" respectively against Madras, in the figure columns 1 and 3 of table 15.
114	...	November ...	*For* "—·09" *read* "—0·9" against Central Provinces, West, in the figure column 6 of table 11.

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Tables A, B and C.

Page.	Part.	Table.	Meteorological Province or station.	Heading.	Column No.	Correction.
ii	January 1911 .	A	Hyderabad . .	Pressure . .	4, 5 and 7 to 9.	*For* "28·329, 28·208, 28·263, — ·028 and 29·906" *read* "28·333, 28·212, 28·267, — ·024 and 29·910" respectively.
ii	Do. . .	A	Leh . . .	Pressure . .	4 and 6—9.	*For* "19·600, ·072, 19·558, — ·063 and 19·526" *read* "19·602, ·074, 19·559, — ·062 and 19·527" respectively.
ii	Do. . .	A	Leh . . .	Temperature .	11 and 12.	*For* "10·1 and 16·7" *read* "10·0 and 16·8" respectively.
iii	Do . .	A	Leh . . .	Vapour tension .	24.	*For* "·055" *read* "·056."
iii	Do. . .	A	Leh . . .	Humidity . .	29 and 31—33.	*For* "71, 69, 72 and + 10" *read* "73, 70, 73 and + 11" respectively.
iii	Do. . .	A	Leh . . .	Rainfall . .	53.	*For* "0·53" *read* "0·54."
iv	Do. . .	A	Chakrata . .	Temperature . .	10, 12, 18 and 19.	*For* "48·7, 13·5, 41·3 and + 1·4" *read* "48·9, 13·7, 41·4 and + 1·5" respectively.
iv	Do. . .	A	Pachmarhi . .	Pressure . .	4 and 6-9.	*For* "26·547, ·130, 26·476, — ·051 and 26·420" *read* "26·538, ·121, 26·471, — ·056 and 26·415" respectively.
iv	Do. . .	A	Pachmarhi . .	Temperature . .	10, 12, 13, 15, 18 and 19.	*For* "73·2, 20·7, 79·0, 34·9, 62·1 and + 3·4" *read* "72·8, 20·3, 78·2, 34·1, 62·0 and + 3·3" respectively.
iv	Do. . .	A	Pachmarhi . .	Wet bulb . .	21.	*For* "54·1§" *read* "54·2."
v	Do. . .	A	Pachmarhi . .	Vapour tension .	25, 27 and 28.	*For* "·337 §, ·331 and + ·038" *read* "·341, ·332 and + ·039" respectively.
v	Do. . .	A	Pachmarhi . .	Humidity . .	30.	*For* "62§" *read* "62."
vii	Do. . .	B	United Provinces .	Rainfall . .	18 and 20.	*For* "2·43 and + 1·57" *read* "2·44 and + 1·58" respectively on the front page of Table B.
vii	Do. . .	B	Punjab . .	Rainfall . .	18 and 20.	*For* "3·42 and 2·29" *read* "3·41 and + 2·28" respectively on the front page of Table B.
viii	Do. . .	B	Mergui . .	Pressure . .	4—7 and 9.	*For* "29·908, —·039, 29·904, 30·019 and 29·797" *read* "29·921, —·026, 29·917, 30·032 and 29·810" respectively.
viii	Do. . .	B	Mergui . .	Temperature .	12.	*For* "73·9" *read* "73·3."
viii	Do. . .	B	Bassein . .	Pressure . .	4—7 and 9.	*For* "29·978, —·024, 29·942, 30·099 and 29·827" *read* "29·966, —·036, 29·930, 30·087 and 29·815" respectively
viii	Do. . .	B	Thayetmyo . .	Temperature .	13, 14, 17-20 and 24.	*For* "87·3, + 1·4, 70·9, + 1·1, 32·9, 90·5 and 42·6" *read* "86·7, + 0·8, 70·6, + 0·9, 32·3, 89·9 and 42·0" respectively.
viii	Do. . .	B	Sirajganj . .	Temperature .	12.	*For* "59·0" *read* "58·9."
viii	Do. . .	B	Bogra . .	Temperature .	12.	*For* "59·3" *read* "58·7."
viii	Do. . .	B	Dinajpur . .	Pressure . .	4-7 and 9.	*For* "29·872, — ·074, 29·957, 30·052 and 29·584" *read* "29·865, — ·081, 29·950, 30·045 and 29·577" respectively.

Corrigenda in the India Monthly Weather Reviews for the year 1911.

TABLES A, B AND C.—*contd.*

Page.	Part.	Table.	Meteorological Province or station.	Heading.	Column No.	Correction.
x	January 1911	B	Sambalpur	Temperature	13, 14, 17-20 and 24.	*For* "84·4, + 2·2, 70·6, + 2·1?, 27·7, 88·1 and 40·0" *read* "83·9, + 1·7, 70·3, + 1·8, 27·2, 87·6 and 39·5" respectively.
x	Do.	B	Daltonganj	Temperature	12	*For* "6·0‡" *read* "56·0‡."
x	Do.	B	Purnea	Temperature	15-19, 22 and 24.	*For* "49·5§, + 1·4§, 62·6§, + 1·5§, 26·2, 46·2 and 32·8" *read* "50·2, + 2·1, 62·9, + 1·8, 25·5, 46·9 and 32·1" respectively.
x	Do.	B	Monghyr	Temperature	17	*For* "64·7" *read* "64·8."
x	Do	B	Darbhanga	Temperature	15-19, 22 and 24.	*For* "53·0, + 0·9, 63·6, + 1·1, 21·1, 43·3 and 36·3" *read* "52·4, + 0·3, 63·3, + 0·9, 21·7, 42·7 and 36·9" respectively.
x	Do.	B	Gorakhpur	Temperature	12.	*For* "56·4" *read* "56·0."
x	Do.	B	Benares	Pressure	11.	*For* "·430" *read* "·403."
x	Do.	B	Allahabad	Temperature	22 and 24.	*For* "40·5 and 41·6" *read* "41·0 and 41·1" respectively.
xii	Do.	B	Cawnpore	Temperature	15-19, 22 and 24.	*For* "51·6, + 4·5, 63·8, + 3·3, 24·3, 38·5 and 44·2" *read* "53·3, + 6·2, 64·6, + 4·1, 22·6, 40·2 and 42·5" respectively.
xii	Do.	B	Dehra Dun	Temperature	15, 16, 18, 19, 22 and 24.	*For* "46·5, + 1·7, + 0·4, 18·8, 34·5 and 40·0" *read* "46·4, + 1·6, + 0·3, 18·9, 34·0 and 40·5" respectively.
xiii	Do.	B	Ajmer	Rainfall	52.	*For* "+ 0·30" *read* "— 0·30."
xiv	Do.	B	Karwar	Temperature	13, 14, 17-20 and 24.	*For* "86·2, — 0·7, 76·0, — 0·2, 20·4, 94·8 and 34·8" *read* "85·7, — 1·2, 75·7, — 0·5, 19·9, 94·3 and 34·3" respectively.
xiv	Do.	B	Malegaon	Pressure	4-7 and 9.	*For* "28·537, — ·048, 29·994, 28·718 and 28·409" *read* "28·574, — ·041, 30·001, 28·725 and 28·416 respectively.
xiv	Do.	B	Ahmadnagar	Temperature	13-20, 22 and 24.	*For* "84·6, + 0·6, 53·7, + 3·0, 69·2, + 1·8, 30·9, 89·9, 47·5 and 42·4" *read* "84·3, + 0·3, 53·2, + 2·5, 68·8, + 1·4, 31·1, 89·6, 47·0 and 42·6" respectively.
xiv	Do.	B	Sholapur	Temperature	13, 14, 17-20 and 24.	*For* "88·3, + 0·6, 74·1, + 1·2, 28·3, 92·3 and 38·9" *read* "87·8, + 0·1, 73·8, + 0·9, 27·8 91·8 and 38·4" respectively.
xiv	Do.	B	Bijapur	Pressure	4-7 and 9.	*For* "28·057, — ·019, 29·973, 28·156 and 27·954" *read* "28·062, — ·014, 29·978, 28·161 and 27·959" respectively.
xv	Do.	B	Bhavnagar Para	Rainfall	51	*For* "0·37" *read* "0·07."
xvi	Do.	B	Nizamabad	Pressure	4, 6, 7 and 9.	*For* "28·755, 29·981, 28·868 and 28·623" *read* "28·763, 29·989, 28·876 and 28·631" respectively.
xvi	Do.	B	Bid	Pressure	4, 6, 7 and 9.	*For* "27·776, 29·916, 27·880 and 27·656" *read* "27·846, 29·986, 27·960 and 27·726" respectively.

