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METEOROLOGICAL DEPARTMENT.

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INDIA WEATHER REVIEW.

ANNUAL SUMMARY, 1910.

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ANNUAL SUMMARY, 1910.

INTRODUCTION.

Several systems of territorial division of India have come into use from time to time for meteorological purposes, each having been adopted to meet the needs of some particular set of data. A certain amount of confusion had been found to result from the consequent want of uniformity of boundaries, and, with a view of obviating the inconvenience caused, the Government of India in 1907 authorised the adoption of the following systems of division :—

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

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.

—	1910												
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
A	31	28	31	30	31	28	28	30	29	30	29	30	355
B	9	9	4	...	5	...	1	3	1	3	...	...	35
C	28	26	31	30	30	20	20	25	26	25	22	30	313
D	30	28	31	30	31	24	27	28	29	29	28	30	345
E	29	28	31	30	31	24	27	26	28	27	24	30	335

A=spots observed ; B=spot spectra ; C=prominences ; D=photoheliograms ; E=spectroheliograms.

Though the year was one of heavy rainfall during the summer months it was not unfavourable for solar observations in the morning hours, and there were only ten days on which no observations were possible.

Summary of Results.

Sunspots.—The following table shows the monthly number of new groups observed, the mean daily number 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 . .	17	9	9	13	14	14	16	7	14	17	13	9	152
Daily number . .	3·5	2·1	1·9	1·3	2·2	1·2	1·5	1·0	2·3	2·4	1·0	0·9	1·8
North . . .	6	2	4	6	4	4	5	...	2	4	7	2	46
South . . .	11	7	5	7	10	10	11	7	12	13	5	7	105
Equator . . .	...	...	...	...	...	...	...	...	...	...	1	...	1

The most notable feature of the year was the rapid decrease in spot activity as indicated by the following figures :—

	1909.	1910.
Number of new groups	220	152
Mean daily numbers	3·9	1·8
Large spot groups	45	15
Spot returns	22	6
Number of days on which no spots were seen	5	56

The numbers of new groups in 1907 and 1908 were respectively 301 and 262. The very abrupt decline in spot activity in 1910 is especially shown by the large proportion of days on which the sun's disc was free from spots at the time of observation.

The proportion of southern spots to northern, which has been increasing since 1906, was highest in 1910, *viz.*, 105 to 46. The mean latitudes in the two hemispheres were 7°·2 north and 9°·6 south—closer to the equator by about 1½° than in 1909. The highest latitudes were 18° in the northern hemisphere in March, and 20° in the southern in February.

Prominences.—Notwithstanding the great reduction of spot activity compared with 1909 the prominences, as estimated by profile areas, showed a diminution of only 1 per cent., while there was an actual increase in the average daily number.

The activity for the two hemispheres compared with 1909 is given in the following table :—

Mean daily profile areas of prominences.

	1909.	1910.
	Square minutes.	Square minutes.
North	2·10	2·03
South	2·04	2·07
Total ...	4·14	4·10

The distribution in latitude has been practically the same as in 1909. There was a tendency during the first six months to form two zones of activity in each hemisphere separated by a less active zone between the parallels of 30° and 40°. Later, the distribution became more uniform from the equator to latitudes 60° north and south. Beyond 60°, in the polar areas, small and very transient jets have been frequently recorded.

Metallic prominences have been infrequent, only 33 having been observed during the year. The high latitudes recorded for some of these are an unusual feature and show that these prominences are not invariably associated with spots. The mean and extreme latitudes observed are given in the following table :—

Metallic prominences.

TABLE 3.

—	Number observed.	Mean latitude.	Extreme latitude.	
North	10	28°·2	2°	76°
South	23	17°·7	2°	83°

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

Numbers of prominences.

TABLE 4.

Month.	Prominences one minute or more in height.	Metallic.	Eruptive.
January	45	3	
February	44	2	5
March	70	7	4
April	53	6	3
May	56	7	4
June	29	1	3
July	27	...	4
August	18	...	2
September	36	1	4
October	54	2	6
November	37	1	4
December	54	3	4

J. EVERSHED,

Director,

Kodaikanal and Madras Observatories.

Bombay Observatory : (Alibag) Magnetic Record.

During the year there were 102 calm days, 236 days of small, 25 days of moderate and 2 days of great disturbance. Similarly for the year 1909 there were 149 calm days, 182 days of small, 25 days of moderate, 8 days of great and 1 day of very great disturbance.

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 1910	3	8	16	21	31
February „	1	8	13	19	27
March „	8	10	12	24	25
April „	8	10	11	21	25
May „	6	8	12	23	30
June „	4	5	13	1	28
July „	2	13	14	18	28
August „	7	9	16	17	27
September „	8	12	17	18	19
October „	1	10	17	18	31
November „	1	12	13	23	24
December „	10	12	17	18	24

The following table, prepared in accordance with the suggestions made by the International Commission on Terrestrial Magnetism, represents the magnetic character of each day during the year.

TABLE 6.

1910.	Month.											
Date.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	1	0	1	2	1	1	0	1	1	0	0	1
2	1	1	1	1	1	0	0	1	1	1	1	1
3	0	1	1	1	1	0	1	1	1	1	1	1
4	1	1	1	2	1	0	1	1	1	2	1	1
5	1	1	1	0	1	0	1	1	1	1	1	1
6	1	0	1	0	0	0	1	0	1	2	1	1
7	0	0	1	0	1	1	1	0	1	1	1	1
8	0	0	0	0	0	1	1	0	0	1	1	1
9	1	1	1	0	1	1	1	0	0	1	1	0
10	0	1	0	0	1	1	1	1	1	0	1	0
11	0	0	1	0	0	1	1	1	1	1	1	0
12	1	0	0	1	0	1	0	0	0	1	0	0
13	1	0	1	1	2	1	0	1	1	1	0	1
14	1	1	1	0	1	0	0	1	1	1	1	1
15	0	1	1	0	1	0	1	1	1	1	1	2
16	0	1	1	0	1	0	1	0	1	0	1	1
17	2	1	1	1	1	0	1	0	0	0	1	0
18	1	1	1	2	2	0	0	1	0	0	2	0
19	1	0	0	1	1	0	1	2	0	2	1	1
20	1	2	1	0	1	1	1	1	1	1	1	1
21	0	1	1	0	0	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	2	1	1	1	1
23	1	1	1	1	0	1	1	1	1	1	0	1
24	1	1	0	1	2	1	1	1	1	1	0	0
25	2	2	0	0	1	1	1	1	2	1	1	1
26	1	1	0	0	1	1	1	0	1	1	1	1
27	1	0	1	2	1	0	0	0	1	2	1	1
28	1	1	2	2	1	0	0	2	1	1	1	1
29	0		2	1	1	1	1	2	2	1	1	1
30	0		1	1	0	1	1	1	1	1	1	1
31	0		2		1		1	1		0		1
	22	21	27	21	27	17	23	26	26	29	26	25

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° 57′ 43″
Mean horizontal force	0·36845 C. G. S.
†Mean vertical force (standardised by dip circle) ...	0·16101 „
Mean vertical force (standardised by inductor) ...	0·16143 „
†Mean inclination by dip circle ... Observed ...	23° 35′·7
†Mean inclination by dip circle ... Calculated*	23° 36′·3
†Mean inclination by inductor ... Observed ...	23° 38′·5
†Mean inclination by inductor ... Calculated*	23° 39′·6

* Derived from the corrected mean values of H and V for the year.

† As the difference in the values of inclination by the dip circle and the inductor made out last year was not maintained during this year, the question in regard to the cause of this discrepancy is being investigated.

The following table gives the corrected monthly mean values of the several magnetic elements, and the summed ranges of the horizontal force.

Table 7.

Month 1910.	Absolute values of				Horizontal force.	
	Horizontal force in C. G. S. unit.	Vertical force in C. G. S.	Inclination.	Easterly declination.	Summed ranges.	Summed ranges (smoothed.)
			° ′	° ′ ″	C. G. S.	C. G. S.
January .	0·36843	0·16045	23 31·9	0 58 44	0·00186	0·00272
February .	·36849	·16063	33·2	58 30	244	272
March .	·36845	·16075	34·3	58 41	259	263
April .	·36841	·16085	35·0	58 23	274	254
May .	·36842	·16095	35·9	57 50	235	252
June .	·36856	·16093	35·3	57 38	274	247
July .	·36855	·16094	35·4	57 44	274	244
August .	·36840	·16109	37·1	57 36	270	244
September .	·36841	·16124	38·3	57 17	178	245
October .	·36836	·16134	39·2	57 3	261	244
November .	·36846	·16152	40·3	56 42	279	244
December .	·36849	·16144	39·5	56 27	201	...

NOTE.—Summed range means sum, without regard to sign, of 24 ordinates of diurnal inequality. Smoothed ranges are derived from running means of 12 consecutive monthly means, reduced to the proper epoch in order to eliminate the annual variation.

The progression as indicated by the figures in the last column of the above table shows that the secular change of magnetic activity from maximum to minimum conditions was steadily progressing throughout the year.

In connection with the theory towards which the trend of thought of late is strongly inclined, namely, that terrestrial magnetic storms are caused by cathode or other forms of radiation from the sun ejected in definite stream lines from some active regions of the spots, the data for the month of May acquire an especial interest. For the theory is apparently supported by the visual appearance and structure of the coronal and cometary appendages, and hopes were entertained by those who favoured the above view that the expected passage of the earth through the tail of the comet which was timed to occur about the morning of the 19th May, might set up magnetic disturbances, and thus furnish some positive evidence of such influence and connection.

A general watch was kept on the magnetic instruments from the 15th to the 25th. Continuous eye observations were taken from 7 A. M. to 10 A. M. on the 19th May, while the sun was being observed through two 4″ telescopes both visually and by projection of its image on the screen. A nearly cloudless sky gave a continuous opportunity without any break for careful observations throughout the four hours, but absolutely no indication of the passage of the nucleus of the comet across the sun's disc could be noted nor were any unusual movements of the magnetic needle observed to occur at the time. Assuming that the transit did occur as calculated, the negative results suggest a highly tenuous nature of the nucleus, and no appreciable influence on the magnetic conditions of our earth.

The magnetic charts* for the month, when examined, show that during the whole month no feature of any exceptional or unusual character can be noted in the traces. Three moderately large disturbances denominated as M were recorded during the month on the 13th, 18th, and 24th. It will be seen that all the three disturbances appear to have practically the same characteristics, and all affect the diurnal pulse similarly, accentuating the fall of force at Bombay about the evening hours. As the question is of some importance, the indications of the magnetic data which tend thus merely to a negative conclusion need further examination in detail for several days preceding and succeeding the event of the transit. For the tail of the comet as seen during the night of the 19th up to the sunrise of the 20th appeared to linger in the eastern sky for some 20 hours or more, after the nucleus had transited the sun, passed to the south of the ecliptic, and appeared to the east of the sun on the 19th. Not until the evening of the 20th could the tail be seen, much foreshortened, in the western sky along with the nucleus. This created a serious doubt if the tail had really brushed past the earth about the time of the transit of the nucleus on the morning of the 19th. The appearances were certainly against such passage, and it

* As usual, only the horizontal force traces have been examined, as the D and V traces at Bombay indicate very small preturbation effects even during the heaviest of storms.

seemed more likely to have occurred (provided the tail was sufficiently long and the incurve of the tail at the end was not such as to carry it altogether above or below the earth) between 7 A.M. and 5 P.M. of the 20th. At any rate, as the time of the passage was thus a doubtful factor, the examination of the magnetic traces for a few days before and after the date becomes essentially pertinent.

In Table 8 attached are given the calculated values of horizontal force for each hour derived from the magnetograph tabulations from the 12th to the 26th May. The last row shows the mean values for the whole month, and by a comparison of the corresponding figures for each day and hour with those of the average of the month, one can readily determine the abnormal features, if any. The data are all compensated for temperature errors and instrumental changes. It will be seen that the days include all the three moderately disturbed days in the month referred to above, and as the disturbance of the 18th—19th happens to fall on the day of the transit of the comet, not unnaturally one may at first sight associate the two phenomena and ascribe the coincidence to some influence of the comet. The three disturbances however, when examined in relation to each other, leave little room for doubt in regard to the results. The day of the highest daily mean in the month, which almost invariably bespeaks quiescent conditions, fell this month on the 23rd, one of the five quiet days selected for the month. The day with the lowest daily mean, which invariably connotes disturbed conditions, happens to fall on the 19th ; the former shows a rise of force of 20γ above the mean of the month and the latter a fall of 23γ. By mere inspections of the traces these three disturbances have been denominated as M, and though those of the 13th and 24th apparently indicate slightly more intense disturbance than that of the 18th, the daily means supplement additional information and indicate that the disturbance of 18th—19th was really of somewhat greater intensity. This, it may be remarked in passing, shows how useful it is in the classification of days to consider with the usual factors that of the daily mean, as suggested some years ago by this observatory.

Examining now the disturbance of the 18th—19th in detail, it appears that the incidence of the decreasing disturbance * commenced between 17 hours and 18 hours on the 18th. The greatest lowering effect on the hourly ordinate was reached at about 20 hours, when a defect of 53γ was indicated. Throughout the 19th the force remained in defect and normal conditions were reached about 10 A.M. on the 20th (*vide* Table of excesses). The first moderately large disturbance in the month, which occurred on the 13th, commenced about 15 hours as will be seen from the table given below, and the normal was reached at about 16 hours the next day. The duration is hence much shorter here—about 25 hours. The disturbance of the 24th similarly commenced between 14 and 15 hours, and continued to effect the ordinates till about 2 hours on the 26th. Thus the duration here is about 37 hours as against that of 41 hours of the 18th—19th disturbance.

It will thus be seen that there is scarcely any feature except that of intensity in the disturbance of the 18th—19th which can be regarded as unusual in comparison with the other disturbances. The commencement of all these disturbances, it should be noted, lies between 14 and 17 hours, the usual time of the rapid fall in force at Bombay. The lowest value in force, that is the greatest effect of a disturbance, is attained in all cases between 17 and 20 hours, the usual time of the lower turning point of the diurnal pulse. The normal minimum value of the force attained is hence accentuated and lowered by all the three disturbances, the effects of which persisted for 23, 37, and 32 hours thereafter respectively in the disturbances. If the magnetic perturbations on the 18th—19th were due to the influence of the comet when the earth was supposed to have passed through its tail, one might expect the maximum effects to occur on the morning of the 19th and hence the character of the trace to have been quite different from the one actually presented, as the maximum effect in the curve occurs about 12 hours earlier. If the tail of the comet passed the earth (if it did pass at all) later, as was more likely the case, *i.e.*, about the 20th, absence of any marked disturbance in the magnetic traces at the time allows of no suspicion of any possible connection between the two phenomena being entertained.

* It will be seen from the investigations published in the Colaba Magnetic Data, 1846-1905 that the movements which lower the value of force indicating the demagnetisation of the earth, constitute the real disturbances, while the positive movements are in all probability merely the recuperative effects which tend to restore the equilibrium disturbed by the former.

HOURLY VALUES OF HORIZONTAL FORCE.

TABLE 8.

36000 + Unity = 1γ = 00001 C. G. S.

Bombay civil hour.*	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean.
1910 May 12 ...	837	836	832	837	836	840	841	842	847	852	859	860	861	861	863	860	856	854	851	848	844	845	845	847	848
„ „ 13 ...	847	849	848	849	856	857	861	866	880	876	875	855	863	869	861	838	811	781	788	800	779	809	816	820	840
„ „ 14 ...	822	821	823	820	826	826	826	824	825	830	830	828	832	840	835	842	837	836	831	529	828	825	830	821	829
„ „ 15 ...	822	826	828	829	828	829	832	836	842	838	842	859	867	846	851	848	833	832	831	830	832	830	826	826	836
„ „ 16 ...	831	831	831	833	832	833	833	840	851	857	856	865	866	860	851	833	825	827	832	828	824	824	828	830	838
„ „ 17 ...	828	838	835	838	834	838	844	856	869	885	893	902	894	872	853	844	841	835	831	834	830	826	837	842	850
„ „ 18 ...	847	846	844	849	847	848	853	863	871	870	871	875	874	873	861	861	857	845	809	784	776	783	816	816	843
„ „ 19 ...	813	806	810	807	810	813	811	824	815	822	830	839	840	839	831	831	826	806	810	810	821	823	819	815	819
„ „ 20 ...	826	821	818	821	824	827	828	830	842	855	862	868	868	868	862	844	829	821	815	831	831	835	835	833	837
„ „ 21 ...	844	839	834	836	839	638	836	837	850	859	872	879	880	873	868	855	851	849	816	848	842	839	836	832	849
„ „ 22 ...	832	834	837	843	843	842	841	846	851	864	870	873	881	875	871	859	852	846	849	847	845	847	848	849	852
„ „ 23 ...	850	851	851	852	851	851	850	854	868	880	883	885	887	882	875	867	862	857	855	856	855	855	855	857	862
„ „ 24 ...	863	866	859	868	865	877	864	856	869	864	879	884	881	886	864	835	801	774	769	772	806	816	818	823	844
„ „ 25 ...	810	826	822	830	828	829	853	835	832	837	828	849	846	838	838	819	809	802	820	817	836	826	815	857	829
„ „ 26 ...	830	826	825	839	829	826	835	843	847	863	870	844	862	861	856	850	835	833	832	838	831	825	826	833	840
Average hourly values for the month.	835	835	835	836	837	838	839	842	849	856	861	864	864	860	854	846	837	833	830	830	829	831	833	834	842

* The tabulations are made 9 minutes before the full local hour so as to make them comparable with those at Greenwich made at the full hour.

Excess hourly values: hourly values less the corresponding average hourly ordinates for the month showing disturbances indicating decrease of force.

TABLE 9.

Bombay civil hour.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1910 May 13 . .	+12	+13	+13	+13	+19	+19	+22	+24	+31	+20	+14	−9	−1	+9	+7	−8	−26	−52	−42	−30	−50	−22	−17	−14
„ „ 14. .	−13	−14	−12	−16	−11	−12	−13	−18	−24	−26	−31	−36	−32	−20	−19	−4	0	+3	...	...	...	...	...	...
„ „ 18 . .	+12	+11	+9	+13	+10	+10	+14	+21	+22	+14	+10	+11	+10	+13	+7	+15	+20	+12	−21	−46	−53	−48	−17	−18
„ „ 19 . .	−22	−29	−25	−29	−27	−25	−28	−18	−34	−34	−31	−31	−24	−21	−23	−15	−11	−27	−20	−20	−8	−8	−14	−19
„ „ 20 . .	−9	−14	−17	−15	−13	−11	−11	−12	−7	−1	+1	...	...	...	...	...	...	...	...	...	...	...	...	...
„ „ 24 . .	+28	+31	+24	+32	+28	+39	+25	+14	+20	+8	+18	+20	+17	+26	+10	−11	−36	−59	−61	−58	−23	−15	−15	−11
„ „ 25 . .	−25	−9	−13	−6	−9	−9	+14	−7	−17	−19	−33	−15	−18	−22	−16	−27	−28	−31	−10	−13	+7	−5	−18	+23
„ „ 26 . .	−5	−9	−10	+3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Supposed transit of comet.

TABLE 10.—*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.]

Date 1910.		Commencement.		Max.		End.		Max. Amplitude.	Duration.		REMARKS.
		H.	M.	H.	M.	H.	M.	M.M.	H.	M.	
January	1	11	42·4	12	30·2	13	32·5	0·5	1	50·1	
,,	22	9	15·7	9	38·7	10	27·3	0·8	1	11·6	
,,	30	4	27·2	4	48·5	5	36·5	1·0	1	9·3	
February	4	14	49·6	15	5·8	...		0·5	...		End lost in shifting time.
,,	12	18	27·1	18	49·2	19	6·9	0·4	0	39·8	
March	25	16	45·2	16	46·8	17	14·2	0·3	0	29·0	
,,	30	17	20·0	18	1·0	19	33·8	1·0	2	13·8	
,,	31	19	6·9	19	23·1	19	59·7	0·6	0	52·8	
April	12	0	30·2	0	49·2	1	34·6	1·8	1	4·4	
,,	16	12	48·0	13	6·9	13	24·7	0·4	0	36·7	
,,	17	1	43·0	1	52·0	2	1·9	0·3	0	18·9	
,,	27	2	52·9	2	57·2	3	18·8	0·4	0	25·9	
May	1	18	53·9	19	37·6	20	11·7	1·2	1	17·8	
,,	13	8	40·1	8	58·0	9	37·3	0·3	0	57·2	
,,	18	9	21·7	9	31·1	9	50·3	0·8	0	28·6	
,,	22	6	44·6	7	3·2	7	42·9	1·0	0	58·3	
June	1	6	20·3	7	0·8	8	45·3	0·7	2	25·0	
,,	9	12	24·2	12 7	27·4 4·8	12	35·0	0·1 2·4	0	10·8	
,,	16	6	45·1	7	36·8	9	28·9	2·2	2	43·8	
,,	17	5	58·7	5	59·8	6	3·9	0·2	0	5·2	
,,	25	19	37·8	19	46·1	20	5·1	0·7	0	27·3	
,,	29	11	14·0	12	2·5	13	21·3	0·8	2	7·3	
July	7	8	29·8	8	49·4	9	29·7	2·6	0	59·9	
,,	12	7	42·2	7	43·7	7	50·8	0·2	0	8·6	
,,	21	22	19·4	22	22·1	22	38·6	0·6	0	19·2	
,,	29	10	47·7	11	28·0	11	50·3	0·4	1	2·6	
August	13	8	0·8	8	1·8	8	7·1	0·3	0	6·3	
,,	13	21	27·3	21	29·9	21	33·3	0·2	0	6·0	
,,	17	12	1·9	12	6·8	13	9·8	4·6	1	7·9	
,,	21	6	0·7	6	5·1	6	30·0	0·4	0	29·3	
September	1	0	59·6	1	17·4	1	39·0	2·0	0	39·4	
,,	1	14	18·9	14	54·7	15	23·3	0·6	1	4·4	
,,	6	21	16·4	21	27·2	21	56·9	0·4	0	40·5	
,,	7	7	58·0	8	10·2	8	25·6	0·3	0	27·6	
,,	9	1	30·5	2	13·6	2	43·2	1·2	1	12·7	

TABLE 10—*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.]

Date 1910.	Commencement.		Max.		End.		Max Amplitude.	Duration.		REMARKS.
	H.	M.	H.	M.	H.	M.	M.M.	H.	M.	
September 16	23	27·6	23	36·0	23	56·6	0·2	0	29·0	
October 5	0	14·4	0	27·9	0	48·0	0·4	0	33·6	
„ 7	16	9·7	16	16·2	16	27·8	0·3	0	18·1	
„ 18	3	42·3	3	44·3	3	58·3	0·3	0	16·0	
„ 20	5	15·0	5	25·9	5	50·8	2·4	0	35·8	
November 9	6	20·3	7	10·0	9	46·2	7·8	3	25·9	
„ 14	7	50·5	8	19·7	9	6·5	0·4	1	16·0	
„ 15	14	46·7	15	22·1	...		2·2	...		End lost in shifting time.
„ 24	15	45·2	15	55·2	16	11·2	0·5	0	26·0	
„ 26	4	59·5	5	50·4	7	42·4	1·6	2	42·9	
„ 29	2	51·7	2	56·8	3	19·8	0·9	0	28·1	
December 1	16	3·2	16	22·4	16	39·3	0·9	0	36·1	
„ 3	8	39·7	8	52·0	9	1·4	0·3	0	21·7	
„ 4	11	45·4	12	3·8	12	30·2	0·3	0	44·8	
„ 10	9	43·2	10	28·2	12	27·0	1·5	2	43·8	
„ 13	11	38·1	12	5·9	15	22·0	11·3	3	43·9	
„ 16	14	55·2	15	26·1	...		8·2	...		End lost in shifting time.
„ 16	18	57·9	19	27·9	20	10·0	1·1	1	12·1	
„ 18	8	2·5	3	23·1	3	51·5	0·5	0	49·0	
„ 23	1	0·2	1	5·7	1	50·5	1·1	0	50·3	
„ 29	13	22·0	13	42·1	14	5·7	0·5	0	43·7	
„ 30	0	56·7	1	10·0	1	34·5	0·5	0	37·8	

Sensibility to tilt 1 mm. of amplitude = 0″·36 from 1st January to 27th May 1910.
„ „ „ „ = 0″·41 „ 28th May to 30th Septembe 1910.
„ „ „ „ = 0″·37 „ 1st October to 31st December 1910.

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 Angström's electric compensation pyrheliometer :—

TABLE 11.

1910.	Intensity in gramme-calories per sq. cm. per min.			Number of days of observation.	1910.	Intensity in gramme-calories per. sq. cm. per min.			Number of days of observation.
	Maximum.	Minimum.	Mean.			Maximum.	Minimum.	Mean.	
January	1·54	1·40	1·48	12	July		No obse	rvations.	
February . . .	1·55	1·29	1·45	12	August		No obse	rvations.	
March	1·53	1·42	1·47	8	September . . .	1·43	1·35	1·40	5
April	1·50	1·26	1·40	12	October	1·48	1·28	1·42	23
ay	1·49	1·07	1·32	18	November . . .	1·53	1·39	1·47	18
June	1·37	1·24	1·30	7	December . . .	1·53	1·43	1·48	12

Nocturnal radiation.

Observations of the terrestrial radiation thermometers, which are as a rule not very reliable, were recorded during the year 1910 at the following stations—

Srinagar. Jodhpur. Calcutta (Alipore)

Lahore. Allahabad. Bombay.

Simla. Leh. Ootacamund.

Table 12 gives the average data of past years for the above stations ; and Table 13 the departure from the normal.

TABLE 12.—*Average depression of mean monthly and annual nocturnal radiation temperatures below mean minimum shade temperatures.*

Station.	Number of years observations used.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
		°	°	°	°	°	°	°	°	°	°	°	°	°
Srinagar	12-17	8·0	8·5	9·7	9·9	10·8	10·5	10·4	9·9	12·2	11·9	11·2	11·0	10·3
Simla	18-19	4·0	3·3	3·4	5·4	4·1	3·5	2·8	2·1	3·3	4·5	4·6	4·3	3·8
Lahore	33-34	9·6	9·3	8·8	9·2	8·9	6·3	4·0	4·1	6·5	9·7	10·6	10·0	8·1
Jodhpur	13-15	8·8	9·0	8·7	7·8	5·2	2·6	1·9	2·1	4·6	9·3	11·0	9·9	6·7
Allahabad	33-34	11·1	11·5	12·6	12·2	9·0	5·0	3·0	2·6	4·1	9·2	12·4	12·3	8·8
Calcutta (Alipore)	33-34	7·5	6·9	5·8	4·4	3·0	2·1	1·8	1·9	2·5	4·3	6·6	7·9	4·6
Bombay	35	9·6	9·0	7·9	6·4	4·5	2·8	2·1	2·4	3·0	6·2	9·4	10·2	6·1
Leh	26-28	9·2	8·8	10·3	10·8	10·7	10·9	9·4	9·9	11·0	14·2	14·6	11·3	10·9
Ootacamund	7-8	9·5	9·2	8·6	7·1	5·2	3·1	2·0	2·7	3·1	3·7	5·0	8·3	5·6

TABLE 13.—*Departures from the averages of Table 12 of mean monthly and annual depression of nocturnal radiation temperatures in 1910.*

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

Temperature of the ground.

Observations of the temperature of the surface of the ground were recorded during the year 1910 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 the 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 top of the wooden frame by which they are lifted; and in all these the lower part of the frame around the bulb has been cut away, and the lower end fitted with the copper shoe above mentioned.

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

Under these circumstances a table of departures from the average of past years is more likely to give indications of value than a statement of absolute temperatures recorded; such a table is therefore given below. The number of years included in the averages in the different cases lies between 21 and 27.

TABLE 14—*Departures from normal of the mean monthly and annual temperatures of the air and of the ground in 1910.*

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

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 1910.

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 15.

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 1910 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 $\frac{1}{2}$ (maximum + minimum).

Tables 16 to 21 give summaries of the temperature departure data for each month of the year 1910 and for the whole year. In the first set of tables (Tables 16, 17 and 18) the departure data are given for the 14 chief political divisions, and in the last three tables (Tables 19 to 21) the data are given for the 34 sub-divisions:—

TABLE 15.—*Departure from normal of monthly and annual mean air temperatures at first and second class observatories in 1910.*

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

TABLE 16.—*Departure of the mean monthly and annual maximum temperature from the normal in the fourteen chief political divisions of India in 1910, as given by all observatories.*

Division.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
	°	°	°	°	°	°	°	°	°	°	°	°	°
Burma	−1·4	−0·9	−3·6	−3·2	−0·6	0	+0·6	+0·6	−0·6	−1·0	−0·5	−0·7	−0·9
Eastern Bengal and Assam	−0·8	+0·7	−1·0	−1·5	+0·2	−0·6	−1·5	+0·1	+0·9	−0·9	+0·2	−0·2	−0·4
Bengal	−1·5	+0·7	−0·1	+0·1	+0·4	−1·2	−0·1	+0·4	0	−1·1	−0·9	−0·2	−0·3
United Provinces	−1·3	+1·9	+0·6	−1·3	+0·4	−2·0	+1·1	+0·1	−1·0	−2·7	−2·0	−0·8	−0·6
Punjab	−1·2	+1·7	−1·4	−4·9	+0.2	−0·6	−1·9	−2·2	−0·2	−1·4	−0·3	−2·0	−1·2
North-West Frontier Province	−2·3	+0·9	−3·3	−6·2	−0·7	−1·3	−6·6	−3·5	−1·4	−1·4	−1·1	−2·9	−2·5
Sind	−1·4	+3·1	−0·6	−2·5	−0·8	+0·4	−2·8	+0·5	−1·0	+0·1	+1·2	−1·5	−0·4
Rajputana	−0·9	+3·4	+1·0	−2·4	+0·5	−2·1	−2·2	−1·8	−0·9	−1·8	−0·7	+0·4	−0·6
Bombay	+0·3	+2·0	+0·6	−0·1	−0·3	−1·6	+0·4	−0·8	−1·3	−1·3	−2·2	−0·7	−0·4
Central India	−0·2	+2·3	+0·4	−1·9	−0·3	−2·9	+1·7	+0·3	−1·1	−1·7	−2·3	+1·1	−0·4
Central Provinces	0	+0·5	+0·2	+0·1	0	−2·0	+1·1	−0·1	−2·2	−2·5	−3·2	+1·0	−0·6
Hyderabad	+1·2	+0·5	+0·8	+2·6	+1·4	−0·9	+0·9	+0·4	−2·9	−2·9	−3·5	−1·0	−0·3
Mysore	+1·5	+0·3	+0·6	+2·0	+0·6	+0·1	+1·1	−1·9	−2·9	−1·5	−2·5	−0·7	−0·3
Madras	+1·2	+0·1	+0·1	+1·2	+1·1	−0·5	−0·7	−1·5	−1·5	−1·0	−1·8	−0·6	−0·3

TABLE 17.—*Departure of the mean monthly and annual minimum temperature from the normal in the fourteen chief political divisions of India in 1910.*

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

TABLE 18.—*Departure of mean monthly and annual temperature from the normal in the fourteen chief political divisions of India in 1910.*

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

TABLE 19.—*Departure of the monthly and annual maximum temperature from the normal in 34 sub-divisions of India in 1910.*

Sub-division.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
	°	°	°	°	°	°	°	°	°	°	°	°	°
1. Bay Islands	−1·5	−1·4	−4·7	−4·6	+0·3	−0·5	+1·2	+0·1	−2·2	−2·1	−1·2	−1·0	−1·5
2. Lower Burma	−0·5	−0·6	−3·7	−3·0	−1·0	+0·9	+1·6	+1·0	−0·9	−0·7	−0·5	−0·9	−0·7
3. Upper Burma	−2·5	−1·4	−3·4	−3·4	0	−1·3	−0·7	+0·1	−0·2	−1·4	−0·7	−0·4	−1·3
4. Assam	−0·6	+0·8	−1·5	−3·1	−0·3	−1·5	−3·1	−0·5	+0·5	−2·4	−0·5	−0·1	−1·0
5. Eastern Bengal	−0·9	+0·7	−0·7	−0·8	+0·4	−0·2	−0·8	+0·4	+1·1	−0·3	+0·5	−0·2	−0·1
6. Bengal	−1·1	+0·7	−0·4	+0·3	+0·4	−0·4	+0·2	+0·7	+0·7	−0·7	+0·3	+0·2	+0·1
7. Orissa	−1·4	−0·1	−0·3	−0·3	+0·5	−0·5	+0·5	+0·6	−0·6	−1·9	−1·5	−0·5	−0·5
8. Chota Nagpur	−3·0	+0·7	+1·0	+0·3	0	−2·4	+0·1	+0·6	−0·1	−1·3	−1·2	−0·1	−0·4
9. Bihar	−0·9	+1·6	−0·3	−0·2	+0·5	−2·0	−1·3	−0·2	−0·2	−0·7	−1·5	−0·4	−0·5
10. United Provinces, East	−1·3	+1·8	+0·7	−0·4	+0·1	−2·7	+0·9	+0·3	−0·7	−1·7	−2·5	−0·7	−0·5
11. Do. do. West.	−1·3	+1·9	+0·6	−2·0	+0·7	−1·4	+1·2	−0·1	−1·3	−3·7	−1·7	−0·9	−0·7
12. Punjab, East and North	−1·4	+1·5	−1·3	−4·7	+0·1	−0·8	−1·6	−2·4	−0.7	−2·2	−0·4	−1·7	−1·3
13. Punjab, Southwest	−0·8	+2·5	−1·7	−5·4	+0·4	−0·2	−2·8	−1·8	+0·9	+0·3	−0·2	−2·7	−1·0
14. Kashmir	−1·7	+0·5	−0·7	−4·5	+0·5	−0·1	−0·2	+0·3	+2·5	+2·7	+0·2	−3·5	−0·3
15. North-West Frontier Province	−2·3	+0·9	−3·3	−6·2	−0·7	−1·3	−6·6	−3·5	−1·4	−1·4	−1·1	−2·9	−2·5
16. Baluchistan	−2·7	+4·3	−3·7	−4·7	−0·3	+0·7	−1·3	+1·2	+0·5	+1·7	+0·6	−7·3	−0·9
17. Sind	−1·4	+3·1	−0·6	−2·5	−0·8	+0·4	−2·8	+0·5	−1·0	+0·1	+1·2	−1·5	−0·4
18. Rajputana, West	−0·1	+4·5	+0·8	−3·3	−0·1	−0·6	−2·3	−1·8	−0·8	−1·1	+1·4	−0·4	−0·3
19. Do. East	−1·2	−3·0	+1·1	−2·0	+0·7	−2·8	−2·2	−1·7	−0·9	−2·2	−1·2	+0·8	−0·7
20. Gujarat	−0·4	+2·6	+1·3	−1·1	−1·1	−3·2	−1·0	−1·6	+0·3	−0·7	−1·2	−0·4	−0·5
21. Central India, West	+0·3	+1·9	+0·2	−2·7	−1·7	−3·1	−0·6	+0·2	−1·5	−1·5	−2·0	+1·5	−0·7
22. Do., East	−0·8	+2·7	+0·6	−1·1	+1·1	−2·7	+2·8	+0·4	−0·7	−1·9	−2·6	+0·7	−0·1
23. Berar	+0·5	+0·7	+0·5	+0·5	+0·1	−1·5	+1·5	−0·5	−3·1	−2·1	−3·1	+1·5	−0·4
24. Central Provinces, West	0	+1·0	+0·2	−0·5	0	−2·2	+1·1	+0·1	−1·9	−2·4	−3·3	+1·3	−0·5
25. Do., East	−0·3	−0·7	−0·1	+1·1	−0·1	−2·1	+0·7	−0·3	−2·1	−2·9	−2·8	−0·3	−0·8
26. Konkan	0	+2·1	−0·2	−0·5	−0·8	−1·1	+0·6	−0·1	−1·7	−1·4	−2·5	−2·0	−0·6
27. Bombay Deccan	+1·3	+1·0	+0·4	+1·4	+1·0	0	+1·6	−0·5	−2·8	−2·0	−3·3	0	−0·2
28. Hyderabad, North	+1·2	+0·9	+1·3	+2·1	+2·3	−1·5	+0·7	−0·2	−3·0	−3·7	−4·3	−0·9	−0·4
29. Do., South	+1·3	+0·5	+0·5	+2·9	+1·1	−0·5	+1·1	+0·7	−2·9	−2·5	−2·7	−1·0	−0·1
30. Mysore	+1·5	+0·3	+0·6	+2·0	+0·6	+0·1	+1·1	−1·9	−2·9	−1·5	−2·5	−0·7	−0·3
31. Malabar	+0·3	+0·2	−0·8	−0·4	0	−0·7	+0·1	−0·9	−1·5	−1·2	−2·8	−1·4	−0·8
32. Madras, Southeast	+1·3	0	+0·5	+1·5	+1·4	−0·4	−1·3	−2·4	−1·0	+0·4	−0·9	+0·2	−0·1
33. Do., Deccan	+2·0	+0·7	+0·6	+2·7	+0·9	−0·1	+0·6	−0·1	−3·3	−2·2	−3·0	−1·6	−0·2
34. Do., Coast, North	+1·2	−0·1	−0·2	+0·9	+1·7	−0·9	−1·3	−0·9	−1·5	−3·0	−1·7	−0·7	−0·5

TABLE 20.—*Departure of the monthly and annual minimum temperature from the normal in 34 sub-divisions of India in 1910.*

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

TABLE 21.—*Departure of the mean monthly and annual temperature from the normal in 34 sub-divisions of India in 1910.*

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

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.—Like the corresponding season of 1909 the cold weather period of 1910 was characterized by an almost complete failure of the winter rains. Indeed Kashmir, the North-West Frontier Province and Bengal were the only areas in northern and central India where the season's total precipitation approached or surpassed the normal value. In the United Provinces, Central India, Rajputana West and the Central Provinces the quantity received was barely 30 per cent. of the average. In Lower Burma there was more than the normal amount, but in Madras, Mysore, the Deccan and Bombay rainfall was everywhere deficient and in several places altogether absent.

The deviations from normal of temperature were as usual conditioned chiefly by the abnormalities of cloud and precipitation, and were over the greater part of the country of opposite characters in January and February.

On the average of the two months nights were slightly cooler and days somewhat warmer than usual in most parts of the plains of India. Mean daily temperature accordingly differed but little from the normal, the provincial departures being less than 1° in magnitude in all cases.

TABLE 22.

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

In the mountain zone bordering upper India the departures from the normal of temperature were very irregular, an indication that they were determined by local rather than general actions. In Persia temperature was generally high, both by day and by night.

TABLE 23.

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

Owing to the almost complete absence of storms of the usual cold weather type temperature conditions were on the whole less variable than is ordinarily the case. The only noteworthy changes occurred over northern India during the course of the third week in January, and were connected with a storm which crossed into Sind from the west on the 13th. A fairly well-marked warm wave preceded this disturbance and an intense cold wave followed it. The effects of the cold wave were most marked in Baluchistan, where unprecedentedly low temperatures were recorded on the 15th and 17th. Thus the thermometer fell to zero at Chaman on the early morning of the 15th and to 3·0° at Quetta on the 17th, while the thermometer at Quetta never rose beyond 11° on the 15th, even at the hottest time of day.

In the plains of northern India the greatest cold of the year occurred during the last twelve days of December, and not, as is normally the case, in the cold season proper

II.—The hot weather period.—In India proper the period March to May was almost as dry as the previous two months, but in Burma the normal rainfall was much exceeded. The persistent prevalence of dry weather in the winter and spring months was followed by an early advance of the monsoon over the Bay during the last week of May.

Temperature approximated closely to the normal in the terminal months of the season, but was appreciably below the normal, particularly by day, in Burma and the greater part of northern and central India during April, in which month no less than five depressions of the cold weather type crossed into India from the west and gave light to moderate precipitation in the northern and western districts of northwest India.

The snowfall accompanying these disturbances was neither widespread nor very heavy, and its influence on the temperature conditions in northern India lasted only up to the 8th or 9th of May. Thereafter a very rapid recovery of temperature occurred, so that by the 13th weather had become distinctly hot.

The highest temperatures of the season and of the year in most parts of the country were observed between the 13th and the 25th of May, and at a few stations surpassed those previously recorded. At Jacobabad, usually the hottest place in India, the thermometer rose once to 125° which is 1° lower than the highest reading on record

The rapid transition in May from the low temperature conditions of the first week to the excessive heat of the fourth week constituted one of the most striking features of the meteorology of the season: it was due probably to an unusual freedom of the atmosphere from dust Ordinarily the maximum intensity of the hot weather is reached after a prolonged heating extending over several weeks in April and May.

Taking geographical averages for the whole period, the only noteworthy feature was a slight defect of temperature in Burma, the Punjab and the North-West Frontier Province, more marked by day than by night.

TABLE 24.

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

The low temperature conditions in the plains of upper India extended northwards to Kashgaria, and westwards into Afghanistan and Persia: these were on the whole most pronounced in April.

TABLE 25.

Station.	Departure from normal of period, March to May.		
	Maximum temperature.	Minimum temperature.	Mean temperature.
	°	°	°
Bushire	−3·4	−1·3	−2·3
Tehran	−1·8	−2·1	−1·9
Ispahan	−4·7	−1·2	−2·9
Jask	−2·6	−1·4	−2·0
Muscat	+4·3	−2·0	+1·1
Chaman	−4·4	−4·4	−4·4
Quetta	−1·4	−2·9	−2·1

Station.	Departure from normal of period, March to May.		
	Maximum temperature.	Minimum temperature.	Mean temperature.
	°	°	°
Kabul	−4·1	−2·4	−3·3
Cherat	−4·5	−2·6	−3·5
Murree	−4·4	−1·6	−3·0
Gilgit	−2·8	−2·9	−2·9
Kashgar	−1·5	−1·7	−1·6
Srinagar	−1·8	+0·3	−0·7
Kailang	−1·8	+0·1	−0·9
Simla	−0·4	−1·0	−0·7
Leh	+0·1	−0·3	−0·1
Chakrata	+0·7	−0·5	+0·1
Mukteswar	+0·5	−0·2	+0·1
Darjiling	+0·6	−0·2	+0·2

III.—The south-west monsoon period.—The rainfall of the period was 5 per cent. in excess of the normal, and was on the whole favourably distributed. The rains began on about the average date on the Bombay side, and were in general plentiful. The Arabian Sea current was however by no means steady and breaks were of frequent occurrence. In northeast India the monsoon set in during the last week of May, about a fortnight in advance of the normal date, but was appreciably weaker than usual as measured by the total amount of precipitation produced.

The final withdrawal of the monsoon currents from upper India occurred on the 11th September, *i.e.*, on about the normal date.

Deviations from normal of temperature were very feebly marked in almost all parts of the country and, as is usually the case during the rainy season, were conditioned mainly by those of rainfall and cloud.