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TABLES A, B AND C.—*contd.*

Page.	Part.	Table.	Meteorological Province or station.	Heading.	Column No.	Correction.
xvi	January 1911 .	B	Hyderabad (Deccan)	Pressure . .	4-7 and 9.	*For* "28·317, — ·029, 29·992, 28·414 and 28·203" *read* "28·321, — ·025, 29·996, 28·418 and 28·207" respectively.
xvi	Do. . .	B	Mangalore . .	Temperature .	15-19, 22 and 24.	*For* "66·5, — 1·9?, 77·4, — 1·6?, 21·8, 61·8 and 32·5" *read* "69·7, + 1·3, 79·0, 0, 18·6, 65·0 and 29·3" respectively.
xvi	Do. . .	B	Madura . .	Temperature .	15-19, 22 and 24.	*For* "68·2, — 0·4, 78·9, + 0·8, 20·3, 62·6 and 31·3" *read* "69·2, + 0·6, 79·4, + 1·3, 20·3, 63·6 and 30·3" respectively.
xvi	Do. . .	B	Coimbatore . .	Temperature .	13, 14, 17-20 and 24.	*For* "87·5, + 0·7, 75·5, + 0·1, 24·0, 90·9 and 34·6" *read* "87·1, + 0·3, 75·3, — 0·1, 23·6, 90·5 and 34·2" respectively.
xvi	Do. . .	B	Salem . . .	Temperature .	15-19, 22 and 24.	*For* "65·0, + 1·3, 76·6, + 0·6, 23·2, 58·4 and 35·6" *read* "64·4, + 0·7, 76·3, + 0·3, 23·8, 57·8 and 36·2" respectively.
xvi	Do. . .	B	Cuddalore . .	Temperature .	13, 14, 17-20 and 24.	*For* "85·0, + 1·7, 76·7, + 1·4, 16·6, 88·6 and 2[illegible]·4" *read* "84·2, + 0·9, 76·3, + 1·0, 15·8, 87·8 and 24·6" respectively.
xvi	Do. . .	B	Madras . .	Temperature .	15, 16, 18 and 19.	*For* "68·0, + 0·6, + 0·9 and 17·8" *read* "67·9, + 0·5, + 0·8 and 17·9" respectively.
xvii	Do. . .	B	Vellore . .	Cloud . .	45	*For* "3·0" *read* "2·6."
xviii	Do. . .	B	Chakrata . .	Temperature .	13-17, 19, 20 and 22—24.	*For* "49·4, — 1·2, 35·1, — 1·1, 42·2, 14·3, 78·2, 18·7, 4th and 59·5" *read* "49·2, — 1·4, 35·3, — 0·9, 42·3, 13·9, 73·2, 22·2, 28th and 51·0" respectively.
xviii	Do. . .	B	Cherrapunji .	Pressure . .	4, 6-8 and 11.	*For* "25·700, 25·651, 25·801, 8th and ·393" *read* "25·673N, 25·624 N, 25·781, 15th and ·373" respectively.
xviii	Do. . .	B	Kodaikanal . .	Pressure . .	4-7 and 9.	*For* "22·839, — ·034, 22·774, 22·901 and 22·769" *read* "22·850, — ·023, 22·785, 22·912 and 22·780" respectively.
xviii	Do. . .	B	...	...	Foot note.	*Insert* "N mean of 20 days."
xix	Do. . .	B	Leh . .	Rainfall . .	50, 52, 53, 55 and 56.	*For* "0·51, + 0·20, 0·87, + 0·37 and 0·17" *read* "0·54, + 0·23, 0·90, + 0·40 and 0·18" respectively.
xx	Do. .	B	Meshed . .	Temperature .	22	*For* "+ 4·2" *read* "— 4·2."
xx	Do. . .	B	Tehran . .	Station . .	2	*For* "Tehran (*b*)" *read* "Tehran (*b*) (*k*)."
xxi	Do. . .	B	Gangtok . .	Wind direction .	29	*Insert* "2."
xxi	Do. . .	B	Ispahan . .	Hygrometry . .	41·44.	*For* "?" *read* "89*i*, + 7, ·103*i* and — ·036" respectively.
xxi	Do. . .	B	Zanzibar . .	Hygrometry . .	42	*For* "—" *read* "— 1."
xxi	Do. . .	B	...	...	Foot note.	*Insert* "*i* mean of 12 days."
xxx	February 1911 .	A	Hyderabad . .	Pressure . .	4, 5 and 7-9.	*For* "28·371, 28·246, 28·302, + ·048 and 29·936" *read* "28·375, 28·250, 28·306, + ·052 and 29·940" respectively.
xxxii	Do. . .	A	Darjiling . .	Temperature .	10, 12, 18 and 19.	*For* "48·6, 11·9, 42·4 and + 0·8" *read* "48·3, 11·6, 42·3 and + 0·7" respectively.

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TABLES A, B AND C.—*contd.*

Page.	Part.	Table.	Meteorological Province or station.	Heading.	Column No.	Correction.
xxxii	February 1911	A	Kodaikanal	Pressure	4, 5, 7 and 9.	*For* "22·890, 22·823, 22·856 and 22·791" *read* "22·901, 22·834, 22·867 and 22·802" respectively.
xxxv	Do.	B	Madras	Rainfall	19 and 20.	*For* "0·41 and — 0·38" *read* "0·40 and — 0·37" respectively on front page.
xxxvi	Do.	B	Mergui	Pressure	4-7 and 9.	*For* "29·955, + ·028, 29·951, 30·037 and 29·842" *read* "29·968, + ·041, 29·964, 30·050 and 29·855" respectively.
xxxvi	Do.	B	Mergui	Temperature	12	*For* "76·1" *read* "75·5."
xxxvi	Do.	B	Moulmein	Temperature	20	*For* "95·4" *read* "94·5."
xxxvi	Do.	B	Bassein	Pressure	4-7 and 9.	*For* "30·011, + ·049, 29·975, 30·070 and 29·906" *read* "29·999, + ·037, 29·963, 30·058 and 29·894" respectively.
xxxvi	Do.	B	Thayetmyo	Temperature	13, 14, 17-20 and 24.	*For* "90·6, — 2·0, 72·2, — 2·6, 36·8, 96·5 and 53·6" *read* "90·0, — 2·6, 71·9, — 2·9, 36·2 95·9 and 53·0" respectively.
xxxvi	Do.	B	Faridpur	Pressure	11	*For* "·26" *read* "·264."
xxxvi	Do.	B	Bogra	Temperature	12	*For* "59·4" *read* "58·8."
xxxvi	Do.	B	Dinajpur	Pressure	4-7 and 9.	*For* "29·909, + ·028, 29·994, 30·066 and 29·751, *read* "29·902, + ·021, 29·987, 30·059 and 29·744" respectively.
xxxviii	Do.	B	Jessore	Temperature	19	*For* "28·7" *read* "28·1."
xxxviii	Do.	B	Sambalpur	Temperature	13, 14, 17-20 and 24.	*For* "86·1, — 1·9, 70·6, — 3·4, 31·1, 95·1 and 48·5" *read* "85·6, — 2·4, 70·3, — 3·7, 30·6 94·6 and 48·0" respectively.
xxxviii	Do.	B	Darbhanga	Temperature	15-19, 22 and 24	*For* "51·0, — 3·4, 64·5, — 1·1, 26·9, 43·3 and 41·8" *read* "50·4, — 4·0, 64·2, — 1·5, 27·5, 42·7 and 42·4" respectively.
xxxviii	Do.	B	Gorakhpur	Temperature	12	*For* "56·3" *read* "55·9."
xl	Do.	B	Cawnpore	Temperature	15-19, 22 and 24.	*For* "47·5, — 3·7, 64·2, — 0·9, 32·8, 37·0 and 57·2" *read* "49·2, — 2·0, 64·9, — 0·1, 31·4, 38·7 and 55·5" respectively.
xlii	Do.	B	Karwar	Temperature	13, 14, 17-20 and 24.	*For* "87·0, + 0·7, 75·2, — 1·6, 23·6, 93·8 and 40·3" *read* "86·5, + 0·2, 74·9, — 1·9, 23·1, 93·3 and 39·8" respectively.
xlii	Do.	B	Malegaon	Pressure	4-7 and 9.	*For* "28·617, + ·045, 30·049, 28·724 and 28·539" *read* "28·624, + ·052, 30·056, 28·731 and 28·546" respectively.
xlii	Do.	B	Ahmadnagar.	Temperature	13-20, 22 and and 24.	*For* "87·3, — 0·8, 53·1, — 2·0, 70·2, — 1·4, 34·2, 94·4, 36·5 and 57·9" *read* "87·0, — 1·1, 52·6, — 2·5, 69·8, — 1·8, 34·4, 94·1, 36·0 and 58·1" respectively.
xlii	Do.	B	Sholapur	Temperature	13, 14, 17 20 and 24.	*For* "90·8, — 2·9, 75·3, — 2·7, 31·0, 97·3 and 53·9" *read* "90·3, — 3·4, 75·1, — 2·9, 30·5, 96·8 and 53·1" respectively.
xlii	Do.	B	Bijapur	Pressure	4-7 and 9.	*For* "28·092, + ·064, 29·998, 28·167 and 28·021" *read* "28·097, + ·069, 30·003, 28·172 and 28·026" respectively.

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TABLES A, B AND C—*contd.*

Page.	Part.	Table.	Meteorological Province or station.	Heading.	Column No.	Correction.
xliii	February 1911 .	B	Khandwa . .	Wind velocity .	36 and 38	*For* "4·1 and 0" *read* "4·7 and + 0·6" respectively.
xliii	Do. . .	B	...	...	Foot note .	*Insert* "I mean of 12 days."
xliv	Do. . .	B	Nizamabad . .	Pressure . .	4, 6, 7 and 9	*For* "28·785, 30·010, 28·883 and 28·707" *read* "28·793, 30·018, 28·891 and 28·715" respectively.
xliv	Do. . .	B	Bidar . . .	Do. . .	4, 6, 7 and 9	*For* "27·809?, 29·941?, 27·923 and 27·734" *read* "27·879, 30·011, 27·993 and 27·804" respectively.
xliv	Do. . .	B	Hyderabad (Deccan)	Do. . .	4·7 and 9	*For* "28·349, + ·062, 30·017, 28·442 and 28·247" *read* "28·353, + ·066, 30·021, 28·446 and 28·251" respectively.
xliv	Do. . .	B	Mangalore . .	Temperature .	15-19, 22 and 24.	*For* "65·6, — 5·6, 77·1, — 3·1, 23·1, 61·8 and 32·5" *read* "68·8, — 2·4, 78·7, — 1·5, 19·9, 65·0 and 29·3" respectively.
xliv	Do. . .	B	Madura . .	Do. . .	15-19, 22 and 24.	*For* "67·5, — 2·0, 79·9, — 0·9, 24·7, 60·6 and 34·8" *read* "68·5, — 1·0, 80·4, — 0·4, 23·7, 61·6 and 33·8" respectively.
xliv	Do. , .	B	Coimbatore . .	Do. . .	13, 14, 17-22 and 24.	*For* "90·1, — 1·9, 76·3, — 2·5, 27·6, 97·4 and 41·1" *read* "89·7, — 2·3, 76·1, — 2·7, 27·2, 97·0 and 40·7" respectively.
xliv	Do. . .	B	Salem . .	Pressure . .	4·7 and 11	*For* "29·135, + ·032, 30·029, 29·213, and ·194" *read* "29·137, + ·034, 30·031, 29·219 and ·200" respectively.
xliv	Do. . .	B	Salem . .	Temperature .	15-19, 22 and 24.	*For* "65·0, — 0·5, 78·1, — 1·5, 26·2, 58·4 and 38·6" *read* "64·4, — 1·1, 77·8, — 1·7, 26·8, 57·8 and 39·2" respectively.
xliv	Do. . .	B	Cuddalore . .	Pressure . .	4·7 and 9	*For* "30·026, + ·056, 29·994, 30·096 and 29·899" *read* "30·030, + ·060, 29·998, 30·100 and 29·903" respectively.
xliv	Do. . .	B	Do. . .	Temperature .	13, 14, 17-20 and 24.	*For* "86·1, + 0·7, 76·5, — 0·7, 19·3, 89·1 and 27·4" *read* "85·3, — 0·1, 76·1, — 1·1, 18·5 88·3 and 26·6" respectively.
xliv	Do. . .	B	Madras . .	Do. . .	15, 16, 18, 19, 22 and 24.	*For* "65·6, — 2·4, — 1·4, 20·9, 61·0 and 31·0" *read* "65·8, — 2·2, — 1·3, 20·7, 62·0 and 30·0" respectively.
xlv	Do. . .	B	Cocanada . .	Hygrometry .	43	*For* "·598" *read* "·593."
xlvi	Do. . .	B	Leh . . .	Temperature .	15-19	*For* "5·3, — 4·5, 15·8, — 4·7 and 21·1" *read* "5·4, — 4·4, 15·9, — 4·6 and 21·0" respectively.
xlvi	Do. . .	B	Para Chinar .	Pressure . .	4, 6 8 and 11	*For* "24·525, 24·492, 24·648, 20th and ·314" *read* "24·530, 24·497, 24·704, 19th and ·370" respectively.
xlvi	Do. . .	B	Kodaikanal .	Do. . .	4·7 and 9	*For* "22·864, — ·018, 22·799, 22·949 and 22·823" *read* "22·875, — ·007, 22·810, 22·960 and 22·834" respectively.

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TABLES A, B AND C—*contd.*

Page.	Part.	Table.	Meteorological Province or station.	Heading.	Column No.	Correction.
xlix	February 1911 .	B	Gartok . .	Wind velocity .	36	*For* "7·5" *read* "7·8."
lviii	March 1911 . .	A	Hyderabad . .	Pressure . .	4, 5 and 7—9	*For* "28·252, 28·110, 28·177, — ·018 and 29·779" *read* "28·256, 28·114, 28·181, — ·014 and 29·783" respectively.
lix	Do. . .	A	Allahabad . .	Rainfall . ,	53	*For* "1·41" *read* "1·57."
lxi	Do. . .	A	Kodaikanal .	Station . .	55	*For* "Kodaikanal" *read* "Kodaikanal (*a*)."
lxi	Do. . .	A	...	...	Foot note .	*Insert* "(*a*) Wind variable 1."
lxiii	Do. . .	B	Rajputana . .	Hygrometry .	15	*For* "— ·022" *read* "+ ·022" on the front page.
lxiv	Do. . .	B	Mergui . .	Pressure . .	4·7 and 9	*For* "29·8[illegible]8, — ·003, 29·893, 29·973 and 29·829" *read* "29·911, + ·010, 29·906, 29·986 and 29·842" respectively.
lxiv	Do. . .	B	Do. . .	Temperature .	12	*For* "79·4" *read* "78·8."
lxiv	Do. . .	B	Bassein . .	Pressure . .	4·7 and 9	*For* "29·927, + ·005, 29·891, 30·012 and 29·856" *read* "29·915, — ·007, 29·879, 30·000 and 29·844" respectively.
lxiv	Do. . .	B	Thayetmyo . .	Temperature .	13, 14, 17-20 and 24.	*For* "98·7, — 1·1, 82·6, — 0·5, 32·1, 113·5 and 41·6" *read* "98·1, — 1·7, 82·3, — 0·8, 31·5, 102·9 and 41·0" respectively.
lxiv	Do. . .	B	Minbu . .	Do. . .	24	*For* "27·3" *read* "37·3."
lxvi	Do. . .	B	Sambalpur . .	Do. . .	12-14, 17-20 and 24.	*For* "74·5, 93·3, — 3·4, 79·6, — 2·4, 27·4, 99·1 and 40·5" *read* "73·7, 92·8, — 3·9, 79·3, — 2·7, 26·9, 98·6 and 40·0" respectively.
lxvi	Do. . .	B	Darbhanga . .	Do. . .	15-19, 22 and 24.	*For* "60·0, — 2·9, 72·0, — 3·3, 24·1, 52·3 and 38·8" *read* "59·4, — 3·5, 71·7, — 3·7, 24·7, 51·7 and 39·4" respectively.
lxvii	Do. . .	B	Allahabad . .	Wind steadiness .	39	*Insert* "33."
lxviii	Do. . .	B	Lahore . .	Temperature .	17	*For* "65·6" *read* "65·5."
lxx	Do. . .	B	Karwar . .	Do. . .	13, 14, 17-20 and 24.	*For* "86·3, — 1·5, 77·7, — 2·7, 17·3, 88·8 and 24·8" *read* "85·8, — 2·0, 77·4, — 3·0, 16·8, 88·3 and 24·3" respectively.
lxx	Do. . .	B	Malegaon . .	Pressure . .	4·7 and 9	*For* "28·521, + ·001, 29·913, 28·598 and 28·448" *read* "28·528, + ·008, 29·920, 28·605 and 28·455" respectively.
lxx	Do. . .	B	Ahmadnagar .	Temperature .	13-20, 22 and 24.	*For* "93·0, — 0·8, 52·0, — 0·5, 77·5, — 0·7, 31·0, 101·9, 54·5 and 47·4" *read* "92·7, — 1·1, 51·5, — 1·0, 77·1, — 1·1, 31·2, 101·6, 54·0 and 47·6" respectively.