Table 26.

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

In the hill districts of northwest India the departures of temperature were in general as small as in the adjacent plains and did not indicate the presence of any abnormal snowfall action.

Table 27.

Station.	Departure from normal of period, June to September.		
	Maximum temperature.	Minimum temperature.	Mean temperature.
	°	°	°
Baghdad	+2·9	+0·1	+1·5
Bushire	−0·9	−0·1	−0·5
Tehran	−0·1	−1·2	−0·7

Station.	Departure from normal of period, June to September.		
	Maximum temperature.	Minimum temperature.	Mean temperature.
	°	°	°
Ispahan	−1·2	+2·0	+0·4
Jask	−0·9	+0·5	−0·2
Muscat	+4·5	−1·3	+1·6
Chaman	−1·1	−1·9	−1·5
Quetta	+1·7	−2·3	−0·3
Cherat	−4·5	−1·7	−3·1
Murree	−2·2	+0·3	−0·9
Gilgit	+1·0	−1·7	−0·3
Kashgar	+1·9	+0·9	+1·4
Srinagar	+0·8	+1·6	+1·2
Simla	−1·6	−0·1	−0·9
Leh	−0·5	+0·7	+0·1
Chakrata	−0·6	0	−0·3
Muktesar	−3·1	−1·5	−2·3
Darjiling	+1·1	+0·7	+0·9

IV.—The retreating southwest monsoon period.—The southwest monsoon rains in Bihar, the United Provinces, Central India and the Central Provinces ended on October 5, and the autumnal rains began on the east coast of the Peninsula thirteen days later. The humid current showed much activity until about the middle of November when it retreated finally from the Bay, about a month before its usual date. The most striking feature of the season was a cyclonic storm which gave late and heavy rain in the Central Provinces, Central India and the east of the United Provinces during the second week of November.

Three disturbances of the cold weather type affected northwest India in December, but their influence on the weather was exerted chiefly in the mountainous region to the west and north.

Notwithstanding the prevalence of unusually dry weather in the plains after the middle of November, the total precipitation of the whole season exceeded the normal in all parts of the country with the exception of Madras Southeast, and northwest India excluding Rajputana East and the Punjab East and North.

(*a*) On the average of the whole season the temperature conditions departed to no significant extent from the normal. Both day and night temperatures inclined to be low over northeast India, the United Provinces, Central India, Rajputana and the Peninsula including the Central Provinces, and day temperatures only in Burma, the Punjab and the North-West Frontier Province.

TABLE 28.

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

(*b*) The lowness of temperature was somewhat more marked in Baluchistan and Kashmir than in the plains of upper India, and was on the whole greater at night than by day.

TABLE 29.

Station.	Departure from normal of period, October to December.		
	Maximum temperature.	Minimum temperature.	Mean temperature.
	°	°	°
Chaman	−2·2	−3·9	−3·1
Quetta	−0·6	−3·2	−1·9
Gilgit	+1·5	−2·1	−0·3
Srinagar	+0·9	−2·1	−0·6
Leh	−1·4	−0·4	−0·9

(*c*) The low temperature conditions extended northwards to Kashgar and westwards into Persia.

TABLE 30.

Station.	Departure from normal of period, October to December.		
	Maximum temperature.	Minimum temperature.	Mean temperature.
	°	°	°
Baghdad	−1·0	−0·5	−0·7
Bushire	−2·8	−1·6	−2·2
Tehran	+0·3	−2·8	−1·3
Ispahan	−4·0	−2·0	−3·0
Jask	−1·0	−0·3	−0·7
Muscat	+5·9 ?	−2·1	+1·9 ?
Cherat	−2·8	−2·2	−2·5
Murree	−1·8	−0·4	−1·1
Kashgar	−1·1	−2·1	−1·6
Simla	−0·7	−0·6	−0·7
Chakrata	+2·5	−0·8	+0·9
Mukteswar	−1·8	−1·3	−1·5
Darjiling	+1·1	0	+0·5

(*d*) A cold wave of moderate intensity advanced from Baluchistan eastwards in the third week of December and it was during the progress of this wave that the lowest temperatures of the year 1910 were recorded in the plains of northern India. Ordinarily the greatest cold occurs in the beginning of the year.

The year.—On the whole 1910 is the coolest year on record since 1894. In February and May alone did the temperature equal or exceed the normal; in all other months it was lower than usual, and markedly so in April, November and December. The deficit was common to the whole country, and was only slightly more pronounced in the day than in the night temperature.

TABLE 31.

Year.	Number of stations.	Mean departure.	Progressive change.
		°	°
1890	85	+0·13	+0·72
1891	72	−0·03	−0·16
1892	74	+0·66	+0·69
1893	68	−1·33	−1·99
1894	66	+0·11	+1·44
1895	69	+0·35	+0·24
1896	67	+1·30	+0·95
1897	75	+0·90	−0·40
1898	75	+0·65	−0·25
1899	52	+0·78	+0·13
1900	50	+1·17	+0·39
1901	50	+0·63	−0·54
1902	49	+1·06	+0·43
1903	46	+0·18	−0·83
1904	46	−0·03	−0·21
1905	46	−0·42	−0·39
1906	45	+0·33	+0·75
1907	23	−0·08	−0·41
1908	157	−0·19	−0·11
1909	137	−0·32	−0·13
1910	139	−0·57	−0·25

The temperature departure for 1908, 09 and 1910 has been derived from the data of first, second and third class stations in Table B, while in previous years it has been derived only from first and second class stations.

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 1910.

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 1910 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 1910 are given in Table 32. 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 32.—*Departure from normal of monthly and annual mean pressure of first and second class stations in 1910.*

Division.	Station.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
		"	"	"	"	"	"	"	"	"	"	"	"	"
BURMA	Rangoon	—·036	—·054	—·016	—·020	—·011	+·007	+·028	—·015	—·074	+·005	—·039	—·020	—·020
BENGAL	Calcutta	—·038	—·048	—·043	—·017	—·008	+·031	+·062	—·011	—·066	—·001	—·029	—·005	—·014
UNITED PROVINCES OF AGRA AND OUDH.	Allahabad	—·021	—·047	—·030	+·005	—·001	+·018	+·057	—·001	—·067	—·028	—·026	—·017	—·018
	Dehra Dun	—·036	—·054	—·033	—·016	—·026	0	—·004	—·017	—·063	—·024	—·030	—·025	—·027
PUNJAB	Lahore	—·030	—·063	+·001	+·006	—·008	+·007	+·030	—·035	—·057	—·020	—·022	—·013	—·015
RAJPUTANA	Jaipur	—·024	—·041	—·014	+·011	+·002	+·001	+·047	—·015	—·064	—·018	—·023	—·011	—·012
BOMBAY	Bombay	—·043	—·048	—·027	—·014	+·040	—·045	+·034	—·034	—·060	—·013	—·016	+·019	—·017
CENTRAL PROVINCES	Nagpur	—·031	—·026	—·022	—·007	+·021	—·005	+·057	—·003	—·057	—·035	—·007	+·016	—·008
HYDERABAD	Hyderabad	—·043	—·037	—·040	—·035	+·011	—·028	+·021	—·021	—·067	—·017	—·016	+·012	—·022
MYSORE	Bangalore	—·045	—·047	—·026	—·002	+·028	—·022	—·007	—·022	—·049	—·019	—·015	+·018	—·017
	Mysore	—·050	—·040	—·029	—·016	+·020	—·007	—·014	—·024	—·046	—·025	—·027	+·005	—·021
MADRAS	Madras	—·047	—·051	—·037	—·030	+·009	—·016	0	—·025	—·058	—·021	—·025	+·023	—·023
BAY ISLANDS	Port Blair	—·041	—·048	—·024	—·025	+·011	—·008	+·008	—·027	—·061	+·009	—·030	—·005	—·020
KASHMIR	Srinagar	—·019	—·034	—·024	—·054	—·012	+·017	+·003	—·012	—·059	—·036	—·053	—·016	—·025
	Leh	+·006	—·037	—·061	—·057	+·007	—·011	—·008	—·003	—·023	—·013	—·039	—·034	—·023
BALUCHISTAN	Quetta	—·026	—·021	0	—·024	+·014	0	+·008	—·020	—·030	—·001	—·014	+·012	—·009
HILL STATIONS EXCLUDING KASHMIR AND BALUCHISTAN.	Simla	—·017	—·015	—·011	—·010	+·017	+·020	+·026	0	—·034	—·017	—·022	—·017	—·007
	Chakrata	—·031	—·022	—·022	—·009	+·011	+·027	+·037	+·014	—·021	—·010	—·018	—·029	—·004
	Katmandu	—·036	—·042	—·035	+·002	+·024	+·030	+·031	+·008	—·037	—·003	—·013	—·008	—·007
	Darjiling	—·055	—·069	—·056	—·050	—·033	—·012	—·023	—·046	—·078	—·051	—·069	—·059	—·050
	Mount Abu	—·044	—·026	—·011	+·002	+·022	—·007	+·052	—·018	—·075	—·030	—·045	+·004	—·015
	Pachmarhi	—·038	—·028	—·017	—·011	+·015	—·020	+·021	—·033	—·057	—·029	—·023	0	—·018
	Chikalda	—·072	—·056	—·038	—·022	+·012	—·013	+·029	—·038	—·085	—·033	—·050	—·041	—·034
EXTRA INDIA	Zanzibar	—·020	—·009	—·033	+·003	+·017	—·008	—·012	—·016	+·007	+·018	+·021	+·002	—·002
	Seychelles	—·023	—·025	—·001	—·002	—·002	—·001	—·037	—·019	—·009	+·031	+·018	+·009	—·005
	Mauritius	—·060	—·034	+·015	—·004	+·003	—·018	—·02[illegible]	—·034	—·021	—·009	+·010	P	P

TABLE 33.—*Departure of the mean monthly pressure from the normal in the fourteen chief political divisions of India in 1910.*

Division.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
	"	"	"	"	"	"	"	"	"	"	"	"	"
Burma	−·041	−·037	−·016	−·017	−·005	+·016	+·034	−·021	−·067	+·005	−·041	−·016	−·017
Eastern Bengal and Assam	−·031	−·042	−·018	−·010	+·013	+·033	+·018	−·011	−·066	−·003	−·028	−·011	−·011
Bengal	−·037	−·041	−·033	−·009	+·002	+·026	+·058	−·014	−·066	−·011	−·022	−·004	−·013
United Provinces	−·031	−·042	−·026	+·006	+·002	+·015	+·038	−·006	−·061	−·010	−·023	−·013	−·013
Punjab	−·028	−·039	0	+·009	+·005	+·018	+·034	−·003	−·049	−·005	−·014	−·004	−·006
North-West Frontier Province	−·043	−·057	−·009	−·010	−·008	−·001	+·019	−·020	−·069	−·031	−·035	−·019	−·024
Sind	−·039	−·058	−·009	+·002	+·020	−·007	+·026	−·030	−·051	−·013	−·023	+·002	−·015
Rajputana	−·029	−·038	−·017	+·008	+·012	+·002	+·048	−·021	−·059	−·011	−·013	−·003	−·010
Bombay	−·043	−·041	−·021	−·007	+·038	−·029	+·031	−·031	−·059	−·013	−·010	+·014	−·014
Central India	−·039	−·041	−·024	+·001	+·011	−·005	+·050	−·018	−·062	−·017	−·015	−·004	−·014
Central Provinces	−·042	−·030	−·025	−·007	+·022	−·001	+·056	−·011	−·064	−·014	−·009	+·008	−·010
Hyderabad	−·043	−·037	−·032	−·025	+·015	−·021	+·030	−·022	−·073	−·023	−·029	+·016	−·020
Mysore	−·039	−·035	−·017	−·010	+·026	−·013	+·002	−·026	−·053	−·020	−·021	+·013	−·016
Madras	−·044	−·041	−·025	−·019	+·018	−·016	+·004	−·024	−·057	−·018	−·015	+·021	−·018
Mean of India	−·037	−·040	−·020	−·006	+·012	+·003	+·037	−·018	−·061	−·011	−·020	0	−·013

I.—The cold weather period.—This season was abnormally dry in most parts of the country, and the barometric pressure was much in defect of the average.

As temperature at the earth's surface was about equal to the normal it is improbable that the low density of the atmosphere was a mere temperature effect.

TABLE 34.

Month.	Departure from normal.	
	8 hours pressure.	Mean temperature.
	"	°
January	—·037	—0·4
February	—·040	+0·1

The deficiency of pressure was not restricted to India, but extended southwards to Mauritius and westwards to Bushire.

TABLE 35.

Station.	Departure of pressure from normal.		
	January.	February.	Period, January and February.
	"	"	"
Mauritius	—·060	—·034	—·047
Seychelles	—·023	—·025	—·024
Zanzibar	—·026	—·012	—·019
Aden	—·004	+·004	0
Perim	—·003	+·020	+·009
Baghdad	—·024	+·017	—·003
Bushire	—·047	—·034	—·041
Jask	—·064	—·040	—·052
Muscat	—·040	—·028	—·034

Pressure was low also in the strata at and above the level of the hill stations in northern and central India, but not to the same extent as in the adjoining plains.

TABLE 36.

Pair of stations.	Departure from normal of vertical pressure differences.		
	January.	February.	Period, January and February.
	"	"	"
Jacobabad and Quetta	—·007	—·064	—·035
Lahore and Leh	—·029	—·024	—·027
Peshawar and Murree	—·006	—·021	—·013
Ludhiana and Simla	—·005	—·020	—·013
Roorkee and Chakrata	+·002	—·006	—·002
Jalpaiguri and Darjiling	—·018	—·015	—·017
Deesa and Mount Abu	—·003	—·017	—·010
Khandwa and Pachmarhi	—·004	—·017	—·011
Madura and Kodaikanal	+·028	+·030	+·029

The peculiarities of the geographical distribution of pressure in India were not of any significance.

TABLE 37.

Division.	Excess of pressure departure over geographical mean for India.		
	January.	February.	Period, January and February.
	"	"	"
Burma	—·004	+·003	—·001
Eastern Bengal and Assam	+·006	—·002	+·002
Bengal	0	—·001	—·001
United Provinces	+·006	—·002	+·002
Punjab	+·009	+·001	+·005
North-West Frontier Province	—·006	—·017	—·011
Sind	—·002	—·018	—·010
Rajputana	+·008	+·002	+·005
Bombay	—·006	—·001	—·003
Central India	—·002	—·001	—·001
Central Provinces	—·005	+·010	+·003
Hyderabad	—·006	+·003	—·001
Mysore	—·002	+·005	+·001
Madras	—·007	—·001	—·004

II.—The hot weather period.—The general deficiency of pressure which had characterized the cold weather season persisted through March and April, though in a modified degree. In May on the other hand the barometer stood ·012″ above its normal height.

TABLE 38.

Month.	Departure from normal of mean 8 hrs pressure.
	″
March	—·020
April	—·006
May	+·012

The deficit of pressure in March and April was chiefly a result of the low density of the strata at and above the level of the observing hill stations. The excessive pressure in May on the other hand was due in northwest India to the high density of the upper strata, and in the Peninsula to that of the stratum below the level of 7,000 feet.

TABLE 39.

Pair of stations.	Departure from normal of vertical pressure differences.			
	March.	April.	May.	Period, March to May.
	″	″	″	″
Jacobabad and Quetta	—·015	+·012	—·029	—·011
Lahore and Leh	+·062	+·077	—·021	+·039
Peshawar and Murree	+·018	+·032	—·004	+·015
Ludhiana and Simla	+·006	+·028	—·021	+·004
Roorkee and Chakrata	+·014	+·036	—·002	+·016
Jalpaiguri and Darjiling	+·016	+·015	+·029	+·020
Deesa and Mount Abu	—·002	+·018	+·015	+·010
Khandwa and Pachmarhi.	—·016	—·009	—·004	—·010
Madura and Kodaikanal	+·027	+·032	+·039	+·033

The local features of the pressure distribution were neither strongly marked nor persistent.

TABLE 40.

Division.	Excess of pressure departure over geographical mean for India.			
	March.	April.	May.	Period, March to May.
	″	″	″	″
Burma	+·004	—·011	—·017	—·008
Eastern Bengal and Assam	+·002	—·004	+·001	0
Bengal	—·013	—·003	—·010	—·009
United Provinces	—·006	+·012	—·010	—·001
Punjab	+·020	+·015	—·007	+·009
North-West Frontier Province	+·011	—·004	—·020	—·004
Sind	+·011	+·008	+·008	+·009
Rajputana	+·003	+·014	0	+·006
Bombay	—·001	—·001	+·026	+·003
Central India	—·004	+·007	—·001	+·001
Central Provinces	—·005	—·001	+·010	+·001
Hyderabad	—·012	—·019	+·003	—·009
Mysore	+·003	—·004	+·014	+·004
Madras	—·005	—·013	+·006	—·004

In Persia and the equatorial regions pressure tended to vary in the same direction as in India.

TABLE 41.

Station.	Departure of pressure from normal.			
	March.	April.	May.	Period, March to to May.
	″	″	″	″
Mauritius	+·015	—·004	+·003	+·005
Seychelles	—·001	—·002	—·002	—·002
Zanzibar	—·026	0	+·007	—·006
Aden	—·016	+·025	+·031	+·013
Perim	+·019	+·032	+·046	+·032
Baghdad	?	—·090	+·009	?
Bushire	—·005	+·006	+·048	+·016
Jask	—·014	—·039?	+·010	—·014
Muscat	+·007	+·002	+·041	+·017

III.—The southwest monsoon period.—Pressure over the Indian land area was in excess of the normal during the first half, and deficient during the second half of the period.

TABLE 42.

Month.	Departure from normal of mean 8 hrs. pressure.
	"
June	+·003
July	+·037
August	—·018
September	—·061

The excess in June and July did not extend beyond the limits of India, and was therefore caused by local rather than general actions. On the other hand the defect in August and September was very widespread, being distinctly shown at the limiting stations of the monsoon region, namely Mauritius, Aden and Baghdad.

TABLE 43.

Station.	Departure of pressure from normal.				
	June.	July.	August.	September.	Period, June to September.
	"	"	"	"	"
Mauritius	—·018	—·025	—·034	—·021	—·025
Seychelles	—·001	—·037	—·019	—·009	—·017
Zanzibar	—·012	—·021	—·019	+·003	—·012
Aden	—·009	+·017	—·014	—·035	—·010
Perim	—·016	—·002	—·014	—·020	—·013
Baghdad	—·058	—·038	—·066	—·52	—·053
Bushire	—·025	+·013	—·023	—·055	—·023
Jask	—·034	—·005	—·054	—·063	—·039
Muscat	—·015	+·014	—·035	—·061	—·024

The most important feature in the local distribution of pressure was a tendency during the period June to August for the barometer to be lower in respect to the normal in the south of the Peninsula, and perhaps also of the Bay, than in Burma and northeast India. This abnormality may possibly have been connected with the weakness of the Bay current, particularly in Burma.

TABLE 44.

Division.	Excess of pressure departure over geographical mean for India.				
	June.	July.	August.	September	Period, June to September.
	"	"	"	"	"
Burma	+·013	—·003	—·003	—·006	0
Eastern Bengal and Assam	+·030	+·011	+·007	—·005	+·011
Bengal	+·023	+·021	+·004	—·005	+·011
United Provinces	+·012	+·001	+·012	0	+·006
Punjab	+·015	—·003	+·015	+·012	+·010
North-West Frontier Province	—·004	—·018	—·002	—·008	—·008
Sind	—·010	—·011	—·012	+·010	—·006
Rajputana	—·001	+·011	—·003	+·002	+·002
Bombay	—·032	—·006	—·013	+·002	—·012
Central India	—·008	+·013	0	—·001	+·001
Central Provinces	—·004	+·019	+·007	—·003	+·005
Hyderabad	—·024	—·007	—·004	—·012	—·012
Mysore	—·016	—·035	—·008	+·008	—·013
Madras	—·019	—·033	—·006	+·004	—·013

The monsoon trough of low pressure, particularly its eastern half, was situated unusually far north during July, in which month the monsoon was very feeble.

The vertical gradient in northern India was nearly normal in June, a month of good rainfall; very strong during July, in which month the monsoon was weak; and below its normal value in August and September both of which were characterized by an excess of rainfall.

TABLE 45.

Pair of stations.	Departure from normal of vertical pressure differences.				
	June.	July.	August.	September	Period, June to September.
	"	"	"	"	"
Jacobabad and Quetta	—·019	+·002	—·017	—·023	—·014
Lahore and Leh	+·016	+·028	—·014	—·034	—·001
Peshawar and Murree	+·005	+·025	0	—·027	+·001
Ludhiana and Simla	—·002	+·007	—·005	—·019	—·005
Roorkee and Chakrata	+·002	+·006	—·026	—·029	—·012
Jalpaiguri and Darjiling	+·026	+·052	+·019	+·005	+·025
Deesa and Mount Abu	—·012	+·017	—·008	—·001	—·001
Khandwa and Pachmarhi	—·017	—·021	—·003	+·009	—·008
Madura and Kodaikanal	+·038	+·015	+·031	+·043	+·032

IV.—**The retreating southwest monsoon period.**—Pressure was lower than usual in October and November, and normal in December.

TABLE 46.

Month.	Departure from normal of mean 8 hrs. pressure.
	"
October	—·011
November	—·020
December	0

The defect in October and November extended westwards as far Bushire and Aden, but not over the Indian Ocean.

TABLE 47.

Station.	Departure of pressure from normal.			
	October.	November.	December.	Period, October to December.
	"	"	"	"
Mauritius	—·009	+ 010	—·002	0
Seychelles	+ ·031	+ ·018	+ ·009	+ ·019
Zanzibar	+ ·022	+ ·030	+ ·006	+ ·019
Aden	—·009	— 002	—·010	—·007
Perim	+ ·001	+ ·007	—·009	0
Baghdad	+ ·034	+ ·010	+ ·075	+ ·030
Bushire	—·017	—·043	+ ·011	—·016
Jask	— 023	— 045	—·001	—·023
Muscat	—·022	—·031	+ ·014	—·013

The local modifications of the pressure distribution in November and December were such as tended to divert the monsoon current in the Bay from Madras to Burma and northeast India; in October the opposite conditions prevailed.

TABLE 48.

Division.	Excess of pressure departure over geographical mean for India.			
	October.	November	December	Period, October to December.
	"	"	"	"
Burma	+ ·016	—·021	—·016	—·007
Eastern Bengal and Assam	+ ·008	—·008	—·011	—·004
Bengal	0	—·002	—·004	—·002
United Provinces	+ ·001	—·003	—·013	—·005
Punjab	+ ·006	+ ·006	—·004	+ ·003
North-West Frontier Province	—·020	—·015	—·019	—·018
Sind	—·002	—·003	+ ·002	—·001
Rajputana	0	+ ·007	—·003	+ ·001
Bombay	—·002	+ ·010	+ ·014	+ 007
Central India	—·006	+ ·005	—·004	—·002
Central Provinces	—·003	+ ·011	+ ·008	+ ·005
Hyderabad	—·012	—·009	+ ·016	—·002
Mysore	—·009	—·001	+ ·013	+ ·001
Madras	—·007	+ ·005	+ ·021	+ ·006

The vertical distribution in November and December in upper India was favourable for an early winter, but in the Sind-Baluchistan region the vertical gradient was very weak.

TABLE 49.

Pair of stations.	Departure from normal of vertical pressure differences.			
	October.	November.	December.	Period, October to December.
	"	"	"	"
Jacobabad and Quetta	—·022	—·019	—·021	—·021
Lahore and Leh	—·002	+ ·017	+ ·039	+ 018
Peshawar and Murree	—·015	— 004	+ ·015	—·001
Ludhiana and Simla	+ ·010	+ ·018	+ ·024	+ ·017
Roorkee and Chakrata	+ ·005	+ ·006	+ ·019	+ ·010
Jalpaiguri and Darjiling	+ ·021	+ ·012	+ ·010	+ ·014
Deesa and Mount Abu	+ 021	+ ·015	+ ·005	+ ·014
Khandwa and Pachmarhi	+ ·003	+ ·011	—·009	+ ·002
Madura and Kodaikanal	+ ·030	+ ·060	+ ·048	+ ·046

The year—The low pressure which, with a brief interruption, had prevailed over the Indian region during the last seven months of 1909, was prolonged till April, after which for three months the pressure ruled above the average. A deficiency of pressure was re-established in August and lasted up to November.

TABLE 50.

Month.	Departure from normal of Pressure.	Departure from normal of Mean temperature.
	"	°
January	—·037	—0·4
February	—·040	+0·1
March	—·020	—0·6
April	—·006	—1·2
May	+·012	0
June	+·003	—0·8
July	+·037	—0·4
August	—·018	—0·2
September	—·061	—0·3
October	—·011	—0·7
November	—·020	—1·3
December	0	—0·9
YEAR	—·013	—0·6

The low pressure conditions of the year extended far beyond the limits of India as will be seen from the following statement:—

TABLE 51.

Station.	Departure from normal of pressure.
	"
Mauritius	—·015
Seychelles	—·005
Zanzibar	—·004
Aden	—·002
Perim	+·005
Baghdad	—·017*
Bushire	—·014
Jask	—·31
Muscat	—·13

* Mean of 11 months.

It is obvious from the data that the determining actions of the deficiency of pressure were of a general nature.

On the average of the entire year the defect of pressure in India was even more marked at the level of the hill stations; this is an indication that it was due to the condition of the upper strata of the atmosphere.

TABLE 52.

Pair of stations.	Departure from normal of vertical pressure differences.
	"
Jacobabad and Quetta	—·019
Lahore and Leh	+·010
Peshawar and Murree	+·001
Ludhiana and Simla	+·002
Roorkee and Chakrata	+·002
Jalpaiguri and Darjiling	+·014
Deesa and Mount Abu	+·004
Khandwa and Pachmarhi	—·006
Madura and Kodaikanal	+·035

Below are given the departures and progressive changes of pressure in the Indian land area during the past 36 years.

TABLE 53.

YEAR.	Number of stations.	Departure of mean pressure.	Progressive variation.
		"	"
1875	33	—·007	...
1876	35	—·007	0
1877	59	+·032	+·039
1878	65	+·002	—·030
1879	81	—·014	—·016
1880	93	—·003	+·011
1881	93	+·002	+·005
1882	93	—·010	—·012
1883	105	—·005	+·005
1884	107	+·010	+·015
1885	113	+·014	+·004
1886	118	—·003	—·017
1887	117	—·006	—·003

Year.	Number of stations.	Departure of mean pressure.	Progressive variation.
		"	"
1888	109	+·011	+·017
1889	76	+·004	—·007
1890	77	—·009	—·013
1891	72	+·010	+·019
1892	72	—·022	—·032
1893	66	—·001	+·021
1894	66	—·012	—·011
1895	66	+·003	+·015
1896	68	—·001	—·004
1897	74	—·005	—·004
1898	74	—·018	—·013
1899	51	+·004	+·022
1900	49	+·010	+·006
1901	47	+·005	—·005
1902	46	+·011	+·006
1903	46	+·001	—·010
1904	46	—·003	—·004
1905	46	+·009	+·012
1906	45	—·002	—·011
1907	23	—·003	—·001
1908	152	0	+·003
1909	136	—·004	—·004
1910	139	—·013	—·009

STORMS.

Below is given a statement, drawn up in the same form as in previous years, of the cyclonic storms formed in the Indian seas during 1910. The tracks of the storms are given in Plate VI at the end of the Summary.

BAY OF BENGAL.

No.	Month.	Date.	Greatest observed barometric depression.	Character of storm.	Details of storm.
1	April	13th to 16th.	At least 1·3″	Probably an intense cyclone with a calm centre.	This storm was generated to the west of the Andamans on the 12th. It developed rapidly on the 13th and 14th while travelling in a northerly direction, and by the morning of the 15th pressure at the centre had fallen about an inch below the normal. The centre advanced with unusual rapidity during the day towards the Arakan coast which it crossed at about 2 hrs. of the 16th between Akyab and Kyaukpyu, producing a fall in the barometric pressure of one inch and a quarter at the former station, and of over half an inch at the latter. It filled up rapidly in its passage across the Arakan Yoma, so that at 8 hrs. of the 16th only a shallow depression in the neighbourhood of Mandalay marked its existence. The steamers *Quiloa* and *Paknam*, which were involved on the 15th in the inner storm area, experienced winds of hurricane violence with dangerous seas to terrific. The storm was in some respects the most remarkable of recent years. It formed unusually early in the year, being in fact the first instance since 1869 of a storm in the Bay during the first half of April, and it travelled on the 15th with the exceptionally high velocity of over 20 miles an hour.
2	July	1st to 7th.	At least ·6″	Severe.	This storm appeared over the head of the Bay on the 1st: its depth was small on this day, but it increased rapidly during the next 48 hours, and on the morning of the 3rd the barometer in the central region stood about half an inch below the normal. According to available information movement in a west-north west direction was developed on the 2nd and by 17 hrs on the 3rd the centre had struck the coast between Balasore and False Point. As is usually the case, the storm weakened considerably after its passage inland; it continued however to travel in the same direction as hitherto, and on the morning of the 4th was passing through Chota Nagpur and the adjacent districts of the Central Provinces. Its path became somewhat more northerly during the next twenty-four hours and on the morning of the 5th it had reached the neighbourhood of Seoni; on the 6th its central area lay between Deesa and Ahmedabad, and on the following day over Cutch and the districts to the north. It diminished rapidly in intensity during the day, and on the morning of the 8th its continued existence was indicated by a very shallow residual depression. The storm, although of the normal monsoon type, was in the earlier stages, unusually severe for July, winds of almost hurricane violence being recorded on board the *L. V. Canopus* on the afternoon of the 3rd. Also there is evidence that it had a fairly well developed calm centre which passed over or close to the *Canopus* at about 14 hrs. Heavy rain occurred on the south side of the storm track in the belt of country stretching from Orissa to lower Sind, and but little rain fell to its north.
3	August	1st to 6th.	·5″	Cyclonic storm of considerable intensity.	This storm was the development of a low pressure wave which preceded an advance of monsoon winds up the west of the Bay during the last six days of July. The concentration occurred on the 1st August when the low pressure area was off Orissa. The centre crossed the coast near False Point at about 2 hrs. on the 3rd and moving in a north-westerly direction was in the neighbourhood of Pendra at 8 hrs of the 4th. As is usually the case, it became much reduced in severity during its passage inland. The northwestward movement was maintained during the next 24 hours, and on the morning of the 5th it had reached the vicinity of Saugor. The path became almost due north during the following 24 hours and on the 6th the centre lay near Agra. The disturbance had however weakened considerably, and disappeared in the course of the day. Heavy rainfall resulted in Orissa and the Central Provinces from its activity, some exceedingly heavy falls being registered in the latter region on the 4th and 5th.
4	November.	3rd to 6th.	·25″	Cyclonic storm of moderate intensity.	This storm was generated on the 2nd and 3rd to the northeast of Ceylon, and thence travelled by a curved path to the north of the Coromandel coast which it crossed near Nellore on the evening of the 6th. The depth, as measured by the departures from normal of pressure was upwards of a third of an inch on the 6th, but diminished rapidly as the disturbance progressed inland, and by the morning of the 8th had

STORMS—*concld.*

No.	Month.	Date.	Greatest observed barometric depression.	Character of storm.	Details of storm.	No.	Month.	Date.	Greatest observed barometric depression.	Character of storm.	Details of storm.
					become reduced to only a tenth of an inch. The disturbance at this stage was in fact nothing more than a diffuse low pressure area covering the west of the Deccan and the north Konkan. The residual depression advanced through Khandesh on the 9th, the Central Provinces on the 10th and 11th and Chota Nagpur on the 12th, into Bihar and the adjacent districts to the east on the 13th. It was very feebly marked on the last three days, its existence in the barometric map being revealed merely by a peculiarity in the lie of isobars. The strongest winds caused by it over the Bay did not exceed force 8, and it was therefore not a severe disturbance. It was, however, remarkable for the unusual path followed on the last three days of its existence, as well as for the unseasonable rain it occasioned in the Central Provinces, Central India and the east of the United Provinces.	5	November.	12th to 15th.	·4″	Cyclonic storm of considerable intensity.	It may be noted that a similar disturbance occurred in October 1887. This storm apparently formed over the centre of the Bay on the 11th and 12th, and advancing in a direction between north and east struck the Arakan coast near Akyab about noon on the 14th—it was broken up soon after. Although the winds actually experienced by vessels were not very strong, there are some grounds for believing that the disturbance was one of considerable intensity with probably a barometric depth of about half an inch.

ARABIAN SEA.

This sea was singularly free from storms throughout the year.

Winds.

The mean direction of the wind and the mean diurnal movement of the air, as measured by Robinson anemometers, are given for all second class stations in Table A in each Monthly Weather Review. The normal values are also stated for the sake of ready comparison. The normal data of these elements, utilized in Table A of the Monthly Reviews of the year 1910 will be found in a collected form in Tables XXII, XXVI and XXVII of Vol. XVII of Indian Meteorological Memoirs. The mean 8 hrs. wind directions for each month are laid down in the first chart in each Monthly Review. They are calculated in the usual manner by finding the resultant of equal winds in the directions actually observed at 8 hrs. and given in Table B in each Monthly Review. As a general rule, the mean 8 hrs. wind directions vary little from the mean wind directions (calculated from the 10 and 16 hrs. wind data) in Table A of the Monthly Reviews, but in some cases and at certain seasons of the year they differ very considerably. The normal values used in Table B have been published 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 1910:—

I—The cold weather period.

(*a*) The rate of air movement was low over northern India, the usual region of the winter storms, but was rather above the average in Mysore and Madras. This feature appears to have been determined mainly by the comparative absence of the usual winter storms.

(*b*) Winds blew with unusual steadiness in the Punjab, Central India and Hyderabad.

II—The hot weather period.

(*a*) Winds were on the whole feebler and less steady than usual in Burma and parts of northeast India, and in May their directions at Diamond Island and Bassein showed an abnormal preponderance of northerly elements, or a deficiency of southerly components. These deviations would suggest that the conditions which ordinarily determine the flow of moist air from the Bay into Burma and northeast India were not operative to the usual extent.

(*b*) Over the greater part of the Peninsula and of northwest and central India winds were much steadier than usual; the rate of movement varied rather irregularly from the normal, but on the whole inclined to be low. The velocity was below the normal throughout on the west coast, an indication that the indraught into the interior was not quite as strong as usual.

(*c*) The southeast trades were rather slow in extending northwards across the central portion of the equatorial belt over the north of which light variable airs were recorded throughout the first three weeks of May. Conditions in May were on the whole approximately normal in the west of the equatorial belt. In the Bay of Bengal an advance of the monsoon occurred during the second half of May, but it was feeble and temporary. In the Arabian Sea the weather was unusually quiet during nearly the whole of May.

III.—The south-west monsoon period.

(*a*) The air movement was on the average of the whole period in defect of the normal at the two extremities of northern India, that is in the Indus Valley and northeast India, and also in Hyderabad, Bombay and Central India: elsewhere the recorded velocities differed little from those proper to the period.

TABLE 54.

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

(*b*) Marked unsteadiness characterized the portion of the Bay current which passes through Burma and Eastern Bengal and Assam. In Sind, Rajputana and Hyderabad also the steadiness was very low, particularly during August.

TABLE 55.

Division.	Departure from normal of wind steadiness.			
	June.	July.	August.	September.
Burma	−11	−18	−14	− 9
Eastern Bengal and Assam.	− 5	− 5	−11	−17
Bengal	− 2	− 2	0	− 3
United Provinces . .	0	+ 4	+ 4	+ 2
Punjab	+ 4	+ 5	+ 1	−
North-West Frontier Province.	+ 3	+ 9	+ 7	− 3
Sind	−12	− 9	−14	− 2
Rajputana . . .	−12	+ 9	−35	+ 6
Bombay . . .	− 2	− 6	− 7	0

Division.	Departure from normal of wind steadiness.			
	June.	July.	August.	September.
Central India . .	− 2	+ 8	− 9	+ 2
Central Provinces . .	− 8	− 2	− 9	+ 5
Hyderabad . . .	+ 7	−13	−20	− 3
Mysore	− 4	−15	+ 1	+11
Madras	+ 5	− 6	− 7	+ 8

(c) The monsoon blew more directly from the south than usual throughout practically the whole period at Port Blair, and on the Pegu coast as represented by Diamond Island and Rangoon; at Moulmein on the other hand the southerly element in the direction was very weak.

TABLE 56.

Station.	Wind direction.							
	June.		July.		August.		September.	
	Actual.	Normal.	Actual.	Normal.	Actual.	Normal.	Actual.	Normal.
	°	°	°	°	°	°	°	°
Port Blair	S 49 W	S 57 W	S 41 W	S 61 W	S 56 W	S 62 W	S 69 W	S 61 W
Diamond Island	S 12 W	S 39 W	S 35 W	S 43 W	S 37 W	S 46 W	S 44 W	S 51 W
Rangoon	S 10 E	S 37 W	S 6 E	S 45 W	S 7 W	S 57 W	S 9 W	S 50 W
Moulmein	N 61 E	S 14 E	S 58 E	S 2 E	S 38 E	S 4 W	S 37 E	S 12 E

(d) During the period June to August the direction of air movement differed to an important extent from the normal in parts of northeast India, being less easterly than usual in Eastern Bengal and along the submontane districts from Purnea to Gorakhpur. A similar deflection was shown at the level of Darjiling.

TABLE 57.

STATION.	WIND DIRECTION.							
	JUNE.		JULY.		AUGUST.		SEPTEMBER.	
	Actual.	Normal	Actual.	Normal.	Actual.	Normal.	Actual.	Normal
	°	°	°	°	°	°	°	°
Barisal	S 3 E	S 17 E	S 3 E	S 14 E	S 11 E	S 17 E	S 37 E	S 27 E
Mymensingh	S 38 E	S 61 E	S 23 E	S 19 E	S 65 E	S 56 E	S 48 E	S 63 E
Bogra	S 35 E	S 66 E	S 29 E	S 48 E	S 62 E	S 55 E	S 73 E	S 49 E
Dinajpur	S 50 E	S 78 E	S 44 E	S 86 E	S 64 E	S 68 E	S 66 E	S 76 E
Purnea	N 75 E	N 84 E	N 66 E	S 81 E	N 69 E	S 89 E	S 63 E	N 88 E
Gorakhpur	N 63 E	N 81 E	S 6 W	N 63 E	N 29 E	S 88 E	N 86 E	N 63 E
Darjiling	N 8 E	S 76 E	N 53 W	S 83 E	S 34 E	N 88 E	S 72 E	S 89 E

The failure of the Bay current to attain its fullest extension was doubtless connected with the abnormalities revealed by the above data.

(*e*) The eastern districts of the United Provinces were dominated to a greater extent than usual by the Arabian Sea current.

TABLE 58.

STATION.	WIND DIRECTON.					
	JUNE.		JULY.		AUGUST.	
	Actual.	Normal.	Actual.	Normal.	Actual.	Normal.
	°	°	°	°	°	°
Allahabad	S 65 W	N 46 E	S 73 W	S 27 W	S 61 W	N 79 W
Benares	S 69 E	S 89 E	S 27 W	S 7 E	S 66 W	S 54 E

(*f*) During the marked breaks in July and August the air movement over the western half of the equatorial region was very unsteady, light and irregular.

TABLE 59.

Date.	Hour.	Name of vessel.	POSITION.		WIND.	
			Lat.	Long.	Direction.	Force.
15th July	8 A.M.	*S. S. Umfuli*	3·38 S	75·00	Var.	5 to 6
16th "	Do.	*Ditto*	6·33 S	73·22	Var.	3
16th August	4 A.M.	*S. S. Afghan Prince*	...	...	E.N.E.	2
Ditto	Noon	*Ditto*	0·41 N	71·13	N.N.E.	2

Date.	Hour.	Name of vessel.	Position.		Wind.	
			Lat.	Long.	Direction.	Force.
16th August	8 P.M.	*S. S. Afghan Prince*	...	...	N.W.	1
Ditto	Midnight.	*Ditto*	...	...	Var.	1
17th August	4 A.M.	*Ditto*	...	...	N.N.E.	2
Ditto	8 A.M.	*Ditto*	2·7 N	74·40	N.W.	3 to 4
19th August	4 A.M.	*S. S. City of Chester*	...	...	S.E.	4
Ditto	Noon	*Ditto*	0·10 S	65·8	Var.	2
Ditto	4 P.M.	*Ditto*	...	...	E.	2
Ditto	Midnight.	*Ditto*	...	...	Var.	2
20th August	4 A.M.	*Ditto*	...	..	Var.	2
Ditto	Noon	*Ditto*	0·50 N.	69·32	N.N.E.	6
Ditto	8 P.M.	*Ditto*	...	...	N. by W.	5
21st August	4 A.M.	*Ditto*	...	...	N.N.E.	2
Ditto	Noon	*Ditto*	1·14 N.	74·06	N.N.W.	2
Ditto	4 P.M.	*Ditto*	...	...	W.	2
Ditto	Midnight.	*Ditto*	...	...	W S.W.	2

Further, Zanzibar recorded variable winds during the first week in July, *i.e.*, before the setting in of a break over India.

In connection with the feebleness of the Bay monsoon, it may be noted that winds were very variable in the central portion of the equatorial belt in June, and during a part of July.

(*g*) The final retreat of the monsoon from the north-west of India followed the setting in of light irregular airs and calms over the west of the equatorial belt.

TABLE 60.

Date.	Hour.	Name of vessel.	Position.		Wind.	
			Lat.	Long.	Direction.	Force.
2nd September	4 A.M.	*S. S. President*	...	...	Var.	2
Ditto	8 A.M.	*Ditto*	1·42 S.	57·15	E.	2
3rd September	8 A.M.	*Ditto*	1·40 N.	59 31	E.	2
Ditto	4 P.M.	*Ditto*	...	...	S.	3
Ditto	8 P.M.	*Ditto*	...	...	S.	2 to 1
Ditto	Midnight.	*Ditto*	...	...	Var.	1
4th September	4 A.M.	*Ditto*	...	...	S.	2
Ditto	8 A.M.	*Ditto*	4·55 N.	62 02	S.W.	2
Ditto	Noon	*Ditto*	5·27 N.	62·27	Var.	2
Ditto	4 P.M.	*Ditto*	...	...	S.W	3 to 4
Ditto	Midnight.	*Ditto*	...	...	S.W.	4

Date.	Hour.	Name of vessel.	Position.		Wind.	
			Lat.	Long.	Direction.	Force.
5th September	4 A.M.	*S. S. Milwankee*	...	...	Var.	1
Ditto	Noon	*Ditto*	7·05 S.	65·26	Var.	2
Ditto	4 P.M.	*Ditto*	...	...	E.	2
Ditto	Midnight	*Ditto*	...	...	Var.	2
6th September	4 A.M.	*Ditto*	...	...	Var.	1
Ditto	Noon	*Ditto*	3·23 S.	66·28	S.	3
Ditto	4 P.M.	*Ditto*	...	...	Var.	3
Ditto	Midnight	*Ditto*	...	...	S.W.	3
4th September	4 A.M.	*S. S. Winkfield*	...	...	E.	1
Ditto	Noon	*Ditto*	5·54 S.	70·07	S.E.	1
5th September	4 A.M.	*Ditto*	...	...	S.S.E.	2
Ditto	Noon	*Ditto*	2·23 S.	73 18	S.	3
Ditto	8 P.M	*Ditto*	...	...	S.W.	4
Ditto	Midnight	*Ditto*	...	...	Var	3
6th September	4 A.M.	*Ditto*	...	...	Var.	3
Ditto	Noon	*Ditto*	1·04 N.	76·47	N.W.	4
Ditto	8 P.M.	*Ditto*	...	...	W.	4

IV.—The retreating south-west monsoon period.