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TABLES A, B AND C—*contd.*

Page.	Part.	Table.	Meteorological Province or station.	Heading.	Column No.	Correction.
lxx	March 1911 .	B	Bijapur . .	Pressure . .	4-7 and 9	*For* "27·997, + ·010, 29·868, 28·071 and 27·940" *read* "28·002 + ·015, 29·873, 28·076 and 27·945" respectively.
lxx	Do. . .	B	Nizamabad . .	Do. . .	4, 6, 7 and 9	*For* "28·666, 29·860, 28·737 and 28·5[illegible]4" *read* "28·674, 29·868, 28·745 and 28·592" respectively.
lxxi	Do. . .	B	Khandwa . .	Wind velocity .	36 and 38	*For* "5·8 and + 0·8" *read* "6·4i and + 1·4" respectively.
lxxi	Do. . .	B	...	...	Foot note .	*Insert* "i mean of 20 days."
lxxii	Do. . .	B	Bidar . . .	Pressure . .	4, 6, 7 and 9	*For* "27·713?, 29·8[illegible]0?, 27·778 and 27·[illegible]39" *read* "27·763, 29·860, 27·828 and 27·[illegible]89" respectively.
lxxii	Do. . .	B	Hyderabad (Deccan)	Do. . .	4-7 and 9	*For* "28·239, + ·001, 29·861, 28·292 and 28·165" *read* "28·243 + ·005, 29·865, 28·296 and 28·169" respectively.
lxxii	Do. . .	B	Mangalore . .	Do. . .	4	*For* "29·993" *read* "29·893."
lxxii	Do. . .	B	Do. . .	Temperature .	15-19, 22 and 24.	*For* "70·1, — 4·7, 79·3, — 3·5, 18·3, 64·8 and 26·5" *read* "73·3, — 1·5, 80·9, — 1·9, 15·1, 68·0 and 23·3" respectively.
lxxii	Do. . .	B	Madura . .	Do. . .	13-20, 22 and 24.	*For* "98·0, + 1·3, 72·6, — 0·2, 85·3, + 0·5, 25·4, 99·4, 66·1 and 33·3" *read* "97·6, + 0·9, 73·6, + 0·8, 85·6, + 0·9, 24·0, 99·0, 67·1 and 31·9" respectively.
lxxii	Do. . .	B	Coimbatore . .	Do. . .	13, 14, 17-20 and 24.	*For* "96·5, + 0·3, 82·8, — 0·2, 27·4, 98·9 and 38·6" *read* "96·1, — 0·1, 82·6, — 0·4, 27·0, 98·5 and 38·2" respectively.
lxxii	Do. . .	B	Salem . . .	Pressure . .	4-7 and 9	*For* "29·052, — ·002, 29·927, 29·108 and 28·990" *read* "29·058, + ·004, 29·933, 29·114 and 28·996" respectively.
lxxii	Do. . .	B	Do. . .	Temperature .	15-19, 22 and 24.	*For* "71·7, + 0·9, 84·3, — 0·3, 25·3, 62·4 and 37·1" *read* "71·1, + 0·3, 84·0, — 0·7, 25·9, 61·8 and 37·7" respectively.
lxxii	Do. . .	B	Cuddalore . .	Pressure . .	4-7 and 9	*For* "29·934, + ·018, 29·901, 29·989 and 29·858" *read* "29·938, + ·022, 29·905, 29·993 and 29·862" respectively.
lxxii	Do. . .	B	Do. . .	Temperature .	13, 14, 17-20 and 24.	*For* "90·0, + 0·7, 81·5, + 0·7, 17·0, 92·1 and 24·9" *read* "89·2, — 0·1, 81·1, + 0·3, 16·2, 91·3 and 24·1" respectively.
lxxiv	Do. . .	B	Sarain . .	Pressure . .	4 and 6	*For* "23·123 and 23·085" *read* "23·122 and 23·084" respectively.
lxxiv	Do. . .	B	Chakrata . .	Temperature .	13, 14, 17 and 19.	*For* "54·0, — 7·7, 46·3 and 15·4" *read* "54·1, — 7·6, 46·4 and 15·5" respectively.
lxxiv	Do. .	B	Kodaikanal . .	Pressure . .	4—7 and 9	*For* "22·859, — ·017, 22·794, 22·905 and 22·814" *read* "22·870, — ·006, 22·805, 22·916 and 22·825" respectively.

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TABLES A, B AND C—*contd.*

Page.	Part.	Table.	Meteorological Province or station.	Heading.	Column No.	Correction.
lxxvi	March 1911 .	B	Gyantse . .	Temperature .	15, 17, 19, 22 and 24.	*For* "17·2, 34·4, 34·4, 5·4 and 57·4" *read* "17·5, 34·5, 34·1, 5·7 and 57·1" respectively.
lxxvi	Do. . .	B	Perim . .	Do. . .	16	*For* "+ 0·" *read* "+ 0·1."
lxxvii	Do. . .	B	Baghdad . .	Wind direction .	32	*Insert* "2."
lxxvii	Do. . .	B	Zanzibar . .	Wind velocity .	37	*For* "3·4" *read* "5·4."
lxxxvi	April 1911 . .	A	Hyderabad . .	Pressure . .	4, 5, 7, 8 and 9.	*For* "28·166, 28·043, 28·103, — ·021 and 29·677" *read* "8·170 28·047, 28·107, — ·017 and 29·681" respectively.
lxxxvii	Do. . .	A	Bangalore . .	Rainfall . .	53	*For* "0·90" *read* "1·10."
lxxxviii	Do. . .	A	Simla . . .	Pressure . .	8	*For* "+ ·062" *read* "+ ·002."
lxxxix	Do. . .	A	Chakrata . . .	Cloud . .	34-37	*Insert* "0·4, 1·0, 0·7 and — 2·0" respectively.
xci	Do. . .	B	Madras . .	Rainfall . .	18 and 20	*For* "0·86 and — 0·36" *read* "0·84 and — 0·38" respectively on the front page.
xcii	Do. . .	B	Mergui . .	Pressure . .	4-7 and 9	*For* "29·856, — ·007, 29·851, 29·974 and 29·775" *read* "29·869, + ·006, 29·864, 29·987 and 29·788" respectively.
xcii	Do. . .	B	Do. . .	Temperature .	12	*For* "81·9" *read* "81·3."
xcii	Do. . .	B	Bassein . .	Pressure . .	4-7 and 9	*For* "29·885, + ·016, 29·849, 30·029 and 29·802" *read* "29·878, + ·004, 29·837, 30·017 and 29·790" respectively.
xcii	Do. . .	B	Thayetmyo . .	Temperature .	13, 14, 17-20 and 24.	*For* "100·7, — 2·3, 87·3, — 2·1, 26·9, 106·5 and 37·6" *read* "100·1, — 2·9, 87·0, — 2·4, 26·3, 105·9 and 37·0" respectively.
xcii	Do. . .	B	Cox's Bazar .	Pressure . .	4 and 6	*For* "29·843 and 29·823" *read* "29·845 and 29·825" respectively.
xciii	Do. . .	B	Sirajganj . .	Rainfall . .	49	*For* "— 1·60" *read* "— 0·60."
xciv	Do. . .	B	Cuttack . .	Temperature .	23	*For* "22nd and 28th" *read* "22nd and 23rd" respectively.
xciv	Do. . .	B	Darbhanga . .	Do. . .	15-19, 22 and 24.	*For* "69·9, — 2·0, 82·6, — 1·4, 25·4, 62·3 and 40·8" *read* "69·3, — 2·6, 82·3, — 1·7, 26·0, 61·7 and 41·4" respectively.

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TABLES A, B AND C—*contd.*

Page.	Part.	Table.	Meteorological Province or station.	Heading.	Column No.	Correction.
xciv	April 1911 . .	B	Gorakhpur . .	Temperature .	12	*For* "80·0" *read* "79·6."
xcvi	Do. . .	B	Udaipur . .	Do. . .	20, 21 and 24	*For* "10·5, 18th and 22nd and 43·2" *read* "102·7 17th and 44·4" respectively.
xcviii	Do. . .	B	Bijapur . .	Pressure . .	4	*For* "27·934" *read* "27·941."
c	Do . .	B	Mangalore . .	Temperature .	15-19, 22 and 24.	*For* "71·0, — 3·2, 82·1, — 2·6, 16·3, 71·3 and 22·5" *read* "77·2, 0, 83·7, —1·0, 13·1, 74·5 and 19·3" respectively.
c	Do. . .	B	Coimbatore . .	Do. . .	13, 14, 17-20 and 24	*For* "97·0 — 0·1, 84·9, — 0·3, 24·2, 100·4 and 34·6" *read* "96·6, — 0·5, 84·7, — 0·5, 23·8, 100·[illegible] and 34·2" respectively.
ci	Do. . .	B	Vellore . .	Wind velocity .	36	*For* "5·1" *read* "5·0."
cii	Do. . .	B	Srinagar . .	Temperature .	13, 14 and 17-19.	*For* "65·5, — 2·7, 55·7, — 1·1 and 19·6" *read* "66·1, — 2·1, 56·0, — 0·9 and 20·2" respectively.
cii	Do. . .	B	Dalbandin .	Elevation . .	3	*Insert* "2, 779."
cii	Do. . .	B	Do. . .	Pressure . .	6	*For* "27·035†" *read* "29·774."
cii	Do. . .	B	Robat . .	Do. . .	4 and 6	*For* "27·914 and 27·872" *read* "26·914 and 26·872" respectively.
ciii	Do. . .	B	Leh . . .	Rainfall . .	50, 52, 53 and 55.	*For* "0·51, + 0·35, 2·26, and + 1·03" *read* 0·59 + 0·43, 2·34 and + 1·11" respectively.
civ	Do. . .	B	Penang . .	Temperature .	24	*For* "121·0" *read* "21·0."
civ	Do. . .	B	Ispahan . .	Do. . .	12	*For* "5·" *read* "50·4."
civ	Do. . .	B	Tehran . .	Do. . .	16	*For* "—" *read* "— 4·9."
cv	Do. . .	B	Gyantse . .	Wind velocity .	36	*For* "4·5§" *read* "4·4."
cv	Do. . .	B	Zanzibar . .	Wind direction .	32	*Insert* "1."
cviii	Do. . .	C	Chandkhira .	Temperature .	6, 8 and 10	*For* "68·5, 78·7 and 20·3" *read* "67·7 (*a*), 78·3 and 21·1" respectively.
cviii	Do. . .	C	Goalundo . .	Do. . .	4, 8 and 10	*For* "93·7, 82·7 and 22·1" *read* "93·5, 82·5 and 21·9" respectively.
cviii	Do. . .	C	...	...	Foot note .	*Insert* "(*a*) Mean of 26 days."

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TABLES A, B AND C.—*contd.*

Page.	Part.	Table.	Meteorological Province or station.	Heading.	Column No.	Correction.
cxiv	May 1911 . .	A	Nagpur . .	Temperature .	14 and 15	*For* "80·0 and 34·6" *read* "79·4 and 35·2" respectively.
cxiv	Do. . .	A	Hyderabad . .	Pressure . .	4, 5 and 7—9	*For* "28·037 27·956, 28·022, —·029 and 29·590" *read* "2 091, 27·960, 28·026, —·025 and 29·594" respectively.
cxv	Do. . .	A	Bangalore . .	Rainfall . .	53 and 54	*For* "0·78 and 0·47" *read* "3·71 and 0·70" respectively.
cxv	Do. . .	A	Mysore . .	Do. . .	53	*For* "11·18" *read* "11·23."
xcv	Do. . .	A	Leh . . .	Do. . .	53 and 54	*For* "0 and 0" *read* "0·03 and 0·03" respectively.
cxvi	Do. . .	A	Zanzibar . .	Temperature .	18 and 19	*For* "68·4 and —9·4" *read* "78·4 and +0·6" respectively.
cxvii	Do. . .	A	Chakrata . .	Rainfall . .	53	*For* "0·18" *read* "0·21."
cxix	Do. . .	B	Madras . .	Do. . .	18 and 19	*For* "2·31 and 2·87" *read* "2·32 and 2·88" respectively on the front page.
cxx	Do. . .	B	Victoria Point .	Pressure . .	6	*For* "29·781" *read* "29·789."
cxx	Do. . .	B	Mergui . .	Do. . .	4-7 and 9	*For* "29·804, —·013, 29·799, 29·889 and 29·728" *read* "29·817, 0, 29·812, 29·902 and 29·741" respectively.
cxx	Do. . .	B	Do. . .	Temperature .	12	*For* "80·9" *read* "80·3."
cxx	Do. . .	B	Bassein . .	Pressure . .	4-7 and 9	*For* "29·818, +·017, 29·781, 29·914 and 29·703" *read* "29·803, +·005, 29·769, 29·902 and 29·69[illegible]" respectively.
cxx	Do. . .	B	Thayetmyo . .	Temperature .	13, 14, 17—20 and 24.	*For* "100·9, −2·5, 90·1, +2·1, 21·6, 105·5 and 29·6" *read* "100·3, +1·9, 89·8, +1·7, 21·0, 104·9 and 29·0" respectively.
cxx	Do. . .	B	Comilla . .	Pressure . .	4	For "29·627" *read* "29·730."
cxxii	Do. . .	B	Hazaribagh . .	Temperature .	18	*For* "+3·" *read* "+3·5."
cxxiii	Do. . .	B	Burdwan . .	Wind velocity .	38	*For* "+0·4" *read* "+0·3."
xxiii	Do. . .	B	Patna . . .	Wind direction .	32	*Insert* "1."
cxxiii	Do. . .	B	Arrah . . .	Do. . .	26	*Insert* "5."
cxxv	Do. . .	B	Ambala . .	Rainfall . .	51	*For* "0·0" *read* "0·60."
cxxviii	Do. . .	B	Mangalore . .	Temperature .	15-19, 22 and 24.	*For* "74·0, −3·4, 82·7, —1·5, 17·3, 65·8 and 27·5" *read* "77·2, —0·2, 84·3, +0·1, 14·1, 69·0 and 24·3" respectively.
cxxviii	Do. . .	B	Coimbatore . .	Do. . .	13, 14, 17-20 and 24.	*For* "95·6, +0·6, 84·5, +0·3, 22·2, 100·9 and 36·1" *read* 95·2, +0·2, 84·3, +0·1, 21·8, 100·5 and 35·7" respectively.
cxxx	Do. . .	B	Srinagar . .	Do. . .	13, 14, 17 and 19.	*For* "77·7, +0·8, 64·6 and 26·1" *read* "77·5, +0·6, 64·5 and 25·9" respectively.

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TABLES A, B AND C.—*contd.*

Page.	Part.	Table.	Meteorological Province or station.	Heading.	Column No.	Correction.
cxxx	May 1911 . .	B	Dras . . .	Pressure . .	11	*For* "·226" *read* "·266."
cxxx	Do. . .	B	Dalbandin . .	Station . .	2	*For* "Dalbadin" *read* "Dalbandin."
cxxx	Do. . .	B	Do. . .	Pressure . .	6	*For* "26·959" *read* "29·613."
cxxx	Do. . .	B	Simla . . .	Temperature .	13, 14 and 17-19.	*For* "74·9, +1·3, 68·3, +2·2 and 13·2" *read* "75·2, +2·1, 68·5, +2·6 and 13·5" respectively.
cxxx	Do. . .	B	Kalabagh . .	Do. . .	15, 17, 19 and 22-24.	*For* "45·5, 51·7, 12·4, 9·1, 13th and 53·3" *read* "47·5p, 52·8p, 10·4, 44·1, 14th and 19th and 18·3" respectively.
cxxx	Do. . .	B	...	...	Foot note.	*Insert* "(p) Mean of 18 days."
cxxxii	Do. . .	B	Meshed . .	Temperature .	18	*Omit* "—3·5."
cxxxii	Do. . .	B	Ispahan . .	Do. . .	16	*For* "1·7" *read* "—1·7."
cxxxiii	Do. . .	B	Gartok . .	Rainfall . .	47, 50, 53 and 56.	*For* "1, 2·00, 2·00 and 2·00" *read* "0, 0, 0 and 0" respectively.
cxxxiii	Do. . .	B	Meshed . .	Do. . .	51, 52, 54 and 55.	*Insert* "1·39, +1·01, 1·39 and +1·01" respectively.
cxxxiii	Do. . .	B	Busrah . .	Do. . .	52	*For* "0·46" *read* "—0·46."
cxxxiii	Do. . .	B	Ispahan . .	Do. . .	51, 52, 54 and 55.	*For* "0·11, —0·06, 0·11 and —0·06" *read* "0·25, —0·20, 0·25 and —0·20" respectively.
cxxxiii	Do. . .	B	Tehran . .	Wind direction .	25	*For* "1" *read* "12."
cxxxiii	Do. . .	B	Do. . .	Rainfall . .	51, 52, 54 and 55.	*For* "0·33, +0·53, 0·33 and +0·53" *read* "0·45, +0·41, 0·45 and +0·41" respectively.
cxxxv	Do. . .	C	Chandkhira . .	Temperature .	6, 8 and 10	*For* "68·3, 77·3 and 17·9" *read* "67·6, 76·9 and 18·6" respectively.
cxxxvi	Do. . .	C	Ballia . . .	Do. . .	6, 8 and 10	*For* "77·8, 90·2 and 24·8" *read* "78·0, 90·3 and 24·6" respectively.
cxlv	June 1911 . .	A	Mount Abu . .	Rainfall . .	54	*For* "1·85" *read* "2·11."
cxlv	Do. . .	A	Ootacamund .	Do. . .	53	*For* "15·64" *read* "15·68."
cxlvii	Do. . .	B	Rajputana . .	Hygrometry .	15	*For* "—·020" *read* "+·020" on the front page.
cxlviii	Do. . .	B	Victoria Point .	Pressure . .	6	*For* "29·787 P" *read* "29·840."
cxlviii	Do. . .	B	Mergui . .	Do. . .	4—7 and 9	*For* "29·808, +·007, 29·804, 29·907 and 29·726" *read* "29·821, +·020, 29·817, 29·920 and 29·739" respectiv y.
cxlviii	Do. . .	B	Do. . .	Temperature .	12	*For* "77·7" *read* "77·1."
cxlviii	Do. . .	B	Bassein . .	Pressure . .	4-7 and 9	*For* "29·771, +·022, 29·735, 29·897 and 29·626" *read* "29·759, +·010, 29·723, 29·885 and 29·604" respectively.