Over the land area of India the air circulation did not present any persistent unusual features.

There is evidence that the southward extension of the north-east monsoon from the Indian seas over the equatorial belt was carried out more rapidly than usual, and it was perhaps owing to this that the autumnal rains in Madras ceased about a month before their normal date.

TABLE 61.

Date.	Hour.	Name of vessel.	Position.		Wind Direction.	
			Lat.	Long.	Actual.	Normal.
28th October	Noon	*S. S. Mohammadi*	2·30 N.	46·23	E.N.E.	E.S.E.
29th October	Do.	*Ditto*	5·06 N.	49·24	N.E. by E.	E.S.E.
30th October	Do.	*Ditto*	8·12 N.	52·08	Calm	E.

Humidity.

The departures from normal of the mean monthly and annual aqueous vapour pressure and relative humidity for the year 1910 are given in Tables 62 and 63. 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 64 and 65) give departure data of aqueous vapour pressure and relative humidity for each month of the year and for the year for the fourteen chief political divisions.

TABLE 62.—*Departure of the monthly and annual mean vapour pressure data of 1910 from average of past years.*

DIVISION.	STATION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
		"	"	"	"	"	"	"	"	"	"	"	"	"
BURMA	Rangoon	—·014	—·010	+·031	—·004	—·044	—·010	—·032	—·007	—·019	—·024	—·007	—·013	—·013
BENGAL	Calcutta	+·009	—·024	+·010	—·005	+·004	—·001	—·028	—·004	—·001	+·050	—·013	—·042	—·004
UNITED PROVINCES OF AGRA AND OUDH.	Allahabad	—·033	—·096	—·125	—·087	—·100	+·007	—·111	—·013	+·053	—·020	+·008	—·043	—·047
	Dehra Dun	+·009	—·028	—·055	—·064	—·030	+·014	+·005	+·001	+·069	+·066	—·001	—·005	—·002
PUNJAB	Lahore	+·025	—·001	—·016	—·009	+·029	+·092	+·044	+·066	—·002	+·010	—·013	—·035	+·016
RAJPUTANA	Jaipur	—·037	—·011	—·030	—·012	—·017	+·090	—·052	+·051	+·062	+·019	—·041	—·052	—·007
BOMBAY	Bombay	—·012	—·052	—·067	—·036	—·014	—·010	—·028	+·002	—·008	—·031	—·080	—·010	—·029
CENTRAL PROVINCES	Nagpur	+·037	—·066	—·069	—·107	—·027	+·052	—·039	—·001	+·025	+·010	—·021	—·002	—·017
HYDERABAD	Hyderabad	—·059	—·144	—·090	—·185	—·107	—·062	—·038	—·017	—·032	+·054	—·062	—·092	—·069
MYSORE	Bangalore	—·007	—·049	—·057	—·069	—·036	—·025	+·004	+·030	+·010	+·038	+·014	—·049	—·016
	Mysore	—·008	—·017	+·047	—·005	+·053	—·004	+·006	+·016	+·014	+·036	—·013	—·059	+·005
MADRAS	Madras	+·030	+·015	—·010	+·010	—·059	—·028	—·045	+·029	+·003	+·024	—·036	—·044	—·009
BAY ISLANDS	Port Blair	—·037	—·031	—·078	—·074	—·051	—·045	—·034	—·032	—·054	—·059	—·066	—·052	—·051
KASHMIR	Srinagar	+·001	—·001	—·011	—·013	+·015	+·008	—·010	+·031	+·053	+·033	—·006	—·022	+·009
	Leh	—·001	+·012	—·008	—·008	—·001	+·022	+·031	+·021	+·032	—·013	—·013	—·003	+·005
BALUCHISTAN	Quetta	—·016	—·038	—·030	—·073	—·049	—·069	—·062	—·045	—·077	—·041	—·038	+·002	—·045
HILL STATIONS EXCLUDING KASHMIR AND BALUCHISTAN.	Simla	—·015	—·036	—·032	—·059	—·030	+·007	—·014	—·007	+·026	+·003	—·030	—·016	—·017
	Chakrata	—·008	—·069	—·018	—·003	+·013	+·054	+·028	—·006	+·045	+·046	—·003	+·016	+·013
	Katmandu	—·009	—·021	—·036	—·054	—·030	—·006	—·026	—·001	+·019	—·002	—·016	—·028	—·017
	Darjiling	—·007	—·008	—·002	—·003	+·002	+·003	—·005	+·011	+·023	+·003	+·004	+·014	+·003
	Pachmarhi	+·016	—·069	—·063	—·066	—·037	+·031	—·031	+·005	+·035	+·009	+·020	+·018	—·011
	Mount Abu	—·022	—·069	—·032	+·008	0	+·042	—·030	+·035	+·022	—·033	—·056	—·037	—·014
	Chikalda	—·012	—·054	—·058	—·050	—·047	—·015	—·037	+·010	+·004	+·021	—·028	+·026	—·020
EXTRA INDIA	Zanzibar	—·043	—·039	—·067	—·043	—·074	—·028	—·051	—·016	—·083	—·070	—·058	—·031	—·050
	Seychelles	—·022	—·026	—·013	—·015	—·047	—·066	—·036	—·038	—·050	—·050	—·059	—·008	—·036
	Mauritius	+·024	—·038	+·021	—·005	—·044	—·058	+·016	—·023	—·011	—·016	—·027	?	?

TABLE 63.—*Departure of the monthly and annual mean relative humidity data of 1910 from the average of past years.*

Division.	Station.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Burma	Rangoon	− 2	− 4	+ 6	+ 2	− 3	− 5	− 8	− 5	− 3	− 4	− 2	− 4	− 3
Bengal	Calcutta	− 1	− 5	− 2	− 2	− 2	0	− 3	− 2	0	+ 3	− 3	− 5	− 2
United Provinces of Agra and Oudh.	Allahabad	− 2	− 4	−11	− 7	− 8	+ 2	−10	0	+ 3	0	+ 3	− 6	− 4
	Dehra Dun	0	− 8	− 9	− 5	− 5	+ 1	+ 3	+ 2	+ 7	+ 8	+ 2	0	0
Punjab	Lahore	+ 4	− 1	− 3	+ 3	− 1	+ 6	+ 2	+ 5	− 2	+ 1	− 2	− 5	+ 1
Rajputana	Jaipur	− 6	− 8	− 7	0	− 5	+ 3	− 8	+ 2	+ 3	+ 3	− 4	−11	− 3
Bombay	Bombay	0	− 6	− 6	− 3	0	+ 2	− 5	+ 1	+ 1	0	− 3	+ 1	− 1
Central Provinces	Nagpur	+ 6	− 5	− 6	− 9	− 1	+10	− 4	+ 1	+ 6	+ 2	+ 1	+ 2	0
Hyderabad	Hyderabad	− 7	−13	− 6	−17	− 8	− 4	− 5	− 4	− 1	+ 9	− 3	− 7	− 6
Mysore	Bangalore	− 3	− 5	− 6	− 6	− 5	− 2	0	+ 5	+ 5	+ 6	+ 6	− 4	− 1
	Mysore	− 1	0	+ 6	− 1	+ 6	+ 1	0	+ 5	+ 4	+ 6	+ 2	+ 1	+ 2
Madras	Madras	0	− 1	+ 1	− 1	− 6	− 1	+ 4	+ 3	− 1	0	− 1	− 3	− 1
Bay Islands	Port Blair	− 2	− 2	+ 2	+ 1	− 5	− 2	− 5	− 3	− 1	− 2	0	− 3	− 2
Kashmir	Srinagar	− 3	− 5	− 1	+ 2	0	− 2	− 4	− 2	− 3	− 4	− 5	− 5	− 3
	Leh	0	− 6	− 6	0	− 4	+ 2	+ 6	+ 5	+ 6	− 6	− 6	+ 4	0
Baluchistan	Quetta	+ 1	−17	− 1	− 3	− 3	− 4	− 2	− 3	− 1	+ 1	− 3	+11	− 2
Hill stations excluding Kashmir and Baluchistan.	Simla	− 6	−12	− 7	− 7	− 6	+ 5	+ 4	+ 3	+ 8	+ 2	− 6	− 2	− 2
	Chakrata	− 6	− 6	− 5	+ 3	− 1	+10	+ 6	+ 1	+ 7	+ 8	− 1	+ 4	+ 2
	Katmandu	+ 1	− 5	− 7	− 8	− 5	+ 1	+ 1	− 1	− 1	− 1	0	0	− 2
	Darjiling	− 1	− 6	− 2	− 1	− 2	0	0	0	− 2	0	− 1	+ 5	− 1
	Pachmarhi	+ 2	−11	− 7	− 7	− 5	+ 9	− 4	0	+ 8	+ 6	+12	+10	+ 1
	Mount Abu	− 5	−11	− 8	+ 4	0	+ 7	+ 1	+ 5	+ 3	− 3	− 8	− 7	− 2
	Chikalda	0	− 5	− 5	− 4	− 3	− 3	− 9	− 1	+ 4	+ 7	+ 3	+ 7	− 1
Extra India	Zanzibar	0	−14	− 7	− 1	− 5	− 3	− 5	− 5	−10	− 7	− 6	− 3	− 5
	Seychelles	− 5	− 5	− 2	− 2	− 5	− 6	− 4	− 4	− 4	− 5	− 7	− 1	− 4
	Mauritius	+ 2	− 2	+ 3	− 1	− 2	− 5	0	− 2	0	− 1	+ 1	P	P

TABLE 64.—*Departure of the mean monthly aqueous vapour pressure from the normal in the fourteen chief political divisions of India in 1910.*

Division.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
	"	"	"	"	"	"	"	"	"	"	"	"	"
Burma	+ ·014	+ ·002	+ ·012	+ ·017	— ·016	0	— ·013	+ ·011	— ·004	+ ·001	+ ·030	+ ·006	+ ·005
Eastern Bengal and Assam	— ·018	— ·023	— ·009	— ·024	— ·035	— ·010	— ·036	— ·003	+ ·005	+ ·003	— ·022	— ·024	— ·016
Bengal	+ ·008	— ·032	— ·001	— ·036	— ·034	+ ·002	— ·028	— ·006	+ ·016	+ ·028	— ·038	— ·040	— ·013
United Provinces	— ·007	— ·052	— ·054	— ·057	— ·008	+ ·048	— ·038	+ ·004	+ ·071	+ ·048	— ·004	— ·033	— ·007
Punjab	+ ·008	— ·023	— ·049	— ·063	— ·054	— ·002	— ·011	+ ·038	+ ·018	+ ·027	— ·007	— ·022	— ·012
North-West Frontier Province	+ ·014	— ·025	— ·059	— ·067	+ ·017	— ·002	+ ·035	+ ·042	+ ·053	+ ·050	+ ·011	— ·025	+ ·004
Sind	+ ·012	+ ·021	+ ·006	— ·011	— ·023	+ ·029	+ ·007	+ ·015	+ ·015	+ ·100	+ ·057	+ ·006	+ ·019
Rajputana	— ·020	— ·031	— ·035	— ·041	— ·055	+ ·029	— ·040	+ ·010	+ ·008	+ ·004	— ·046	— ·055	— ·020
Bombay	— ·021	— ·074	— ·055	— ·070	— ·036	+ ·001	— ·021	+ ·013	— ·015	— ·021	— ·052	— ·033	— ·032
Central India	— ·031	— ·091	— ·058	— ·103	— ·035	— ·049	— ·043	+ ·009	+ ·041	+ ·038	+ ·016	— ·007	— ·018
Central Provinces	+ ·008	— ·099	— ·111	— ·176	— ·083	+ ·023	— ·039	— ·005	+ ·008	+ ·005	— ·020	— ·013	— ·042
Hyderabad	— ·037	— ·111	— ·073	— ·167	— ·063	— ·050	— ·039	— ·021	— ·027	— ·001	— ·079	— ·072	— ·062
Mysore	+ ·004	— ·023	+ ·005	— ·015	+ ·007	— ·008	+ ·008	+ ·025	— ·007	+ ·016	— ·004	— ·027	— ·002
Madras	— ·006	— ·038	— ·023	— ·016	— ·001	— ·001	+ ·014	+ ·007	— ·018	+ ·010	— ·036	— ·079	— ·016
Mean of India	— ·006	— ·044	— ·036	— ·058	— ·034	+ ·008	— ·022	+ ·010	+ ·008	+ ·015	— ·019	— ·031	— ·017

TABLE 65.—*Departure of the mean monthly and annual relative humidity from the normal in the fourteen chief political divisions of India in 1910.*

Division.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Burma	+ 4	+ 2	+ 7	+ 6	0	0	− 1	− 1	+ 1	+ 1	+ 3	+ 2	+ 2
Eastern Bengal and Assam	− 3	− 4	− 1	− 1	− 3	− 1	− 1	− 1	− 2	0	− 3	− 3	− 2
Bengal	+ 2	− 2	− 1	− 1	− 2	+ 1	− 2	− 2	+ 1	+ 3	− 3	− 3	− 1
United Provinces	+ 2	−10	− 8	− 3	− 1	+ 2	− 5	0	+ 5	+ 5	0	− 5	− 1
Punjab	+ 5	− 6	− 8	− 1	− 5	+ 1	+ 1	+ 5	+ 1	+ 4	0	− 4	− 1
North-West Frontier Province	+ 7	− 7	−13	0	+ 1	+ 1	+ 7	+ 5	+ 4	+ 7	+ 3	− 9	+ 1
Sind	+ 1	− 3	− 2	0	− 1	+ 1	+ 3	+ 1	+ 3	+ 11	+ 9	− 2	+ 2
Rajputana	+ 4	− 3	− 3	+ 2	− 3	+ 6	+ 2	+ 7	+ 2	+ 4	+ 1	− 9	+ 1
Bombay	− 2	−10	− 9	− 6	− 2	+ 3	− 1	+ 3	+ 1	0	− 2	− 1	− 2
Central India	− 3	−16	− 8	− 7	0	+ 9	− 4	+ 2	+ 6	+ 8	+ 9	+ 1	0
Central Provinces	+ 1	−14	−14	−13	− 6	+ 5	− 5	− 1	+ 4	+ 3	+ 3	+ 1	− 3
Hyderabad	− 7	−12	−10	−16	− 7	− 1	− 3	− 1	+ 4	+ 5	− 1	− 1	− 4
Mysore	+ 1	− 3	+ 3	− 3	+ 1	+ 1	+ 1	+ 5	+ 1	+ 5	+ 4	+ 3	+ 2
Madras	− 1	− 3	− 1	− 2	− 1	+ 1	+ 3	+ 3	+ 1	+ 3	0	− 3	0
Mean of India	+ 1	− 6	− 4	− 3	− 2	+ 2	− 1	+ 1	+ 2	+ 3	+ 1	− 2	− 1

I.—The cold weather period.

On the mean of the period, humidity, both relative and absolute, inclined to be low over by far the greater part of India proper. The dryness was on the whole most marked in the divisions of Bombay, Central India, the Central Provinces and Hyderabad, in which rainfall was almost wanting.

TABLE 66.

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.
	"	"	"			
Burma	+·014	+·002	+·008	+4	+2	+3
Eastern Bengal and Assam.	—·018	—·023	—·021	—3	—4	—3
Bengal	+·008	—·032	—·012	+2	—2	0
United Provinces	—·007	—·052	—·029	+2	—10	—4
Punjab	+·008	—·023	—·007	+5	—6	—1
North-West Frontier Province	+·014	—·025	—·005	+7	—7	0
Sind	+·012	+·021	+·017	+1	—3	—1
Rajputana	—·020	—·031	—·025	+4	—3	+1
Bombay	—·021	—·074	—·047	—2	—10	—6
Central India	—·031	—·091	—·061	—3	—16	—9
Central Provinces	+·008	—·099	—·045	+1	—14	—7
Hyderabad	—·037	—·111	—·074	—7	—12	—9
Mysore	+·004	—·023	—·009	+1	—3	—1
Madras	—·006	—·038	—·022	—1	—3	—2

The dryness was not restricted to the lower strata, for at most of the hill stations the vapour pressure and relative humidity ranged quite as much below the average as in the plains below. In Persia the conditions were variable.

TABLE 67.

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	—·009	—·039	—·024	—1	—3	—2
Baghdad	—·011	?	?	—2	?	?
Aden	—·004	—·027	—·015	+2	+1	+1
Bushire	+·015	+·028	+·021	+8	+8	+8
Tehran	+·023	+·003	+·013	+9	+10	+9
Ispahan	—·013	—·039	—·026	—3	—7	—5
Jask	—·018	—·031	—·025	+1	—2	—1
Muscat	—·016	+·026	+·005	0	—1	—1
Chaman	+·001	—·016	—·007	+3	—12	—5
Quetta	—·013	—·022	—·017	0	—13	—7
Cherat	+·010	—·039	—·015	0	—13	—7
Murree	—·007	—·021	—·014	—9	—9	—9
Gilgit	+·029	—·003	+·013	—1	—2	—1
Srinagar	+·002	+·009	+·005	—4	—3	—3
Simla	—·010	—·025	—·017	—6	—10	—8
Leh	+·007	+·018	+·013	+7	+10	+9
Chakrata	—·012	—·014	—·013	—6	—11	—9
Mukteswar	...	...	...	—15	—14	—14
Darjiling	+·003	—·010	—·003	—1	—10	—5
Mount Abu	—·010	—·067	—·039	—1	—17	—9
Pachmarhi	+·053	—·055	—·001	+15	—8	+3

II.—The hot weather period.

In India proper this too was a dry period, and, as in the cold weather season, the region of greatest dryness comprised Central India, the Central Provinces, Bombay and Hyderabad.

TABLE 68.

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	+·012	+·017	—·016	+·004	+7	+6	0	+4
Eastern Bengal and Assam	—·009	—·024	—·035	—·023	—1	—1	—3	—2
Bengal	—·001	—·036	—·034	—·024	—1	—1	—2	—1
United Provinces	—·054	—·057	—·008	—·040	—8	—3	—1	—4
Punjab	—·049	—·063	—·054	—·055	—8	—1	—5	—5
North-West Frontier Province	—·059	—·067	+·017	—·036	—13	0	+1	—4
Sind	+·006	—·011	—·023	—·009	—2	0	—1	—1
Rajputana	—·035	—·041	—·055	—·044	—3	+2	—3	—1
Bombay	—·055	—·070	—·036	—·054	—9	—6	—2	—6
Central India	—·058	—·108	—·035	—·067	—8	—7	0	—5
Central Provinces	—·111	—·176	—·083	—·123	—14	—13	—6	—11
Hyderabad	—·073	—·167	—·063	—·101	—10	—16	—7	—11
Mysore	+·005	—·015	+·007	—·001	+3	—3	+1	0
Madras	—·023	—·016	—·001	—·013	—1	—2	—1	—1

In the hill districts the conditions were similar in their general character to those of the adjacent plains. In Persia the departures from the normal were irregular.

TABLE 69.

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	+·006	—·021	—·023	—·013	+3	0	0	+1
Baghdad	...	—·044	—·064	...	...	—8	—6	...
Aden	+·036	+·015	—·026	+·008	+4	+3	0	+2
Bushire	—·015	+·015	—·031	—·010	+12	+9	—1	+7
Tehran	—·016	—·021	+·049	+·004	+22	+9	+18	+16
Ispahan	—·078	—·089	—·117	—·095	—6	—5	—6	—6
Jask	—·097	—·109	—·062	—·089	—4	+1	+6	+1
Muscat	+·025	—·109	—·043	—·042	+3	—9	—3	—3
Chaman	—·030	—·096	+·018	—·036	—2	—21	0	—8
Quetta	—·014	—·069	—·067	—·050	—3	—7	—8	—6
Cherat	—·043	—·063	+·002	—·035	—8	0	+2	—2
Murree	—·018	—·040	+·016	—·014	—4	+2	+4	+1
Gilgit	+·005	+·009	—·019	—·002	+2	+8	—4	+2
Srinagar	—·010	—·039	+·007	—·014	—3	0	0	—1

TABLE 69—*concld.*

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.
	"	"	"	"				
Simla	—·012	—·041	—·023	—·025	—6	—4	—5	—5
Leh	+·011	—·001	—·009	0	+6	+1	—7	0
Chakrata	—·011	0	+·009	—·001	—6	+4	+2	0
Mukteswar	...	...	...	...	—6	—8	—1	—5
Darjiling	+·003	—·027	—·019	—·014	—5	—6	—3	—5
Mount Abu	—·021	+·023	+·011	+·004	—7	+5	—1	—1
Pachmarhi	—·059	—·076	—·018	—·051	—7	—6	—1	—5

III.—The south-west monsoon period.

The anomalous features of the hygrometric conditions were intimately connected with the abnormalities of rainfall: thus humidity, both relative and absolute, was high over the greater part of the country in June, August and September, in which months the monsoon was on the whole more vigorous than usual; and was in general low in July which was characterized by a marked deficiency of rainfall.

On the mean of the whole period the departures from normal were of no great significance.

TABLE 70.

Division.	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.
	"	"	"	"	"					
Burma	0	—·013	+·011	—·004	—·001	0	—1	—1	+1	0
Eastern Bengal and Assam	—·010	—·036	—·003	+·005	—·011	—1	—1	—1	—2	—1
Bengal	+·002	—·028	—·006	+·016	—·004	+1	—2	—2	+1	—1
United Provinces	+·048	—·038	+·004	+·071	+·021	+2	—5	0	+5	+1
Punjab	—·002	—·011	+·038	+·018	+·011	+1	+1	+5	+1	+2
North-West Frontier Province	—·002	+·035	+·042	+·053	+·032	+1	+7	+5	+4	+4
Sind	+·029	+·007	+·015	+·015	+·017	+1	+3	+1	+3	+2
Rajputana	+·029	—·040	+·040	+·008	+·009	+6	+2	+7	+2	+4
Bombay	+·001	—·021	+·013	—·015	—·005	+3	—1	+3	+1	+1
Central India	+·049	—·043	+·009	+·041	+·014	+9	—4	+2	+6	+3
Central Provinces	+·023	—·039	—·005	+·008	—·003	+5	—5	—1	+4	+1
Hyderabad	—·050	—·039	—·021	—·027	—·034	—1	—3	—1	+4	0
Mysore	—·008	+·008	+·025	—·007	+·005	+1	+1	+5	+1	+2
Madras	—·001	+·014	+·007	—·018	+·001	+1	+3	+3	+1	+2

The air at the level of the hill stations in northern India was alsotslightly more humid than usual. On the other hand in Baluchistan, which is usually beyond the influence of the south-west monsoon, the air was drier than usual in both respects. At Aden the quantity of vapour in the air was in excess of the normal.

TABLE 71.

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.
	"	"	"	"	"					
Perim	+·026	—·047	—·003	+·006	—·005	+ 4	— 1	+ 2	+ 2	+ 2
Baghdad	—·188	—·229	—·221	—·145	—·196	—15	—16	—14	—12	—14
Aden	+·042	+·047	+·102	+·079	+·067	+ 1	0	+ 6	+ 5	+ 3
Bushire	+·037	+·015	—·031	+·037	+·015	+ 8	+ 5	0	+ 8	+ 5
Tehran	+·125	+·071	+·105	+·071	+·093	+23	+13	+20	+24	+20
Ispahan	—·098	—·121	—·112	—·104	—·109	—14	—12	—13	—10	—12
Jask	+·098	—·008	—·102	—·052	—·016	+14	+ 7	+ 1	+ 4	+ 7
Muscat	—·060	—·058	—·027	—·012	—·039	— 3	0	— 1	— 5	— 2
Chaman	+·058	—·014	—·051	—·006	—·003	+ 7	+ 1	— 2	+ 6	+ 3
Quetta	—·102	—·064	—·046	—·112	—·081	—11	— 5	— 9	—15	—10
Cherat	—·104	+·028	+·106	+·007	+·009	— 8	+ 9	+18	0	+ 5
Murree	—·005	+·029	+·048	+·039	+·028	+ 2	+11	+10	+ 6	+ 7
Gilgit	+·038	+·043	+·019	—·019	+·020	+ 7	+ 1	+ 1	— 6	+ 1
Srinagar	—·055	—·038	—·025	—·019	—·034	0	— 4	— 4	— 4	— 3
Simla	+·015	—·015	—·005	+·052	+·012	+ 4	+ 4	0	+ 9	+ 4
Leh	+·015	+·043	+·015	+·030	+·026	+ 4	+ 8	0	+ 5	+ 4
Chakrata	+·032	+·007	—·011	+·052	+·020	+ 7	+ 4	— 1	+ 8	+ 5
Mukteswar	...	...	...	...	...	+15	+ 6	+ 1	+ 9	+ 8
Darjiling	0	—·009	+·003	+·018	+·003	— 2	— 1	— 1	— 3	— 2
Mount Abu	+·081	—·013	+·035	+·011	+·029	+ 8	+ 1	+ 2	+ 2	+ 3
Pachmarhi	+·034	—·003	+·027	+·039	+·024	+ 4	0	+ 3	+ 9	+ 4

IV.—The retreating south-west monsoon period.—

For the period as a whole the humidity conditions did not depart to any important extent from the normal anywhere in the plains with the exception of Sind, where the air was appreciably damper than usual, owing probably to the evaporation of the unusually heavy rainfall of the monsoon period.

TABLE 72.

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	+·001	+·030	+·006	+·012	+ 1	+ 3	+ 2	+ 2
Eastern Bengal and Assam	+·003	—·022	—·024	—·014	0	— 3	— 3	— 2
Bengal	+·028	—·038	—·040	—·017	+ 3	— 3	— 3	— 1
United Provinces	+·048	—·004	—·033	+·004	+ 5	0	— 5	0
Punjab	+·027	—·007	—·022	—·001	+ 4	0	— 4	0
North-West Frontier Province	+·050	+·011	—·025	+·012	+ 7	+ 3	— 9	0
Sind	+·100	+·057	+·006	+·054	+11	+ 9	— 2	+ 6
Rajputana	+·004	—·046	—·055	—·032	+ 4	+ 1	— 9	— 1
Bombay	—·021	—·052	—·033	—·035	0	— 2	— 1	— 1
Central India	+·038	+·016	—·007	+·016	+ 8	+ 9	+ 1	+ 6
Central Provinces	+·005	—·020	—·013	—·009	+ 3	+ 3	+ 1	+ 2
Hyderabad	—·001	—·079	—·072	—·051	+ 5	— 1	— 1	+ 1
Mysore	+·016	—·004	—·027	—·005	+ 5	+ 4	+ 3	+ 4
Madras	+·010	—·036	—·079	—·035	+ 3	0	— 3	0

At most of the hill observatories in northwest India the vapour tension was somewhat below the average during the greater part of the period, but particularly in November. Relative humidity on the other hand, although in defect on the mean of the period, inclined to be high in December in consequence of the lowness of the temperature.

In Persia the variations were local and variable.

TABLE 73

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	+·030	—·001	+·017	+·015	0	— 2	+ 1	0
Baghdad	—·114	—·047	—·047	—·069	—16	— 8	— 1	— 8
Aden	+·094	—·014	+·026	+·035	+ 6	— 2	+ 2	+ 2
Bushire	+·080	—·008	—·012	+·020	+12	+ 7	+13	+11
Tehran	+·049	—·022	—·014	+·004	+18	— 3	+21	+12
Ispahan	—·017	—·068	—·045	—·043	— 6	—11	+ 7	— 3
Jask	—·004	—·026	—·060	—·027	+12	+ 6	— 1	+ 6
Muscat	—·093	—·111	—·037	—·080	— 7	— 8	+ 1	— 5
Chaman	+·012	—·043	—·001	—·011	+ 6	— 1	+17	+ 7
Quetta	—·042	—·025	—·004	—·024	— 9	— 6	+ 5	— 3
Cherat	—·013	—·032	—·036	—·027	— 2	— 4	— 7	— 4
Murree	—·009	—·013	+·005	—·006	0	— 2	+ 6	+ 1
Gilgit	+·001	—·039	—·001	—·013	— 5	—12	+ 4	— 4
Srinagar	—·040	—·050	—·020	—·037	— 9	— 9	— 8	— 9
Simla	+·016	—·017	—·001	—·001	+ 1	— 5	+ 2	— 1
Leh	—·022	—·031	+·005	—·016	—12	—18	+ 1	—10
Chakrata	+·019	—·008	0	+·004	+ 6	— 1	0	+ 2
Mukteswar	...	...	...	...	+ 7	+ 3	— 3	+ 2
Darjiling	—·007	+·001	+·016	+·003	— 5	— 1	+ 6	0

The year.—On the whole the air over the Indian plains contained even less vapour than in the preceding year. In point of humidity, 1910 was in fact almost as dry as 1908.

TABLE 74.

Year.	Departure from normal of	
	Absolute humidity.	Relative humidity.
	"	
1910	—·017	—1
1909	—·003	0
1908	—·024	— 2

The dryness was remarkably persistent, for there was more or less deficiency of vapour in all the months with the exception of June, August, September and October: it was most marked in April, in which month a series of cold waves advanced across northern India.

Owing to the depression of temperature the deficiency in the relative humidity was comparatively little pronounced.

A comparison of the monthly departures contained in Table 64 with the corresponding rainfall data, shows that the abnormalities of the two elements were fairly similar.

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, Vol. 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 1910 are given in Table 75. Table 76 gives the departures of the 8 hrs. cloud for the fourteen chief political provinces of India.

TABLE 75.—*Departure of the monthly and annual mean cloud proportion of 1910 from the average of past years.*

Division.	Station.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Burma	Rangoon	+1·5	+2·7	+3·1	+2·3	+0·4	−0·5	−1·1	−0·7	+0·1	+0·1	+0·6	0	+0·7
Bengal	Calcutta	+0·5	−1·3	−0·6	−0·2	−0·2	−0·2	−0·3	−0·5	−0·4	+1·5	−1·2	−1·5	−0·4
United Provinces of Agra and Oudh.	Allahabad	−0·9	−1·0	−0·9	−0·3	+0·4	+1·6	+0·6	+0·4	+2·4	+0·1	+0·4	−1·0	+0·1
	Dehra Dun	−1·6	−1·2	−0·2	+1·1	0·2	+1·2	+1·2	+1·0	+1·9	+0·6	−0·3	+0·7	+0·3
Punjab	Lahore	−0·8	−1·6	+0·9	−0·4	−1·2	−1·6	−1·2	+1·7	−1·2	−0·7	−1·0	+0·3	−0·6
Rajputana	Jaipur	−2·4	−0·4	−0·3	−0·2	−0·8	+1·1	+0·1	+0·3	+0·8	−0·4	−0·8	−0·4	−0·3
Bombay	Bombay	−0·1	−0·3	−1·0	−0·5	−0·3	+0·7	−1·0	+0·3	+1·0	+0·7	+0·3	−1·3	−0·1
Central Provinces	Nagpur	−0·5	−1·1	−1·8	−1·3	−0·5	−0·5	−2·0	−1·2	0	0	−0·6	+0·1	−0·8
Hyderabad	Hyderabad	−0·1	−1·1	−0·5	−1·1	+0·1	+1·4	−0·6	+0·3	+0·9	+2·7	0	−1·1	+0·1
Mysore	Mysore	+1·2	−0·2	−0·5	−1·4	−0·3	+0·4	−0·4	+0·8	+0·7	+1·1	−0·3	−2·7	−0·1
Madras	Madras	−0·6	−0·7	−0·7	−1·0	−0·6	+1·0	−1·4	−0·2	0	−0·6	−0·8	−1·7	−0·6
Bay Islands	Port Blair	+0·9	+2·0	+2·0	+0·9	0	+0·7	−1·0	+0·4	+1·7	+0·9	+1·1	+0·5	+0·8
Kashmir	Srinagar	0	+0·6	+0·6	+1·0	−0·9	+0·2	+0·7	+1·2	−1·6	−2·2	−1·7	+1·8	0
	Leh	−1·3	+0·1	+1·0	+1·1	−1·8	−0·9	−0·1	−0·1	−2·3	−1·1	−0·7	+0·4	−0·5
Baluchistan	Quetta	−1·2	−1·7	+0·8	+0·1	−0·3	+0·2	+0·8	+0·4	−0·2	−0·6	−0·9	+1·5	−0·1
Hill stations excluding Kashmir and Baluchistan.	Simla	−0·3	−1·4	+1·1	−0·5	−0·3	+0·4	+0·9	+0·8	+1·5	−0·2	−1·0	+0·5	+0·1
	Chakrata	−1·5	−1·8	−0·3	−0·3	−0·5	+1·0	+0·8	+0·3	+2·6	+1·0	−0·4	+0·8	+0·2
	Katmandu	−1·5	−2·0	−0·2	−1·3	−0·6	+0·5	+1·5	0	−0·2	−0·9	−1·5	−0·9	−0·6
	Darjiling	+0·5	−0·7	+1·0	+0·5	+1·4	+1·1	+0·8	+0·6	+0·6	+0·3	+0·2	+1·9	+0·7
	Pachmarhi	−2·1	−2·3	−2·3	−1·3	−2·3	−1·4	−4·6	−2·3	−1·0	−2·3	−1·4	−2·2	−2·1
	Mount Abu	−0·7	−0·5	−0·8	0	−0·1	+2·6	+0·6	+1·1	+1·0	−0·3	−1·4	−0·3	+0·1
	Chikalda	−1·1	−1·6	−1·4	+0·9	+1·3	−0·4	−2·8	−0·9	+0·9	+1·3	−0·7	−2·0	−0·5
Extra India	Zanzibar	+2·6	+0·7	+0·2	+1·9	+1·4	+1·0	+0·9	+0·5	−0·3	?	+0·2	+0·9	?
	Seychelles	+0·9	−0·5	−0·1	+1·0	−0·5	−0·8	+1·1	−1·1	−0·1	−1·8	−1·0	+0·1	−0·2
	Mauritius	+0·4	−0·5	+0·5	+0·4	0	−0·6	+0·7	0	+0·7	+0·4	+0·4	?	?

TABLE 76.—*Departure of the mean monthly and annual cloud amount from normal in the fourteen chief political divisions of India in 1910.*

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

I.—The cold weather period.—The failure of the winter rains was distinctly reflected in the marked deficiency of cloud over northwestern India and the United Provinces. On the other hand in Burma, northeast India and the peninsular region, which lie almost or quite beyond the influence of the winter storms, there was either about the normal cloud amount or an excess.

TABLE 77.

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

In the western Himalayas, Baluchistan and Persia also the cloud proportion was below the average, but in Afghanistan, as represented by Kabul, the skies were covered to a somewhat greater extent than usual.

TABLE 78.

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

II.—The hot weather period.—Except in Burma, the North-West Frontier Province and Central India the skies were comparatively clear.

TABLE 79.

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

Over the greater part of the country the deficiency of cloud in the season was doubtless related directly to the prevalence of drier weather than usual.

In Afghanistan and parts of Baluchistan, as in the North-West Frontier Province, the quantity of cloud was in excess in all the three months, an indication that the winter conditions there were more protracted than is ordinarily the case.

TABLE 80.

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

III.—The south-west monsoon period.—In general the departures from normal of cloud were feebly marked, and were with a few exceptions parallel with those of rainfall.

On the average of the whole season the North-West Frontier Province, Rajputana and Central India constituted the region of greatest excess of cloud, while the deficiency was appreciable only in the case of Eastern Bengal and Assam.

TABLE 81.

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

In Baluchistan and the Himalayas there was as a rule more than the normal amount of cloud, but the excess did not extend into Persia or Kashgaria.

TABLE 82.

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

IV.—The retreating south-west monsoon period.—The sky was clearer even than usual during this period in northwest India. In other parts of the Indian plains the cloud proportion was either equal to the average or in very slight excess.

TABLE 83.

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

These abnormalities agreed in general with those of rainfall.

In the Himalayan region and the highlands to the west of the Indus, the sky was unusually free from cloud in October and November, and more cloudy than usual in December. This is an indication that the winter conditions, although late in setting in or weak initially, were in December more pronounced than usual.

TABLE 84.

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

The year.—On the average of the year and of the whole of the plains of India including Burma the cloud amount was only about 2 per cent below the average. The only months in which the sky was more cloudy than usual were June, August, September and October, and in only the two last was the excess at all marked. On the other hand February and December were remarkably free from cloud.

The general anomalies of cloud followed those of absolute humidity throughout the year, and those of rainfall in eleven of the twelve months.

The statement below shows the interdependence of these three elements :—

TABLE 85.

—	Departure from normal of the Indian area.												
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Cloud at 8 hrs.	—0·1	—0·5	—0·2	—0·3	—0·3	+0·4	—0·4	+0·2	+0·5	+0·8	—0·1	—0·7	—0·1
Vapour pressure at 8 hrs	—·006	—·044	—·035	—·058	—·034	+·008	—·022	+·010	+·008	+·015	—·019	—·031	—·017
Rainfall (percentage)	—22	—60	—3	—3	—7	+12	—16	+14	+16	+67	+41	—94	+6

The statement below shows the departure of the mean amount of cloud in the Indian area annually during the period 1875-1910 :—

TABLE 86.

Year.	Amount of departure.
1875	0
1876	— 0·2
1877	+ 0·3
1878	+ 0·1
1879	— 0·1
1880	— 0·1
1881	— 0·1
1882	0
1883	+ 0·1
1884	— 0·1
1885	+ 0·2
1886	+ 0·2
1887	— 0·1
1888	— 0·2
1889	+ 0·1
1890	+ 0·2
1891	+ 0·1
1892	+ 0·1
1893	+ 0·5
1894	+ 0·5
1895	+ 0·1
1896	— 0·2
1897	0
1898	— 0·2
1899	— 0·3
1900	+ 0·2
1901	+ 0·1
1902	— 0·1
1903	— 0·1
1904	— 0·3
1905	— 0·2
1906	0
1907	— 0·3
1908	— 0·2
1909	+ 0·1
1910	— 0·1

Snowfall.

A.—The cold weather of 1909-10 and the succeeding hot weather :—

(*a*) The snowfall was normal in amount in Khorasan, and lighter than usual in western Afghanistan.

(*b*) There is evidence that over the eastern and northern parts of Afghanistan the winter was severe and the snowfall excessive. Snow fell on the Kila Kazi hills, 12 miles northwest of Kabul, as late as the 4th of May.

(*c*) Snowstorms occurred at Kashgar on the 25th and 26th of February, and again on the 4th and 5th of March, giving a total depth of 4″. In the beginning of June some snow remained unmelted on most of the high passes south of Kashgar, and also on the summits of the Terek Dawan and Taldik pass, between Kashgar and Osh, but it was not deep enough to make these routes impassable. It is said that the total snowfall of the winter was much above the normal in Sarikol and the Russian Pamirs.

(*d*) In Baluchistan, according to the information available, the aggregate fall probably did not exceed the normal.

(*e*) In the mountainous region of the North-West Frontier Province there was a decided excess of snowfall in January, a slight excess in March and perhaps also in April ; while the fall was equal to the normal or deficient in December and February. During the first nine days of May snowfall to a depth of about 2½ feet occurred on the Lowarai pass and adjacent hills in Chitral, and about the middle of that month the unmelted snow measured about 12 feet in depth on the Lowarai pass. The accumulations on the Sufed Koh were reported to be greater than usual.

(*f*) In Kashmir the total quantity of snowfall was probably about normal. At the end of May there was no snow lying in the grounds of the reporting stations, but a good deal remained on the higher passes and hills

(*g*) The snowfall in the western Himalayas was somewhat in excess in December, and lighter than usual in the succeeding three months. During April and May there were no abnormally heavy or extensive falls. The accumulations at the end of May in the Simla, Kulu and Kumaon hills were not excessive.

(*h*) The snowfall in the eastern Himalayas was almost certainly not above the average.

On the whole there was more than the average amount of snowfall over a limited area in the Afghan mountains and the Russian Pamirs, a normal fall in Kashmir and a deficient fall in the Himalayan region ; and it may be taken that, except perhaps in the first named locality, the covering of snow in the beginning of June was not quite as extensive as usual.

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

(*a*) The snowfall was lighter than usual during June, and it is almost certain that the accumulations at the end of the month were in general below the average depth.

(*b*) During July, so far as can be ascertained from the available information, the snowfall conditions were in no way unusual.

(*c*) In August according to the available information there was no snowfall in the hill districts of the Punjab and Kashmir. The passes near Kilba, for which alone information in regard to accumulations was forthcoming, remained quite bare of snow. There were several falls in the Almora hills : the total quantity was estimated at about 8½ feet in Malla Darma, 5 feet on the Untadhura, 4 feet in Byans, 2 feet on the Binkaru pass and a few inches in Malla Danpur. The snow line descended to a distance of about half a mile from the perpetual snows. At the end of the month the accumulations were on the whole of about the average depth.

(*d*) In September several falls of snow occurred in the Almora hills, and a few falls in Kashmir and the Simla Hills. The total quantity received in the first named area was somewhat greater than usual, and the accumulations there at the end of the month were on the whole of more than the average thickness. The snowfall in Kashmir and the Simla Hills was light; the level to which it descended in the latter locality was, however, rather low for the time of year.

C.—The retreating southwest monsoon period, October to December—

(*a*) According to the available information, which refers only to Kashmir and the Simla Hills, the snowfall of October was almost certainly below the average, and the snowline was at a higher level than is usually the case.

(*b*) During November, so far as can be judged from the very limited information available, the snowfall in the mountain zone bordering upper India was below the average, except perhaps in Afghanistan and Almora.

(*c*) In December the snowfall was heavier than the average in Persia, the greater part of the Afghan mountains, Kashmir and perhaps also in the Punjab Himalayas.

The most noteworthy feature was the unusually early commencement of winter conditions in Persia and Afghanistan, in both of which areas very heavy snow fell early in December. In Afghanistan several falls were reported also in November.

Rainfall.