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TABLES A, B AND C.—*contd.*

Page.	Part.	Table	Meteorological Province or station.	Heading.	Column No.	Correction.
cxlviii	June 1911 . .	B	Thayetmyo . .	Temperature .	13, 14, 17-20 and 24.	*For* "91·5, +0·1, 84·3, +0·2, 14·4, 98·5 and 24·6" *read* "90 9, —0 5, 84·0, —0·1, 13·8, 97·9 and 24·0" respectively.
cxlix	Do. . .	B	Sirajganj . .	Rainfall . .	56	*For* "1·55" *read* "2·22."
clv	Do. . .	B	Nagpur . .	Do. . .	50, 52, 53 and 55.	*For* "15·55, +6·84, 15·68 and +6·22" *read* "17·14, +8·43, 17·27 and +7·81" respectively.
clvi	Do. . .	B	Coimbatore . .	Temperature .	13, 14, 17-20 and 24.	*For* "86·6, —3·3, 79·1, —1·7, 15·2, 93·4 and 26·1" *read* "86·2, —3·7, 78·9, —1·9, 14·8, 93·0 and 25·7" respectively.
clvii	Do. . .	B	Hassan . .	Rainfall . .	49	*For* "—1·40" *read* "+0·60."
clvii	Do. . .	B	Pudukkottai .	Do. . .	51	*For* "11·6" *read* "1·16."
clvii	Do. . .	B	Waltair (Vizag.) .	Do. . .	52	*For* "—0·30" *read* "—0·40."
clviii	Do, . .	B	Dalbandin . .	Pressure . .	6	*For* "26·801" *read* "29·388."
clviii	Do. . .	B	Pasni . . .	Do. . .	7	*For* "29·7" *read* "29·774."
clviii	Do. . .	B	Kalabagh . .	Temperature .	15, 17 and 19	*For* "48·0, 52·5 and 9·0" *read* "47·3, 52·1 and 9·7" respectively.
clviii	Do. . .	B	Pachmarhi . .	Do. . .	15-19, 22 and 24.	*For* "68·9, —3·1, 76·6, —2·3, 15·4, 50·6 and 44·9" *read* "69·5, —2·5, 76·9, —2·1, 14·8, 65·0 and 30·5" respectively.
clix	Do. . .	B	Darjiling . .	Rainfall . .	50, 52, 53 and 55.	*For* "27·04, +4·27, 38·44 and +6·93" *read* "27·14, +4·37, 38·54 and +7·03" respectively.
clix	Do. . .	B	Shillong . .	Rainfall . .	49	*For* "—8·40" *read* "—3·40."
clix	Do. . .	B	Mount Abu . .	Do. . .	50, 52, 53 and 55.	*For* "5·13, —0·12, 5·13 and —0·84" *read* "5·15, —0·10, 5·15 and —0·82" respectively.
clx	Do. . .	B	Kerman . .	Temperature .	19	*For* "38·2" *read* "37·2."
clxi	Do. . .	B	Penang . .	Wind direction .	28	*Insert* "1."
clxi	Do. . .	B	Colombo . .	Rainfall . .	52	*For* "—2·09" *read* "—1·89."
clxi	Do. . .	B	Minicoy . .	Wind direction .	31	*For* "2" *read* "12."
clxi	Do. . .	B	Amini Divi . .	Do. . .	33	*Insert* "12."
clxi	Do. . .	B	Gartok . .	Do. . .	25 and 33	*Insert* "12 and 1" respectively.
clxi	Do. . .	B	Busrah . .	Do. . .	32	*For* "1" *read* "14."
clxi	Do. . .	B	Ispahan . .	Hygrometry .	44	*For* "+·121" *read* "+·031."

Corrigenda in the India Monthly Weather Reviews for the year 1911.

TABLES A, B AND C.—*contd.*

Page.	Part.	Table.	Meteorological Province or station.	Heading.	Column No.	Correction.
clxi	June 1911 . .	B	Baghdad . .	Wind direction .	33	*For* "2" *read* "12."
clxx	July 1911 . .	A	Udaipur . .	Temperature .	10, 12 and 18	*For* "91·9†, 15·8 and 82·3†" *read* "91·5,(d) 16·0 and 82·3†" respectively.
clxx	Do. . .	A	...	...	Foot note	*Insert* "(*d*) mean of 30 days."
clxxi	Do. . .	A	Do. . .	Rainfall . .	53	*For* "1·69" *read* "1·68."
clxxiii	Do. . .	A	Simla . .	Do. . .	53 and 54	*For* "4·72 and 1·16" *read* "5·25 and 1·62" respectively.
clxxv	Do. . .	B	Madras . .	Do. . .	18, 19 and 20	*For* "5·85, 6·86 and —1·01" *read* "5·86, 6·88 and —1·02" respectively on the front page.
clxxvi	Do. . .	B	Victoria Point .	Pressure . .	6	*For* "29·769" *read* "29·822."
clxxvi	Do. . .	B	Mergui . .	Do. . .	4-7 and 9	*For* "29·776, —·022, 29·771, 29·882 and 29·686" *read* "29·789, —·009, 29·784, 29·895 and 29·699" respectively.
clxxvi	Do. . .	B	Do. . .	Temperature .	12	*For* "77·5" *read* "76·9."
clxxvi	Do. . .	B	Bassein . .	Pressure . .	4-7 and 9	*For* "29·736, —·011, 29·700, 29·849 and 29·630" *read* "29·724, —·023, 29·688, 29·837 and 29·618" respectively.
clxxvi	Do. . .	B	Sirajganj . .	Temperature .	12	*For* "81·0" *read* "81·5."
clxxvii	Do. . .	B	Bogra . .	Rainfall . .	52	*For* "+6·93" *read* "+6·94."
clxxvii	Do. . .	B	Rampur Boalia .	Wind direction .	25	*Insert* "17."
clxxvii	Do. . .	B	Dinajpur . .	Do. .	25 and 26	*Omit* "5" and *insert* "5" respectively.
clxxviii	Do. . .	B	Daltonganj . .	Pressure . .	7	*For* "28·900" *read* "28·966."
clxxix	Do. . .	B	Chapra . .	Rainfall . .	52	*For* "—·99" *read* "—5·99."
clxxx	Do. . .	B	Udaipur . .	Temperature .	13 and 14	*For* "91·2† and +0·9?" *read* "91·3† and +1·0" respectively.
clxxxiii	Do. . .	B	Nagpur . .	Rainfall . .	53 and 55	*For* "21·11 and —2·73" *read* "22·70 and —1·14" respectively.
clxxxvii	Do. . .	B	Darjiling . .	Do. . .	50, 52, 53 and 55.	*For* "41·32, +8·95, 79·76 and +15·88" *read* "41·59, +9·22, 80·03 and +16·15" respectively.
clxxxvii	Do. . .	B	Mount Abu . .	Do. . .	53 and 55	*For* "6·05 and 22·88" *read* "6·07 and —22·86" respectively.
clxxxviii	Do. . .	B	Minicoy . .	Pressure . .	7	*For* "30·0-1" *read* "30·031."
clxxxix	Do. . .	B	Do. . .	Wind direction	33	*For* "1" *read* "2."
Do.	Do. . .	B	Amini Divi . .	Rainfall . .	52	*For* "—1·65" *read* "+1·65."

Corrigenda in the India Monthly Weather Reviews for the year 1911.