The rainfall data of India are now issued annually in a separate volume entitled "Rainfall of India." The twentieth volume, that of 1910, contains the whole rainfall data of 2,754 stations which are there classified under their respective administrative divisions according to the following scheme:—

Province.	Number of stations.
Burma	192
Eastern Bengal and Assam	246
Bengal	353
United Provinces of Agra and Oudh	278
Punjab	189
North-West Frontier Province	33
Bombay	289
Madras (including Puddukkottai, Travancore and Cochin)	489
Coorg	10
Central Provinces	171
Mysore	77
Baluchistan	70
Kashmir	36
Rajputana	185
Central India	114
Hyderabad (Deccan)	22
Total	2,754

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 87 to 89) 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 raingauge stations for the 14 chief political divisions and the 34 sub-divisions respectively, while the third table (Table 89) 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 87.—*Average, over the 14 chief political divisions, of the actual and normal rainfall for the four seasons of the year, 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	0·33	0·26	+0·07	+27	16·42	10·73	+5·69	+53	54·04	60·57	−6·53	−11	9·41	7·27	+2·14	+29	80·20	78·83	+1·37	+2
Eastern Bengal and Assam	1·17	1·77	−0·60	−34	18·36	21·38	−3·02	−14	71·34	63·48	+7·86	+12	9·15	6·08	+3·07	+50	100·02	92·71	+7·31	+8
Bengal	0·84	1·24	−0·40	−32	4·48	5·33	−0·85	−16	44·38	43·73	+0·65	+1	5·68	4·20	+1·48	+35	55·38	54·50	+0·88	+2
United Provinces	0·47	1·52	−1·05	−69	0·84	1·21	−0·37	−31	34·74	34·99	−0·25	−1	5·99	1·81	+4·18	+231	42·04	39·53	+2·51	+6
Punjab	1·40	2·10	−0·70	−33	0·59	1·70	−1·11	−65	19·22	16·12	+3·10	+19	1·71	0·81	+0·90	+111	22·92	20·73	+2·19	+11
North-West Frontier Province	4·70	2·70	+2·00	+74	3·19	3·82	−0·63	−16	14·67	8·36	+6·31	+75	0·39	1·21	−0·82	−68	22·95	16·00	+6·86	+43
Sind	0·47	0·53	−0·06	−11	0·12	0·39	−0·27	−69	8·41	5·49	+2·92	+53	0	0·22	−0·22	−100	9·00	6·63	+2·37	+36
Rajputana	0·41	0·55	−0·14	−25	0·17	0·64	−0·47	−73	20·70	19·19	+1·60	+8	2·44	0·69	+1·75	+254	23·81	21·07	+2·74	+13
Bombay	0·01	0·18	−0·17	−94	0·56	1·60	−1·04	−65	42·46	42·39	+0·07	0	3·98	3·67	+0·31	+8	47·01	47·84	−0·83	−2
Central India	0·15	0·95	−0·80	−84	0·27	0·54	−0·27	−50	35·52	35·31	+0·21	+1	3·19	1·56	+1·63	+104	39·13	38·36	+0·77	+2
Central Provinces	0·10	0·75	−0·65	−87	0·37	1·16	−0·79	−68	41·62	36·92	+4·70	+13	4·62	2·55	+2·07	+81	46·71	41·38	+5·33	+13
Hyderabad	0	0·25	−0·25	−100	0·89	1·86	−0·97	−52	31·14	26·25	+4·89	+19	4·70	4·12	+0·58	+14	36·73	32·48	+4·25	+13
Mysore	0·03	0·15	−0·12	−80	4·84	5·34	−0·50	−9	26·69	22·98	+3·71	+16	12·29	7·78	+4·51	+58	43·85	36·25	+7·60	+21
Madras	0·60	0·84	−0·24	−29	3·00	4·49	−1·49	−33	29·73	24·21	+4·52	+19	15·35	14·48	+0·87	+6	47·68	44·02	+3·66	+8
Mean of India	0·54	0·92	−0·38	−41	4·29	4·53	−0·24	−5	37·05	35·36	+1·69	+5	6·07	4·27	+1·80	+42	47·95	45·08	+2·87	+6

Table 88.—*Average, over the 34 sub-divisions, of the actual and normal rainfall for the four seasons of the year 1910, 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	0·98	1·15	−0·17	−15	14·21	15·85	−1·64	−10	54·96	60·59	−5·63	−9	21·02	20·49	+0·53	+3	91·17	98·08	−6·91	−7
2. Lower Burma	0·47	0·25	+0·22	+88	22·64	14·81	+7·83	+53	84·65	99·02	−14·37	−15	10·05	8·75	+1·30	+15	117·81	122·83	−5·02	−4
3. Upper Burma	0·21	0·27	−0·06	−22	11·20	7·27	+3·93	+54	28·22	28·13	+0·09	0	8·86	6·04	+2·82	+47	48·49	41·71	+6·78	+16
4. Assam	1·57	2·21	−0·64	−29	23·15	27·23	−4·08	−15	70·44	64·07	+6·37	+10	10·04	6·20	+3·84	+62	105·20	99·71	+5·49	+6
5. Eastern Bengal	0·77	1·29	−0·52	−40	13·46	15·37	−1·91	−12	72·27	62·90	+9·37	+15	8·26	5·95	+2·31	+39	94·76	85·51	+9·25	+11
6. Bengal	1·28	1·32	−0·04	−3	7·34	8·51	−1·17	−14	43·77	44·56	−0·79	−2	6·68	4·79	+1·89	+39	59·07	59·18	−0·11	0
7. Orissa	0·71	1·03	−0·32	−31	4·14	5·78	−1·64	−28	45·03	44·01	+1·02	+2	9·40	6·94	+2·46	+35	59·28	57·76	+1·52	+3
8. Chota Nagpur	1·14	1·28	−0·14	−11	3·28	3·91	−0·63	−16	40·01	44·91	−4·90	−11	3·45	3·30	+0·15	+5	47·88	53·40	−5·52	−10
9. Bihar	0·46	1·24	−0·78	−63	2·52	3·29	−0·77	−23	45·94	42·61	+3·33	+8	4·17	2·99	+1·18	+39	53·09	50·13	+2·96	+6
10. United Provinces, East	0·17	1·23	−1·06	−86	0·98	1·12	−0·14	−13	35·34	35·44	−0·10	0	5·00	2·31	+2·69	+116	41·49	40·10	+1·39	+3
11. Do. do., West	0·80	1·85	−1·05	−57	0·66	1·31	−0·65	−50	34·06	34·46	−0·40	−1	7·10	1·25	+5·85	+468	42·62	38·87	+3·75	+10
12. Punjab, East and North	1·57	2·36	−0·79	−33	0·49	1·80	−1·31	−7[illegible]	22·26	18·70	+3·56	+19	2·05	0·91	+1·14	+125	26·37	23·77	+2·60	+11
13. Punjab, Southwest	0·75	1·11	−0·36	−32	1·01	1·28	−0·27	−21	7·99	6·62	+1·37	+23	0·12	0·40	−0·28	−70	9·27	8·81	+0·46	+5
14. Kashmir	6·20	6·40	−0·20	−3	6·22	6·83	−0·61	−9	12·19	11·01	+1·18	+11	1·75	2·36	−0·61	−26	26·36	26·60	−0·24	−1
15. North-West Frontier Province.	4·70	2·70	+2·00	+74	3·19	3·82	−0·63	−16	14·67	8·36	+6·31	+75	0·39	1·21	−0·82	−68	22·95	16·09	+6·86	+43
16. Baluchistan	2·15	2·85	−0·70	−25	1·19	1·78	−0·59	−33	3·20	2·14	+1·06	+50	1·09	1·52	−0·43	−28	7·63	8·29	−0·66	−8
17. Sind	0·47	0·53	−0·06	−11	0·12	0·39	−0·27	−69	8·41	5·49	+2·92	+53	0	0·22	−0·22	−100	9·00	6·63	+2·37	+36
18. Rajputana, West	0·08	0·29	−0·21	−72	0·18	0·44	−0·26	−59	12·06	10·67	+1·39	+13	0·03	0·41	−0·38	−93	12·35	11·81	+0·54	+5
19. Do., East	0·53	0·65	−0·12	−18	0·16	0·73	−0·57	−78	24·58	22·35	+2·23	+10	3·45	0·78	+2·67	+342	28·72	24·51	+4·21	+17
20. Gujarat	0·03	0·15	−0·12	−80	0·02	0·27	−0·25	−93	34·76	33·47	+1·29	+4	1·01	1·16	−0·15	−13	35·82	35·05	+0·77	+2
21. Central India, West	0·08	0·62	−0·54	−87	0·04	0·41	−0·37	−90	34·97	32·29	+2·68	+8	2·76	1·18	+1·58	+134	37·85	34·50	+3·35	+10
22. Do., East	0·25	1·50	−1·25	−83	0·71	0·79	−0·08	−10	36·43	41·07	−4·64	−11	4·02	2·29	+1·73	+76	41·41	45·65	−4·24	−9
23. Berar	0	0·52	−0·52	−100	0·29	0·98	−0·69	−70	35·64	27·16	+8·48	+31	4·66	2·59	+2·07	+80	40·59	31·25	+9·34	+30
24. Central Provinces, West	0·21	0·93	−0·72	−77	0·25	0·95	−0·70	−74	42·78	41·01	+1·47	+4	4·35	2·42	+1·93	+80	47·59	45·61	+1·98	+4
25. Do., East	0·12	0·85	−0·73	−86	0·72	1·84	−1·12	−61	50·59	47·49	+3·10	+7	5·03	2·72	+2·31	+85	56·46	52·90	+3·56	+7
26. Konkan	0	0·18	−0·18	−100	0·42	1·98	−1·56	−79	92·30	105·56	−13·26	−13	7·10	5·43	+1·67	+31	99·82	113·15	−13·33	−12
27. Bombay Deccan	0	0·19	−0·19	−100	0·98	2·31	−1·33	−58	29·15	25·03	+4·12	+16	4·74	4·65	+0·09	+2	34·87	32·18	+2·69	+8
28. Hyderabad, North	0	0·24	−0·24	−100	0·71	1·50	−0·79	−53	38·34	30·15	+8·19	+27	4·19	3·90	+0·29	+7	43·24	25·79	+7·45	+21
29. Do., South	0	0·26	−0·26	−100	1·07	2·15	−1·08	−50	25·14	23·01	+2·13	+9	5·14	4·30	+0·84	+20	31·35	29·72	+1·63	+5
30. Mysore	0·03	0·15	−0·12	−80	4·84	5·34	−0·50	−9	26·69	22·98	+3·71	+16	12·29	7·78	+4·51	+58	43·85	36·25	+7·60	+21
31. Malabar	0·20	0·40	−0·20	−50	7·73	10·55	−2·82	−27	95·35	102·82	−7·47	−7	18·50	14·99	+3·51	+23	121·78	128·76	−6·98	−5
32. Madras, Southeast	1·16	1·20	−0·04	−3	2·98	4·64	−1·66	−36	15·34	11·87	+3·47	+29	16·89	17·98	−1·09	−6	36·35	35·69	+0·68	+2
33. Do. Deccan	0	0·21	−0·21	−100	1·94	2·51	−0·57	−23	23·06	14·66	+8·40	+57	8·55	7·40	+1·15	+16	33·55	24·78	+8·77	+35
34. Do. Coast, North	0·10	0·68	−0·58	−85	2·16	3·43	−1·27	−37	32·52	24·40	+8·12	+33	14·85	11·74	+3·11	+26	49·63	40·25	+9·38	+23

TABLE 89.—*Average over the 34 sub-divisions of the actual and normal number of rainy days for the four seasons of the year 1910, 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	1·0	2·3	−1·3	19·0	20·3	−1·3	73·5	81·9	−8·4	36·0	29·6	+6·4	129·5	134·1	−4·6
2. Lower Burma	0·8	0·4	+0·4	19·1	16·5	+2·6	82·5	90·1	−7·6	15·2	12·3	+2·9	117·6	119·3	−1·7
3. Upper Burma	0·6	0·7	−0·1	12·2	11·1	+1·1	39·7	40·3	−0·6	12·9	9·0	+3·9	65·4	61·1	+4·3
4. Assam	4·3	5·2	−0·9	32·2	33·2	−1·0	72·5	67·7	+4·8	12·4	8·5	+3·9	121·4	114·6	+6·8
5. Eastern Bengal	1·5	2·3	−0·8	16·8	17·6	−0·8	70·1	62·7	+7·4	9·6	6·1	+3·5	98·0	88·7	+9·3
6. Bengal	2·1	2·3	−0·2	12·0	12·2	−0·2	55·7	55·7	0	8·6	5·8	+2·8	78·4	76·0	+2·4
7. Orissa	1·7	1·8	−0·1	8·2	8·9	−0·7	56·3	52·2	+4·1	11·9	7·8	+4·1	78·1	70·7	+7·4
8. Chota Nagpur	2·3	2·7	−0·4	6·2	7·1	−0·9	55·9	53·9	+2·0	5·5	4·7	+0·8	69·9	68·4	+1·5
9. Bihar	0·8	2·6	−1·8	4·4	5·3	−0·9	51·8	46·7	+5·1	6·2	3·5	+2·7	63·2	58·1	+5·1
10. United Provinces, East	0·6	2·7	−2·1	1·9	2·4	−0·5	40·9	38·4	+2·5	5·3	2·5	+2·8	43·7	46·0	+2·7
11. United Provinces, West	2·0	3·6	−1·6	1·6	3·1	−1·5	36·2	34·9	+1·3	3·2	1·9	+1·3	43·0	43·5	−0·5
12. Punjab, East and North	2·7	4·5	−1·8	1·6	4·0	−2·4	24·1	20·0	+4·1	1·7	1·6	+0·1	30·1	30·1	0
13. Punjab, Southwest	1·9	2·6	−0·7	3·2	3·1	+0·1	9·7	8·1	+1·6	0·4	0·9	−0·5	15·2	14·7	+0·5
14. Kashmir	8·5	10·0	−1·5	14·3	13·3	+1·0	18·6	16·0	+2·6	4·0	5·2	−1·2	45·4	44·5	+0·9
15. North-West Frontier Province	6·5	5·3	+1·2	7·8	7·6	+0·2	17·2	11·3	+5·9	0·8	2·2	−1·4	32·3	26·4	+5·9
16. Baluchistan	4·1	6·6	−2·5	4·0	4·8	−0·8	4·3	3·7	+0·6	2·5	3·5	−1·0	14·9	18·6	−3·7
17. Sind	0·6	1·5	−0·9	0·4	1·0	−0·6	7·9	6·2	+1·7	0	0·5	−0·5	8·9	9·2	−0·3
18. Rajputana, West	0·2	0·8	−0·6	0·7	1·1	−0·4	16·8	13·4	+3·4	0·1	0·8	−0·7	17·8	16·1	+1·7
19. Rajputana, East	1·2	1·6	−0·4	0·6	1·9	−1·3	29·7	27·6	+2·1	1·6	1·6	0	33·1	32·7	+0·4
20. Gujarat	0·1	0·3	−0·2	0	0·6	−0·6	41·1	36·4	+4·7	1·3	1·6	−0·3	42·5	38·9	+3·6
21. Central India, West	0·3	1·4	−1·1	0·1	0·9	−0·8	43·8	39·1	+4·7	3·9	2·3	+1·6	48·1	43·7	+4·4
22. Central India, East	0·9	3·1	−2·2	1·7	1·9	−0·2	41·5	44·1	−2·6	5·3	3·2	+2·1	49·4	52·3	−2·9
23. Berar	0	1·1	−1·1	0·8	2·1	−1·3	48·7	38·1	+10·6	6·9	3·6	+3·3	56·4	44·9	+11·5
24. Central Provinces, West	0·6	1·8	−1·2	0·6	2·2	−1·6	52·4	47·1	+5·3	6·4	3·5	+2·9	60·0	54·6	+5·4
25. Central Provinces, Eas	0·4	1·6	−1·2	2·0	3·9	−1·9	54·8	51·7	+3·1	6·8	3·9	+2·9	64·0	61·1	+2·9
26. Konkan	0	0·3	−0·3	0·8	2·7	−1·9	83·5	85·9	−2·4	7·2	7·7	−0·5	91·5	96·6	−5·1
27. Bombay Deccan	0	0·4	−0·4	1·9	4·4	−2·5	41·0	38·3	+2·7	7·0	7·0	0	49·9	50·1	−0·2
28. Hyderabad, North	0	0·5	−0·5	1·3	3·6	−2·3	47·4	42·3	+5·1	8·1	5·9	+2·2	56·8	52·3	+4·5
29. Hyderabad, South	0	0·6	−0·6	3·2	4·3	−1·1	38·4	37·7	+0·7	10·8	7·0	+3·8	52·4	49·6	+2·8
30. Mysore	0·1	0·3	−0·2	8·4	8·9	−0·5	41·3	32·8	+8·5	17·4	11·4	+6·0	67·2	53·4	+13·8
31. Malabar	0·4	0·4	0	10·7	13·5	−2·8	87·6	86·9	+0·7	22·8	19·0	+3·8	121·5	119·8	+1·7
32. Madras, Southeast	2·2	1·7	+0·5	4·4	6·5	−2·1	23·2	18·3	+4·9	19·3	21·2	−1·9	49·1	47·7	+1·4
33. Madras, Deccan	0	0	0	4·3	4·5	−0·2	32·8	24·6	+8·2	13·6	10·6	+3·0	50·7	39·7	+11·0
34. Madras Coast, North	0·2	0·9	−0·7	4·3	5·4	−1·1	43·7	35·7	+8·0	18·0	11·9	+6·1	66·2	53·9	+12·3

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

The cold weather season of 1910, like the corresponding periods of 1909 and 1908, was characterized by the prevalence of much less disturbed weather than usual in northwest India, this being an illustration of the occasional repetition for a series of years of the general characteristics of a particular season.

TABLE 90.

Area.	Departure from normal of cold weather precipitation.		
	1908.	1909.	1910.
	"	"	"
Northwest India (including Kashmir and Baluchistan).	—0·19	—0·31	—0·24

During the months of January and February 1910, several depressions appeared over the highlands of Persia, but they were either very weak or pursued a more northerly course than usual, with the result that their influence on the Indian weather was exerted chiefly in the extreme north.

(*a*) In northern and central India, the usual region of the winter rains, the aggregate precipitation of the two months was below the average everywhere except locally in the North-West Frontier Province which recorded 4·7″ in place of the normal 2·7″. The deficiency was greatest in absolute amount in the region comprising the United Provinces and Central India East (a little over an inch), but was considerable also in the Central Provinces, Bihar and the Punjab East and North. Little or no rain fell in Berar, Gujarat, Central India West and Rajputana West, where amounts ranging between fifteen and sixty-two cents are received under ordinary conditions.

TABLE 91.

Sub-division.	January and February.			
	Actual rainfall.	Normal rainfall.	Departure from normal.	Percentage departure from normal.
	"	"	"	
Assam	1·57	2·21	—0·64	—29
Eastern Bengal	0·77	1·29	—0·52	—40
Bengal	1·28	1·32	—0·04	—3
Orissa	0·71	1·03	—0·32	—31
Chota Nagpur	1·14	1·28	—0·14	—11
Bihar	0·46	1·24	—0·78	—63
United Provinces, East	0·17	1·23	—1·06	—86
" " West	0·80	1·85	—1·05	—57
Punjab, East and North	1·57	2·36	—0·79	—33
" Southwest	0·75	1·11	—0·36	—32
Kashmir	6·20	6·40	—0·20	—3
North-West Frontier Province	4·70	2·70	+2·00	+74
Baluchistan	2·15	2·85	—0·70	—25
Sind	0·47	0·53	—0·06	—11
Rajputana, West	0·08	0·29	—0·21	—73
" East	0·53	0·65	—0·12	—18
Gujarat	0·03	0·15	—0·12	—80
Central India, West	0·08	0·62	—0·54	—87
" " East	0·25	1·50	—1·25	—83
Berar	0	0·52	—0·52	—100
Central Provinces, West	0·21	0·93	—0·72	—77
" " East	0·12	0·85	—0·73	—86

(*b*) Weather was drier even than usual throughout the Peninsula excluding Madras Southeast.

TABLE 92.

Sub-division.	January and February.			
	Actual rainfall.	Normal rainfall.	Departure from normal.	Percentage departure from normal.
	"	"	"	
Konkan	0	0·18	—0·18	—100
Bombay Deccan	0	0·19	—0·19	—100
Hyderabad, North	0	0·24	—0·24	—100
" South	0	0·26	—0·26	—100
Mysore	0·03	0·15	—0·12	—80
Malabar	0·20	0·40	—0·20	—50
Madras, Southeast	1·16	1·20	—0·04	—3
" Deccan	0	0·21	—0·21	—100
" Coast, North	0·10	0·68	—0·58	—85

(*c*) In Burma the precipitation was irregularly distributed, being double the small normal amount in Lower Burma, and 22 per cent in defect in Upper Burma.

TABLE 93.

Sub-division.	Rainfall of period, January and February.			
	Actual	Normal.	Departure from normal.	Percentage departure from normal.
	"	"	"	
Lower Burma	0·47	0·25	+0·22	+88
Upper Burma	0·21	0·27	−0·06	−22

(*d*) As might be expected from the abnormal course followed by the disturbances of the period, considerably more than the usual amount of precipitation occurred on the northern limits of the region to the west of the Indus; but over Persia as a whole, as well as in Baluchistan and Kashgaria, the recorded fall was distinctly short of the normal. Arabia also participated in the deficiency.

TABLE 94.

Station.	Rainfall of period, January and February.			
	Actual	Normal.	Departure from normal.	Percentage departure from normal.
	"	"	"	
Perim	0·32	0·60	−0·28	−47
Aden	0·08	0·61	−0·53	−87
Baghdad	1·83	3·55	−1·72	−48
Ispahan	1·43	0·43	+1·00	+233
Tehran	3·84	2·11	+1·73	+82
Bushire	3·46	5·47	−2·01	−37
Jask	0·42	1·84	−1·42	−77
Muscat	0·96	2·06	−1·10	−53
Meshed	2·77	1·44	+1·33	+92
Chaman	1·28	3·05	−1·77	−58
Quetta	2·14	4·24	−2·10	−50
Kabul	5·51	2·22	+3·29	+148
Gilgit	1·03	0·37	+0·66	+178
Srinagar	7·83	6·29	+1·54	+24
Kashgar	0	0·39	−0·39	−100
Leh	0·69	0·66	+0·03	+5

(*e*) In the equatorial region, as represented by Zanzibar and Seychelles, the precipitation was on the whole markedly in defect, an indication that the ascensional movement in the west of the equatorial belt did not occur to the extent which is usual during this period.

TABLE 95.

Station.	Rainfall of period, January and February.			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.
	"	"	"	
Zanzibar	7·07	5·75	+1·32	+23
Seychelles	18·94	30·15	−11·21	−37
Mauritius	11·13	14·74	−3·61	−24

II.—The hot weather period, March to May.—This season was conspicuously dry throughout almost the whole of the Indian region. During March no less than five disturbances appeared in Persia, but the line of travel of four of them practically coincided with that of the storms of the previous two months. Their influence on the Indian weather was accordingly small, and was confined chiefly to Kashmir and the frontier districts. A striking feature of the weather of the month was the occurrence between the 8th and the 12th of a disturbance over the Bay of Bengal. This was of a very rare character and gave unseasonable rain to Burma. April was even more abnormal. A series of five depressions of the winter type crossed into northwest India from the west, causing light to moderate precipitation

in the northern and western districts. Weather was unusual also in the Bay, where an early advance of humid winds from the equatorial regions gave rise to a storm which struck the coast to the south of Akyab, and produced heavy rain in Burma and the Bay Islands. In the Peninsula weather was as dry as in March. May was a remarkably dry month over the greater part of the country, and even in northeast India in spite of the fact that monsoon conditions appeared over the Bay during the last week of the month, much before their usual date. On the west coast there were no temporary incursions of monsoon winds such as occur during May in most years.

(*a*) The combined rainfall of the three months exceeded the normal by 53 per cent in Burma, but in the rest of the country the seasonal measurements were short of the normal values. In the region including the Punjab East and North, Rajputana East, Gujarat, Central India West, the Central Provinces West and the Konkan, the quantity recorded during the whole period was barely 30 per cent of the average fall.

TABLE 96.

Sub-division.	Rainfall of period, March to May.			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.
	"	"	"	
1. Bay Islands	14·21	15·85	—1·64	—10
2. Lower Burma	22·64	14·81	+7·83	+53
3. Upper Burma	11·20	7·27	+3·93	+54
4. Assam	23·15	27·23	—4·08	—15
5. Eastern Bengal	13·46	15·37	—1·91	—12
6. Bengal	7·34	8·51	—1·17	—14
7. Orissa	4·14	5·78	—1·64	—28
8. Chota Nagpur	3·28	3·91	—0·63	—16
9. Bihar	2·52	3·29	—0·77	—23
10. United Provinces, East	0·98	1·12	—0·14	—13
11. Do. do. West	0·66	1·31	—0·65	—50
12. Punjab, East and North	0·49	1·80	—1·31	—73
13. Punjab, Southwest	1·01	1·28	—0·27	—21
14. Kashmir	6·22	6·83	—0·61	—9
15. North-West Frontier Province	3·19	3·82	—0·63	—16
16. Baluchistan	1·19	1·78	—0·59	—33
17. Sind	0·12	0·39	—0·27	—69
18. Rajputana, West	0·18	0·44	—0·26	—59
19. Do. East	0·16	0·73	—0·57	—78
20. Gujarat	0·02	0·27	—0·25	—93
21. Central India, West	0·04	0·41	—0·37	—90
22. Central India East	0·71	0·79	—0·08	—10
23. Berar	0·29	0·98	—0·69	—70
24. Central Provinces, West	0·25	0·95	—0·70	—74
25. Do. do. East	0·72	1·84	—1·12	—61
26. Konkan	0·42	1·98	—1·56	—79
27. Bombay, Deccan	0·98	2·31	—1·33	—58
28. Hyderabad, North	0·71	1·50	—0·79	—53
29. Do. South	1·07	2·15	—1·08	—50
30. Mysore	4·84	5·34	—0·50	—9
31. Malabar	7·73	10·55	—2·82	—27
32. Madras, Southeast	2·98	4·64	—1·66	—36
33. Do. Deccan	1·94	2·51	—0·57	—23
34. Do. Coast, North	2·16	3·43	—1·27	—37

(*b*) Precipitation was much above the normal throughout the period in Kabul, and during March and May in Meshed. This would indicate that the winter was much more protracted than usual in Afghanistan and northeast Persia.

TABLE 97.

Station.	Departure from normal of rainfall in			
	March.	April.	May.	Period, March to May.
	"	"	"	"
Perim	+3·46	—0·02	—0·30	+3·14
Aden	—0·25	—0·38	—0·19	—0·82
Baghdad	—0·15	—0·74	—0·04	—0·93
Ispahan	+1·54	—0·23	—0·01	+1·30
Tehran	—2·11	—0·35	+0·06	—2·40
Bushire	+2·03	—0·53	0	+1·50
Jask	+1·45	—0·03	0	+1·42
Muscat	—0·61	—0·03	0	—0·64
Meshed	+2·08	—0·67	+0·45	+1·86
Chaman	+0·77	+0·40	+0·27	+1·44
Quetta	—0·67	—0·26	—0·17	—1·10
Kabul	+4·48	+2·31	+1·50	+8·29
Gilgit	—0·12	+0·68	+0·05	+0·61
Srinagar	+0·30	+1·56	—1·72	+0·14
Kashgar	+0·38	+0·65	—0·32	+0·71
Leh	—0·10	+0·16	—0·19	—0·13

(c) The prolongation of the winter conditions in the mountain zone to the west of upper India was associated with the occurrence of heavier precipitation than usual in the west equatorial region.

TABLE 98.

Station.	Departure from normal of rainfall in			
	March.	April.	May.	Period, March to May.
	"	"	"	"
Seychelles	+2·02	+3·86	+1·53	+7·11
Zanzibar	—5·27	+1·29	+1·38	—2·60
Mauritius	+0·41	—2·43	—2·72	—4·74

III.—The southwest monsoon period, June to September.—The monsoon season of 1910 was the last of a series of three characterized by abundant and on the whole favourably distributed rainfall.

The statement below gives the total departures of the monsoon rainfall for these three years :—

TABLE 99.

Year.	Total departure of seasonal rainfall.
	"
1908	+ 2·09
1909	+ 2·03
1910	+ 1·69

These data are instructive, as they show a marked tendency in 1910 to the weakening of the actions underlying this succession of good seasons.

In 1910 the Bay monsoon arrived in northeast India during the last week in May, more than a fortnight before its proper date; it was however feeble, and the rainfall due to it during June was not only intermittent in occurrence, but was also, except for a short interval about the middle of the month, restricted mainly to the eastern portion of its proper field of activity. The Bombay current on the other hand arrived on the coast on the due date, and was very strong: its extension into northwest India occurred with unusual rapidity, and monsoon conditions were established there considerably in advance of the average date. Both branches of the monsoon were weaker than usual in July, particularly during the period from the 8th to the 20th, when little or no precipitation was recorded in regions outside Burma, Bengal and the districts at the foot of the Himalayas. In August, except for a short break over northwest and central India in the third week, strongly marked monsoon conditions held in the usual field of the Bombay monsoon. On the other hand the Bay current was weak and was restricted to a much smaller region than is normally the case.

Both branches of the monsoon current were on the whole more active than usual in September. The activity of the Bay current was, however, displayed chiefly in the southeastern portion of its field, and that of the Arabian Sea current in the central parts of the country.

As in the previous two years, the final retreat of the monsoon from the northwest occurred about the 11th, which is within a few days of the usual date.

It will thus be seen that:

(a) notwithstanding its early advent the Bay current was persistently weak during nearly the whole of the season, and but seldom attained its fullest extension;

(b) the Arabian Sea current, although it arrived on the Indian coast after the Bay current, was distinctly more active than usual. It was however even less steady than usual and there were frequent breaks in the rains.

(1) The total precipitation due exclusively to the Bay current was about normal in amount, but was very irregularly distributed, being in excess by 15 per cent in Eastern Bengal, by 10 per cent in Assam and by 8 per cent in Bihar; in defect in Lower Burma (—15 per cent), Chota Nagpur (—11 per cent), and the Bay Islands (—9 per cent); and normal in Upper Burma, Orissa and Bengal.

TABLE 100.

Subdivision.	Rainfall of period, June to September.			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.
	"	"	"	
Bay Islands	54·96	60·59	—5·63	—9
Lower Burma	84·65	99·02	—14·37	—15
Upper Burma	28·22	28·13	+0·09	0
Assam	70·44	64·07	+6·37	+10
Eastern Bengal and Assam .	72·27	62·90	+9·37	+15
Bengal	43·77	44·56	—0·79	—2
Orissa	45·03	44·01	+1·02	+2
Chota Nagpur	40·01	44·91	—4·90	—11
Bihar	45·94	42·61	+3·33	+8

(2) In the region dominated by the Arabian Sea current the season's rainfall was more or less above the average except in the United Provinces, Central India East, the Konkan and Malabar. The excess was more than 50 per cent in amount in the North-West Frontier Province (75 per cent), Sind (53 per cent), and the Madras Deccan (57 per cent).

TABLE 101.

Sub-division.	Rainfall of period, June to September.			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.
	"	"	"	
United Provinces, East	35·34	35·44	—0·10	0
Do. do. West	34·06	34·46	—0·40	—1
Punjab, East and North	22·26	18·70	+3·56	+19
Punjab, Southwest	7·39	6·02	+1·37	+23
Kashmir	12·19	11·01	+1·18	+11
North-West Frontier Province.	14·67	8·36	+6·31	+75
Baluchistan	3·20	2·14	+1·06	+50
Sind	8·41	5·49	+2·92	+53
Rajputana, West	12·06	10·67	+1·39	+13
Do. East	24·58	22·35	+2·23	+10
Gujarat	34·76	33·47	+1·29	+4
Central India, West	34·97	32·29	+2·68	+8
Do. do. East	36·43	41·07	—4·64	—11
Berar	35·64	27·16	+8·48	+31
Central Provinces, West	42·78	41·31	+1·47	+4
Do. do. East	50·59	47·49	+3·10	+7
Konkan	92·30	105·56	—13·26	—13
Bombay, Deccan	29·15	25·03	+4·12	+16
Hyderabad, North	38·34	30·15	+8·19	+27
Do. South	25·14	23·01	+2·13	+9
Mysore	26·69	22·98	+3·71	+16
Malabar	95·35	102·82	—7·47	—7
Madras, Southeast	15·34	11·87	+3·47	+29
Do. Deccan	23·06	14·66	+8·40	+57
Do. Coast, North	32·52	24·40	+8·12	+33

Considering that only 8 of the 34 sub-divisions received less than their normal allowance of rainfall, and that in only one of the eight did the defect amount to 15 per cent, it may safely be said that the geographical distribution of rainfall in this season was on the whole satisfactory.

(3) As is usually the case in seasons of abundant rainfall in India, weather was markedly dry in the equatorial belt.

TABLE 102.

Station.	Rainfall of period, June to September.			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.
	"	"	"	
Zanzibar	5·81	7·78	—1·97	—25
Seychelles	7·56	15·56	—8·00	—51
Mauritius	8·25	8·02	+0·23	+3

(4) In Persia, Arabia and Turkistan weather was drier than usual.

TABLE 103.

Station.	Rainfall of period, June to September.			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.
	"	"	"	
Perim	0·30	0·47	—0·17	—36
Aden	0·14	0·31	—0·17	—55
Baghdad	0	0·09	—0·09	—100
Ispahan	0·13	0·06	+0·07	+117
Tehran	0·06	0·64	—0·58	—91
Bushire	0	0	0	0
Jask	0	0·13	—0·13	—100
Muscat	0	0·40	—0·40	—100
Meshed	0·23	0·27	—0·04	—15
Kashgar	1·45	2·13	—0·68	—32

IV.—The retreating monsoon period, October to December.

The behaviour of the monsoon current during this period was much more satisfactory than in the three previous years, in all of which the autumnal rains failed almost completely in the Peninsula.

The final cessation of the monsoon rains proper in the United Provinces, Central India and the Central Provinces occurred on October 5, and in Bihar and Chota Nagpur some days later: by the 18th the northeast monsoon rains had set in fully on the east coast of the Peninsula. During the next four weeks the monsoon was very active, and in the first fortnight of November gave rise to two storms in the Bay, of which one passed into the Peninsula and the other into Burma. The former disturbance was of a rare character, and was the cause of much untimely rain in Central India, the Central Provinces and the east of the United Provinces, areas in which under ordinary conditions nothing more than occasional showers are expected. The dissipation of the second disturbance was followed on the 18th by the final withdrawal of the monsoon from the Bay, nearly a month before the normal date.

In December the weather was unusually quiet, except in northwest India where three disturbances of the cold weather type occurred producing light to moderate precipitation, chiefly in Kashmir and Baluchistan.

Thus the more striking characteristics of the season were: (1) the marked activity of the retreating monsoon current for about a month from the 18th of October onwards; (2) the unseasonable rainfall in the second week of November in the Central Provinces, Central India and the east of the United Provinces; and (3) the termination of the autumnal rains in southern India nearly a month before the normal date.

(*a*) The recorded aggregate of the season exceeded the normal throughout northeast India and Burma, the excess being greatest in Assam where it amounted to nearly 4″ or 62 per cent.

TABLE 104.

Sub-division.	Rainfall of period, October to December.			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.
	″	″	″	
Bay Islands	21·02	20·49	+0·53	+3
Lower Burma	10·05	8·75	+1·30	+15
Upper „	8·86	6·04	+2·82	+47
Assam	10·04	6·20	+3·84	+62
Eastern Bengal	8.26	5·95	+2·31	+39
Bengal	6·68	4·79	+1·89	+39
Orissa	9·40	6·94	+2·46	+35
Chota Nagpur	3·45	3·30	+0·15	+5
Bihar	4·17	2·99	+1·18	+39

(*b*) In the region embracing the United Provinces Central India and the Central Provinces the seasonal totals were much in excess of the average, owing mainly, in the case of the last five divisions of the following table, to the occurrence of the unseasonable burst of rain in the second week of November:—

TABLE 105.

Sub-division.	Rainfall of period, October to December.			
	Actual.	Normal.	Departure from nomal.	Percentage departure from normal.
	″	″	″	
United Provinces, East	5·00	2·31	+2·69	+116
United Provinces, West	7·10	1·25	+5·85	+468
Central India, West	2·76	1·18	+1·58	+134
Central India, East	4·02	2·29	+1·73	+76
Berar	4·66	2·59	+2·07	+80
Central Provinces, West	4·35	2·42	+1·93	+80
Central Provinces, East	5·03	2·72	+2·31	+85

(*c*) Over the peninsular region, excluding Madras Southeast, there was an excess, which was most marked in Mysore (4½″ or 58 per cent).

TABLE 106.

Sub-division.	Rainfall of period, October to December.			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.
	″	″	″	
Konkan	7·10	5·43	+1·67	+31
Bombay Deccan	4·74	4·65	+0·09	+2
Hyderabad, North	4·19	3·90	+0·29	+7
Hyderabad, South	5·14	4·30	+0·84	+20
Mysore	12·29	7·78	+4·51	+58
Malabar	18·50	14·99	+3·51	+23
Madras, Southeast	16·89	17·98	—1·09	—6
Madras Deccan	8·55	7·40	+1·15	+16
Madras Coast, North	14·85	11·74	+3·11	+26

(*d*) In northwest India the season was unusually dry, except locally in Rajputana East and the Punjab East and North, where rainfall, heavy for the time of year, occurred in the early part of October.

TABLE 107.

Sub-division.	Rainfall of period, October to December.			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.
	"	"	"	
Punjab, East and North	2·05	0·91	+1·14	+125
Punjab, Southwest	0·12	0·40	−0·28	− 70
Kashmir	1·75	2·36	−0·61	− 26
North-West Frontier Province	0·39	1·21	−0·82	− 68
Baluchistan	1·09	1·52	−0·43	− 28
Sind	0	0·22	−0·22	−100
Rajputana, West	0·03	0·41	−0·38	− 93
Rajputana, East	3·45	0·78	+2·67	+342
Gujarat	1·01	1·16	−0·15	− 13

(*e*) In the highlands to the west of the Indus weather was emphatically dry in October and November, but was very wet in December. Similar conditions prevailed in the west equatorial region.

TABLE 108.

Station.	Departure from normal of rainfall in			
	October.	November	December.	Period, October to December.
	"	"	"	"
Zanzibar	−1·89	−0·09	+2·56	+0·58
Seychelles	−4·96	−1·48	+4·03	−2·41
Mauritius	+0·06	−0·07	−2·38	−2·39
Perim	−0·07	−0·04	+0·06	−0·05
Aden	+2·19	−0·15	−0·28	+1·76
Baghdad	−0·04	−0·13	−0·65	−0·82
Ispahan	−0·21	−0·92	+4·47	+3·34
Tehran	−0·10	−0·76	+0·34	−0·52
Bushire	−0·08	−1·49	+8·26	+6·69
Jask	−0·04	−0·46	+1·36	+0·86
Muscat	−0·02	−0·61	+1·25	+0·62
Meshed	−0·42	−0·51	+0·28	−0·65
Chaman	−0·04	−0·26	+0·44	+0·14
Quetta	−0·09	−0·31	+0·37	−0·03
Gilgit	−0·13	−0·05	+0·02	−0·16
Srinagar	−0·84	−0·46	+0·45	−0·85
Kashgar	−0·05	−0·03	−0·19	−0·27
Leh	−0·22	−0·01	+0·17	−0·06

The year.—On the general average of all the plains stations, 1910 had the heaviest rainfall of the last 16 years; and yet the winter and spring seasons were drier than usual. The excessive fall of the year was in fact due entirely to the unusually rainy character of the period June to November, July excluded.

TABLE 109.

Period.	Rainfall of India (when the size of areas is taken into account) in 1910.			
	Actual	Normal.	Departure from normal.	Percentage departure from normal.
	"	"	"	
Cold weather	0·54	0·92	−0·38	−41
Hot "	4·29	4·53	−0·24	− 5
South-west monsoon	37·05	35·36	+1·69	+ 5
Retreating south-west monsoon	6·07	4·27	+1·80	+42
Whole year	47·95	45·08	+2·87	+ 6

There were only four small areas of deficient precipitation, namely, the Bay Islands and Lower Burma; Central India East and Chota Nagpur; Kashmir and Baluchistan; the Konkan and Malabar: nowhere however did the defect exceed 12 per cent in amount. The rest of the country had either an average or more than an average fall.

TABLE 110.

Sub-division.	Annual rainfall.			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.
	"	"	"	
1. Bay Islands	91·17	98·08	−6·91	−7
2. Lower Burma	117·81	122·83	−5·02	−4
3. Upper Burma	48·49	41·71	+6·78	+16
4. Assam	105·20	99·71	+5·49	+6
5. Eastern Bengal	94·76	85·51	+9·25	+11
6. Bengal	59·07	59·18	−0·11	0
7. Orissa	59·28	57·76	+1·52	+3
8. Chota Nagpur	47·83	53·40	−5·52	−10
9. Bihar	53·09	50·13	+2·96	+6
10. United Provinces, East	41·49	40·10	+1·39	+3
11. United Provinces, West	42·62	38·87	+3·75	+10
12. Punjab, East and North	26·37	23·77	+2·60	+11
13. Punjab, Southwest	9·27	8·81	+0·46	+5
14. Kashmir	26·36	26·60	−0·24	−1
15. North-West Frontier Province	22·95	16·09	+6·86	+43
16 Baluchistan	7·63	8·29	−0·66	−8
17. Sind	9·00	6·63	+2·37	+36
18. Rajputana, West	12·35	11·81	+0·54	+5
19. Rajputana, East	28·72	24·51	+4·21	+17
20. Gujarat	35·82	35·05	+0·77	+2
21. Central India, West	37·85	34·50	+3·35	+10
22. Central India, East	41·41	45·65	−4·24	−9
23. Berar	40·59	31·25	+9·34	+30
24. Central Provinces, West	47·59	45·61	+1·98	+4
25. Central Provinces, East	56·46	52·90	+3·56	+7
26. Konkan	99·82	113·15	−13·33	−12
27. Bombay, Deccan	34·87	32·18	+2·69	+8
28. Hyderabad, North	43·24	35·79	+7·45	+21
29. Hyderabad, South	31·35	29·72	+1·63	+5
30. Mysore	43·85	36·25	+7·60	+21
31. Malabar	121·78	128·76	−6·98	−5
32. Madras, Southeast	36·37	35·69	+0·68	+2
33 Madras, Deccan	33·55	24·78	+8·77	+35
34. Madras, Coast, North	49·63	40·25	+9·38	+23

As in the previous two years, the dry zone of northwest India constituted the rainiest region by comparison with the normal, thus showing that in years of strongly marked monsoon conditions the dry tract of northwest India tends to receive, *in proportion to the normal*, more rain than other parts of the country. This inference is borne out by the records of most of the years which have been characterized by abundant monsoon rainfall.

The excess in India accompanied an appreciable deficit in the Indian Ocean :—

TABLE 111.

Station.	Annual rainfall.			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.
	"	"	"	
Seychelles	85·00	99·21	−14·21	−14
Zanzibar	56·84	59·51	−2·67	−4
Mauritius	38·80	49·31	−10·51	−21

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G. C. B. P., Simla.—No. 298 M. R. G. I.—5-2-12.—455—C.B.C.

Table A.—Abstract of observations taken at 10 hrs. and 16 hrs. at 35 stations in India, etc., in the year 1910.

TABLE

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

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	18	29·887	29·769	·118	29·830	—·020	29·785	88·8	73·8	15·0	101·7	60·2	41·5	82·5	86·4	79·3	+0·1
	III.—Bengal.																	
6	Calcutta	21	·833	·716	·117	·773	—·014	·739	87·7	70·3	17·4	104·8	45·6	59·2	81·6	84·9	79·4	+0·1
	IV.—United Provinces of Agra and Oudh.																	
10	Allahabad	309	·527	·409	·118	·463	—·013	·725	89·0	66·1	23·8	113·1	40·5	72·6	81·5	87·8	76·7	—0·1
11	Dehra Dun	2,233	27·594	27·509	·085	27·544	—·027	·740	81·5	60·4	21·1	104·6	37·4	67·2	73·6	77·7	70·1	—0·1
	V.—Punjab.																	
12	Lahore	702	*29·109*	29·019	·090	29·056	—·015	·728	89·1	62·5	26·6	117·4	29·4	88·0	78·9	86·9	74·7	[illegible]
	VIII.—Rajputana.																	
19	Jaipur	1,431	28·423	28·319	·104	28·365	—·013	·745	90·5	64·7	25·8	114·2	36·0	78·2	81·9	88·3	76·5	—0·7
	Udaipur	1,925	27·947	27·849	·098	27·895	...	·755	87·6	63·3	24·3	106·3	35·4	70·9	80·7	88·0	75·2	...
	IX.—Bombay.																	
26	Bombay	37	29·864	29·763	·101	29·810	—·017	·787	86·4	74·6	11·8	95·2	60·3	34·9	80·3	82·5	79·4	+0·1
	XI.—Central Provinces.																	
24	Nagpur	1,017	28·839	28·711	·128	28·772	—·008	·743	91·4	67·7	23·7	113·2	46·8	66·4	82·3	88·7	78·6	—1·0
	XII.—Hyderabad.																	
29	Hyderabad	1,690	·183	·066	·117	·125	—·022	·742	90·5	69·1	21·4	109·8	49·2	60·6	82·2	87·4	78·8	+0·3
	XIII.—Mysore.																	
30	Bangalore	3,021	26·936	26·825	·111	26·884	—·017	·778	84·6	64·0	20·6	98·3	51·6	46·7	76·4	81·8	72·9	+0·3
	Mysore	2,518	27·426	27·307	·119	27·370	—·021	·791	85·3	65·1	20·2	99·6	51·9	47·7	77·6	82·5	73·8	—0·9
	XIV.—Madras.																	
32	Pudukkottai	318	29·584	29·446	·138	29·515	...	·762	92·9	73·8	19·1	105·6	63·7	41·9	85·2	89·7	83·4	...
	Madras	22	·872	·757	·115	·820	—·023	·773	90·8	74·5	16·3	112·9	62·3	50·6	85·9	85·9	81·6	—0·2
	Bay Islands.																	
1	Port Blair	58	·845	·752	·093	·800	—·020	·787	85·8	76·3	9·5	91·8	69·2	22·6	82·9	83·4	80·0	—1·1

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.

at 35 stations in India, etc., in the year 1910.

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.	
71·7	75·5	75·6	74·3	·760	·795	·744	·782	—·013	90	72	61	79	—3	5·8	6·4	6·1	+0·7	102·63	5·49	Rangoon	2
																				III.—Bengal.	
68·1	73·8	74·2	72·0	·692	·757	·725	·741	—·004	89	67	60	75	—2	3·9	4·5	4·2	—0·4	57·23	4·86	Calcutta	6
																				IV.—United Provinces of Agra and Oudh.	
61·2	67·5	68·7	65·8	·529	·523	·477	·521	—·047	77	47	37	57	—4	3·7	3·7	3·7	+0·1	34·18	2·92	Allahabad	10
56·2	62·9	64·3	61·1	·436	·470	·463	·466	—·002	77	56	49	64	0	3·9	4·7	4·3	+0·3	109·09	5·90	Dehra Dun	11
																				V.—Punjab.	
58·1	66·0	68·6	64·2	·483	·514	·493	·507	+·016	77	50	37	57	+1	2·0	2·6	2·3	—0·6	14·10	2·04	Lahore	12
																				VIII.—Rajputana.	
57·9	65·9	67·3	63·7	·418	·469	·437	·458	—·007	65	41	32	49	—3	3·1	3·7	3·4	—0·3	17·00	2·39	Jaipur	19
58·3	66·2	68·4	64·3	·460	·489	·495	·485	...	74	46	40	55	...	3·0	3·4	3·2	...	25·17	1·97	Udaipur	
																				IX.—Bombay.	
70·6	73·8	75·2	73·2	·702	·753	·779	·763	—·020	81	72	70	77	—1	3·9	3·5	3·7	—0·1	67·86	4·76	Bombay	26
																				XI.—Central Provinces.	
60·9	68·3	70·1	6[illegible]·4	·478	·532	·516	·515	—·017	69	50	42	56	0	3·3	4·1	3·7	—0·8	59·41	5·11	Nagpur	34
																				XII.—Hyderabad.	
62·7	68·2	69·7	66·6	·510	·523	·475	·510	—·069	71	50	39	55	—6	3·8	4·7	4·3	+0·1	27·63	4·39	Hyderabad	29
																				XIII.—Mysore.	
61·3	66·6	66·7	64·9	·518	·543	·496	·525	—·016	66	61	48	67	—1	4·7	5·1	4·9	...	46·08	3·96	Bangalore	30
62·9	68·3	68·5	66·5	·551	·581	·527	·563	+·005	88	61	50	69	+2	5·5	6·5	6·0	—0·1	42·64	3·75	Mysore	
																				XIV.—Madras.	
70·6	74·8	76·1	73·9	·711	·735	·728	·725	...	85	61	52	66	...	5·1	5·8	5·5	...	39·86	2·01	Pudukkottai	32
72·3	76·4	77·0	75·2	·770	·787	·814	·808	—·009	90	64	66	76	—1	4·6	4·3	4·5	—0·6	44·47	7·02	Madras	
																				Bay Islands.	
73·6	77·3	77·1	76·0	·789	·863	·849	·851	—·051	87	77	74	82	—2	6·4	7·0	6·7	+0·8	114·12	4·38	Port Blair	1

Table

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

Number of 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 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.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
	Kashmir.																	
14	Srinagar	5,204	24·877	24·793	·084	24·832	—·025	24·803	66·2	44·8	21·4	92·1	17·3	74·8	55·5	64·1	53·9	+0·6
	Leh	11,503	19·686	19·593	·093	19·640	—·023	19·608	55·3	30·0	25·3	83·1	0·5	82·6	45·5	51·4	41·0	0
	Baluchistan.																	
16	Quetta	5,502	24·624	24·551	·073	24·580	—·009	24·540	73·6	42·3	31·3	98·3	2·9	95·4	64·9	70·6	57·7	—1·0
	Hill Stations, excluding Kashmir and Baluchistan.																	
	Simla	7,232	23·101	23·052	·049	23·069	—·007	23·031	60·5	49·8	10·7	81·4	26·2	55·2	56·2	57·8	54·9	—0·3
	Sarain	...	·134	·080	·054	·099	...	·061	61·7	43·1	18·6	81·0	19·6	61·4	55·1	56·6	52·1	...
	Kalabagh (b)	...	20·127	20·092	·035	20·102	...	20·083	50·2	39·3	10·9	61·6	21·9	39·7	46·2	47·1	44·4	...
	Chakrata	7,022	23·281	23·233	·048	23·248	—·004	23·208	65·5	49·3	16·2	82·8	28·2	54·6	59·2	58·9	57·1	+0·4
	Mukteswar	7,592	22·832	22·769	·063	22·793	...	22·751	63·7	47·7	16·0	82·9	26·6	56·3	56·8	59·5	55·4	...
	Katmandu	4,388	25·613	25·511	·102	25·559	—·007	25·513	76·3	53·6	22·7	93·0	30·8	62·2	66·2	72·5	64·7	+0·1
	Darjiling	7,376	22·982	22·905	·077	22·940	—·050	22·895	59·5	47·7	11·8	80·0	28·8	51·2	55·6	55·6	53·4	+0·7
	Pachmarhi	3,528	26·427	26·349	·078	26·384	—·015	26·331	79·5	60·4	19·1	98·8	36·6	62·2	71·3	77·0	69·7	—0·4
	Mount Abu	3,945	·030	25·959	·071	25·990	—·018	25·940	75·4	61·8	13·6	91·7	35·8	55·9	70·8	72·8	68·3	—0·5
	Chikalda	3,642	·319	26·217	·102	26·263	—·034	26·207	79·7	63·0	16·7	97·7	45·5	52·2	72·7	77·3	71·1	—0·6
	Ootacamund	7,327	23·055	22·901	·154	23·016	...	22·952	66·1	48·7	17·4	77·1	34·6	42·5	62·6	61·0	57·1	...
	Kodaikanal (c)	7,688	22·817	·751	·066	22·784	...	·719	64·5	51·1	13·4	75·4	40·8	34·6	60·9	59·3	57·8	...
	Dodabetta	8,539?	·058	21·992	·066	·022	...	21·959	60·3	47·8	12·5	72·5	38·1	34·4	56·1	55·3	53·8	...
	Extra India.																	
	Minicoy	7	29·939	29·881	·058	29·915	...	...	...	...	...	...	...	...	...	...	...	...
	Zanzibar	72	·996	·888	·108	·947	—·003	29·946	83·5	76·3	7·2	89·8	70·2	19·6	79·9	82·6	79·0	—0·1
	Diego Garcia	...	...	...	...	...	...	...	...	...	...	Observations not received.						
	Seychelles	15	·977	·889	·088	·939	—·005*	·887	82·6	76·8	5·8	87·3	72·2	15·1	80·6	81·5	78·5	+0·4*
	Mauritius (c)	181	...	...	...	·881	—·016	30·010	...	...	...	90·2	53·5	36·7	...	...	72·5	—0·5

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.

(b) Observations of 9 months.

(c) " " 11 "

* Departure from old normal.

A—concld.

at 35 stations in India, etc., in the year 1910.—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.	
42·1	51·9	59·2	51·1	·273	·401	·520	·372	+·009	80	79	75	78†	−3	4·2	4·7	4·5	0	22·72	2·65	Srinagar	14
25·7	35·7	38·4	33·3	·125	·149	·147	·139	+·005	64	45	36	50	0	4·5	5·8	5·1	−0·5	3·35	0·37	Leh	
																				Baluchistan.	
39·4	48·3	50·4	46·1	·239	·189	·175	·202	−·015	80	33	27	48	−2	1·9	2·6	2·3	−0·1	5·85	0·97	Quetta	16
																				Hill Stations, excluding Kashmir and Baluchistan.	
43·7	47·7	49·3	46·9	·246	·266	·284	·226	−·017	62	54	56	59	−2	4·8	5·7	5·3	+0·1	79·00	2·90	Simla	
...	47·2	48·7	...	...	·269	·288	...	...	...	57	59	...	...	5·1	5·3	5·5	...	69·15	4·65	Sarain	
...	41·9	43·0	...	...	·242	·256	...	...	...	73	75	...	...	6·3	6·8	6·5	...	(a) 80·78	9·79	Kalabagh	
44·7	51·5	51·9	49·4	·271	·323	·336	·311	+·013	70	60	64	67	+2	4·3	5·3	4·8	+0·2	91·93	5·78	Chakrata	
41·9	46·8	51·0	47·2	·228	·283	·306	·277	...	62	57	58	61	...	5·1	6·0	5·5	...	73·68	7·18	Muktesar	
51·6	59·3	61·6	57·5	·395	·455	·444	·432	−·017	87	68	53	71	−2	3·5	4·5	4·0	−0·6	65·71	3·89	Katmandu	
46·4	52·3	52·5	50·4	·317	·374	·379	·358	+·003	89	81	82	85	−1	7·1	7·6	7·3	+0·7	115·93	5·51	Darjiling	
54·2	60·9	62·8	59·3	·374	·430	·422	·411	−·011	68	58	49	61	+1	2·1	2·4	2·3	−2·1	77·03	5·69	Pachmarhi	
52·1	58·4	59·7	56·7	·301	·366	·380	·351	−·014	51	48	47	52	−2	3·6	3·7	3·7	+0·1	57·98	6·21	Mount Abu	
56·3	61·0	63·2	60·2	·391	·413	·423	·411	−·020	67	54	49	59	−1	3·8	3·8	3·8	−0·5	92·73	6·38	Chikalda	
46·9	53·1	53·9	51·0	·288	·311	·347	·315	...	82	57	67	69	...	5·5	7·0	6·3	...	61·65	2·77	Ootacamund	
45·9	53·0	54·4	51·1	·268	·328	·377	·324	...	70	62	76	69	...	4·9	6·8	5·9	...	71·80	3·62	Kodaikanal	
42·5	49·4	50·4	47·4	·221	·286	·321	·276	...	66	64	74	68	...	5·9	7·2	6·5	...	68·89	3·10	Dodabetta	
																				Extra India.	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	4·6	4·9	4·7	...	72·85	5·05	Minicoy	
70·8	74·8	74·4	73·3	·684	·793	·738	·764	−·050	75	75	66	74	−5	6·5	5·6	6·1	+0·9	56·84	3·47	Zanzibar	
...	...	...	...	...	...	...	...	...	...	...	...	Observations		not received		...	...	...	...	Diego Garcia	
71·0	75·1	75·3	73·8	·631	·799	·796	·777	−·036	73	76	74	77	−4	5·9	6·1	6·0	−0·2*	55·00	3·56	Seychelles	
...	...	...	67·6	...	...	...	·604	−·015	...	...	...	75	−1	...	...	5·9	+0·2	36·07	3·07	Mauritius	

* Departure from old normal.

† Mean of three previous columns.

(a) Total rainfall of 8 months.

Table B.—Abstract of observations taken at 8 hrs. at 243 stations in India, etc., in the year 1910.

(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	—·017	87·4	—1·1	70·3	+0·1	78·9	—0·5	17·1	48·4	—0·3	85	+2	·749	+·005	5·0	+0·2	80·20	78·83	+1·37
Eastern Bengal and Assam	—·010	84·5	—0·4	67·8	—0·2	76·1	—0·3	16·7	52·9	—0·9	86	—2	·718	—·016	4·6	—0·2	100·02	92·71	+7·31
Bengal	—·012	87·9	—0·3	68·5	—0·5	78·2	—0·4	19·4	62·4	—0·4	76	—1	·673	—·013	3·6	—0·2	55·38	54·50	+0·88
United Provinces of Agra and Oudh	—·012	87·9	—0·6	65·0	—0·7	76·5	—0·6	23·0	73·2	—0·1	67	—1	·562	—·004	2·8	—0·3	42·04	39·53	+2·51
Punjab	—·006	88·3	—1·2	63·2	—0·6	75·7	—0·9	25·1	83·6	+0·3	63	—1	·492	—·007	2·3	—0·5	22·92	20·73	+2·19
North-West Frontier Province	—·023	85·5	—2·5	60·5	—0·3	73·1	—1·4	25·0	86·1	—0·9	65	+1	·491	+·005	2·6	+0·1	22·95	16·09	+6·86
Sind	—·015	90·6	—0·5	68·1	0	79·4	—0·3	22·5	75·1	—1·7	65	+2	·597	+·026	2·5	—0·3	9·00	6·63	+2·37
Rajputana	—·010	90·0	—0·7	65·5	—1·9	77·7	—1·3	24·5	75·1	+0·4	56	+1	·481	—·018	2·8	—0·1	23·81	21·07	+2·74
Bombay	—·013	88·7	—0·5	68·4	—0·9	78·6	—0·7	20·3	54·1	—0·8	67	—3	·605	—·027	3·5	—0·1	47·01	47·84	—0·83
Central India	—·011	88·1	—0·6	64·1	—0·7	76·1	—0·7	23·9	70·7	—1·1	61	—1	·504	—·017	3·6	+0·6	39·13	38·36	+0·77
Central Provinces	—·010	89·2	—0·6	66·3	—0·7	77·8	—0·6	22·9	65·8	+0·1	59	—3	·497	—·041	3·6	+0·1	46·71	41·38	+5·33
Hyderabad	—·018	90·9	—0·3	68·7	—0·2	79·8	—0·2	22·3	60·0	—1·6	60	—5	·532	—·067	3·7	—0·1	36·73	32·48	+4·25
Mysore	—·015	84·7	—0·3	64·5	—0·3	74·6	—0·3	20·2	47·8	+0·7	77	+2	·581	—·001	5·2	0	43·85	36·25	+7·60
Madras	—·018	90·2	—0·4	73·5	—0·3	81·9	—0·4	16·7	43·2	+0·4	76	0	·751	—·022	4·8	+0·1	47·68	44·02	+3·66

Table

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

Number of sub-division.	Station.	Elevation of barcistern 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 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.																				
2	Mergui	65	29·849	—·020*	29·845	30·046	29·726	·320	·157	77·9	87·0	—0·6	72·4	+1·2	79·7	+0·3	14·6	94·4	57·4	37·0	22·3
	Tavoy	19	29·894	—·029	29·845	30·106	29·730	·376	·164	76·1	87·3	—0·6	72·7	+1·6	80·0	+0·5	14·6	98·0	55·3	42·7	23·1
	Moulmein	94	29·818	—·006	29·851	30·064	29·563	·501	·201	76·6	88·2	+0·1	72·7	+0·4	80·5	+0·3	15·5	97·0	60·3	36·7	24·8
	Rangoon	18	29·877	—·022	29·832	30·112	29·605	·507	·204	76·8	88·8	—0·7	73·7	+0·9	81·3	+0·1	15·0	101·6	60·4	41·2	23·9
	Bassein	27?	29·867	—·007	29·831	30·110	29·553	·557	·211	76·4	87·7	—0·4	72·9	+0·8	80·3	+0·2	14·7	96·7	56·9	39·8	22·6
	Diamond Island	41	29·849	—·019	29·825	30·081	29·522	·559	·207	80·5	85·1	—0·4	74·5	—0·7	79·8	—0·5	10·6	90·4	68·2	22·2	17·9
	Toungoo	164	29·723	—·014	29·831	29·971	29·418	·553	·211	75·0	88·9	—1·3	70·5	—0·3	79·7	—0·8	18·5	102·5	49·8	52·7	23·6
	Kyaukpyu	18	29·856	...	29·814	30·114	29·404	·710	·245	76·8	84·0	...	72·3	...	78·1	...	11·7	93·0	56·4	36·6	20·1
	Akyab	20	29·855	—·017	29·817	30·134	29·387	·747	·263	74·1	84·5	—1·6	71·2	—1·1	77·9	—1·3	13·3	94·9	53·5	41·4	22·3
8	Thayetmyo	121	29·754	—·016	29·818	30·038	29·386	·652	·241	75·5	89·9	—1·9	69·1	—0·5	79·5	—1·2	20·8	104·9	46·9	58·0	31·4
	Minbu	*165*	29·703	—·022	29·814	30·010	29·405	·605	·232	74·6	91·1	—1·1	70·5	—0·6	80·8	—0·9	20·6	107·8	50·0	57·8	31·6
	Yamethin	657	29·199	—·032	29·817	29·465	28·923	·542	·221	73·7	89·8	—2·4	68·9	—0·5	79·4	—1·4	20·9	105·8	48·0	57·8	32·0
	Mandalay	250	29·629	—·001	29·831	29·943	29·291	·652	·253	75·7	93·0	+0·5?	71·8*	—0·2*	82·4*	+0·1*	21·3*	113·5	49·9	63·6	31·1
	Monywa	*280*	29·607	...	29·833	29·946	29·254	·692	·257	74·6	90·8	...	71·0	...	80·9	...	19·9	109·8	52·1	57·7	31·7
	Lashio	*2,820*	27·085	—·031	29·834	27·339	26·805	·534	·217	65·7	81·1	—1·4	60·7	+0·7	70·9	—0·3	20·5	97·3	39·0	58·3	31·8
	Bhamo	*381*	29·498	—·002	29·843	29·832	29·148	·684	·266	69·5	85·0	—1·6	65·0	—0·2	75·0	—0·9	20·1	104·4	43·1	61·3	31·5
	Myitkyina	478	29·396	...	29·824	29·719	29·065	·654	·260	69·7	83·6	...	65·1	...	74·4	...	18·4	102·2	44·0	58·2	31·5
	II.—Eastern Bengal and Assam.																				
4	Dibrugarh	353	29·516	...	29·838	29·839	29·146	·693	·291	9·3	80·4	...	65·7	...	73·0	...	14·7	95·9	45·6	50·3	28·8
	Sibsagar	333	29·551	—·016	29·851	29·884	29·156	·728	·290	69·3	80·6	—1·2	65·7	—0·2	73·1	—0·7	14·9	96·6	43·0	52·6	27·3
	Tezpur	252	29·619	...	29·836	29·968	29·236	·732	·298	69·9	83·7	...	67·7	...	75·7	...	15·9	98·1	47·4	50·7	27·4
	Gauhati	195	29·676	...	29·832	30·009	29·255	·754	·295	71·1	84·3	...	66·4	...	75·3	...	17·9	97·3	46·1	51·2	29·8
	Dhubri	115	29·735r	—·005r	29·807r	30·097	29·389	·708	·267r	71·3	81·9	—1·0	68·7	+0·5	75·3	—0·3	13·2	95·5	49·7	45·8	24·0
	Silchar	104	29·789	+·002	29·848	30·102	29·327	·775	·266	71·6	85·3	—0·9	66·9	—0·6	76·1	—0·7	18·4	98·3	46·8	51·5	30·8
5	Cox's Bazar	36	29·825	...	29·805	30·114	29·344	·770	·266	...	...	...	...	...	...	...	...	...	...	...	...
	Chittagong	87	29·777	—·015	29·812	30·073	29·297	·776	·265	73·7	84·4	—0·3	68·4	—1·1	76·4	—0·7	16·0	94·0	48·5	45·5	26·8
	Noakhali	43	29·823	...	29·814	30·142	29·353	·789	·268	74·3	83·6	...	69·4	...	76·5	...	14·2	92·8	48·4	44·4	24·3
	Barisal	12	29·834	—·013	29·793	30·153	29·335	·818	·270	75·5	85·3	—0·6	69·3	—1·1	77·3	—0·8	16·0	96·3	47·1	49·2	26·7
	Comilla	36	29·825	...	29·809	30·139	29·373	·766	·265	74·5	85·8	...	69·3	...	77·6	...	16·5	96·3	48·3	48·0	26·6
	Narayanganj	26	29·824	—·009	29·799	30·180	29·366	·814	·272	74·9	85·8	—0·7	70·1	—0·5	77·9	—0·6	15·7	97·0	50·8	46·2	26·1
	Faridpur	46	29·808	...	29·805	30·143	29·330	·818	·277	74·1	85·7	...	68·5	...	77·1	...	17·2	104·8	46·4	58·4	29·4
	Sirajganj	49	29·803	...	29·803	30·148	29·334	·814	·279	72·3	84·9	...	68·4	...	76·6	...	16·5	102·4	44·8	57·6	29·3
	Mymensingh	63	29·803	—·003	29·818	30·133	29·344	·789	·267	74·4	84·8	+0·5	68·9	+0·5	76·9	+0·5	15·9	97·1	47·6	49·5	26·9
	Bogra	75	29·781	+·002	29·809	30·119	29·333	·786	·273	74·7	86·0	—0·4	68·0	—0·1	77·0	—0·3	18·0	102·2	46·2	56·0	30·5
	Rampur Boalia	70	29·774	...	29·795	30·156	29·307	·849	·289	74·4	86·8	...	68·7	...	77·8	...	18·1	106·1	46·1	60·0	30·7
	Malda	72	29·757	...	29·782	30·150	29·299	·851	·288	73·9	86·0	...	67·2	...	76·6	...	18·9	104·3	44·0	60·3	31·4
	Dinajpur	123	29·707	—·018	29·788	30·065	29·266	·799	·295	71·4	86·0	0	66·6	—0·6	76·3	—0·3	19·5	102·8	42·5	60·3	31·4
	Rangpur	123	29·732	...	29·813	30·081	29·295	·786	·291	72·8	84·7	...	65·7	...	75·2	...	19·0	99·6	43·0	56·6	31·0
	Jalpaiguri	283	29·558	—·023	29·805	29·903	29·134	·769	·298	70·9	84·7	+1·0	66·8	+0·8	75·8	+0·9	18·0	96·4	47·9	48·5	29·3
	Cooch Behar	156	29·698	...	29·814	30·045	29·252	·793	·302	70·4	83·2	...	67·1	...	75·1	...	16·0	94·8	47·6	47·2	27·2

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.

* Mean of 11 months.
r = „ of 6 „

B—*contd.*

243 stations in India, etc., in the year 1910.

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
																									I.—Burma.
207	5	6	8	23	15	5	...	1	5·5	1·9	+3·6	89	+ 4	·841	+·025	3·9	−1·4	162	154·20	+7·80	167·65	168·37	— 0·72	5·59	Mergui.
359	...	1	1	1	1	2	...	...	1·3*	1·5	−0·2	89	+ 2	·809	+·008	4·6	−0·5	150	147·30	+2·70	241·50	209·28	+32·22	11·75	Tavoy.
115	36	29	117	32	22	5	5	4	4·7	3·1	+1·6	88	+ 1	·810	+·010	6·1	+1·2	134	140·60	−6·60	190·30	183·92	+ 6·38	6·80	Moulmein.
124	36	74	17	10	43	25	23	13	3·2	4·3	−1·1	85	− 3	·797	−·008	6·2	+1·2	126	123·10	+2·90	102·63	96·78	+ 5·85	5·48	Rangoon.
268	12	10	5	7	10	6	26	21	4·2	4·4	−0·2	89	+ 1	·823	+·006	4·2	−0·7	106	128·50	−22·50	81·59	112·00	−27·41	4·21	Bassein.
22	36	79	25	27	27	67	25	57	10·7	8·7	+2·0	79	0	·830	+·013	4·4	−1·0	102	120·14	−18·14	94·86	116·08	−21·22	5·39	Diamond Island.
84	41	30	7	100	42	23	3	35	2·1	3·3	−1·2	89	+ 3	·804	+·026	5·4	+0·2	124	113·60	+10·40	89·68	79·11	+10·57	4·19	Toungoo.
19	12	112	35	131	10	20	10	16	4·4*	...	...	86	...	·804	...	3·3	...	127	...	...	155·17	...	...	5·75	Kyaukpyu.
34	55	117	53	54	13	19	13	7	3·6	3·2	+0·4	91	+ 3	·778	−·027	5·1	0	128	118·70	+9·30	218·11	189·20	+28·91	11·50	Akyab.
10	43	58	4	62	95	59	9	25	5·3*	5·1	+0·2	83	+ 7	·748	+·040	4·9	+0·7	63	72·50	−9·50	35·12	36·72	− 1·60	2·70	Thayetmyo.
32	16	3	1	147	58	18	5	85	3·7	8·7	−5·0	78	+ 3	·685	−·017	4·9	+1·5	67	50·50	+16·50	48·24	31·86	+16·38	6·02	Minbu.
87	20	3	...	115	87	4	...	49	3·3	5·7	−2·4	84	+ 6	·713	+·011	4·4	+1·7	64	61·20	+2·80	46·94	37·56	+ 9·38	2·77	Yamethin.
184	6	7	4	80	46	19	3	16	4·8	5·0	−0·2	75	0	·670	−·040	4·3	0	68	47·50	+20·50	42·71	32·36	+10·35	3·84	Mandalay.
44	103	13	21	108	28	4	2	42	3·7	...	...	82	...	·719	...	5·2	...	42	44·60	−2·60	41·09	28·40	+12·69	3·74	Monywa.
204	21	42	17	6	18	45	6	6	3·1*	...	...	87	+ 1	·568	+·007	5·8	−0·9	100	...	...	74·39	61·26	+13·11	3·48	Lashio.
350	2	10	...	1	1	1	...	...	1·5	2·4	−0·9	91	+ 4	·688	+·014	6·1	+1·0	115	99·80	+15·20	92·53	73·38	+19·15	3·48	Bhamo.
241	7	39	65	10	1	1	...	1	1·6	...	...	86	...	·615	...	5·8	...	113	...	...	102·80	74·84	+27·96	6·35	Myitkyina.
																									II.—Eastern Bengal and Assam.
239	11	39	35	14	6	14	2	5	1·3	...	...	93	...	·689	...	6·3	...	146	131·80	+14·20	117·67	114·39	+ 2·68	4·03	Dibrugarh.
191	20	79	4	9	13	37	1	10	1·9	2·4	−0·5	94	− 1	·699	−·012	7·5	+0·4	145	125·00	+20·00	98·19	96·21	+ 1·98	4·45	Sibsagar, (a).
300	...	47	14	3	...	1	...	1	2·8	...	...	90	...	·685	...	5·4	...	115	103·90	+11·10	76·85	71·66	+ 5·19	5·64	Tezpur.
303	9	12	7	16	5	5	4	4	2·3	...	...	88	...	·705	...	6·9	...	93	91·50	+1·50	54·21	63·39	− 9·18	2·65	Gauhati.
84	2	99	102	18	18	39	...	2	5·0	5·2	−0·2	87	0	·702	+·001	3·3	−1·6	95	92·50	+2·50	103·03	93·28	+ 9·75	9·10	Dhubri. (a).
192	3	22	45	33	...	3	...	...	(l) 1·8	2·4	(l) −0·5	88	0	·715	−·012	4·1	−2·3	145	136·80	+8·20	143·37	121·86	+18·51	7·16	Silchar, (b).
73	19	58	68	71	54	16	3	3	3·9	...	...	...	...	...	...	3·6	...	94	...	...	100·51	...	...	7·06	Cox's Bazar.
55	36	63	14	122	37	12	3	23	3·8	4·9	−1·1	86	− 1	·734	−·029	4·9	−0·1	99	96·41	+2·59	98·69	96·52	+ 2·17	10·57	Chittagong.
46	49	48	39	79	54	33	9	8	4·7	...	...	87	...	·750	...	3·9	...	126	109·36	+16·64	137·63	113·68	+23·95	9·54	Noakhali.
127	31	28	12	34	78	38	6	11	2·2	3·2	−1·0	84	− 2	·761	−·041	4·6	−0·2	119	97·90	+21·10	78·90	77·60	+ 1·30	2·77	Barisal.
190	3	9	13	86	58	6	...	...	3·0	...	...	87	...	·768	...	2·9	...	119	100·25	+18·75	114·56	90·24	+24·32	5·98	Comilla.
62	29	17	46	50	56	46	22	36	3·9	4·9	−1·0	84	− 2	·754	−·024	5·0	−0·3	103	94·08	+8·92	76·75	69·60	+ 7·15	4·14	Narayanganj, (a).
99	31	1	22	54	111	13	8	26	3·2	...	...	85	...	·747	...	4·3	...	95	89·40	+5·60	79·68	68·56	+11·12	7·29	Faridpur.
99	14	11	34	48	70	31	28	30	3·0*	...	...	87	...	·722	...	5·3	...	98	78·66	+19·34	69·80	61·38	+ 8·42	4·11	Sirajganj.
173	7	13	62	68	22	8	1	11	1·6	2·7	−1·1	84	− 4	·740	+·001	(k) 6·8	(k) +1·6	122	104·22	+17·78	119·18	87·55	+31·63	6·57	Mymensingh.
204	25	13	57	5	43	2	4	12	1·5	3·0	−1·5	76	− 8	·684	−·046	3·2	−0·8	94	81·84	+12·16	75·65	67·14	+ 8·51	3·49	Bogra.
257	7	6	5	10	32	40	8	...	3·0	...	...	81	...	·737	...	4·2	...	74	75·14	−1·14	36·89	57·62	−20·73	2·11	Rampur Boalia.
33	27	44	40	57	51	36	20	57	4·7	...	...	82	...	·720	...	2·5	...	74	69·20	+4·80	52·71	54·18	− 1·47	5·18	Malda.
117	10	38	71	37	30	20	32	10	2·7	3·6	−0·9	85	+ 2	·694	0	4·1	−0·1	88	77·09	+10·91	69·41	70·99	− 1·58	3·60	Dinajpur.
142	13	57	64	33	21	18	9	8	1·9	...	...	83	...	·702	...	2·7	...	88	81·61	+6·39	95·47	84·02	+11·45	4·50	Rangpur.
233	10	18	51	32	6	3	2	10	1·7	...	...	85	− 1	·183	−·003	5·1	+1·3	101	99·26	+1·74	141·99	123·20	+18·79	5·47	Jalpaiguri.
158	...	25	117	25	11	19	9	1	1·8	...	...	88	...	·688	...	5·1	...	110	100·59	+9·41	178·26	128·63	+49·63	9·33	Cooch Behar.

* Uncorrected for scale error.

l = Mean of 8 months.
k = " 11 "

(*a*) Wind observations for 364 days.
(*b*) " " " 298

Table

(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 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 monthly 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
	III.—Bengal.																				
6	Saugor Island	25	29·809	—·016	29·778	30·167	29·165	1·002	·316	77·0	86·2	+0·7	73·2	—0·5	79·7	+0·1	13·0	95·5	49·0	46·5	29·0
	Midnapur	149	29·682	...	29·780	30·042	29·145	·897	·306	75·3	90·4	...	70·1	...	80·2	...	20·3	111·3	45·7	65·6	33·3
	Calcutta	21	29·819	—·011	29·787	30·183	29·247	·936	·310	74·8	87·7	+1·1	70·3	—0·3	79·0	+0·4	17·4	104·7	45·5	59·2	29·2
	Jessore	33	29·807	—·015	29·787	30·173	29·285	·888	·295	75·1	87·0	—0·8	68·8	—1·1	77·9	—0·9	18·1	106·5	43·7	62·8	31·1
	Krishnagar	47	29·790	...	29·787	30·155	29·280	·875	·289	72·8	87·9	...	69·0	...	78·5	...	18·9	107·4	45·0	62·4	31·4
	Burdwan	99	29·738	—·012	29·787	30·105	29·215	·890	·309	74·2	89·0	0	70·0	—0·5	79·5	—0·3	19·0	109·9	46·8	63·1	31·6
	Bankura	313	29·511	...	29·779	29·870	29·007	·863	·301	75·5	89·8	...	69·5	...	79·7	...	20·2	112·1	44·7	67·4	33·3
	Ranigan	334	29·502	...	29·797	29·870	29·013	·857	·307	72·8	89·5	...	69·1	...	79·3	...	20·4	112·5	44·0	68·5	33·4
	Berhampore	67	29·775	—·009	29·793	30·148	29·292	·856	·300	73·3	87·1	—0·7	69·3	—0·3	78·2	—0·5	17·8	107·1	47·2	59·9	30·1
7	Balasore	50	29·788	—·012	29·783	30·156	29·190	·966	·324	75·5	88·9	+0·3	70·2	—0·3	79·5	+0·1	18·8	110·4	48·6	61·8	31·5
	False Point	21	29·825	—·011	29·788	30·174	29·201	·973	·328	77·2	85·4	—0·5	70·0	—1·2	78·1	—0·8	14·5	95·7	48·6	47·1	35·7
	Cuttack	80	29·764	—·007	29·788	30·141	29·208	·933	·322	77·0	90·2	—1·2	71·9	—0·6	81·0	—0·9	18·2	111·4	53·2	58·2	33·3
	Puri	24	29·822	...	29·785	30·178	29·274	·904	·317	77·9	86·3	...	74·2	...	80·2	...	12·1	93·6	56·6	37·0	29·3
	Angul	455	29·381	...	29·804	29·736	28·879	·857	·316	74·5	90·0	...	68·9	...	79·5	...	21·1	113·1	47·0	66·1	34·1
	Sambalpur	486	29·354	—·014	29·796	29·719	28·730	·989	·329	76·2	90·0	—1·0	69·1	—0·9	79·5	—0·9	20·9	111·6	46·1	65·5	34·8
7	Chaibasa	733	29·079	—·017	29·779	29·437	28·572	·865	·309	72·1	89·9	—0·5	67·5	—0·9	78·7	—0·9	22·5	113·1	44·8	68·3	35·8
	Ranchi	2,128	27·704	—·002	29·794	28·011	27·259	·752	·289	70·9	84·4	—0·1	65·6	+0·4	75·0	+0·1	18·8	106·2	44·9	61·3	31·6
	Purulia	*816*	29·004	...	29·786	29·352	28·564	·788	·291	71·9	90·0	...	68·0	...	79·0	...	22·0	111·5	45·1	66·4	34·8
	Hazaribagh	2,007	27·814	—·011	29·780	28·124	27·389	·735	·278	73·1	84·1	—0·5	65·6	0	74·8	—0·3	18·5	106·7	44·3	62·4	31·1
	Daltonganj	*730*	29·106	...	29·812	29·475	28·629	·846	·320	70·5	89·7	...	65·2	...	77·5	...	24·5	113·1	37·0	76·1	40·2
9	Purnea	134	29·712	—·004	29·803	30·077	29·258	·819	·301	71·5	85·8	—0·9	66·3	+0·2	76·2	—0·3	19·3	102·5	42·4	60·1	31·7
	Bhagalpur	160	29·673	...	29·788	30·054	29·204	·850	·300	75·4	87·8	...	67·3	...	77·6	...	20·5	107·2	41·8	65·4	33·3
	Monghyr	155	29·674	...	29·781	30·061	29·206	·855	·303	74·9	85·7*	...	68·2	...	76·7*	...	18·2*	104·2	42·4	61·8	29·9*
	Darbhanga	165	29·663	—·015	29·787	30·041	29·229	·812	·296	72·8	86·8	+0·9	66·3	—2·3	76·6	—0·7	20·5	104·6	43·2	61·4	32·6
	Pusa	*188*	*29·639*	...	29·762	30·026	29·201	·825	·299	72·5	88·0	...	65·5	...	76·8	...	22·5	108·4	41·7	66·8	34·7
	Muzaffarpur	177	29·657	...	29·795	30·043	29·231	·812	·301	73·0	86·5	...	66·2	...	76·4	...	20·3	105·7	43·0	62·7	32·6
	Motihari	221	29·602	...	29·789	29·992	29·184	·808	·296	70·5	85·8	...	66·0	...	75·9	...	19·8	103·1	44·3	58·8	31·5
	Chapra	181	29·636	...	29·776	30·020	29·206	·814	·287	72·1	87·9	...	67·4	...	77·8	...	20·5	109·3	44·3	65·0	32·3
	Patna	183	29·641	—·020	29·782	30·032	29·206	·826	·296	74·9	86·4	—1·4	68·6	+0·1	77·5	—0·6	17·7	106·5	44·2	62·3	32·5
	Arrah	190	29·631	...	29·778	30·004	29·198	·806	·292	74·2	88·0	...	67·5	...	77·7	...	20·5	109·6	43·5	66·1	32·9
	Buxar	239	29·576	...	29·777	29·953	29·145	·808	·297	73·3	88·8	...	67·9	...	78·3	...	20·9	110·0	43·6	66·4	34·2
	Dehri	351	29·479*	...	29·793*	29·841	29·020	·821	·296	74·3	89·6	...	69·6	...	79·6	...	20·0	113·8	46·5	67·3	33·9
	Gaya	372	29·443	—·022	29·777	29·829	29·022	·807	·300	74·7	89·4	—0·6	68·8	0	79·1	—0·3	20·6	111·9	45·2	66·7	33·3
	Naya Dumka	469	29·337	...	29·795	29·706	28·881	·825	·296	73·7	87·7	...	67·3	...	77·5	...	20·3	108·9	43·0	65·9	33·7

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.

* Mean of 11 months.

B—*contd.*

243 stations in India, etc., in the year 1910.