TABLES A, B AND C.—*contd.*

Page.	Part.	Table.	Meteorological Province or station.	Heading.	Column No.	Correction.
cxcviii	August 1911	A	Leh	Temperature, Wet bulb.	20 and 23	*For* " 42·9 and 50·0 " *read* " 43·4 and 50·2 " respectively.
cxcix	Do.	A	Nagpur	Rainfall	53	*For* " 13·12 " *read* " " 13·24."
cxcix	Do.	A	Port Blair	Do.	53	*For* " 7·35 " *read* " 7·36."
cxcix	Do.	A	Leh	Vapour tension	24	*For* " ·231† " *read* " ·232."
cxcix	Do.	A	Do.	Humidity	29	*For* " 67† " *read* " 67."
cc	Do.	A	Chakrata	Temperature	10	*For* " 70· " *read* " 70·2."
cc	Do.	A	Kodaikanal	Do.	14 and 15	*For* " 57·4 and 11·0 " *read* " 47·4 and 21·0 " respectively.
cci	Do.	A	Simla	Rainfall	53	*For* " 14·51 " *read* " 14·61."
cci	Do.	A	Kalabagh	Do.	53	*For* " 18·20 " *read* " 18·38."
cci	Do.	A	Darjiling	Do	53	*For* " 27·29 " *read* " 26·69."
cciv	Do.	B	Victoria Point	Pressure	6	*For* " 29·781 " *read* " 29·835."
cciv	Do.	B	Mergui	Do.	4—7 and 9	*For* "29·799 —·018, 29·795, 29·853 and 29·727 " *read* " 29·812,—·005, 29·808, 29·866 and 29·740" respectively.
cciv	Do.	B	Do.	Temperature	12	*For* " 77·8 " *read* " 77·2."
cciv	Do.	B	Bassein	Pressure	4—7 and 9	*For* " 29·771,—·003, 29·735, 29·861 and 29·684" *read* " 29·759,—·015, 29·723, 29·849 and 29·672" respectively.
ccv	Do.	B	Rangoon	Wind velocity	36	*Insert* " 8·9. "
ccvi	Do.	B	Saugor Island	Pressure	4—7 and 9	*For* " 29·568 —·053, 29·538, 29·755 and 29·440" *read* " 29·573, —·048, 29·543, 29·760 and 29·445" respectively.
ccvi	Do.	B	Do.	Temperature	12—20, 22 and 24	*For* " 82·9, 88·0, +0·8, 80·1, +0·3, 84·0, +0·5, 79·9, 91·0, 77·5 and 13·5 " *read* " 82·5, 87·2, 0, 79·8, 0, 83·5, 0, 7·4, 90·2, 77·2 and 13·0 " respectively.
ccvii	Do.	B	Motihari	Rainfall	47	*For* " 1 " *read* " 16."
ccxiv	Do.	B	Simla	Temperature	13, 14, 19 to 21 and 24	*For* " 68·0,+0·9, 7·6, 73·1, 8th and 20·3 " *read* " 68·1, +1·0, 7·7, 73·6, 10th and 20·8 " respectively.
ccxiv	Do.	B	Kalabagh	Pressure	4, 6, 9 and 11	*For* " 20·075, 20·037, 19·954 and ·286 " *read* " 20·074, 20·036, 19·914 and ·326 " respectively.
ccxiv	Do.	B	Chakrata	Temperature	15	*For* " 0·2 " *read* " 60·2."

Corrigenda in the India Monthly Weather Reviews for the year 1911.

TABLES A. B AND C.—*contd.*

Page.	Part.	Table.	Meteorological Province or station.	Heading.	Column No.	Correction.
ccxiv	August 1911.	B	Darjiling	Temperature	15, 16, 18, 19 and 22 to 24	*For* " 57·8, +0·6, +0·8, 8·7, 52·2, 31st and 19·1 " *read* " 57·9, +0·7, +0·9, 8·6, 56·2, 4 days and 15·1 " respectively.
ccxiv	Do.	B	Maymyo	Do.	13, 14, 17 to 21 and 24	*For* " 71·3, —5·2, 68·7, —2·2, 5·2, 78·5, 3rd and 13·9 " *read* " 75·5, —1·0, 70·8, —0·1, 9·4, 81·0, 26th and 16·4 " respectively.
ccxiv	Do.	B	Pachmarhi	Do.	13, 14 and 17 to 19	*For* " 74·4,** —0·2,** 70·4,** —0·5 and 8·0 " *read* "74·7,** +0·1,** 70·5,** —0·3 and 8·3 " respectively.
ccxv	Do.	B	Slipper Island	Rainfall	52, 52, 53 and 55	*For* " 6·91, —5·96, 31·75 and —20·27 " *read* " 6·93, —5·94, 31·77 and —20·25 " respectively.
ccxv	Do.	B	Kalabagh	Do.	50, 52, 53 and 55	*For* " 18·40, —0·62, 33·29 and —9·11 " *read* "18·38, —0·64, 33·27 and —9·13 " respectively.
ccxxvi	September 1911	A	Dehra Dun	Temperature	13 and 15	*For* " 87·0 and 23·1 " *read* " 88·2 and 24·3 " respectively.
ccxxvi	Do.	A	Leh	Do.	11, 12, 14 and 15	*For* " 43·4, 28·7, 31·4 and 48·8 " *read* " 43·6, 28·5, 36·4 and 43·8 " respectively.
ccxxvii	Do.	A	Nagpur	Rainfall	53	*For* " 5·55 " *read* " 5·69."
ccxxix	Do.	A	Darjiling	Do.	53	*For* " 16·35 " *read* " 16·38."
ccxxix	Do.	A	Pachmarhi	Do.	53	*For* " 19·19 " *read* " 19·17."
ccxxxi	Do.	B	United Provinces	Do.	18 and 20	*For* " 14·37 and +8·02 " *read* " 14·38 and +8·03 " respectively.
ccxxxii	Do.	B	Victoria Point	Pressure	6	*For* " 29·799,"? *read* " 29·853."
ccxxxii	Do.	B	Mergui	Do.	4 to 7 and 9	*For* " 29·820, —·020, 29·816, 29·886 and 29·746 " *read* "29·833, —·007, 29·829, 29·899 and 29·759" respectively.
ccxxxii	Do.	B	Do.	Temperature	12	*For* " 77·3 " *read* "76·7. "
ccxxxii	Do.	B	Bassein	Pressure	4 to 7 and 9	*For* " 29·815,—·001, 29·779, 29·911 and 29·683 " *read* " 29·803,—·013, 29·767, 29·899 and 29·671" respectively.
ccxxxvi	Do.	B	Meerut	Temperature	18 and 19	*For* " —0·1,† and 15·3† " *read* "—0·1 and 15·8 " respectively.
ccxxxvi	Do.	B	Udaipur	Do.	13, 14, 17 and 19	*For* " 86·9, —1·2, 79·9 and 13·9 " *read* " 87·0 —1·1 80·0 and 14·0 " respectively.
ccxxxvii	Do.	B	Dehra Dun	Rainfall	50, 52, 53 and 55	*For* " 15·85, + 6·42, 56·54 and —20·34 " *read* " 15·88, +6·45, 56·57 and —20·31 " respectively.
ccxxxvii	Do.	B	Udaipur	Do.	47, 49, 50, 52, 53 and 55	*For* " 6, —0·10, 6·36, +2·09, 13·59 and —8·98 " *read* " 5, —1·10, 6·01, +1·74, 13·24 and —9·33" respectively.
ccxl	Do.	B	Hassan	Pressure	6	*For* " 29·816 " *read* " 29·886."

Corrigenda in the India Monthly Weather Reviews for the year 1911.