Wind direction. Numbers 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.
2	65	67	21	20	95	64	14	17	12·2	11·7	+0·5	86	0	·817	−·016	4·8	−0·9	74	81·96	−7·96	62·68	72·23	−0·55	5·85	Saugor Island.
31	105	25	8	18	146	9	4	12	3·1	...	...	74	...	·688	...	3·6	...	80	78·22	+1·78	45·78	61·26	−15·48	2·85	Midnapur, (a).
43	28	27	42	38	46	90	8	43	4·6†	4·4	+0·2	84	+1	·766	−·002	4·2	0	84	85·54	−1·54	57·23	59·55	−2·32	4·86	Calcutta.
255	6	7	7	42	29	11	4	4	0·8	3·0	−2·2	80	−6	·748	−·043	3·7	−1·0	91	88·45	+2·55	73·52	64·02	+9·50	4·13	Jessore.
198	6	9	29	37	53	18	7	8	1·9	...	...	86	...	·739	...	4·2	...	83	74·20	+8·80	74·73	55·12	+19·66	5·27	Krishnagar.
113	28	28	28	9	22	77	25	35	2·5	3·1	−0·6	80	+4	·726	+·020	4·9	+0·4	74	77·88	−3·88	54·15	57·06	−2·91	4·26	Burdwan.
286	2	2	5	12	19	14	10	15	2·8	...	...	70	...	·650	...	2·8	...	63	77·37	−14·37	44·25	56·43	−12·18	4·20	Bankura.
264	3	8	21	16	3	13	11	26	1·7	...	...	77	...	·675	...	3·8	...	76	72·95	+3·05	45·60	56·13	−10·53	3·15	Raniganj.
110	16	16	53	27	74	40	14	15	3·1	3·2	−0·1	82	−3	·713	−·030	5·1	+0·4	80	77·22	+2·78	54·45	55·13	−0·68	5·74	Berhampore.
78	39	23	11	3	32	112	19	47	2·9	4·8	−1·9	77	−6	·706	−·070	3·7	−1·2	72	81·12	−9·12	45·43	64·68	−19·25	3·80	Balasore (b).
36	56	12	12	9	33	97	51	59	8·1	9·3	−1·2	84	−1	·864	−·022	5·4	+0·2	73	73·74	−0·74	57·68	65·69	−8·01	4·28	False Point.
161	4	20	18	8	26	76	47	5	2·6†	2·8	−0·2	82	+4	·770	+·031	4·0	−0·3	80	75·61	+4·39	68·43	59·70	+8·73	7·00	Cuttack.
26	135	27	3	6	19	122	15	12	10·6	...	...	83	...	·866	...	4·0	...	60	62·68	+6·32	49·62	58·14	−8·52	3·36	Puri.
74	12	34	19	32	11	4	35	144	5·3	...	...	78	...	·697	...	3·5	...	78	...	...	55·48	...	...	3·73	Angul.
...	15	52	37	58	63	112	21	7	4·6	3·6	+1·0	67	−4	·636	−·023	4·1	+0·2	65	72·00	−7·00	56·63	67·39	−10·76	4·86	Sambalpur.
79	14	21	18	7	23	123	70	7	2·9	1·8	+1·1	77	+2	·649	−·018	3·9	+0·3	64	75·30	−11·30	46·03	51·29	−5·26	2·70	Chaibasa.
54	14	12	25	19	33	45	91	72	6·6	6·3	+0·3	64	−3	·504	−·034	3·9	+0·4	83	81·49	1·51	64·81	55·79	+9·02	5·35	Ranchi.
141	11	28	8	6	15	19	90	47	2·7	...	...	75	...	·620	...	1·7	...	72	75·91	−3·91	42·05	52·71	−10·66	3·33	Purulia.
16	27	10	24	21	65	60	67	75	6·7	7·3	−0·6	60	−5	·494	−·027	3·3	−1·0	85	75·70	+9·30	45·85	53·39	−7·54	3·05	Hazaribagh.
214	9	15	50	25	8	22	17	5	3·6	...	...	74	...	·576	...	2·9	...	62	62·52	−0·52	39·45	44·53	−5·08	3·30	Daltonganj.
232	4	45	24	11	4	19	8	18	1·2	3·1	−1·9	84	0	·689	0	3·6	0	70	70·51	−0·51	56·63	64·88	−8·25	5·37	Purnea.
182	...	32	50	25	16	30	29	1	2·7	...	...	71	...	·658	...	3·3	...	64	60·81	+3·19	42·63	49·36	−6·73	2·49	Bhagalpur.
70	3	6	83	65	8	35	81	14	5·7	...	...	78	...	·714	...	3·5	...	70	...	...	37·02	...	...	2·30	Monghyr.
110	1	16	142	10	8	29	36	13	3·2	4·0	−0·8	80	+1	·685	+·004	3·3	+0·4	67	58·35	+8·65	49·92	51·07	−1·15	2·71	Darbhanga.
101	4	63	65	43	12	39	24	10	3·5	...	...	77	...	·657	...	3·3	...	50	...	...	32·88	...	...	2·35	Pusa.
146	1	12	77	67	5	17	27	13	6·2†	...	...	78	...	·663	...	1·9	...	62	55·97	+6·03	55·18	45·63	+9·55	4·05	Muzaffarpur.
177	6	35	113	4	1	5	15	9	2·2	...	...	82	...	·653	...	3·0	...	66	55·74	+10·26	61·29	51·66	+9·63	3·93	Motihari.
...	...	...	...	...	...	...	...	...	...	...	...	78	...	·650	...	3·0	...	56	52·29	+3·71	45·00	40·89	+4·11	5·20	Chapra.
70	5	8	122	15	35	47	55	8	4·8	3·7	+1·1	71	−1	·659	+·006	3·3	−0·3	61	55·35	+5·65	63·51	48·04	+15·47	5·19	Patna.
110	5	25	36	48	15	71	45	10	2·5	...	...	68	...	·618	...	3·2	...	61	55·93	+5·07	41·07	46·04	−4·97	4·90	Arrah.
30	4	32	82	29	29	86	69	4	5·4	...	...	68	...	·594	...	3·4	...	59	54·74	+4·26	43·35	41·55	+1·80	4·52	Buxar.
97	3	8	19	38	28	139	21	12	3·7	...	...	66	...	·584	...	2·7	...	53	55·34	−2·34	52·15	43·20	+8·95	10·02	Dehri.
176	7	40	13	17	21	10	77	4	3·1	3·7	−0·6	72	+1	·654	+·017	3·2	−0·5	65	57·38	+7·62	51·68	47·00	+4·68	5·71	Gaya.
322	1	5	11	15	7	...	...	4	1·1*	...	...	72	...	·639	...	2·8	...	73	70·60	−6·60	55·34	58·65	−3·31	4·78	Naya Dumka.

* Mean of 11 months.
† Uncorrected for scale error.

(a) Wind observations for 358 days.
(b) " " " 364 "

Table

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

Number of sub-division.	Station.	Elevation of bar-istern 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 absolute range.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	IV.—United Provinces of Agra and Oudh.																				
10	Gorakhpur . .	257	29·553	—·016	29·774	29·936	29·154	·782	·289	72·0	86·9	—1·1	65·6	—1·8	76·2	—1·4	22·0	108·6	41·5	67·1	34·2
	Benares . .	267	29·556	—·008	29·783	29·945	29·129	·816	·298	74·6	89·9	+0·4	66·1	—0·9	78·0	—0·2	23·9	112·6	39·6	73·0	38·1
	Allahabad . .	309	29·509	—·013	29·780	29·878	29·088	·790	·301	73·7	89·8	—0·4	66·0	—0·8	77·9	—0·6	23·9	113·1	40·5	72·6	38·1
	Cawnpore . .	416	29·385	—·019	29·769	29·761	28·956	·805	·293	72·7	89·7	—0·3	65·7	—0·7	77·7	—0·5	24·0	112·7	39·2	73·5	39·1
	Lucknow . .	368	29·448	—·007*	29·783	29·833	29·013	·820	·291	73·1	89·3	—0·5	65·4	—0·1	77·3	—0·3	23·9	113·5	39·1	74·4	37·9
	Bahraich . .	401	29·409	—·019	29·780	29·796	28·986	·810	·304	71·5	86·9*	—1·2*	65·4	—0·2	76·5*	—0·7*	20·9	111·1	40·5	70·6	33·1*
11	Jhansi . .	821	29·041	—·010*	29·802	29·378	28·571	·807	·302	76·7	90·5	—0·7	69·5	+0·4	80·0	—0·1	21·1	114·0	37·0	77·0	37·6
	Agra . . .	556	29·257	—·019	29·785	29·652	28·816	·836	·299	73·6	90·3	—0·4	67·1	—0·6	78·7	—0·5	23·2	115·0	39·0	76·0	39·0
	Mainpuri . .	516	29·289	—·012*	29·776	29·679	28·853	·826	·295	71·5	89·9	0	64·7	—0·9	77·3	—0·4	25·2	113·8	36·1	77·7	40·2
	Bareilly . . .	568	29·227	—·017	29·772	29·622	28·793	·829	·287	70·6	86·7	—0·8	64·3	—0·4	75·5	—0·6	22·4	110·8	39·5	71·3	36·6
	Meerut . . .	733	29·068	—·010	29·786	29·480	28·637	·843	·292	69·5	86·9	—0·9	62·5	—1·3	74·7	—1·1	24·4	111·6	33·8	77·8	38·4
	Roorkee . . .	899	28·910	0	29·802	29·277	28·479	·798	·247	68·3	85·0	—2·1	61·8	—0·7	75·4	—1·5	23·2	110·0	35·4	74·6	37·7
	Dehra Dun . .	2,233	27·577	—·019	29·796	27·893	27·179	·714	·274	66·1	81·5	+0·4	60·4	—0·6	70·9	—0·1	21·1	104·5	38·0	66·5	35·0
	V.—Punjab.																				
12	Delhi . . .	718	29·091	—·007	29·790	29·487	28·652	·835	·297	71·7	88·3	—0·8	67·1	—0·3	77·7	—0·6	21·2	113·7	40·2	73·5	36·0
	Sirsa† . . .	662	29·090	—·009	29·729	29·509	28·694	·815	·327	74·8	93·1	—1·4	66·3	—1·5	79·7	—1·4	26·8	117·3	35·5	81·8	46·1
	Patiala . . .	818	28·994	...	29·803	29·388	28·529	·859	·319	69·5	86·5	...	62·9	...	74·7	...	23·6	112·8	33·6	79·2	40·5
	Ambala . . .	892	28·904	—·004	29·788	29·295	28·459	·826	·299	68·8	88·1	+0·2	62·2	—0·9	75·1	—0·3	25·9	115·5	34·9	80·6	41·9
	Ludhiana . .	812	28·989	—·003	29·794	29·385	28·543	·842	·310	68·5	87·2	—1·1	63·3	—0·5	75·2	—0·8	24·0	116·5	35·0	81·5	41·0
	Lahore . . .	702	29·091	—·012	29·784	29·630	28·633	·897	·323	68·5	89·1	—1·5	62·3	+1·3?	75·7	—0·1?	26·9	117·4	29·2	88·2	44·1
	Sialkot . . .	830	28·967	—·003	29·795	29·398	28·508	·890	·321	67·8	84·9	—2·8	60·0	—2·3*	72·5	—2·5*	24·9	114·0	28·5	85·5	42·2
	Rawalpindi . .	1,674	28·131	—·010	29·827	28·530	27·662	·868	·321	64·9	82·2	—2·1	56·8	—0·7	69·5	—1·4	25·4	112·4	29·4	83·0	41·4
13	Khushab . .	612	29·191	0	29·793	29·656	28·680	·976	·349	71·5	89·4	—0·3*	63·7	0	76·6	—0·1*	25·7	118·4	28·9	89·5	44·7
	Montgomery . .	558	29·240	—·004	29·780	29·692	28·767	·925	·337	72·5	90·7	—1·6	63·4	—1·0	77·0	—1·3	27·3	118·9	29·5	89·4	46·3
	Multan . . .	420	29·385	—·009	29·781	29·839	28·880	·959	·351	72·8	91·4	—0·5	66·7	+1·4	79·0	+0·5	24·6	119·8	32·0	87·8	42·3
	VI.—North-West Frontier Province.																				
15	Peshawar . .	1,113	28·710	—·020	29·837	29·156	28·175	·981	·352	66·1	82·9	—2·7	58·9	—0·3	70·9	—1·5	24·0	114·2	28·4	85·8	41·2
	Dera Ismail Khan	590	29·214	—·027	29·781	29·661	28·693	·968	·354	68·9	88·2	—2·2	62·2	—0·3	75·2	—1·3	26·0	115·4	29·1	86·3	48·7
	VII.—Sind.																				
17	Jacobabad . .	186	29·607	—·024	29·758	30·092	29·079	1·013	·369	73·8	95·3	—0·3	66·0	+0·8	80·7	+0·2	29·2	125·1	31·3	93·8	48·0
	Hyderabad . .	96	29·727	—·015	29·778	30·177	29·258	·919	·318	74·3	92·7	—0·8	67·6	—0·8	80·1	—0·8	25·1	115·5	37·0	78·5	42·9
	Karachi . .	13	29·848	—·006	29·812	30·271	29·416	·855	·296	74·4	83·9	—0·3	70·7	—0·1	77·3	—0·2	13·2	96·0	43·0	53·0	26·3

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.
*= Mean of 11 months.
†= „ „ 10 „

B—contd.

243 stations in India, etc., in the year 1910.

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.
162	7	65	28	22	4	22	36	19	2·0	2·3	−0·3	80	+5	·688	+·046	2·2	−0·5	69	54·10	+14·90	65·24	52·01	+13·23	5·70	Gorakhpur.
159	3	7	35	33	7	66	39	16	2·6	3·7	−1·1	67	−7	·608	−·017	3·1	−0·3	48	50·90	−2·90	30·95	40·99	−10·04	3·32	Benares.
67	4	23	47	8	9	51	122	34	4·0	5·1	−1·1	62	−5	·543	−·051	3·7	+0·2	45	45·30	−0·30	34·18	40·73	−6·55	2·92	Allahabad.
97	16	14	39	22	12	51	98	16	3·4	3·7	−0·3	63	−4	·515	−·043	1·5	−1·4	47	43·00	+4·00	28·62	35·94	−7·32	2·71	Cawnpore.
193	4	5	47	21	6	29	48	12	2·8	3·0	−0·2	65	−5	·578	−·014	2·5	−0·8	50	51·00	−1·00	29·42	38·89	−9·47	2·85	Lucknow.
115	13	8	55	62	12	16	41	43	2·9	3·1	−0·2	75	0	·613	−·028	2·8	0	50	50·40	−0·40	47·96	48·91	−0·95	3·33	Bahraich.
146	17	10	31	15	12	41	70	23	4·9	3·3	+1·6	51	−4	·497	−·016	2·3	−0·1	41	43·90	−2·90	33·68	38·51	−4·83	10·30	Jhansi.
92	5	14	45	46	36	28	58	42	5·2	4·5	+0·7	58	−3	·519	−·014	2·8	0	39	35·30	+3·70	32·07	28·42	+3·65	6·68	Agra.
60	25	17	37	29	23	55	79	49	2·2	1·8	+0·4	65	−1	·534	−·020	2·4	−0·9	33	38·10	−5·10	24·67	31·76	−7·09	3·65	Mainpuri.
324	1	1	5	9	...	...	22	3	0·9	2·8	−1·9	75	+3	·620	+·017	3·5	+0·5	50	47·17	+2·83	53·67	47·86	+5·81	7·20	Bareilly.
133	16	9	17	32	25	10	65	58	3·0	2·1	+0·9	70	+4	·553	+·046	2·5	−0·5	37	37·00	0	34·22	32·07	+2·15	4·88	Meerut.
262	...	3	3	55	...	2	...	40	2·9	2·5	+0·4	73	+2	·534	+·011	3·0	−0·1	51	49·10	+1·90	55·89	43·22	+12·67	4·68	Roorkee.
361	...	1	...	...	1	1	...	1	1·5	1·5	0	69	−1	·475	−·003	3·9	−0·1	91	80·90	+10·10	109·09	89·19	+19·90	5·90	Dehra Dun.
																									V.—Punjab.
46	14	23	21	45	11	19	130	56	4·2	3·5	+0·7	63	+5	·527	+·037	2·4	−1·0	35	37·10	−2·10	30·96	28·09	+2·87	6·00	Delhi.
32	21	13	31	31	26	73	44	29	5·0	4·8	+0·2	56	−3	·505	+·018	1·5	−1·8	22	23·40	−1·40	10·40	14·43	−4·03	1·80	Sirsa.
46	41	16	48	60	20	4	48	78	5·3	...	...	69	...	·519	...	2·3	...	37	...	...	35·74	...	...	6·45	Patiala. (a).
90	39	7	58	48	6	6	22	65	4·4	2·0	+2·4	68	−6	·497	−·060	3·3	+0·6	37	36·90	+0·10	32·03	32·96	−0·93	4·20	Ambala. (b).
231	14	12	4	46	5	7	13	33	1·7	1·9	−0·2	65	−1	·487	−·029	2·2	−1·4	33	32·70	+0·30	28·75	28·67	+0·08	3·04	Ludhiana.
126	21	17	27	56	22	8	46	42	2·5	2·4	+0·1	67	+2	·513	+·010	2·2	−0·5	21	22·90	−1·90	14·10	20·10	−6·00	2·04	Lahore.
129	40	47	65	23	9	6	18	28	1·9	2·0	−0·1	74	+8	·537	+·027	2·4	−0·1	34	40·70	−6·70	35·97	31·75	+4·22	4·44	Sialkot.
262	19	23	14	8	5	6	12	16	2·3	2·1	+0·2	67	−1	·455	−·005	3·5	+0·3	52	47·30	+4·70	40·38	33·98	+6·40	2·58	Rawalpindi.
99	14	90	80	19	15	24	11	13	5·0	5·0	0	53	−2	·459	+·011	2·1	−0·1	24	18·00	+6·00	16·05	14·12	+1·93	4·01	Khushab.
53	26	33	42	47	69	58	21	16	6·1	5·9	+0·2	50	−5	·425	−·050	1·8	−0·4	16	16·10	−0·10	9·01	10·25	−1·24	1·82	Montgomery.
218	31	22	3	33	29	23	...	6	1·1	2·1	−1·0	56	−4	·488	−·027	1·5	−0·2	9	12·40	−3·40	2·49	7·30	−4·81	0·55	Multan.
																									VI.—North-West Frontier Province.
198	34	5	11	11	30	17	38	21	1·6	3·3	−1·7	63	0	·455	0	3·1	+0·1	35	23·80	+11·20	21·73	13·09	+8·64	2·10	Peshawar.
185	35	75	3	16	3	6	6	36	1·6	1·8	−0·2	66	+2	·526	+·010	2·1	+0·1	16	17·60	−1·60	9·79	8·53	+1·26	3·14	Dera Ismail Khan.
																									VII.—Sind.
199	31	22	18	41	19	5	4	26	3·3	3·4	−0·1	60	+5	·564	+·056	1·2	−0·8	9	8·20	+0·80	3·84	3·78	+0·06	1·07	Jacobabad.
56	58	5	2	5	52	135	7	44	7·6	11·1	−3·5	62	+4	·561	+·032	2·8	+0·1	7	9·70	−2·70	10·19	6·90	+3·29	3·13	Hyderabad. (c).
21	35	57	23	3	5	41	140	40	11·2	12·6	−1·4	74	−2	·667	−·011	3·5	−0·1	10	9·30	+0·70	12·63	8·26	+4·37	6·08	Karachi.

(a) Wind observations for 361 days.
(b) Do. „ 341 „
(c) Do. „ 364 „

Table

(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 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
	VIII—Rajputana.																				
18	Bikaner . .	*771*	29·031	—·014	29·783	29·443	28·617	·826	·315	72·9	92·1	+0·1	67·2	—2·5	79·6	—1·2	24·9	118·0	35·0	83·0	42·3
	Jodhpur . .	730	29·051	—·012	29·820	29·407	28·598	·809	·291	72·7	91·5	—1·7	65·7	—2·6	78·6	—2·1	25·8	110·5	35·8	74·7	42·5
19	Jaipur . .	1,431	28·407	—·009	29·819	28·742	28·010	·732	·284	73·0	90·5	—0·4	64·7	—1·0	77·6	—0·7	25·9	114·2	36·1	78·1	42·1
	Sambhar . .	1,254	28·583	+·006	29·824	28·931	28·170	·761	·287	71·1	90·6	+0·5	63·2	—2·0	76·9	—0·7	27·4	113·4	32·9	80·5	44·1
	Ajmer . . .	1,611	28·237	—·009	29·3 40	28·573	27·809	·764	·231	68·5	86·6	—2·3	65·5	+1·2?	76·1	—0·6?	21·1	106·9	39·7	67·2	39·2
	Kotah . . .	819?	28·996	—·018	29·808?	29·344	28·516	·828	·307	75·9	90·9	—1·8	63·5	—1·9	79·7	—1·9	22·4	115·6	44·6	71·0	37·5
	Udaipur . .	1,925	27·940	—·012	29·832	28·237	27·462	·775	·282	72·6	87·6	—0·9	63·4	—1·4	75·5	—1·2	24·3	106·5	35·3	71·2	39·3
	IX—Bombay.																				
20	Deesa . .	466	29·390	—·012	29·820	29·699	28·834	·865	·264	73·4	93·9	0	65·2	—1·8	79·5	—0·9	28·7	111·3	35·4	75·9	44·5
	Bhuj . . .	395	29·468	0	29·821	29·807	28·999	·808	·257	74·9	91·2	—0·2	67·8	—1·9	79·5	—0·6	23·4	108·5	44·0	64·5	37·5
	Jamnagar . .	61	29·816	...	29·822	30·138	29·355	·783	·243	77·1	89·1	...	66·9	...	78·0	...	22·3	102·7	45·3	57·4	34·5
	Dwarka . .	37?	29·848	...	29·832	30·176	29·400	·776	·246	77·0	83·7	..	72·3	...	78·0	...	11·5	94·8	52·7	42·1	23·3
	Rajkot . .	429	29·441	—·007	29·828	29·739	28·984	·755	·241	74·6	91·6	—1·4	65·1	—1·0	78·3	—1·2	26·5	105·1	41·0	65·1	40·3
	Veraval . .	*18*	29·863	—·007	29·823	30·152	29·417	·735	·236	75·9	84·5	—0·7	70·3	—0·6	77·4	—0·7	14·1	101·1	50·8	50·3	27·4
	Bhavnagar Para .	55	29·833	—·026	29·832	30·146	29·399	·747	·241	75·3	93·2	+0·4	68·0	—1·7	80·6	—0·7	25·2	109·7	42·5	67·2	38·7
	Surat . . .	39	29·838	—·017	29·822	30·127	29·447	·680	·232	75·1	90·4	—1·2	69·4	0	79·9	—0·6	21·0	108·6	49·1	59·5	33·4
	Ahmadabad . .	163	29·701	—·017	29·816	30·005	29·192	·813	·253	75·2	93·8	—0·2	69·3	—1·5	81·6	—0·9	24·5	111·6	45·7	65·9	37·3
26	Bombay . .	37	29·853	—·021	29·830	30·117	29·447	·670	·219	77·3	86·3	+0·5	74·6	—0·2	80·5	+0·2	11·7	95·0	60·5	34·5	19·1
	Ratnagiri . .	110	29·777	—·016	29·827	30·016	29·429	·587	·188	78·2	86·9	—0·6	72·1	—0·9	79·5	—0·8	14·7	99·3	58·9	40·4	25·3
	Goa . . .	199	...	...	...	...	...	...	...	77·0	84·1	—1·9	73·9	—0·5	79·0	—1·2	10·1	92·1	64·1	28·0	17·9
	Marmagao . .	60	29·838	—·023	29·833	30·062	29·532	·530	·176	77·6	85·1	—1·1	73·7	—1·3	79·4	—1·2	11·4	93·0	63·7	29·3	19·4
	Karwar . .	44	29·867	—·011	29·846	30·080	29·598	·482	·163	74·9	85·4	—0·9	71·6	—1·1	78·4	—1·0	13·8	93·8	57·0	36·8	23·4
27	Malegaon . .	1,430	28·441	—·011*	29·839	28·728	28·072	·656	·243	73·5	91·5	0	63·8	—1·4	77·7	—0·7	27·7	107·9	40·1	67·8	41·9
	Ahmadnagar . .	2,154	27·760	(a) +·009	29·863	29·010	27·411	·599	·214	73·2	88·8	0	63·4	—0·1	76·1	—0·1	25·4	105·4	43·0	62·4	38·2
	Poona . . .	1,846	28·057	—·006	29·870	28·304	27·696	·608	·216	71·2	88·4	—1·1	63·6	—1·2	76·0	—1·1	24·8	106·0	44·8	61·2	35·9
	Sholapur . .	1,590	28·285	—·024	29·830	28·572	27·954	·618	·214	75·1	91·8	—1·2	67·6	— 0·	79·7	—0·7	24·2	109·3	47·4	61·9	35·4
	Bijapur . .	*1,948*	28·940	—·015	29·836	28·195	27·620	·575	·197	74·1	90·6	+0·7	67·1	—0·4	78·8	+0·1	23·5	106·2	47·2	59·0	34·2
	Belgaum . .	2,539	27·357	—·016	29·831	27·573	27·069	·504	·173	71·1	84·5	+0·1	63·1	—0·9	73·8	—0·4	21·5	101·3	48·5	52·8	31·2
	X.—Central India.																				
21	Neemuch . .	1,624	28·225	—·011	29·832	28·532	27·747	·785	·282	70·1	88·0	—0·9	63·0	—1·5	75·5	—1·2	25·1	106·0	37·8	68·2	40·7
	Indore . . .	1,823	28·038	(d) +·001	29·830	28·323	27·597	·726	·255	72·5	87·4	—0·5	63·3	—0·4	75·3	—0·5	24·1	106·1	41·6	64·5	37·3
22	Nowgong . .	754	29·067	—·018	29·796	29·418	28·609	·809	·302	71·1	88·7	—1·0	64·9	—0·7	76·8	—0·8	23·8	114·0	36·0	78·0	40·0
	Sutna . . .	1,041	28·771	—·017	29·790	29·109	28·289	·820	·292	72·9	88·1	0	65·4	—0·2	76·8	—0·1	22·7	110·3	38·3	72·0	37·5
	XI.—Central Provinces.																				
23	Buldana . .	2,132	27·754	...	29·842	28·022	27·390	·632	·234	74·7	86·7	...	67·7	...	77·2	...	19·0	105·0	49·3	55·7	30·3
	Akola . . .	930	28·035	—·007	29·831	29·253	28·548	·705	·251	74·5	92·8	—0·2	66·1	—1·1	79·4	—0·6	26·7	112·2	42·1	70·1	39·9
	Amraoti . .	1,215	28·635	—·012	29·801?	28·949	28·200	·749	·259	75·4	91·2	—0·8	68·1	—0·7	79·7	—0·7	23·1	110·8	49·3	61·5	33·8

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.

* Mean of 11 months.

(a) „ „ 10 „

(d) „ „ 9 „

B.—*contd.*

243 stations in India, etc., in the year 1910.

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.	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.
42	26	33	22	32	45	86	55	24	6·6	5·9	+0·7	47	− 6	·434	−·065	2·4	−0·2	19	18·80	+0·20	13·17	11·29	+1·88	3·00	Bikaner.
81	29	72	8	4	20	114	26	11	4·3	...	...	49	+ 1	·446	...	2·9	...	18	20·30	−2·30	10·54	13·14	−2·60	1·42	Jodhpur.
103	30	53	38	9	1	12	60	59	4·7	4·4	+0·3	54	− 4	·479	−·015	3·0	−0·2	30	37·80	−7·80	17·18	26·05	−8·87	2·30	Jaipur.
172	27	13	18	6	6	8	82	32	5·7	6·4	−0·7	60	+ 3	·495	+·015	2·6	−0·3	27	31·30	−4·30	11·36	20·74	−9·38	2·14	Sambhar (*e*).
188	8	11	4	7	4	35	79	29	6·3	5·0	+1·3	65	+ 2	·496	−·006	2·8	+0·1	31	32·60	−1·60	17·19	21·80	−4·61	2·50	Ajmer.
179	23	4	15	7	2	40	66	29	2·9	...	...	57	+ 8	·530	...	2·6	...	42	37·60	+4·40	30·84	26·83	+4·01	3·50	Kotah.
200	14	2	7	2	11	21	79	25	3·3	...	...	58	+ 2	·484	...	3·0	...	34	34·10	−0·10	25·17	21·36	+3·81	1·97	Udaipur (*d*).
																									IX—Bombay.
44	117	3	1	3	2	...	...	16	(*b*) 8·6	10·2	−1·6	56	0	·513	−·011	3·1	−0·3	34	28·81	+5·19	23·27	24·12	−0·85	2·73	Deesa (*c*).
56	21	10	8	12	5	64	100	89	10·0	11·1	−1·1	61	− 3	·558	−·053	3·8	+0·9	15	16·10	−1·10	20·45	14·52	+5·93	5·11	Bhuj.
43	5	49	29	3	14	106	69	47	12·9	...	...	69	...	·667	...	1·8	...	31	...	...	29·35	...	...	6·02	Jamnagar.
11	52	48	7	2	17	78	80	70	12·1	...	...	75	− 2	·723	...	3·2	...	19	...	...	13·89	...	...	3·59	Dwarka.
38	27	25	36	18	12	75	93	41	9·6	9·1	+0·5	65	− 2	·592	−·032	2·7	−0·3	34	30·90	+3·10	33·31	28·13	+5·18	5·88	Rajkot.
62	56	59	6	4	6	30	95	47	10·7	8·4	+2·3	73	+ 3	·683	+·017	3·6	−0·3	26	29·20	−3·20	17·30	18·24	−0·94	2·27	Veraval.
10	36	9	4	7	5	93	73	128	6·7	10·1	−3·4	60	− 9	·572	− ·087?	3·3	0	37	34·70	+2·30	26·44	19·76	+6·68	5·38	Bhavnagar Para.
64	69	24	40	11	38	41	48	20	5·0	7·6	−2·6	68	− 3	·631	−·049?	3·5	+0·1	46	47·40	−1·40	36·48	44·03	−7·55	3·15	Surat (*c*).
11	29	82	26	29	42	53	29	63	5·0	5·0	0	59	− 1	·550	−·032	3·3	−0·3	37	37·20	−0·20	25·46	33·24	−7·78	3·35	Ahmadabad (*c*).
3	37	83	74	29	23	32	56	28	9·7*	11·8	−2·1	78	0	·750	−·021	4·0	−0·2	74	75·60	−1·60	67·86	75·21	−7·35	11·97	Bombay.
57	41	35	99	31	11	31	33	27	9·8	8·5	+1·3	71	− 1	·693	−·034	3·7	−0·2	95	93·80	+1·20	86·56	107·35	−20·79	5·55	Ratnagiri.
19	32	61	121	4	25	39	32	31	(*a*) 6·9	6·5	(*a*) +1·0	80	+ 2	·744	−·034	5·9	+1·7	110	...	...	90·35	98·43	− 8·08	7·00	Goa. (*c*).
42	27	39	96	21	25	14	63	38	8·2	9·2	−1·0	84	+ 1	·802	−·013	5·3	+1·5	98	...	...	85·74	93·43	− 7·69	5·90	Marmagao.
126	53	94	1	11	25	39	3	13	4·2*	4·2	0	83	0	·730	−·014	4·0	+0·2	102	105·50	−3·50	113·58	123·78	−10·20	8·27	Karwar.
85	14	22	12	14	5	42	107	64	7·3	8·9	−1·6	55	− 8	·474	−·091	2·1	−1·4	42	34·90	+7·10	28·95	24·08	+ 4·87	1·74	Malegaon.
45	40	10	6	13	24	37	42	147	9·0	11·4	−2·4	53	−14	·429	−·135?	1·4	−1·9	54	39·60	+14·40	37·80	22·42	+15·38	5·40	Ahmadnagar (*c*).
29	15	25	31	1	3	68	162	31	7·5*	10·5	−3·0	64	+ 1	·494	−·013	3·7	−0·2	55	49·60	+5·40	34·10	27·89	+ 6·21	2·24	Poona.
61	22	42	21	33	5	52	31	98	7·1	9·8	−2·7	54	− 1	·469	−·034	3·9	−0·1	40	42·00	−2·00	29·32	30·98	− 1·66	3·39	Sholapur.
12	42	35	18	28	24	92	57	57	8·3	6·4	+1·9	59	−11	·495	−·109?	2·6	−1·3	39	42·40	−3·40	23·85	24·58	− 0·73	1·90	Bijapur.
42	18	20	48	27	15	68	84	41	15·2*	15·1	+0·1	69	− 1	·524	−·013	4·2	−0·1	65	83·30	−18·30	41·74	50·13	− 8·39	2·18	Belgaum (*f*).
																									X.—Central India.
35	70	51	19	8	7	46	116	13	6·3	8·7	−2·4	60	+2	·484	−·018	2·9	+0·3	41	37·40	+3·60	30·17	30·08	+0·09	2·35	Neemuch.
104	15	35	19	22	4	16	89	60	4·6	4·1	+0·5	61	−2	·502	−·021	3·6	+0·2	49	45·30	+3·70	35·74	33·64	+2·10	3·65	Indore (*c*).
75	13	14	28	7	48	51	117	12	2·7	2·6	+0·1	66	0	·536	−·009	3·2	0	46	50·70	−4·70	44·15	44·96	−0·81	4·23	Nowgong.
99	11	5	28	15	8	39	98	73	3·3	6·0	−2·7	59	−2	·494	−·018	4·7	+1·8	53	54·60	−1·60	37·96	45·88	−7·92	4·88	Sutna.
																									X.—Central Provinces.
4	25	19	36	41	35	37	96	72	6·5	7·8	−1·3	51	...	·426	...	3·5	...	60	...	...	38·14	36·20	+1·94	2·20	Buldana.
66	8	25	32	23	11	18	105	77	5·7	6·0	−0·3	54	−4	·483	−·030	3·9	+0·5	53	45·10	+7·90	35·73	34·16	+1·57	3·16	Akola.
49	11	66	69	9	3	25	84	49	7·5	5·7	+1·8	55	−4	·487	−·050	3·8	+0·3	51	46·80	+4·20	40·63	34·63	+6·00	3·19	Amraoti.

* Uncorrected for scale error.
(*a*) mean of 10 months.
(*b*) " " 7 "

(*c*) Wind observations for 364 days.
(*d*) " " 361 "
(*e*) " " 186 "
(*f*) " " 363 "

TABLE

(2) *Abstract of observations taken at 8 hrs. at 243*

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 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
	XI—Central Provinces.																				
24	Khandwa	1,044	28·814	—·009	29·833	29·114	28·389	·725	·260	72·0	91·5	—0·2	66·3	—0·6	78·9	—0·4	25·2	110·2	41·1	69·1	39·1
	Hoshangabad	1,006	28·849	—·01	29·831	29·166	28·338	·828	·283	72·1	89·9	—0·5	65·5	—1·5	77·7	—1·0	24·4	110·6	42·9	67·7	38·2
	Saugor	1,807	28·025	—·017	29·796	28·313	27·542	·771	·282	73·7	87·6	—0·5	66·4	+0·3	77·0	—0·1	21·2	109·1	41·6	64·5	34·5
	Jubbulpore	1,327	28·504	—·012	29·811	28·828	27·983	·845	·29	70·7	88·1	—0·4	64·1	—0·3	76·2	—0·3	24·0	110·8	38·8	72·0	38·9
	Seoni	2,033	27·825	—·004	29·822	28·124	27·316	·808	·285	72·3	86·5	—1·3	61·6	—3·3?	74·0	—2·3?	24·9	109·1	42·0	67·1	38·4
	Nagpur	1,017	28·827	—·008	29·610	29·154	28·344	·810	·286	75·0	91·4	—0·7	67·7	—1·1	79·6	—0·9	23·6	113·1	46·8	66·3	37·5
25	Pendra	2,123?	27·792	...	29·785	28·112	27·255	·857	·296	73·1	85·8	...	65·4	...	75·6	...	20·4	107·3	41·2	66·1	35·3
	Raipur	970	28·865	—·011	29·799	29·198	28·361	·837	·305	74·1	89·7	—0·8	69·1	—0·1	79·4	—0·4	20·6	112·7	48·6	64·1	33·9
	Chanda	*634*	29·215	—·013	29·864	29·510	28·863	·677	·270	75·3	92·0	—0·9	67·4	—1·2	79·7	—1·0	24·5	114·0	45·0	69·0	38·2
	Jagdalpur	1,813	28·050	...	29·824	28·370	27·654	·716	·258	72·9	86·6	...	66·6	...	76·6	...	20·1	106·2	43·6	62·6	31·9
	XII.—Hyderabad.																				
28	Aurangabad	1,905	27·991	—·028	29·849	28·256	27·639	·617	·227	74·5	89·5	—1·5	65·3	—0·4	77·4	—0·9	24·2	106·2	42·7	63·5	36·2
	Nizamabad	1,248	28·611	...	29·817	28·928	28·279	·649	·231	75·7	92·9	+0·5	67·7	—0·8	79·8	—0·1	24·3	111·9	46·7	65·2	37·2
	Bidar	*2,165*	27·636	...	X 29·743?	27·890	27·360	·530	X ·225	75·8	88·7	...	67·1	..	77·9	...	21·6	107·3	52·5	54·8	33·6
29	Gulbarga	1,503	28·375	—·021	29·830	28·668	28·055	·613	·207	75·9	92·3	—0·1	68·7	—0·1	80·5	—0·1	23·7	110·5	51·3	59·2	36·9
	Raichur	*1,311*	28·567	—·007	X 29·831	28·855	28·275	·580	·204	76·7	92·3	+0·2	71·3	—0·4	81·8	—0·1	21·0	109·6	53·6	56·0	33·0
	Hyderabad (Deccan)	1,690	28·181	—·016	29·825	28·486	27·873	·613	·213	74·2	90·6	—0·1	69·1	+0·7	79·8	+0·3	21·5	109·8	49·2	60·6	32·9
	Hanamkonda	877	28·985	—·019	29·813	29·308	28·652	·656	·234	77·6	91·2	—0·7	71·7	—0·2	81·4	—0·5	19·5	114·0	53·2	60·8	30·6
	XIII—Mysore.																				
30	Chitaldrug	2,405	27·506	—·018	29·843	27·727	27·245	·482	·163	72·6	86·1	—0·4	66·6	—0·6	76·3	—0·5	19·6	102·1	53·4	48·7	28·7
	Hassan	3,149	26·813	—·008	29·891	27·001	26·583	·418	·151	69·3	82·6	—0·1	62·3	+0·1	72·5	0	20·3	96·6	48·6	48·0	29·3
	Bangalore	3,021	26·929	—·018	29·861	27·125	26·703	·422	·154	69·7	84·7	+0·5	63·9	—0·1	74·3	+0·2	20·8	98·3	51·3	47·0	29·4
	Mysore	2,518	27·421	—·017	29·872	27·607	27·203	·404	·151	71·4	85·3	—1·1	65·1	—0·5	75·2	—0·8	20·1	99·5	52·0	47·5	23·8
	XIV.—Madras.																				
31	Mangalore	65	29·844	—·027	29·841	30·025	29·633	·392	·155	78·4	87·0	—1·1	72·0	—1·1	79·5	—1·1	15·0	97·3	62·8	34·5	22·9
	Calicut	27	29·885	—·025	29·842	30·044	29·715	·329	·141	77·5	85·2	—1·7	74·1	0	79·7	—0·9	11·1	92·8	64·6	28·2	17·7
	Cochin	9	29·917	—·014	29·854	30·056	29·742	·314	·137	78·6	87·4	—0·1	74·5	—0·3	81·0	—0·2	12·9	95·2	67·2	28·0	20·0
	Trivandrum	198	29·718	—·009	29·849	29·860	29·605	·255	·137	77·5	83·9	—0·1	74·5	+0·7	79·2	+0·3	9·4	89·5	67·0	22·5	15·2
32	Tinnevelly	168	29·743	—·010	29·841	29·950	29·555	·395	·158	82·0	94·6	+0·4	75·7	—0·9	85·1	—0·3	18·8	106·2	65·9	40·3	28·3
	Pamban	37	29·853	—·026	29·817	30·063	29·670	·393	·157	80·9	83·1	+0·8	76·4	—1·2	82·3	—0·2	11·7	93·7	71·5	22·2	16·5
	Madura	447	29·461	—·002	29·844	29·670	29·238	·432	·161	80·1	93·1	—0·9	72·4	—1·4	82·8	—1·1	20·7	103·9	63·1	40·8	29·1
	Puddukkotai	318	29·579	...	29·831	29·804	29·356	·448	·164	79·4	92·9	...	73·8	...	83·4	...	19·2	105·6	63·7	41·9	29·4
	Negapatam	31	29·855	—·026	29·814	30·081	29·649	·432	·160	81·1	90·5	+0·7	76·1	+0·2	83·3	+0·4	14·4	106·0	67·0	39·0	25·0
	Trichinopoly	255	29·648	—·016	29·837	29·887	29·419	·468	·163	80·3	94·0	—0·4	73·8	—0·3	83·9	—0·3	20·2	106·6	62·3	44·3	30·4
	Coimbatore	1,341	28·561	—·021	29·853	28·769	28·351	·418	·157	74·9	89·4	—0·8	68·8	—0·9	79·1	—0·9	20·7	101·5	55·3	46·2	29·9
	Salem	940	28,987	—·019	29·873	29·220	28·774	·446	·163	76·7	92·2	—0·7	71·4	+0·7	81·8	0	20·8	106·0	58·4	47·6	30·6
	Cuddalore	37	29·852	—·019	29·819	30·096	29·614	·482	·179	79·8	90·1	—0·4	74·3	+0·1	82·2	—0·1	15·8	107·8	63·2	44·6	26·7
	Vellore	707	29·176	...	29·831	29·435	28·923	·512	·189	76·6	91·7	...	71·4	...	81·6	...	20·3	109·7	56·0	53·7	31·9
32	Madras	22	29·863	—·025	29·816	30·128	29·613	·515	·202	80·3	90·7	—0·2	74·6	—0·2	82·7	—0·2	16·2	113·0	62·0	51·0	27·9

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 10 months.
X Mean of 11 months.

B.—*contd.*

stations in India, etc. in the year 1910.

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
																									XI—Central Provinces.
63	12	28	18	16	12	21	141	53	7·2	6·1	+1·1	59	0	·487	—·014	3·3	+0·3	39	42·30	—3·30	31·27	31·35	—0·08	2·90	Khandwa (a).
162	...	29	43	7	...	34	78	7	3·3	3·2	+0·1	63	—3	·515	—·036	3·7	+0·2	62	56·00	+6·00	54·75	52·08	+2·67	8·67	Hoshangabad.
46	9	32	30	45	22	59	102	20	5·8	4·4	+1·4	51	—8	·439	—·056	3·8	+0·8	56	58·10	—2·10	37·58	48·57	—10·99	2·76	Saugor.
84	11	14	11	52	70	38	54	31	2·4	3·1	—0·7	65	—2	·498	—·037	3·5	+0·1	60	63·90	—3·90	49·09	59·11	—10·02	3·30	Jubbulpore.
78	30	58	26	13	9	38	56	48	4·5	3·8	+0·7	58	—6	·459	—·071	3·2	—0·3	65	71·40	—6·40	58·12	55·27	+2·85	2·76	Seoni.
52	86	56	12	9	19	27	67	37	3·9	5·6	—1·7	58	—3	·511	—·042	3·4	—0·5	71	58·60	+12·40	59·41	49·49	+9·92	5·11	Nagpur.
84	77	19	6	19	47	27	13	73	5·0	...	...	57	...	·462	...	3·1	...	76	...	...	40·69	...	...	2·72	Pendra.
82	22	26	27	13	27	120	28	20	4·7	5·9	—1·2	62	—1	·524	—·041	3·8	—0·3	65	62·50	+2·50	67·97	50·65	+17·32	14·58	Raipur.
138	15	6	9	33	9	51	57	47	4·4	3·6	+0·8	63	—2	·559	—·030	3·5	—0·1	62	61·70	+0·30	50·66	55·75	—5·09	4·00	Chanda.
69	27	35	14	38	29	80	27	46	...	...	...	74	...	·608	...	3·7	...	83	...	...	70·35	...	...	3·30	Jagdalpur.
																									XII.—Hyderabad.
48	28	42	57	27	5	28	71	59	11·2	...	...	54	—1	·460	...	4·0	...	47	47·40	—0·40	33·66	27·82	+5·84	4·69	Aurangabad.
155	17	11	5	6	19	80	50	22	5·2	...	...	62	—5	·541	...	2·9	...	56	58·30	—2·30	45·33	41·07	+4·26	3·79	Nizamabad.
50	18	53	17	45	6	77	24	64	6·0	...	...	58	...	·511	...	3·9	...	55	59·10	—4·10	46·09	39·71	+6·38	5·06	Bidar (b).
17	20	104	55	9	16	44	46	54	8·6	10·2	—1·6	57	—7	·506	—·065	2·5	—1·3	49	48·70	+0·30	33·41	31·76	+1·65	3·95	Gulbarga.
18	12	42	36	41	13	81	57	65	8·2	9·6	—1·4	59	—6	·549	—·056	4·2	+0·5	40	44·20	—4·20	21·34	30·74	—9·40	1·76	Raichur.
264	...	...	...	1	...	...	89	11	3·7	5·5	—1·8	64	—6	·541	—·081	4·1	+0·5	45	...	...	27·63	31·56	—3·93	4·39	Hyderabad (Deccan)
73	33	4	2	78	43	30	45	57	6·2	...	...	65	—2	·618	...	4·4	...	66	51·40	+14·60	40·22	32·86	+7·36	3·41	Hanamkonda.
																									XIII—Mysore.
30	1	3	56	37	8	81	112	37	6·7	8·1	—1·4	72	+2	·579	+·003	5·5	+0·4	64	48·50	+15·50	35·17	26·33	+8·84	4·52	Chitaldrug.
46	10	31	52	21	...	53	100	52	7·2	3·6	+3·6	79	+3	·569	—·005	4·5	—1·1	80	68·20	+11·80	37·86	35·09	+2·77	2·13	Hassan.
6	7	34	71	18	12	81	120	16	7·8	6·3	+1·5	78	0	·567	—·013	5·1	+0·1	68	58·60	+9·40	46·08	35·06	+11·02	3·96	Bangalore.
26	5	49	34	12	13	111	97	18	8·9	10·0	—1·1	79	+3	·611	+·010	5·8	+0·5	70	55·90	+14·10	42·62	30·91	+11·71	3·75	Mysore.
																									XIV—Madras.
67	31	45	140	13	8	13	27	21	4·9	2·9	+2·0	78	—3	·768	—·021	5·2	+0·1	126	117·90	+8·10	118·73	123·94	—5·21	5·60	Mangalore.
72	17	33	73	54	9	19	42	46	5·7	8·6	—2·9	85	+2	·808	+·006	5·0	+0·2	111	116·10	—5·10	107·55	115·11	—7·56	4·00	Calicut.
40	19	158	74	16	4	5	19	30	6·6	5·5	+1·1	77	—4	·757	—·055	5·0	+0·3	131	130·60	+0·40	122·35	115·63	+6·72	8·42	Cochin.
95	84	40	9	3	...	1	8	125	5·4	6·1	—0·7	81	—1	·775	—·019	6·0	+0·5	105	92·90	+12·10	74·55	62·78	+11·77	5·97	Trivandrum.
55	72	23	6	4	3	24	83	95	5·9	6·0	—0·1	65	—4	·700	—·042	4·5	—0·2	31	41·40	—10·40	21·64	28·63	—6·99	3·33	Tinnevelly.
62	44	44	15	30	59	63	23	24	10·9	10·3	+0·6	80	0	·841	...	4·1	...	34	42·70	—8·70	29·30	38·97	—9·67	2·90	Pamban (a).
3	65	72	29	3	2	5	82	104	6·6	4·2	+2·4	72	+2	·735	—·001	5·9	+1·7	55	50·20	+4·80	39·95	33·30	+6·65	4·42	Madura.
61	66	50	6	9	11	31	49	82	8·8	...	...	74	...	·748	...	5·1	...	55	...	...	39·86	...	...	2·01	Pudukkotai.
8	12	40	1	17	6	70	129	82	9·7	6·8	+2·9	73	—3	·775	—·033	5·0	—0·4	39	58·20	—19·20	47·49	55·56	—8·07	3·57	Negapatam.
70	40	30	8	12	11	55	113	26	4·9	5·8	—0·9	67	—5	·693	—·038	4·2	—0·7	50	44·60	+5·40	39·68	32·54	+7·14	3·35	Trichinopoly.
185	3	62	7	1	2	100	2	1	5·0	4·2	+0·8	85	+2	·744	+·011	4·8	+0·1	42	43·80	—1·80	22·62	20·90	+1·72	3·43	Coimbatore.
90	12	28	37	7	35	69	77	10	4·5	4·2	+0·3	80	+4	·749	+·020	4·0	—0·4	57	59·50	—2·50	43·77	40·50	+3·27	3·20	Salem.
61	46	3	1	8	59	85	49	53	7·4	2·5	+4·9	77	—6	·790	—·008	5·1	—0·1	57	56·30	+0·70	44·12	52·58	—8·46	3·90	Cuddalore.
218	3	10	17	61	24	4	7	19	2·9	...	...	75	...	·702	...	4·3	...	59	54·90	+4·10	61·73	38·47	+23·26	4·93	Vellore (c).
9	43	11	2	23	84	51	88	54	6·6	6·8	—0·2	77	+1	·800	—·005	4·7	—0·4	47	83·70	—36·70	44·47	50·39	—5·92	7·02	Madras.

(a) Wind observations for 364 days.
(b) " " " 359 "
(c) " " " 363 "

TABLE

(2) Abstract of observations taken at 8 hrs. at 243

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	29·452	—·018	29·825	29·741	29·172	·569	·199	79·9	95·3	—0·2	73·6	—0·8	84·5	—0·5	21·7	112·2	57·6	54·6	33·3
	Bellary	1,475	28·408	—·019	29·835	28·687	28·125	·542	·196	75·3	92·9	—0·1	70·4	—0·1	81·7	—0·1	22·5	110·0	53·3	56·7	32·7
	Kurnool	923	28·916	—·027	29·822	29·244	28·655	·589	·209	75·5	93·4	—0·4	70·6	+0·1	82·0	—0·2	22·8	110·2	50·6	59·6	32·1
34	Nellore	66	29·803	—·020	29·803	30·107	29·526	·581	·231	79·8	92·9	—1·4	74·8	—0·3	83·9	—0·8	18·1	113·1	62·1	51·0	30·5
	Masulipatam	15	29·858	—·014	29·[illegible]08	30·185	29·542	·643	·230	79·5	90·1	—0·4	73·8	—0·6	82·0	—0·5	16·3	115·8	59·2	56·6	27·4
	Cocanada	26	29·841	—·015	29·804	30·172	29·509	·663	·242	78·4	88·9	—0·5	74·7	—0·1	81·8	—0·3	14·2	114·2	59·5	54·7	28·1
	Waltair (Vizagapatam)	*226*	29·630	—·015	29·799	29·966	29·249	·717	·266	78·6	85·3	...	74·8	...	80·0	...	10·5	97·6	60·9	36·7	19·9
	Calingapatam	19	29·835	...	29·794	30·184	29·406	·778	·278	y 79·5	y 88·5	...	y 75·4	...	y 81·9	...	y 13·0	97·9	55·5	42·4	y 23·1
	Gopalpur	72	29·765	—·014	29·779	30·113	29·251	·862	·306	76·5	86·0	0	72·7	—0·6	79·3	—0·3	13·3	94·7	54·5	40·2	24·0
	Bay Islands.																				
1	P. V. Fraser	8	29·859	...	29·785	30·220	29·180	1·040	·305	79·9	...	...	...	...	...	...	...	...	...	...	...
	Car Nicobar (s)	25	...	...	...	...	...	...	...	79·0	85·6	...	76·0	...	80·8	...	9·6	87·9	72·3	15·6	14·1
	Port Blair	58	29·833	—·021	29·821	30·005	29·649	·356	·167	79·6	85·9	—1·5	76·3	—0·8	81·1	—1·1	9·6	91·7	69·0	22·7	17·0
	Slipper Island	90	29·788	...	29·812	29·999	29·487	·512	·198	80·9	85·0	...	77·0	...	81·0	...	8·0	91·6	66·1	25·5	17·0
	Kashmir.																				
14	Muzaffarabad	2,475	27·436	...	29·930	27·797	26·974	·823	·308	65·3	75·5	...	62·3	...	68·9	...	13·2	94·1	30·3	63·8	25·9
	Srinagar	5,204	24·862	—·025	24·833	25·273	24·461	·812	·344	49·3	66·2	+0·3	44·6	+0·6	55·4	+0·5	21·6	92·1	17·1	75·0	37·8
	Gulmarg (x)	*8,569*	21·793	—·019	21·761	21·963	21·606	·357	·241	59·1	67·7	+1·2	47·9	+1·3	57·8	+1·2	19·7	78·7	35·8	42·9	33·9
	Sonemarg	*8,764*	21·814	...	21·782	22·063	21·519	·514	·301	35·7	54·3	...	30·4	...	42·3	...	23·8	81·4	—8·1	89·5	43·8
	Dras	*10,059*	20·760	—·040	29·728	21·084	20·408	·676	·348	29·2	48·9	—2·3	17·8	—3·7	33·4	—3·0	31·1	85·9	—49·0	134·9	58·7
	Leh	11,503	19·680	—·022	19·618	19·920	19·280	·640	·332	37·0	55·3	—0·1	29·9	+0·1	42·6	0	25·5	83·1	0·5	82·6	42·7
	Skardu	*7,505*	22·853	—·026	22·823	23·321	22·469	·852	·403	45·8	62·5	+0·3	39·7	—0·7	51·1	—0·3	22·8	99·4	—7·9	107·3	43·7
	Minimarg (x)	*9,359*	...	...	...	...	...	...	...	19·0	35·9	...	11·5	...	23·7	...	24·4	61·3	0	61·3	52·3
	Astor (x)	*7,955*	22,472	...	22·442	22·810	22·134	·676	·524	21·4	40·0	...	...	...	...	...	...	...	...	...	...
	Gilgit	4,890	25·080	...	25·05[illegible]	25·637	24·625	1·012	·439	58·3	72·9	+0·1	51·4	—1·9	62·1	—0·9	21·5	108·2	25·2	83·0	39·0
	Baluchistan.																				
16	Quetta	5,502	24·615	—·005	24·575	24·882	24·308	·574	·250	56·0	73·6	+0·1	m 42·7	m —2·4	m 58·0	m —1·3	m 30·6	98·1	3·0	95·1	52·5
	Chaman	4,311	25·660	—·012	25·622	25·976	25·314	·662	·287	64·6	77·1	—1·8	53·1	—3·0	65·1	—2·4	24·0	104·8	0·2	104·6	47·3
	Robat	...	26·859	...	26·817	27·290	26·516	·774	·352	68·6	85·7	...	59·5	...	72·6	...	26·2	113·0	23·8	89·2	49·7
	Hill Stations excluding Kashmir and Baluchistan.																				
	Chitral	*5,486*	...	...	...	...	...	...	...	51·5	70·3	...	(z) 40·9	...	(z) 52·7	...	(k) 23·7	103·7	10·0	93·7	(z) 43·7
	Para Chinar	6,000	24·418	...	24·385	24·689	24·179	·501	·264	57·6	69·0	...	40·9	...	58·0	...	22·2	96·3	16·2	80·1	41·0
	Cherat	*4,256*	25·673	+·004	25·641	25·966	25·307	·659	·284	60·6	70·7	—3·1	55·1	—1·7	62·9	—2·3	15·6	101·7	28·5	73·2	34·1
	Murree	6,333	23·807	—·022	23·775	24·028	23·543	·485	·268	54·1	63·3	—2·5	50·5	—0·3	56·9	—1·3	12·8	91·6	24·7	66·9	31·9
	Kailang (B)	*10,087*	20·935	...	20·890	21·174	20·646	·528	·372	28·3	43·2	—1·6	22·7	—1·1	33·0	—1·3	20·6	78·6	1·6	77·0	42·1
	Simla	7,232	23·079	—·005	23·041	23·270	22·825	·445	·232	53·7	60·5	—0·3	49·7	—0·2	55·1	—0·3	10·8	81·4	26·2	55·2	24·5
	Sarain	...	23·115	...	23·077	23·313	22·851	·462	·228	47·8	61·6	...	42·9	...	52·3	...	18·7	81·0	19·6	61·4	32·8
	Kalabagh (k)	...	20·105	...	20·067	20·253	19·928	·325	·176	47·0	53·1	...	43·1	...	48·1	...	10·0	61·6	28·1	33·5	23·5

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

y Mean of 9 months.
x Mean of 4 months.
s ,, of 3 ,,
m ,, ,, 11 ,,
B ,, ,, 5 ,,
K ,, ,, 7 ,,
Z ,, ,, 8 ,,

B—contd.

stations in India, etc., in the year 1910.

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
																									XIV—Madras.— *concld.*
...	7	34	29	65	4	45	98	83	...	...	...	69	+1	·701	—·005	5·0	+0·7	51	43·70	+7·30	46·23	32·69	+13·54	6·93	Cuddapah.
101	10	8	13	19	18	29	103	64	5·1	6·7	—1·6	58	—4	·521	—·059	4·1	—0·6	42	34·30	+7·70	26·46	19·73	+6·73	2·81	Bellary.
110	10	7	16	23	21	71	45	62	6·8	...	...	68	+2	·608	—·017	3·9	+0·1	59	47·60	+11·40	28·66	28·40	+0·26	3·20	Kurnool.
21	40	6	5	27	57	46	62	101	6·4	6·7	—0·3	77	+1	·778	—·031	5·8	+0·8	45	42·40	+2·60	32·41	30·73	+1·68	3·02	Nellore.
42	29	39	22	38	60	34	50	51	6·7	6·5	+0·2	83	+1	·852	+·0063	4·8	0	72	51·00	+21·00	48·70	40·91	+7·79	3·35	Masulipatam.
90	50	46	6	8	8	71	55	31	6·9	7·9	—1·0	84	+9	·826	+·0352	6·1	+1·4	65	53·90	+11·10	38·79	39·84	—1·05	2·66	Cocanada.
19	33	35	18	5	5	157	66	12	9·1	...	...	73	0	·735	—·032	5·2	+0·4	70	49·60	+20·40	56·77	43·54	+13·23	3·23	Waltair (Vizagapatam) (a).
15	52	23	4	11	16	84	59	101	7·0	...	...	y 82	...	y ·833	...	4·4	...	60	...	...	52·20	...	...	4·49	Callingapatam.
12	97	5	2	6	56	79	8	100	*12·0	11·7	+0·3	83	+2	·774	—·010	3·2	—1·4	72	55·20	+16·80	59·58	47·53	+12·05	4·08	Gopalpur.
																									Bay Islands.
14	55	53	8	25	58	111	27	14	...	...	...	81	...	·848	...	4·6	...	56	...	...	38·51	...	...	2·15	P. V. Fraser.
...	30	32	6	7	...	...	...	1	3·9	...	...	85	...	·836	...	7·0	...	14	...	...	11·99	...	...	2·32	Car Nicobar.
121	26	39	12	23	19	45	56	24	7·5	7·5	0	83	—3	·850	—·045	6·3	+0·3	150	...	...	114·12	117·63	—3·51	4·38	Port Blair.
11	60	51	35	25	40	74	44	25	12·0	...	...	79	...	·836	...	6·5	...	109	...	...	68·21	...	...	2·87	Slipper Island.
																									Kashmir.
...	20	28	6	8	5	31	108	127	0·8	...	...	65	...	·451	...	3·7	...	68	...	...	43·65	...	...	2·24	Muzaffarabad (b).
159	16	9	4	74	23	7	12	61	2·5	3·6	—1·1	83	—3	·331	—·024	4·5	—0·1	47	56·50	—9·50	22·72	24·74	—2·02	2·65	Srinagar.
62	...	16	29	7	1	3	2	2	3·2	...	...	79	...	·399	...	4·2	...	33	...	...	16·38	...	...	2·40	Gulmarg
283	7	40	11	12	4	2	...	6	2·3	...	...	85	...	·206	...	4·5	...	103	...	...	81·34	...	...	4·16	Sonemarg.
288	7	2	4	1	1	8	29	25	3·4	...	...	80	+4	·170	...	4·0	...	68	61·10	+6·90	28·87	21·74	+7·13	2·04	Dras.
280	3	6	5	8	31	8	20	4	3·3	2·0	+1·3	52	0	·138	+·007	4·9	+0·1	12	9·30	+2·70	3·40	3·00	+0·40	0·37	Leh.
215	1	4	25	9	44	58	9	...	5·8	...	...	61 (k)	—10	·191 (k)	...	5·1	...	24	17·00	+7·00	9·17	7·41	+1·76	0·95	Skardu.
63	8	13	21	5	...	4	3	3	5·7	...	...	75	...	·069	...	5·9	...	48	...	...	31·69	...	...	1·95	Minimarg (x).
81	1	...	23	11	2	3	...	...	2·5	...	...	61	...	·073	...	6·8	...	?	...	...	?	...	...	?	Astor (x).
367	2	...	6	...	...	6	44	...	1·3	..	...	51	0	·274	+·005	4·0	—0·8	15	14·00	+1·00	5·63	4·80	+0·83	1·25	Gilgit.
																									Baluchistan.
280	6	6	7	23	12	13	1	17	2·9	2·9	0	51	—7	·230	—·048	2·0	+0·1	20	26·80	—6·80	5·85	10·68	—4·83	1·97	Quetta.
56	4	4	40	55	70	101	19	16	6·5	8·1	—1·6	42	0	·253	—·014	2·3	+0·3	18	19·60	—1·60	5·88	6·29	—·041	1·05	Chaman.
40	3	74	79	17	6	141	5	...	7·9	...	...	48	...	·355	...	0·8	...	5	...	...	1·87	...	...	0·72	Robat.
																									Hill Stations excluding Kashmir and Baluchistan.
300	...	43	...	12	...	4	...	6	m 4·0	...	...	71	...	·296	...	2·6	...	32	...	...	14·89	...	...	1·15	Chitral.
325	2	...	6	3	10	1	13	5	3·5	...	...	61	...	·310	...	3·9	...	73	58·20	+14·80	37·43	25·18	+12·25	5·22	Para Chinar.
87	124	13	1	20	34	7	8	71	11·6	11·4	+0·2	51	—2	·305	—·014	3·8	+0·7	45	...	...	49·67	24·43	+25·24	6·50	Cherat.
147	35	9	3	88	46	6	...	31	5·5	7·3	—1·8	57	+2	·268	+·005	4·6	+0·8	76	77·30	—1·30	57·35	55·85	+1·50	4·02	Murree.
...	1	3	25	32	19	34	27	9	1·8	1·5	+0·3	66	...	·117	...	5·0	...	31	...	...	13·15	15·06	—1·91	1·26	Kailang.
...	...	...	...	...	...	...	...	...	...	...	...	56	—2	·256	—·004	4·4	+0·2	96	80·10	+15·90	80·20	63·59	+16·61	2·90	Simla.
182	...	19	7	2	55	94	4	2	2·4	...	...	76	...	·278	...	4·6	...	93	...	...	69·16	...	...	10·06	Sarain.
58	24	6	...	45	32	2	...	29	7·7	...	...	77	...	·260	...	6·5	...	97	...	...	80·58	...	...	9·79	Kalabagh.

*Mean of 11 months.

(a) Wind observations for 350 days.
(b) " " " 364 "

k = Mean of 2 months.
m = " " 11 "
y = " " 9 "

TABLE

(2) Abstract of observations taken at 8 hrs. at 243

Number of sub-division.	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
	Hill Stations excluding Kashmir and Baluchistan—concld.																				
	Chakrata	7,022	23·262	—·003	23·222	23·462	23·014	·448	·214	54·1	65·5	+1·2	49·4	—0·3	57·5	+0·5	16·0	82·8	28·2	54·6	30·[illegible]
	Mukteswar	7,592	22·808	—·028	22·767	22·905	22·560	·435	·220	53·5	63·6	—0·6	47·6	—0·8	55·6	—0·7	16·0	83·0	26·5	56·5	30·0
	Darjiling	7,376	22·968	—·037	22·923	23·155	22·755	·400	·218	52·6	59·4	+0·9	47·7	+0·2	53·5	+0·6	11·7	79·8	28·7	51·1	24·1
	Shillong	4,920	25·094 x	...	25·046 x	25·305	24·849	·456	·222 x	59·3	69·6	...	52·9 (d)	...	61·3 (d)	...	16·6 (d)	82·9	30·7	52·2	28·2 (d)
	Cherrapunji	4,309	25·607	...	25·558	25·792	25·334	·458	·224	61·7	68·1	...	54·1	...	61·9	...	15·0	79·7	40·1	39·6	29·0
	Maymyo	3,545	26·411	—·016	26·358	26·613	26·146	·467	·213	62·7	76·0	—1·1	56·5	+0·9	66·3	—0·1	19·5	91·9	32·6	59·3	30·7
	Pachmarhi	3,528	26·424	—·003	26·371	26·685	26·015	·670	·258	68·8	79·6	+0·1	60·4	—0·7	70·0	—0·4	19·1	90·0	36·6	62·4	33·2
	Mount Abu	3,945	26·013	—·016	26·963	26·258	25·585	·673	·248	67·6	75·3	—0·8	61·8	—0·1	68·5	—0·5	13·5	91·7	35·9	55·8	28·2
	Mercara	3,781	26·215	—·016	26·148	26·376	26·038	·338	·138	65·1	75·9	—0·7	60·8	—0·5	68·4	—0·6	15·0	91·0	51·0	40·0	23·7
	Ootacamund	7,327	23·041	...	22·977	23·159	22·854	·305	·115	57·8	66·0	...	48·7	...	57·4	...	17·3	77·0	34·7	42·3	27·3
	Kodaikanal	7,688	22·802	—·037	22·737	22·906	22·623	·283	·110	57·0	64·4	—0·3	51·1	—0·1	57·8	—0·2	13·3	75·5	41·0	34·5	22·7
	Extra India.																				
	Singapore (a)	10	29·914	...	29·845	30·052	29·814	·238	·134	82·6	87·9	...	73·7	...	80·8	...	14·2	92·0	70·0	22·0	18·8
	Penang (a)	20	29·896 (o)	... (o)	29·841 (o)	29·999	29·749	·250	·166 (o)	81·4	89·0	...	72·5	...	80·7	...	16·5	95·0	63·0	32·0	22·3
	Trincomalee	99	29·866	—·027	29·891?	30·048	29·856	·192	·186	76·7	89·6	+1·0	74·9	—1·5	82·3	—0·2	14·7	100·5	68·0	32·5	24·0
	Colombo	24	29·889	—·032	29·839	30·019	29·757	·262	·138	76·1	86·9	0	74·4	—1·1	80·7	—0·6	12·5	91·0	65·5	28·5	19·6
	Minicoy	7	29·933	...	...	30·070	29·769	·301	·143	...	...	...	...	...	...	...	...	...	...	...	...
	Amini Divi	13	29·912	—·016	29·853?	30·086	29·718	·368	·169	82·0	87·6	+1·4	75·6	—1·5	81·6	—0·1	12·0	95·4	65·3	30·1	20·8
	Gyantse	13,120	17·008 (d)	...	16·969 (d)	17·190	16·589	·601	·203 (d)	38·2	59·2	...	26·2	...	42·7	...	32·9	82·3	—4·8	87·1	50·3
	Pharijong	14,400	15·719 (z)	...	15·678 (z)	15·828	15·509	·319	·218 (z)	32·3	57·1	...	9·1	...	33·1	...	48·0	78·6	—16·0	94·6	66·5
	Gangtok	5,660?	24·378 (l)	...	24·333	24·594	24·223	·371	·241 (l)	59·1	68·5	...	51·8	...	60·1	...	16·7	82·3	34·2	48·1	28·8
	Gartok (c)	15,100?	17·612	...	...	17·826	17·425	·401	·246	29·2	44·5	...	19·0	...	31·7	...	25·5	76·8	—20·4	97·2	47·0
	Kashgar (e)	4,255	25·590	...	...	26·410	25·200	1·210	·452	49·4	66·6	+0·4	42·8	—0·7	54·7	—0·2	23·8	103·1	—1·7	104·8	45·6
	Kabul (l)	...	24·264	...	24·250	24·554	23·996	·558	·318	47·0	63·5	—2·0	37·2 (w)	—1·7 (w)	50·3 (w)	—1·9	26·3 (w)	97·4	0·4	97·0	50·8 (w)
	Meshed	3,104	26·793	...	26·771	27·223	26·313	·910	·455	52·3	69·9	...	37·3	—9·9	54·9	...	35·2	101·6	—2·2	103·8	60·1
	Jask	13	29·835	—·031	29·803	30·295	29·360	·935	·328	75·4	85·5	—1·1	73·3	—0·1	79·3	—0·6	12·2	104·3	43·3	61·0	25·7
	Muscat	20	29·846	—·013	29·814	30·264	29·369	·895	·311	80·1	88·2	+4·8	77·1	—1·6	82·6	+1·6	11·2	108·8	50·6	58·2	26·5
	Bahrein	18	29·881	...	29·852	30·393	29·374	1·019	·339	77·2	81·9	...	72·0	...	76·9	...	9·9	102·4	40·8	61·6	25·0
	Bushire	14	29·847	—·014	29·821	30·325	29·359	·966	·338	72·2	80·5	—1·7	67·8	—0·7	74·1	—1·2	12·7	103·3	39·0	64·3	29·5
	Busrah	25	29·881	...	29·865	30·407	29·379	1·028	·359	72·2	82·7	...	66·3	...	74·5	...	16·4	103·9	35·1	73·8	31·3
	Kerman	...	...	...	...	...	...	...	...	53·4	78·3	...	42·8 (k)	... (k)	60·5 (k)	... (k)	35·5 (k)	106·2	4·5	101·7	58·4 (k)
	Ispahan (b)	5,817	24·312	...	...	24·580	23·880	·700	·335	51·4	69·6	—2·5	47·4	—0·1	60·5	—1·9	26·2	102·4	10·2	92·2	45·3
	Tehran (b)	4,002	25·789	...	...	26·300	25·350	·950	·431	54·7	73·3	+0·3	49·7	—1·2	61·5	—0·5	23·5	106·6	20·0	86·6	40·5
	Bagdad (w)	127	29·763	—·017	29·865	30·296	29·261	1·035	·407	67·6	87·8	+1·6	61·3	+0·8	74·6	+1·2	26·5	116·2	29·5	86·7	42·4
	Beirut	...	...	...	29·920	...	...	...	...	68·2	74·9	...	61·8	...	68·3	...	13·1	93·0	33·4	59·6	28·7
	Aden	94	29·824	—·002	29·842	30·104	29·516	·588	·190	81·6	87·7	—0·5	78·1	+0·3	82·9	—0·1	9·7	98·8	66·9	31·9	18·2
	Perim	201	29·604	+·005	29·830	29·955	29·412	·543	·172	82·5	88·6	—1·1	79·3	+0·3	84·0	—0·4	9·3	101·0	71·2	29·8	16·5
	Zanzibar	72	29·989	—·004	29·988	30·143	29·798	·345	·136	78·2	83·5	—0·1	76·3	—0·1	79·9	—0·1	7·2	89·8	70·2	19·6	13·1

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.

(d) = Mean of 5 months.
(o) = ,, 2 ,,
(l) — ,, 6 ,,
(w) — ,, 11 ,,
(c) Aneroid corrected.
(b) ,, uncorrected.

z = Mean of 8 months.
X = Mean of 7 months.
(k) ,, 10 ,,

B.—concld.

tations in India, etc., in the year 1910.

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
																									Hill Stations excluding Kashmir and Baluchistan—*concld.*
141	140	7	1	15	39	5	...	7	4·9	6·3	—1·4	64	.0	·297	+·006	3·9	+0·5	90	88·00	+2·00	92·05	70·71	+21·34	5·78	Chakrata. (*a*).
154	6	16	56	13	7	9	101	3	6·9	...	...	61	0	·271	...	4·6	...	89	...	...	73·74	48·67	+25·07	7·18	Mukteswar.
284	2	19	5	19	2	12	20	2	1·8	4·8	—3·0	84	—3	·354	—·013	6·5	+0·5	122	121·09	+0·91	115·93	124·38	—8·45	5·51	Darjiling.
299	...	1	1	4	10	49	...	1	3·2	...	...	77	...	·415	...	4·3	...	145	120·40	+24·60	95·72	79·72	+16·00	5·50	Shillong.
128	21	21	43	16	30	68	29	9	4·2	...	...	87	...	·498	...	4·8	...	167	161·70	+5·30	486·64	438·85	+47·79	33·00	Cherrapunji.
251	...	5	6	6	16	78	3	...	2·6	...	...	89	+6	·535	...	3·8	...	100	90·70	+9·30	64·27	59·00	+5·27	4·20	Maymyo.
83	22	35	21	9	10	37	87	61	5·8	5·9	—0·1	62	+2	·432	—·002	2·9	—1·0	75	79·20	—4·20	77·03	76·21	+0·82	5·69	Pachmarhi.
49	31	45	9	26	8	116	31	50	8·3	7·8	+0·5	53	—2	·339	—·004	3·5	+0·2	59	54·20	+4·80	57·98	61·73	—3·75	6·21	Mount Abu.
106	18	48	43	6	...	6	69	69	5·3	5·9	—0·6	89	+6	·541	+·005	5·0	0	147	134·70	+12·30	127·20	125·94	+1·26	5·50	Mercara.
62	10	21	78	67	19	28	64	16	5·4	...	...	67	...	·319	...	5·2	...	114	90·70	+23·30	61·65	46·60	+15·05	2·77	Ootacamund.
11	34	42	68	44	14	4	59	89	13·1	...	...	65	—5	·332	...	4·2	...	122	99·40	+22·60	71·80	59·88	+11·92	3·62	Kodaikanal.
																									Extra India.
150	25	43	15	40	13	32	7	40	6·2	...	...	...	...	...	...	5·2	...	138	...	...	95·68	...	...	4·39	Singapore (*a*).
18	88	91	32	57	22	...	1	61	S10·1	...	...	...	...	...	...	(*l*) 1·7	...	148	...	...	119·88	...	...	5·55	Penang (*c*).
89	11	46	...	1	12	203	28	5	6·7	10·0	—3·3	83	+2	·761	—·103?	4·2	+0·9	77	...	...	74·07	62·37	+11·70	8·04	Trincomalee.
29	52	74	8	7	7	70	93	19	6·1	8·0	—1·9	69	+12	·810	—·036	6·8	+1·7	85	...	...	60·48	89·59	—29·11	5·39	Colombo. (*b*).
...	73	45	10	5	6	23	106	97	7·5	9·5	—2·0	...	...	...	...	4·4	—0·2	106	...	...	72·79	57·48	+15·31	5·05	Minicoy.
11	103	31	1	1	...	35	22	161	10·8	...	...	75	(w) —3	·824	(w) —·056	4·8	—0·5	85	...	...	53·02	48·41	+4·61	4·00	Amini Divi.
215	...	10	44	78	6	4	5	...	3·0	...	...	69	...	·170	...	1·5	...	33	...	...	9·30	...	...	0·59	Gyantse. (*e*).
29	51	9	12	43	96	82	59	33	7·7	...	...	68	...	·153	...	(w) 3·3	...	41	...	...	12·27	...	...	0·56	Phari-jong. (*b*).
327	2	13	2	5	2	4	...	1	1·6	...	...	83	...	·429	...	3·0	...	171	...	...	121·53	...	...	2·70	Gangtok. (*f*).
184	4	...	...	96	47	20	...	...	9·3	...	...	...	...	...	...	3·2	...	10	...	...	3·85	...	...	0·62	Gartok. (*e*).
305	...	1	...	3	...	8	...	17	(z) 2·0	2·8	(z) —1·3	69	(z) +17	·317	?	4·0	—0·3	11	...	...	3·34	3·99	—0·63	0·54	Kashgar. (*f*).
...	20	27	11	2	12	13	45	44	...	...	...	65	...	·231	...	3·2	+1·6	41	...	...	21·53	10·11	+11·42	2·12	Kabul. (*g*).
266	8	18	3	19	7	14	1	29	1·7	...	...	61	...	·237	...	2·7	(k) —0·4	24	...	...	10·70	8·20	+2·50	2·40	Meshed.
30	74	37	119	19	2	2	15	66	9·9	11·9	—2·0	74	+3	·388	—·039	1·1	—0·5	9	...	...	5·19	4·46	+0·73	1·17	Jask. (*b*).
126	16	11	72	6	1	2	34	97	5·5	4·3	+1·2	67	—2	·609	—·043	2·9	+1·3	6	...	...	2·91	4·43	—1·52	0·94	Muscat.
...	70	24	38	19	18	20	69	113	7·3	...	...	70	...	·635	...	2·1	...	12	...	...	4·68	...	...	0·89	Bahrein. (*h*).
52	55	65	34	27	5	7	22	98	10·1	7·9	+2·2	75	...	·618	+·010	2·2	...	21	...	...	15·20	12·11	+6·18	4·56	Bushire.
43	12	8	9	20	42	27	137	64	4·0	...	...	64	—3	·535	...	2·2	...	29	...	...	11·49	...	...	3·10	Busrah.
...	83	46	26	13	25	62	53	55	3·5	...	...	51	...	·207	...	(z) 2·0	...	(x) 9	...	...	(x) 2·43	...	...	0·54	Kerman. (*i*).
196	15	7	6	6	3	26	49	24	3·8	3·9	—0·1	50	—5	·235	—·034	3·0	+0·9	17	...	...	9·35	3·64	+5·71	1·53	Ispahan. (*j*).
118	69	115	15	13	8	15	10	2	3·0	3·0	0	63	+15	·287	+·036	1·6	—0·9	21	...	...	7·72	9·49	—1·77	0·85	Tehran.
85	60	15	8	10	9	8	12	100	8·1	3·6	(k) +4·7	49	(k) —10	·314	(k) —·095	1·9	(k) +0·7	13	...	...	5·48	9·04	—3·56	1·32	Bagdad. (*l*).
30	10	71	13	22	...	212	3	4	...	...	...	68	...	·493	...	2·9	...	52	...	...	35·52	...	...	2·56	Beirut.
30	1	249	2	41	...	35	1	6	12·6	12·5	+0·1	76	+3	·817	+·036	4·0	—0·2	5	...	...	3·21	2·97	+0·24	1·72	Aden.
7	4	3	59	99	16	2	5	6	(w) 15·9	16·9	(w) —1·9	73	0	·820	—·005	4·1	+0·1	5	...	...	4·53	1·92	+2·64	2·03	Perim. (*m*).
38	31	46	10	52	88	84	12	4	6·3	6·7	—0·4	81	—2	·783	—·020	6·4	+0·5	79	...	...	56·81	53·51	—2·67	3·47	Zanzibar.

S = Mean of 10 months.
L = „ 7 „

k Mean 10 months.
(w) „ 11 „
(z) „ 8 „

(a) Wind observations for 355 days.
(b) „ „ 364 „
(c) „ „ 362 „
(d) „ „ 356 „
(e) „ „ 320 „
(f) „ „ 334 „
(g) „ „ 358 „
(h) „ „ 361 „
(i) „ „ 363 „
(j) „ „ 332 „
(l) „ „ 348 „
(m) „ „ 361 „

x Number of rainy days and rainfall for 2 months.

Table C.—Abstract of observations taken at 8 hrs. at 42 fourth class stations in India, etc., in the year 1910.

TABLE

Abstract of observations taken at 8 hrs. at 42 fourth

Number of sub-division.	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	70·0	83·8	...	62·9	...	73·3	...	20·9	97·3	39·7	57·6	33·8	...	...	...	...	...	...	...	...	...
	Borjuli	71·4	84·7	...	63·5	...	74·1	...	21·2	97·8	41·2	56·6	33·4	...	...	...	...	...	...	...	...	...
	Chandkhira	69·5	83·0	...	(a) 62·2	...	(a) 73·8	...	23·8	95·4	41·0	54·4	(b) 38·8	...	...	...	...	...	...	...	...	...
	Doom Dooma	69·1	83·5	...	64·0	...	73·8	...	19·5	101·3	40·0	61·3	34·2	...	...	...	...	...	...	...	...	...
	Dikom	68·4	82·8	...	64·0	...	73·4	...	18·8	99·0	39·6	59·4	33·3	...	...	...	...	...	...	...	...	...
	Golaghat	71·5	77·1	...	...	...	...	...	...	94·1	...	...	...	...	...	...	...	...	...	...	...	...
	Hailakandi	69·1	86·1	...	65·0	...	75·5	...	21·1	97·0	40·0	57·0	33·4	...	...	...	...	...	...	...	...	...
	Jorehat	71·1	83·0	...	65·4	...	74·2	...	17·6	96·9	43·8	53·1	30·0	...	...	...	...	...	...	...	...	...
	Messa	74·0	88·4	...	62·8	...	75·6	...	25·6	101·4	41·6	59·8	36·9	...	...	...	...	...	...	...	...	...
	Panerihat	69·2	83·2	...	63·3	...	73·2	...	19·9	94·1	41·5	52·6	31·7	...	...	...	...	...	...	...	...	...
	Srimangal	71·8	87·4	...	65·0	...	76·2	...	22·4	97·9	41·1	56·8	34·6	...	...	...	...	...	...	...	...	...
5	Brahmanbaria	76·5	86·5	...	67·6	...	77·1	...	18·9	98·2	40·1	52·1	30·4	...	...	...	...	...	...	...	...	...
	Dam Dim	69·0	89·3	...	61·4	...	75·4	...	27·9	96·4	38·4	58·0	38·7	...	...	...	...	...	...	...	...	...
	Goalundo	75·7	86·2	...	67·2	...	76·7	...	19·0	100·7	42·3	64·4	33·5	...	...	...	...	...	...	...	...	...
	Kalchini	75·1	85·3	...	62·3	...	73·8	...	23·0	98·1	41·4	56·7	34·5	...	...	...	...	...	...	...	...	...
	Nagrakata	71·9	84·3	...	64·8	...	74·6	...	19·5	95·1	43·0	52·1	30·9	...	...	...	...	...	...	...	...	...
	Pabna	73·2	87·0	...	63·0	...	75·0	...	24·0	105·0	43·5	61·5	36·7	...	...	...	...	...	...	...	...	...
	XI.—Central Provinces.																					
24	Chhindwara	70·7	87·0	...	63·0	...	75·0	...	24·0	108·7	38·9	69·8	37·3	...	3	10	14	9	15	41	5	27
	XIV.—Madras.																					
33	Anantapur (d)	73·7	86·4	...	67·7	...	77·0	...	18·7	94·2	52·5	41·7	28·2	...	...	...	...	...	...	...	...	...
34	Guntur (e)	80·5	93·6	...	74·8	...	84·1	...	18·7	117·0	55·9	62·0	31·3	...	...	...	...	...	...	...	...	...
	Bay Islands.																					
1	Car Nicobar†	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kashmir.																					
14	Jammu (f)	76·5	88·8	...	70·3	...	79·5	...	18·5	112·1	37·8	74·3	33·8	...	1	51	18	14	21	6	4	3
	Kargil	42·2	58·5	...	35·9	...	47·2	...	22·6	95·8	—13·0	108·8	45·1	...	70	29	82	78	44	...	5	24
	Hill Stations, exclusive of Kashmir.																					
	Panighatta	73·0	83·4	...	67·1	...	74·3	...	18·3	75·3	43·5	49·8	30·3	...	...	...	...	...	...	...	...	...
	Kurseong	60·8	69·3	...	57·5	...	62·9	...	11·8	73·5	40·4	39·1	22·8	...	...	...	...	...	...	...	...	...
	Gnatong	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lachung	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Ringim	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Poo	...	53·9	...	34·0	...	46·4	...	24·9	81·9	7·0	77·9	41·3	21	4	..	32	31	3	2	47	2
	Kailang	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Drosh	54·9	71·0	...	50·8	...	60·9	...	20·2	105·2	20·1	85·1	40·1	21	1	9	26	30	3	48	3	22
	Pishin	...	75·4	...	44·6	...	60·0	...	30·8	100·9	6·2	100·7	53·2	...	...	...	...	...	...	...	...	...
	Kalat	51·5	71·7	—2·9	39·5	+3·8	55·7	+0·5	32·2	98·2	1·7	96·5	56·9	...	71	7	20	...	3	29	14	...

(a) Mean of 10 months.
(b) ,, ,, 9 ,,
(c) ,, ,, 5 ,,
(d) Observations of 5 months.
(e) ,, ,, 9 ,,
(f) ,, ,, 9 ,,
† Observations of 10 months.

C.

class stations in India, &c., in the year 1910.

Wind velocity.			Hygrometry, 8 hrs.				Cloud.		Rainfall.							
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.	Heaviest rainfall during the year.	Station.
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
																II.—Eastern Bengal and Assam.
...	...	...	89	...	·681	...	...	...	129	...	...	99·78	...	...	4·07	Bishnath.
...	...	...	85	...	·686	...	...	...	125	...	...	90·98	...	...	3·20	Borjuli.
...	...	...	92	...	·696	...	...	...	143	...	...	134·53	...	...	6·24	Chandkhira.
...	...	...	88	...	·652	...	...	...	141	...	...	97·97	...	...	3·36	Doom Dooma.
...	...	...	92	...	·666	...	...	...	151	...	...	104·40	...	...	3·19	Dikom.
...	...	...	87	...	·697	...	...	...	115	...	...	72·33	...	...	3·97	Golaghat.
...	...	...	92	...	·682	...	...	...	135	...	...	148·56	...	...	8·30	Hailakandi.
...	...	...	88	...	·691	...	...	...	121	...	...	79·89	...	...	3·74	Jorehat.
...	...	...	80	...	·704	...	...	...	115	...	...	92·27	...	...	4·02	Messa.
...	...	...	92	...	·620	...	...	...	101	...	...	81·67	...	...	4·67	Panerihat.
...	...	...	88	...	·714	...	...	...	124	...	...	102·26	...	...	5·86	Srimangal.
...	...	...	79	...	·744	...	...	...	114	...	...	83·84	...	...	4·34	Brahmanbaria.
...	...	...	99	...	·750	...	...	...	128	...	...	190·82	...	...	8·50	Dam Dim.
...	...	...	80	...	·740	...	...	...	92	...	...	61·28	...	...	7·38	Goalundo.
...	...	...	76	...	·699	...	...	...	129	...	...	179·20	...	...	9·66	Kalchini.
...	...	...	80	...	·648	...	...	...	134	...	...	184·86	...	...	8·42	Nagrakata.
...	...	...	81	...	·737	...	...	...	82	...	...	57·33	...	...	2·72	Pabna.
																XI.—Central Provinces.
4·3	...	...	69	...	·521	...	(c) 3·5	...	64	...	...	49·04	...	...	2·71	Chhindwara.
																XIV.—Madras.
...	...	...	83	...	·694	...	5·3	...	30	...	...	18·85	...	...	2·42	Anantapur.
...	...	...	81	...	·855	...	5·3	...	69	...	...	45·50	...	...	3·59	Guntur.
																Bay Islands.
...	...	...	...	...	...	...	...	...	126	...	...	97·16	...	...	3·31	Car Nicobar.†
																Kashmir.
...	...	...	58	...	·560	...	2·9	...	39	...	...	38·84	...	...	4·30	Jammu.
...	...	...	49	...	·164	...	4·4	...	27	...	...	11·33	...	...	1·04	Kargil.
																Hill Stations exclusive of Kashmir.
...	...	...	70	...	·595	...	...	...	124	...	...	164·55	...	...	6·20	Panighatta.
...	...	...	80	...	·444	...	...	...	134	...	...	174·05	...	...	9·30	Kurseong.
...	...	...	...	...	...	...	...	...	190	...	...	150·79	...	...	5·94	Gnatong.
...	...	...	...	...	...	...	...	...	140	...	...	59·57	...	...	3·75	Lachung.
...	...	...	...	...	...	...	...	...	180	...	...	148·55	...	...	8·60	Ringim.
...	...	...	...	...	...	...	4·3	...	34	...	...	12·59	18·56	—5·97	1·12	Poo.*
...	...	...	...	...	...	...	...	...	§40	...	...	22·97§	7·78	+15·19	1·83	Kailang.
...	...	...	65	...	·331	...	1·5	...	45	...	...	17·23	...	...	1·17	Drosh.
...	...	...	...	...	...	...	2·1	...	21	23·20	—2·20	7·05	9·98	—2·93	1·10	Pishin.*
...	...	...	56	...	·258	...	...	...	10	19·50	—9·50	5·29	5·79	—0·50	1·55	Kalat.*

* Wind observations of 10 months.
† Observations of 10 months.
§ " " 7 "
(c) Mean of 5 months.