TABLES A, B AND C.—*contd.*

Page.	Part.	Table.	Meteorological Province or station.	Heading.	Column No.	Correction.
ccxl	September 1911 .	B	Coimbatore . .	Temperature .	20 and 24	*For* " 92·4 and 24·6 " *read* " 92·0 and 24·2 " respectively.
ccxlii	Do. . .	B	Leh . . .	Do. . .	15, 16, 18 and 19	*For* " 43·6, +2·1, +1·8 and 28·2 " *read* " 43·5, +2·0, +1·7 and 28·3 " respectively.
ccxlii	Do. . .	B	Kalat . . .	Pressure . .	4, 6, 7, 9 and 11	*For* " 27·867¶, 27·829¶, 27·954, 27·787 and ·167 " *read* " 23·880, 23·842, 23·968, 23,800 and ·168 " respectively.
ccxlii	Do. . .	B	Sarain . .	Do. . .	4 and 6	*For* " 23·132 and 23·094 " *read* " 23·134 and 23·096" respectively.
ccxlii	Do. . .	B	Kalabagh . .	Do. . .	4 and 6	*For* 20·150 and 20·112 " *read* ' 20·153 and 20·115 " respectively.
ccxlii	Do. . .	B	Mount Abu . .	Temperature .	15 to 19 and 22 to 24	*For* " 64·6, 0, 69·7, —0·3, 10·1, 42·9, 3rd and 39·8 " *read* " 65·3, +0·7, 70·0, +0·1, 9·4, 62·4, 9th and 10th and 20·3 " respectively.
ccxliii	Do. . .	B	Darjiling . .	Rainfall . .	47, 49, 50, 52, 53 and 55	*For* " 15, —2·71, 16·26, —2·20, 122·81 and +13·87" *read* " 16, —1·71, 16·38, —2·08, 122·93 and +13·99 " respectively.
ccxliii	Do. . .	B	Pachmarhi . .	Do. . .	50, 52, 53, 55 and 56	*For* " 19·27, +4·45, 64·56, —5·90 and 7·65 " *read* " 19·17, +4·35, 64·46. —6·00 and 7·55 " respectively.
ccxliv	Do. . .	B	Kabul . . .	Pressure . .	4 and 6	*For* " 24·216 and 21·185 " *read* " 24·218† and 24·187† " respectively.
ccxlv	Do. . .	B	Gyantse . .	Wind velocity .	36	*Insert* " 2·4."
ccxlv	Do. . .	B	...	...	Foot note .	*Insert* " * " against " uncorrected for scale error."
ccliv	October 1911 .	A	Udaipur . .	Temperature .	11, 12, 14, 15 and 18	*For* " 66·4, 26·5, 57·1, 40·4 and 79·6 " *read* " 66·6, 26·3, 61·7, 35·8 and 79·7 " respectively.
ccliv	Do . . .	A	Madras . .	Do. . .	14	*For* " 6·7 " *read* " 66·7."
cclv	Do. . .	A	Dehra Dun . .	Rainfall . .	53	*For* " 1·22 " *read* " 1·70."
cclvii	Do. . .	A	Simla . .	Do. .	53	*For* " 1·63 " *read* " 1·64."
cclvii	Do. . .	A	Minicoy . .	Do. . .	53	*For* " 11·58 " *read* " 12·44."
cclix	Do. .	B	Madras . .	Do. . .	18 and 20	*For* " 5·21 and —1·90 " *read* " 5·22 and —1·89" respectively on the front page.
cclx	Do. .	B	Victoria Point .	Pressure . .	6	*For* " 29·877 " *read* " 29·930."
cclx	Do. . .	B	Mergui . .	Do. . .	4 to 7 and 9	*For* " 29·901, +·025, 29·897, 30·001 and 29·775 " *read* " 29·914, +·038, 29·910, 30·014 and 29·788" respectively.
cclx	Do, . .	B	Do. . . .	Temperature .	12	*For* " 77·7 " *read* " 77·1."
cclx	Do. . .	B	Mymensingh .	Do. . .	23	*Insert* " 28th."

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Page.	Part.	Table.	Meteorological Province or station.	Heading.	Column No.	Correction.
cclxiii	October 1911	B	Cooch Behar	Hygrometry	41	*For* " 8½†† *read* " 8¼††."
cclxv	Do.	B	Dehra Dun	Rainfall	50, 52, 53 and 55	*For* 1·67, +0·78, 58·21 and —19·56 " *read* " 1·70, +0·81, 58·24 and —19·53 " respectively.
cclxv	Do.	B	Udaipur	Do.	53 and 55	*For* " 13·67 and —9·04 " *read* " 13·32 and —9·39 " respectively.
cclxx	Do.	B	P. V. Fraser	Pressure	7	*For* " 30·10 " *read* " 30·110."
cclxx	Do.	B	Port Blair	Do.	7	*For* " 29·9 " *read* " 29·993."
cclxx	Do.	B	Sarain	Do.	4 and 6	*For* " 23·224 and 23·186 " *read* " 23·226 and 23·188 respectively.
cclxx	Do.	B	Kalabagh	Do.	4 and 6	*For* " 20·191 and 20·153 " *read* " 20·190 and 20·152 respectively.
cclxxi	Do.	B	Darjiling	Rainfall	47, 49, 50, 52, 53 and 55	*For* " 10, +5·13, 4·27, —0·22, 127·35 and +13·92 " *read* " 11, +6·13, 4·75, +0·26, 127·95 and +14·52 " respectively.
cclxxi	Do.	B	Pachmarhi	Do.	53 and 55	*For* " 65·75 and —6·62 " *read* " 65·65 and —6·72 " respectively.
cclxxii	Do.	B	Kabul	Pressure	4 and 6	*For* " 24·351 and 24·320" *read* " 24·352 and 24·321 " respectively.
cclxxiii	Do.	B	Bahrein	Wind velocity	36	*For* " 5·7 " *read* " 6·0."
cclxxxiv	November, 1911	A	Seychelles	Pressure	8	*For* " +·014† " *read* " —·014†."
cclxxxviii	Do.	B	Victoria Point	Do.	6	*For* " 29·848 " *read* " 29·901."
cclxxxviii	Do	B	Mergui	Do.	4 to 7 and 9	*For* " 29·907, +·005. 29·902, 29·971 and 29·803," *read* " 29·920, +·018, 29·915, 29·984 and 29·815" respectively.
cclxxxviii	Do.	B	Do.	Temperature	12	*For* " 79·6 " *read* " 79·0."
ccxciii	Do.	B	Dehra Dun	Rainfall	53 and 55	*For* " 62·76 and —15·31 " *read* " 62·79 and —15·28" respectively.
ccxciii	Do.	B	Udaipur	Do.	53 and 55	*For* " 13·84 and —8·89 " *read* " 13·49 and —9·24 " respectively.
ccxcviii	Do.	B	Sarain.	Pressure	4 and 6	*For* " 23·205 and 23·167 " *read* " 23·204 and 23·166 " respectively.
ccxcix	Do.	B	Chakrata	Rainfall	50, 52, 53 and 55	*For* " 5·90, +5·47, 43·91 and +14·14 " *read* 5·80, +5·37, 43·81 and —14·24 " respectively.
ccxcix	Do	B	Darjiling	Do.	53 and 55	*For* " 127·75 and +14·03" *read* " 128·35 and +14·63 " respectively.
ccxcix	Do.	B	Maymyo	Do.	53 and 55	*For* "53·58 and +0·07 " *read* "53·48 and —0·03 " repectively.
ccc	Do.	B	Kabul	Pressure	4 and 6 to 11	*For* " 24·412, 24·381, 24·565, 30th, 24·286, 26th and ·279 " *read* " 24·388, 24·357, 24·535, 1st, 24·285, 30th and ·250 " respectively.

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TABLES A, B AND C.—*concluded.*

Page.	Part.	Table.	Meteorological Province or station.	Heading.	Column No.	Correction.
ccci	November 1911 .	B	Kabul . . .	Rainfall . .	52	*For* "+0·32" *read* "+0·42."
ccci	Do. . .	B	Bahrein . .	Wind velocity .	36	*For* "9·6" *read* "9·2."
ccciv	Do. . .	C	Goalundo . .	Station . .	2	*For* "Goalundo§" *read* "Goalundo."
ccciv	Do. . .	C	Do. . .	Temperature .	3, 4, 6, 8 and 10	*For* "73·5, 83·0, 62·8, 72·9 and 20·2" *read* "74·3 83·8, 62·9, 73·3, and 20·9" respectively.
ccciv	Do. . .	C	...	Foot note . .	...	Omit "§ observations of 23 days."
cccv	Do. . .	C	Do. . .	Hygrometry .	34	*For* "·670" read "·692."
cccv	Do. . .	C	Do. . .	Rainfall . ,	38, 41, 43, 44, 46 and 47	*For* "0, 0·11, —0·40, 53·96, — 4·45 and 0·06" *read* "1, 0·43, —0·08, 54·27, —4·14 and 0·32" respectively.
cccxvi	December, 1911 .	B	Victoria Point .	Pressure . .	6	*For* "29·857" *read* "29·911."
cccxvi	Do. . .	B	Mergui . .	Do. . .	4 to 7 and 9	*For* "29·915, —·018, 29·911, 29·987 and 29·851" *read* "29·928, —·005, 29·924, 30·000 and 29·834" respectively.
cccxvi	Do. . .	B	Do. . . .	Temperature .	12	*For* "77·4" *read* "76·8."
cccxvii	Do. . .	B	Akyab . . .	Rainfall . .	49	*For* "+0·23" *read* "+0·30."
cccxxii	Do. . .	B	Sutna . . .	Temperature	16, 17 and 19	*For* "47·7, 61·2 and 27·0" *read* "47·6 61·1 and 27·1" respectively.
cccxxvi	Do. . .	B	Srinagar . .	Do. . .	15, 16 and 19	*For* "29·2, +0·7 and 15·8" *read* "29·3 +0·8 and 15·7" respectively.

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GOVERNMENT OF INDIA

METEOROLOGICAL DEPARTMENT

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JANUARY, 1911

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GILBERT T. WALKER, M.A., Sc.D., F.R.S.

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