TABLE

Abstract of observations taken at 8 hrs. at 42 fourth

Number of sub-division.	Station.	Temperature of air.												Wind direction.								
		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.	Number of winds from								
														Calm.	N.	N. E.	E.	S. E.	S.	S. W.	N. 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	...	87·6	...	67·6	...	77·5	...	20·0	116·8	35·6	81·2	34·9	...	...	...	...	...	...	...	...	...
	Birjand (g)	43·8	55·5	...	37·6	...	46·5	...	17·9	79·8	12·6	67·2	44·9	24	7	42	6	5	7	...	8	...
	Chumbi	40·3	58·5	...	36·0	...	47·2	...	22·5	83·7	10·1	73·6	40·4	...	...	...	...	...	...	...	...	...
	Kirmanshah	57·3	70·2	...	42·0	...	56·1	...	28·2	106·0	8·8	97·2	47·4	...	...		...	...	...	...	...	...
	Koweit	...	84·7	...	67·1	...	75·9	...	17·6	114·4	35·7	78·7	35·4	21	7	1	1	48	4	8	40	234
	Maidan (h)	...	91·0 (i)	...	60·9 (j)	...	75·0 (j)	...	30·1	119·2	30·9	88·3	45·4 (j)	...	...	...	...	...	...	...	...	...
	Muhammerah	...	92·3	...	70·3	...	81·1	...	22·0	110·0	39·4	70·6	34·6	...	69	6	3	34	41	9	1	77
	Pemba	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Prison Island	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

(i) Mean of 8 months.
(j) „ „ 7 „
(n) „ „ 9 „
(g) Observations of 4 months.
(h) „ „ 11 „

C—*concld.*

lass stations in India, &c., in the year 1910.

Wind velocity.			Hygrometry, 8 hrs.				Cloud.		Rainfall.							
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.	Heaviest rainfall during the year.	Station.
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
																Extra India.
...	...	...	...	...	.	...	2·2	...	19	...	...	14·33	...	...	2·86	Ahwaz.
...	...	...	59	...	·167	...	2·6	...	13	...	...	4·16	...	...	0·70	Birjand.
...	...	...	81	...	·229	...	...	...	97	...	...	29·59	...	...	1·20	Chumbi.
...	...	...	53	...	·237	...	...	...	35	...	...	15·47	...	...	1·25	Kirmanshah.
...	...	...	...	...	...	...	(b) 2·9	...	21	...	...	9·79	...	...	1·05	Koweit.
...	...	...	...	...	...	...	...	...	16	...	...	15·84	...	...	3·12	Maidan.
...	...	...	...	...	...	...	...	...	15†	...	...	7·69†	...	...	1·70	Muhammerah.*
...	...	...	...	...	...	...	...	...	76†	...	...	82·97	...	...	6·53	Pemba.
...	...	...	...	...	...	...	...	...	44†	...	...	39·92‡	...	...	3·62	Prison Island.

* Wind observation of 10 months.
† Observations " 10 "
‡ " " 11 "
(b) Mean 9 months.

Addenda sheet of 10 hrs. and 16 hrs. Observations in Table A of 1910, Monthly Weather Review.

Addenda sheet of 10 hrs. and 16 hrs. observations

Number of sub-division.	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 pressures.	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
	January 1910.																					
	Mauritius . .	181	...	...	...	29·701	—·060	29·826	...	...	...	90·2	68·1	22·1	...	...	78·8	—0·1	...	...	...	74·2
	February 1910.																					
	Mauritius . .	181	...	...	...	29·767	—·031	29·833	...	...	...	87·5	65·2	22·3	...	...	77·7	—0·8	...	...	...	72·8
	March 1910.																					
	Mauritius . .	181	...	...	...	29·792	+·015	29·919	...	...	...	84·5	68·0	16·5	...	...	76·9	—0·4	...	...	...	73·7
	April 1910.																					
	Mauritius . .	181	...	...	...	29·829	—·004	29·956	...	...	...	85·3	65·1	20·2	...	...	75·2	—0·1	...	...	...	71·4
	May 1910.																					
	Mauritius . .	181	...	...	...	29·904	+·003	30·033	...	...	...	82·1	58·0	24·1	...	...	70·9	—1·2	...	...	...	66·5
	June 1910.																					
	Mauritius . .	181	...	...	...	29·958	—·018	30·088	...	...	...	80·2	51·5	25·7	...	...	67·4	—1·3	...	...	...	62·1
	July 1910.																					
	Mauritius . .	181	...	...	...	29·990	—·025	30·122	...	...	...	78·0	54·9	23·1	...	...	68·2	+0·7	...	...	...	63·7
	August 1910.																					
	Mauritius . .	181	...	...	...	29·957	—·031	30·118	...	...	...	78·1	53·5	24·6	...	...	67·2	—0·8	...	...	...	62·1
	September 1910.																					
	Mauritius . .	181	...	...	...	29·983	—·021	30·114	...	...	...	79·3	55·3	24·0	...	...	69·2	—0·4	...	...	...	63·8
	October 1910.																					
	Mauritius . .	181	...	...	...	29·944	—·009	30·075	...	...	...	83·2	60·4	22·8	...	...	71·7	—0·4	...	...	...	65·5
	November 1910.																					
	Mauritius . .	181	...	...	...	29·898	+·010	30·026	...	...	...	84·7	61·5	23·2	...	...	74·1	—1·1	...	...	...	67·7
	December 1910.																					
	Kodaikanal . .	7,088	22·861	22·795	·066	22·828	...	22·763	67·6	48·2	19·4	73·7	40·8	32·9	63·9	60·3	57·9	...	36·9	46·9	50·1	44·7
	Mauritius . .	181	...	...	...	29·820	—·002	29·947	...	...	...	88·5	67·3	21·2	...	...	77·6	—0·4	...	...	...	72·0

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.

in Table A of 1910, Monthly Weather Review.

Vapour tension in inches of mercury.					Humidity.					Cloud.				Wind direction.										Wind steadiness.		Wind velocity.		Rainfall.		Station.	Number of sub-division.
														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
																															January 1910.	
...	...	...	·761	+·024	...	...	...	77	+ 2	...	...	6·8	+0·1	...	...	...	...	...	...	...	...	...	N86°E	S7°E	...	...	289*	266	7·13	3·07	Mauritius	
																															February 1910.	
...	...	...	·719	−0·38	...	...	...	76	− 2	...	...	5·8	−0·5	...	...	...	...	...	...	...	...	...	S77°E	S81°E	...	...	199*	264	4·00	1·73	Mauritius	
																															March 1910.	
...	...	...	·768	+·021	...	...	...	83	+ 3	...	...	6·9	+0·5	...	...	...	...	...	...	...	...	...	N88°E	S78°E	...	...	214*	250	9·70	1·96	Mauritius	
																															April 1910.	
...	...	...	·699	−·005	...	...	...	80	− 1	...	...	6·1	+0·1	...	...	...	...	...	...	...	...	...	S71°E	S70°E	...	...	229*	252	2·71	0·49	Mauritius	
																															May 1910.	
...	...	...	·581	−·044	...	...	...	77	− 2	...	...	5·1	0	...	...	...	...	...	...	...	...	...	S61°E	S65°E	...	...	199*	246	0·93	0·28	Mauritius	
																															June 1910.	
...	...	...	·480	−·058	...	...	...	71	− 5	...	...	4·3	−0·6	...	...	...	...	...	...	...	...	...	S60°E	S61°E	...	...	219*	269	0·58	0·69	Mauritius	
																															July 1910.	
...	...	...	·523	+·016	...	...	...	76	0	...	...	5·8	+0·7	...	...	...	...	...	...	...	...	...	S71°E	S6 °E	...	...	242*	237	4·01	2·21	Mauritius	
																															August 1910.	
...	...	...	·485	− 023	...	...	...	73	− 2	...	...	5·5	0	...	...	...	...	...	...	...	...	...	S73°E	S68°E	...	...	252*	296	2·53	0·64	Mauritius	
																															September 1910.	
...	...	...	·511	−·011	...	...	...	72	0	...	...	6·3	+0·7	...	...	...	...	...	...	...	...	...	S66°E	S71°E	...	...	249*	288	1·13	0·23	Mauritius	
																															October 1910.	
...	...	...	·536	−·016	...	...	...	69	− 1	...	...	6·1	+0·1	...	...	...	...	...	...	...	...	...	S76°E	S78°E	...	...	235*	264	1·62	1·04	Mauritius	
																															November 1910.	
...	...	...	·576	− 027	...	...	...	69	+ 1	...	...	5·9	+0·4	...	...	...	...	...	...	...	...	...	S75°E	S83°E	...	...	297*	237	1·73	0·69	Mauritius	
																															December 1910.	
·115	·158	·262	·178	...	35	28	50	37	...	1·3	2·2	1·7	...	...	6	12	20	15	6	...	...	3	E	...	60	...	331*	...	0	0	Kodaikanal	
...	...	...	·687	+·011	...	...	...	73	+ 2	...	...	6·7	+0·6	...	...	...	...	...	...	...	...	...	N81°E	N89°E	...	...	222*	259	2·73	0·69	Mauritius	

* Uncorrected for scale error.

Addenda sheet of 8 hrs. observations in Table B of 1910, Monthly Weather Review.

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 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
	January 1910.																						
	Gartok . . .	14,140	...	...	...	...	...	...	...	...	5·5	24·1	...	−5·0	...	9·6	...	29·1	36·3	16th	−20·4	24th	56·7
	February 1910.																						
	Amini Divi . .	*13*	29·954	−·030	29·895	30·030	4th	29·889	18th & 19th	·141	82·2	88·4	+3·2	74·6	−1·5	81·5	+0·9	13·8	90·6	8th	68·2	6th	22·4
	May 1910.																						
	Amini Divi . .	*13*	29·904	+·022	29·845	29·954	19th	29·820	31st	·134	85·3	91·2	+1·1	79·6	−0·9	85·4	+0·1	11·6	94·1	8th	72·8	10th	21·3
	June 1910.																						
	Amini Divi . .	*13*	29·821	−·014	29·762	29·908	30th	29·724	25th	·184	82·3	87·4	+1·3	76·5	−1·5	82·0	−0·1	10·9	93·1	2nd	73·5	18th	19·6
	Kerman . .	...	...	...	...	...	...	...	...	...	80·4	98·9	...	62·3	...	80·6	...	36·6	101·8	25th	53·3	2nd	51·5
	August 1910.																						
	Ispahan (*b*) . .	5,817	24·275	...	...	24·430	23rd & 29th	24·080	5th	·350	78·1	94·8	−0·7	64·3	+2·8	79·6	+1·1	30·5	101·4	7th & 8th	53·2	30th	48·2
	September 1910.																						
	Amini Divi . .	*13*	29·883	−·043	29·824	29·947	19th	29·810	29th	·137	80·2	85·2	+0·3	75·3	−2·0	80·3	−0·9	9·9	86·8	21st	73·0	1st & 3rd	13·8
	December 1910.																						
	Gartok (*c*) . .	14,140	17·590	...	...	17·750	4th	17·500	6 days	·250	13·3	28·5	...	6·1	...	17·3	...	22·4	37·3	15th	0·2	5 days	37·1

(*b*) Aneroid uncorrected.
(*c*) ,, corrected.

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

of 1910, 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 month.	Departure from normal.	Total rainfall for period.	Normal rainfall for period.	Departure from normal.	Heaviest rainfall during month.	Station.
25	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
																																January 1910.
15	...	...	...	9	4	...	...	...	S31°E	...	9·8	...	...	39	...	...	...	...	...	3·8	...	0	...	...	0	...	...	0·58	...	...	0	Gartok.
																																February 1910.
2	12	3	...	...	...	...	...	11	N15°W	...	7·3	...	...	82	...	71†	− 5	·783†	−·048	3·0	−0·9	0	...	...	0	0	0	2·37	0·51	+1·86	0	Amini Divi.
																																May 1910.
...	9	1	...	...	...	...	...	21	N29°W	...	9·4	...	...	94	...	73	− 4	·885	−·053	5·3	−0·4	5	...	...	3·12	4·10	−0·98	3·12	·10	−0·98	1·26	Amini Divi.
																																June 1910.
...	1	...	...	...	...	15	6	8	S80°W	...	17·5	...	...	73	...	82	− 3	·965	−·039	8·8	+1·0	18	...	...	10·96	13·14	−2·18	14·08	17·24	−3·16	1·66	Amini Divi.
...	6	5	3	1	1	3	5	6	≷22°W	...	4·4	...	...	37	...	26	...	·272	...	0					No rain gauge							Kerman.
																																August 1910.
16	1	2	1	3	1	...	3	3	N45°W‡	...	2·9	3·3	−0·4	3	−16	36	−13	·349	−·112	0·2	−0·4	0	...	...	0	0	0	0·23	0·17	+0·06	0	Ispahan.
																																September 1910.
...	3	...	...	...	...	1	2	24	S46°E	...	15·8	...	...	93	...	81	− 1	·833	−·047	3·1	−3·2	18	...	...	5·51	5·54	−0·03	40·90	37·73	+3·17	1·05	Amini Divi.
																																December 1910.
13	...	...	...	6	9	3	...	...	S8°E	...	9·6	...	...	48	...	...	...	...	...	3·8	...	0	...	...	0	...	...	0	...	...	0	Gartok.

† Mean of 27 days.
‡ " 30 "

Addenda sheet of 8 hrs. Observations in Table C. of 1910, Monthly Weather Review.

Addenda sheet of 8 hrs. observations in

Number of sub-divisions.	Station.	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
	April 1910.													
	Car Nicobar	...	...	...	...	...	...	...	...	...	...	...	...	...
	May 1910.													
	Car Nicobar	...	...	...	...	...	...	...	...	...	...	...	...	...
	Maidan	...	96·6	...	66·0	...	81·3	...	30·6	105·2	26th	59·9	6 days.	45·3
	Pemba	...	...	...	...	...	...	...	...	...	...	...	...	...
	Prison Island	...	...	...	...	...	...	...	...	...	...	...	...	...
	June 1910.													
	Car Nicobar	...	...	...	...	...	...	...	...	...	...	...	...	...
	Koweit	...	98·7	...	80·6	...	89·6	...	18·1	108·9	19th	73·0	4th	35·9
	July 1910.													
	Lachung	...	...	...	...	...	...	...	...	...	...	...	...	...
	Ringim	...	...	...	...	...	...	...	...	...	...	...	...	...
	August 1910.													
	Lachung	...	...	...	...	...	...	...	...	...	...	...	...	...
	Maidan	...	113·8	...	68·9	...	91·3	...	44·9	119·2	12th	60·9	30th	58·3
	September 1910.													
	Pemba	...	...	...	...	...	...	...	...	...	...	...	...	...
	Prison Island	...	...	...	...	...	...	...	...	...	...	...	...	...
	October 1910.													
	Koweit	...	91·3	...	70·3	...	80·8	...	21·0	98·1	19th	64·8	31st	33·3
	November 1910.													
	Pemba	...	...	...	...	...	...	...	...	...	...	...	...	...
	Prison Island	...	...	...	...	...	...	...	...	...	...	...	...	...
	December 1910.													
	Kailang	...	...	...	...	...	...	...	...	...	...	...	...	...
	Pemba	...	...	...	...	...	...	...	...	...	...	...	...	...

Table C. of 1910, 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.	Percentage 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 period.	Heaviest rainfall during month.	Station.
16	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
																																April 1910.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10	...	...	7·08	...	...	25·97	...	...	1·80	Car Nicobar.
																																May 1910.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12	...	...	10·25	...	...	10·25	...	...	2·75	Car Nicobar.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	...	...	0	...	...	0	...	...	0	Maidan.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	20	...	...	17·94	...	...	17·94	...	...	2·90	Pemba.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10	...	...	11·79	...	...	11·79	...	...	3·62	Prison Island.
																																June 1910.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	23	...	...	21·50	...	...	31·75	...	...	3·31	Car Nicobar.
...	...	...	...	...	...	...	...	30	N45°W	...	...	...	...	97	...	...	...	...	...	0·1	...	0	...	...	0	...	...	0·45	...	...	0	Koweit.
																																July 1910.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	26	...	...	10·87	...	...	27·87	...	...	0·95	Lachung.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	31	...	...	50·83	...	...	80·09	...	...	8·80	Ringim.
																																August 1910.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	22	...	...	6·46	...	...	34·33	...	...	0·75	Lachung.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	0·50	...	...	0·50	...	...	0·50	Maidan.
																																September 1910.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	...	...	0·11	...	...	24·12	...	...	0·05	Pemba.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	0·45	...	...	17·87	...	...	0·32	Prison Island.
																																October 1910.
2	...	...	...	3	2	1	4	19	N61°W	...	...	...	...	55	...	...	...	...	...	0·8	...	0	...	...	0	...	...	0·45	...	...	0	Koweit.
																																November 1910.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	?	...	...	8·92	...	...	33·80	...	...	?	Pemba.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	...	...	7·25	...	...	26·44	...	...	1·22	Prison Island.
																																December 1910.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	...	...	1·81	...	...	1·81	...	...	0·60	Kailang.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	?	...	...	5·75	...	...	5·75	...	...	?	Pemba.

Corrigenda in the India Monthly Weather Reviews for the year 1910.

TEXT.

Page.	Column.	Part.	Correction.
6	2	January 1910 .	*For* "—·030 and —·014 " *read* "—·028 and—·018 " respectively against Darjiling in the figure columns 2 and 5 of Table 10.
11	...	Do. ...	*For* "1·3, 0·9, 0·85, 0·42 + 0·43 and + 1·02 " *read* " 1·5, 0·8, 1·03, 0·37, + 0·66 and +1·78, " respectively against Bengal in the figure columns 1 to 6 of Table 15.
11	...	Do. ...	*For* " 1·4, 0·10, 0·70,—0·60, —89 " *read* " 1·3, 0·08, 0·69, —0·61 and—88 " respectively against Bihar in the figure columns 2 to 6 of Table 15.
20	...	February ...	*For* " 37·6, 50·2, 25·1,—0·5 and + 4·8 " *read* " 38·0, 50·4, 24·7, + 0·1 and + 4·2 " respectively against 16 Baluchistan in the figure columns 2, 3, 4, 7 and 8 of Table 13.
21	...	Do. ...	*For* " 0·7, 0·45, 0·86,—0·41 and —48 " *read* " 0·6, 0·25, 0·95,—0·70 and—74 " respectively against 6 Bengal in the figure columns 1, 3, 4, 5 and 6 of Table 15.
21	...	Do. ...	*For* " 0·4, 0·18, 0·57,—0·39 and—68 " *read* " 0·5, 0·38, 0·55,—0·17 and—31 " respectively against 9 Bihar in the figure columns 1, 3, 4, 5 and 6 of Table 15.
31	...	March ...	*For* " 43·6, 54·1, 21·1, 56·0,—2·1 and—1·6 " *read* " 43·4, 54·0, 21·2, 56·6,—2·3 and—1·4," respectively against 16 Baluchistan in the figure columns 2, 3, 4, 5, 7 and 8 of Table 16.
31	1	Do. ...	*For* " —0 " *read* " —0·6 " against Sind in the figure column 1 of Table 17.
34	1	Do. ...	*For* " 3·7 " *read* " 3·17 " against Eastern Bengal and Assam in the figure column 2 of Table 21.
45	...	April ...	*For* " 1·4, 2·1, 0·91, 1·41,—0·50 and—35 " *read* " 1·5, 2·0, 0·85, 1·32,—0·47 and—36 " respectively against 32 Madras Southeast in the figure columns 1 to 6 of Table 15.
45	2	Do. ...	*For* " 1·07, 1·26,—0·19 and—15 " *read* " 1·04, 1·21,—0·17 and—14 " respectively against Madras in the figure columns 1, 2, 3 and 4 of Table 16.
48	2	May ...	*For* " indefinite " *read* " in definite " in paragraph 5, line 4.
49	2	Do. ...	*For* " hihgest " *read* " highest " in line 4.
56	...	Do. ...	*For* " 1·8" *read* "1·7" against 10 United Provinces East in the figure column 1 of Table 17.
70	...	June ...	*For* " 4·3, 3·63 and + 1·27 " *read* " 4·4, 3·64 and + 1·28 " against 12 Punjab East and North in the figure columns 1, 3 and 5 of Table 16.
80	...	July ...	*For* " 5·67 and—1·03 " *read* " 5·69 and—1·01 " against 12 Punjab East and North in the figure columns 3 and 5 of Table 17.
80	...	Do. ...	*For* " 3·0, 2·03 and—0·40 " *read* " 3·1, 2·04 and—0·39 " against 13 Punjab Southwest in the figure columns 1, 3 and 5 of Table 17.
81	1	Do. ...	*For* " 4·93 and—0·90 " *read* " 4·94 and—0·39 " against Punjab in the figure columns 1 and 3 of Table 18.
85	2	August ...	*For* "—·162" *read* "—1·62" against " Rainfall departure from normal " in figure column 2 of Table 8.
89	1	Do. ...	Second paragraph, line four, under section " Humidity and Cloud " *for* " the West oi Bfhar" *read* " the West of Bihar."
90	...	Do. ...	*For* " 9·44, + 2·90 and + 44" *read* " 9·47, + 2·93 and + 45 " respectively against 12 Punjab East and North in the figure columns 3, 5 and 6 of Table 16.
91	1	Do. ...	*For* " 8·31 and + 2·38 " *read* " 8·33 and + 2·70 " respectively against Punjab in the figure columns 1 and 3 of Table 17.
101	1	September ...	Snowfall section, Kashmir, first paragraph, third line, *for* " oranges " *read* " ranges."

Corrigenda in the India Monthly Weather Reviews for the year 1910.

TEXT—*concld.*

Page.	Column.	Part.	Correction.
111	2	October 1910 ...	*For* " 1406 " *read* ' + 1406 " against Rajputana in the figure column 4 of Table 17.
129	2	December ...	*For* " + " *read* " + 1 " against Bombay in the figure column 2 of Table 14.
130	2	Do. ...	Second paragraph second line in " Rainfall " section insert ·46" or 94 per cent.
131	1	Do. ...	*For* " 0·14, − 0·32 and —70 " *read* " 0·15, —0·31 and —67 " against Punjab in the figure columns 1, 3 and 4 of Table 17.

Corrigenda in the India Monthly Weather Reviews for the year 1910.

Tables A, B and C.

Page.	Part.	Table	Meteorological Province or Station.	Heading	Column No.	Correction.
ii	January 1910	A	Srinagar	Temperature of air	13	*For* "4·0" *read* "47·0."
ii	Do.	A	Quetta	Ditto	14	*For* "3·9" *read* "2·9."
iv	Do.	A	Mukteswar	Ditto	10, 12 and 18	*For* "57·5, 22·0 and 45·8" *read* "56·2, 20·8 and 45·1" respectively.
iv	Do.	A	Darjiling	Pressure	4 to 9	*For* "23·002, 22·922, ·080, 22·956, —·055 and 22·911" *read* "22·994*l*, 22·918*l*, ·076, 22·950*l*, —·061 and 22 905" respectively.
iv	Do.	A	Mount Abu	Temperature of air	10, 12, 13, 15, 18 and 19.	*For* "66·4, 15·9, 71·4, 35·6, 57·8 and —0·4" *read* "66·0, 15 5, 72·0, 36·2, 57·5 and —0·7" respectively.
iv	Do.	A	.....	Footnote	...	*Insert* "*l* mean of 22 days".
viii	Do.	B	Thayetmyo	Temperature of air	13, 14, 17 to 20 and 24.	*For* "83·9, —2·0, 68·6, —1·1, 30·6, 88·5 and 41·6" *read* "83·3, —2·6, 68·3, —1·4, 30·0, 87·9 and 41·0" respectively.
ix	Do.	B	Dinajpur	Wind velocity	38	*For* "1·2" *read* "—1·2".
x	Do.	B	Sambalpur	Temperature of air	13, 14, 17 to 20 and 24.	*For* "80·9, —1·3, 68·6, +0·1, 24·6, 85·1 and 37·5" *read* "80·4, —1·8, 68·3, —0·1, 24·1, 84·6 and 37·0" respectively.
x	Do.	B	Chaibasa	Ditto	14, 16 and 18	*For* "—4·0, + 0·5 and —1·7" *read* "—3·4, +1·3 and —0·8" respectively.
x	Do.	B	Purnea	Ditto	15 to 19, 22 and 24.	*For* "45·9, —2·4, 59·7, —1·9, 27·3, 41·7 and 35·8", *read* "46·6, —1·7, 60·0, —1·6, 26·6, 42·4 and 35·1" respectively.
x	Do.	B	Darbhanga	Ditto	15 to 19, 22 and 24.	*For* "47·5, —4·6, 60·7, —1·7, 26·3, 43·8 and 33·8" *read* "46·9, —5·2, 60·4, —2·1, 26·9, 43·2 and 34·4" respectively.
x	Do.	B	Gorakhpur	Ditto	12, 15 to 19, 22 and 24.	*For* "50·7, 44·0, —4·3, 58·4, —2·7, 26·9, 41·5 and 35·1" *read* "50·3, 46·3, —2·9, 59·1, —2·0, 25·5, 42·9 and 33·7" respectively.
xi	Do.	B	Do.	Hygrometry	42	*For* "+15" *read* "+13".
xi	Do.	B	Chapra	Rainfall	56	*For* "0·0" *read* "0·03".
xiv	Do.	B	Surat	Pressure	5	*For* "—·035" *read* "—·046".
xiv	Do.	B	Karwar	Temperature of air	12 to 14, 17 to 20 and 24.	*For* "67·5, 87·8, +0·9, 76·3, +0·1, 22·9, 94·3, and 32·3" *read* "67·9, 87·3, +0·4, 76·0, —0·1, 22·4, 93·8 and 31·8" respectively.
xiv	Do.	B	Bijapur	Pressure	4 to 7 and 9	*For* "28·026, —·050, 29·968, 28·119, and 27·891" *read* "28·031, —·045, 29·973, 28·124, and 27·896" respectively.
xiv	Do.	B	Indore	Do.	4, 6, 7 and 9	*For* "28·190, 30·054, 28·308 and 28·024" *read* "28·178, 30·042, 28·296 and 28·012" respectively.
xiv	Do.	B	Saugor	Temperature of air	15 to 19, 22 and 24.	*For* "52·8, +1·0, 64·6, + 0·3, 23·6, 45·0 and 41·1" *read* "52·4, +0·6, 64·4, +0·1, 24·0, 44·6 and 41·5" respectively.
xiv	Do.	B	Seoni	Ditto	13, 14, 17 to 20 and 24.	*For* "78·1, —1·1, 63·9, —1·8, 28·4, 83·0 and 41·0", *read* "77·7, —1·5, 63·7, —1·5, 28·0, 82·6 and 40·6" respectively.
xiv	Do.	B	Chanda	Ditto	12	*For* "61·3" *read* "61·0".
xvi	Do.	B	Nizamabad	Pressure	4 to 7 and 9	*For* "28·739, 29·983, 28·857, and 28·579" *read* "28·747, +·005, 29·991, 28·865 and 28·587" respectively.
xvi	Do.	B	Bidar	Do.	4 and 6 to 11	*Insert* "27·843, 29·986, 27·961, 29th, 27·705, 12th and 15th and ·256" respectively.

Corrigenda in the India Monthly Weather Reviews for the year 1910.

TABLES A, B AND C.—*contd.*

Page.	Part.	Table.	Meteorological Province or Station.	Heading.	Column No.	Correction.
xvi	January 1910 .	B	Raichur . .	Pressure . .	4, 6, 7 end 9	*For* "28·646, 29·937, 28·738 and 28·501" *read* "28·656, 29·947, 28·748 and 28·511" respectively.
xvi	Do. . .	B	Hanumkonda .	Elevation and pressure.	3 and 6	*For* "871 and 29·979" *read* "877 and 29·985" respectively.
xvi	Do. . .	B	Salem . .	Temperature of air	15 to 19, 22 and 24.	*For* "65·6, +1·9, 77·3, +1·3, 23·4, 59·4 and 32·6" *read* "65·0, +1·3, 77·0, +1·0, 24·0, 58·8 and 33·2", respectively.
xvi	Do. . .	B	Mangalore . .	Temperature of air	21	*Insert* "8th".
xvi	Do. . .	B	Masulipatam .	Ditto	12	*For* "72·0" *read* 71·6.
xviii	Do. . .	B	Mukteswar . .	Ditto	13, 14, 17, 18 and 19	*For* "55·8, +6·2, 45·6, +3·1 and 20·4" *read* "56·2†, +6·6, 45·9†, +3·3 and 20·8" respectively.
xviii	Do. . .	B	Darjiling . .	Station . . .	2	*For* "Darjeeling" *read* "Darjiling (*b*)".
xviii	Do. .	B	Do.	Pressure . .	4 to 8 and 11	*For* "22·987, —·032, 22·943, 23·154, 5th and ·328" *read* "22·979, —·028, 22·934, 23·088, 28th and ·262" respectively.
xviii	Do. . .	B	Mount Abu . .	Temperature of air	13, 14, 17, 18 and 19	*For* "65·8, —0·8, 58·2, —0·7 and 15·2" *read* "65·0, —1·6, 57·8, —1·1 and 14·4" respectively.
xviii	Do. . .	B	Kodaikanal . .	Pressure . .	7	*For* "22·87" *read* "22·870."
xviii	Do. . .	B	.....	Footnote . .	...	*Insert* "(1) mean of 22 days."
xix	Do. . .	B	Car Nicobar . .	Rainfall . .	53	*For* "7·15" *read* "7·20"
xix	Do. . .	B	Port Blair . .	Wind velocity .	36 and 38	*For* "5·8* and —0·7" *read* "6·5 and 0" respectively.
xix	Do. . .	B	Skardu . .	Rainfall . .	49	*For* "—1·00" *read* "+1·00."
xix	Do. . .	B	Cherat . . .	Wind direction .	26	*For* "1" *read* "16."
xix	Do. . .	B	Kailang . . .	Do.	26	*Insert* "1".
xix	Do. . .	B	Ootacamund . .	Rainfall . .	56	*For* "1·8" *read* "1·84".
xx	Do. . .	B	Gyantse . .	Pressure . .	4, 6 and 9 to 11.	*For* "17·013, 16·974, 16·806, 19th and ·296" *read* "17·020, 16·981, 16·940, 21st and ·162" respectively.
xx	Do. . .	B	Pharijong . .	Do. . .	4, 6, 7, 8 and 11.	*For* "15·688, 15·647, 15·838, 28th and ·286" *read* "15·693 (*m*), 15·652 (*m*), 15·823, 29th and 30th and ·271" respectively.
xx	Do. . .	B	.....	.....	...	*Insert* footnote "(*m*) mean of 25 days"
xx	Do. . .	B	Gangtok . .	Pressure . .	4 and 6	*For* "24·453 and 24·408" *read* "24·453† and 24·408†" respectively.
xx	Do. .	B	Kabul . .	Do. . .	7, 8 and 11	*For* "24·484, 23rd and ·446" *read* "24·554, 29th and ·516," respectively.
xx	Do. . .	B	Ispahan (*b*) . .	Station . .	2	*For* "Ispahan (*b*)" *read* "Ispahan (*b*)¶."
xx	Do. . .	B	Tehran (*b*) . .	Do. . .	...	*For* "Tehran (*b*)" *read* "Tehran (*b*)¶."
xx	Do. . .	B	Baghdad . .	Do. . .	...	*For* "Baghdad" *read* "Baghdad¶."
xx	Do. . .	B	Tehran (*b*) . .	Temperature of air	13 to 15, 17 to 20 and 24.	*For* "50·3‡, + 8·0, 31·0‡, 40·6, + 6·4, 19·3, 58·0 and 38·0" *read* "50·7, + 8·5, 31·0, 40·9, + 6·7, 19·7, 58·5 and 38·5" respectively.

Corrigenda in the India Monthly Weather Reviews for the year 1910.

TABLES A, B AND C.—*contd.*

Page.	Part.	Table	Meteorological Province or Station.	Heading.	Column No.	Correction.
xx	January 1910	B	...	Footnote	...	*Insert* "¶ 7 hrs. observations."
xxi	Do.	B	Minicoy	Cloud and rainfall	45 and 47	*Insert* "2·1 and 0" respectively.
xxi	Do.	B	Amini Divi	Hygrometry and cloud.	42, 44 and 46	*Insert* "0, —·034 and + 0·5" respectively.
xxi	Do.	B	Kashgar	Wind velocity	37	*Insert* 0·6
xxi	Do.	B	Meshed	Cloud	46	*Insert* —2·3.
xxi	Do.	B	Ispahan	Hygrometry and cloud.	42, 44 and 46	*Insert* "— 3, — ·013 and — 2·0" respectively.
xxi	Do.	B	Zanzibar	Ditto	42, 44 and 46	*Insert* "+ 1, — ·014 and + 1·0" respectively.
xxvi	Do.	C	Chumbi	Temperature of air.	3	*For* "23·9¶" *read* "23·9."
xxxi	February	A	Jaipur	Rainfall	53 and 54	*For* "0 and 0" *read* "0·18 and 0·18" respectively.
xxxii	Do.	A	Mount Abu	Temperature of air	10, 12, 18 and 19.	*For* "71·2, 15·1, 63·4 and + 2·4" *read* "70·9, 14·8, 63·2 and + 2·2" respectively.
xxxvi	Do.	B	Thayetmyo	Ditto	13, 14, 17 to 20 and 24.	*For* "91·1, —1·5, 73·9, —0·9, 34·4, 95·5, and 45·6" *read* "90·5, —2·1, 73·6, —1·1, 33·8, 94·9 and 45·0" respectively.
xxxvi	Do.	B	Cox's Bazar	Pressure	6	*For* "29·000?" *read* "29·900?".
xxxviii	Do.	B	Sambalpur	Temperature of air	13, 14, 17 to 20 and 24.	*For* "87·9, —0·1, 71·8, — 2·1, 32·1, 94·6 and 44·5" *read* "87·4, — 0·6, 71·5, — 2·3, 31·6, 94·1 and 44·0" respectively.
xxxviii	Do.	B	Chaibasa	Ditto	14, 16 and 18	*For* "+0·4, —3·6 and —1·6" *read* "+1·0, —2·5 and —0·7" respectively.
xxxviii	Do.	B	Purnea	Ditto	15 to 19, 22 and 24.	*For* "50·9, —0·1, 65·3, +0·3, 28·9, 43·7 and 43·8" *read* "51·6, +0·6, 65·6, +0·7, 28·2, 44·4 and 43·1" respectively.
xxxviii	Do.	B	Darbhanga	Ditto	[illegible] and 24.	*For* "50·8 —3·6, 65·6, —0·1, 29·5, 46·3 and 39·3" *read* "50·2, 4·2, 65·3, —0·3, 30·1, 45·7 and 39·9" respectively.
xxxviii	Do.	B	Gorakhpur	Ditto	12 and 19 to 22 and 24.	*For* "56·9, 48·8, —3·8, 64·4, —0·9, 31·2, 42·5 and 42·6" *read* "56·5, 50·2, —2·4, 65·1, —0·2, 29·8, 43·9 and 41·2" respectively.
xxxix	Do.	B	Chaibassa	Hygrometry	42	*For* "0" *read* "—4."
xlii	Do.	B	Karwar	Temperature	12 to 14, 17 to 20 and 24.	*For* "68·9, 87·2, +0·9, 76·5, —0·3, 21·3, 93·9, and 32·8" *read* "69·0, 86·7, +0·4, 76·2, —0·5, 20·8, 93·3 and 32·3" respectively.
xlii	Do.	B	Bijapur	Pressure	4 to 7 and 9	*For* "28·004, —·024, 29·931, 28·138 and 27·930" *read* "28·009, —·019, 29·936, 28·143 and 27·935" respectively.
xlii	Do.	B	Indore	Pressure	4 to 7 and 9	*For* "28·157, —·011, 29·997, 28·304 and 28·050" *read* "28·145, —·023, 29·985, 28·292 and 28·038" respectively.
xlii	Do.	B	Amraoti	Temperature of air	13	*For* "91·0" *read* "90·1."
xlii	Do.	B	Saugor	Ditto	15 to 19, 22 and 24.	*For* "57·0, +1·6, 70·1, +1·7, 26·0, 51·5 and 39·6" *read* "56·6, +1·2, 69·9, +1·5, 26·4, 51·1 and 40·0" respectively.
xlii	Do.	B	Seoni	Ditto	13, 14, 17 to 20 and 24.	*For* "84·6, + 0·8, 66·4P, —3·1P, 36·3P, 91·0 and 47·0" *read* "84·2, +0·4, 66·2P, —3·5P, 35·9P, 90·6 and 46·6" respectively.

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TABLES A, B AND C.—*contd.*

Page.	Part.	Table.	Meteorological Province or Station.	Heading.	Column No.	Correction.
xlii	February 1910 .	B	Chanda . . .	Temperature of air	12	*For* "64·1" *read* "63·8."
xliv	Do. . .	B	Nizamabad . .	Pressure . .	4 to 7 and 9	*For* "28·701, —·045, 29·936, 28·863 and 28·580" *read* "28·709, —·037, 29·944, 28·871 and 28·588" respectively.
xliv	Do. . .	B	Bidar . . .	Do. . .	4, 6, 7 and 9	*For* "27·729?, 29·849?, 27·845, and 27·594" *read* "27·829?, 29·949?, 27·945 and 27·694" respectively.
xliv	Do. . .	B	Raichur . .	Do. . .	4 to 7 and 9	*For* "28·612?, —·045?, 29·892?, 28·773 and 28·511" *read* "28·622, —·035, 29·902, 28·783 and 28·521" respectively.
xliv	Do. . .	B	Hanumkonda .	Elevation and pressure.	3 and 6	*For* "871 and 29·928" *read* "877 and 29·934" respectively
xliv	Do. . .	B	Salem . . .	Temperature of air	15 to 19, 22 and 24.	*For* "66·1, +0·6, 79·5, —0·1, 26·8, 59·4 and 38·6" *read* "65·5, 0, 79·2, —0·3, 27·4, 58·8 and 39·2" respectively.
xliv	Do. . .	B	Masulipatam .	Ditto .	12	*For* "74·2" *read* "73·8."
xlvi	Do. . .	B	Quetta . . .	Ditto .	15 to 19	*For* "30·4, —1·3, 44·0, +1·6 and 27·2" *read* "31·6, —0·1, 44·6, +2·2 and 26·0" respectively.
xlvi	Do. . .	B	Mount Abu . .	Ditto .	15 to 19	*For* "55·3, +1·7, 63·0, +1·8 and 15·4" *read* "56·1, +2·5, 63·4, +2·2 and 14·6" respectively.
xlvii	Do. . .	B	Port Blair . .	Wind velocity .	36 and 38	*For* "3·6* and —1·4" *read* "4·0 and —1·0" respectively.
xlix	Do. . .	B	Kashgar . .	Cloud . . .	46	*Insert* "+0·6".
xlix	Do. . .	B	Kabul . . .	Do. . . .	Do.	*For* "+0·01" *read* "+0·1".
xlix	Do. . .	B	Ispahan . .	Hygrometry and cloud.	44 and 46	*Insert* "—·039 and —0·2" respectively.
lviii	March . .	A	Udaipur . .	Pressure . .	4 to 7 and 9	*For* "28·012†, 27·906†, ·106, 27·958 and 29·802‡" *read* "28·018, 27·905, ·113, 27·956 and 29·806" respectively.
lviii	Do. . .	A	Hyderabad . .	Do. . . .	4, 5, 7, 8, 9	*For* "·227, ·092, ·155, —·040 and ·752" *read* "·231, ·096, ·159, —·036 and —·756" respectively.
lviii	Do. . .	A	Srinagar . .	Temperature of air	10, 12, 18 and 19.	*For* "55·1, 16·6, 45·6 and +0·5" *read* "55·3, 16·8 45·7 and +0·6" respectively.
lviii	Do. . .	A	. ...	Footnote . .	...	*Omit* † "mean of 30 days and ‡ mean of 29 days."
lix	Do. . .	A	Quetta . .	Vapour tension and humidity.	24, 27, 28, 29, 32 and 33.	*For* "·182**, ·180, —·028, 71**, 51 and —5" *read* "·176, ·178, —·030, 78, 54 and —1" respectively.
lix	Do. . .	A	.....	Footnote . .	...	*Omit* "** mean of 24 days."
lxi	Do. . .	A	Chakrata . .	Rainfall . .	53	*For* "0·36" *read* "0·46."
lxi	Do. . .	A	Zanzibar . .	Cloud . . .	34 to 37	*Insert* "6·0, 5·0, 5·5 and +0·2" respectively.
lxiv	Do. . .	B	Thayetmyo . .	Temperature of air	13, 14, 17 to 20 and 24.	*For* "94·1, —5·7, 79·6, —3·6, 29·1, 102·5, and 46·1" *read* "93·5, —6·3, 79·3, —3·9, 28·5, 101·9 and 45·5" respectively.
lxvi	Do. . .	B	Sambalpur . .	Ditto .	13, 14, 17 to 20 and 24.	*For* "97·2, +0·5, 81·2, —0·8, 32·0, 105·6 and 53·0" *read* "96·7, 0, 80·9, —1·1, 31·5, 105·1 and 52·5" respectively.
lxvi	Do. . .	B	Chaibasa . .	Ditto .	14, 16 and 18	*For* "+1·3, —1·9 and —0·3" *read* "+1·8, —1·1 and +0·3" respectively.
lxvi	Do. . .	B	Purnea . . .	Pressure . .	5	*For* "+·012" *read* "—·012."
lxvi	Do. . .	B	Do. . . .	Temperature of air	15 to 19, 22 and 24.	*For* "60·1, —0·3, 74·6, —0·5, 29·0, 49·2, and 51·3" *read* "60·8, +0·4, 74·9, —0·2, 28·3, 49·9 and 50·6" respectively,

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TABLES A, B AND C—*contd.*

Page.	Part.	Table.	Meteorological Province or Station.	Heading.	Column No.	Correction.
lxvi	March 1910 . .	B	Darbhanga . .	Temperature of air	15 to 19, 22 and 24.	*For* "60·7, —2·2, 75·2, —0·2, 29·0, 51·3 and 48·3" *read* "60·1, —2·8, 74·9, —0·5, 29·6, 50·7 and 48·9" respectively.
lxvi	Do. . .	B	Gorakhpur .	Ditto ,	12, 15 to 19, 22 and 24.	*For* "70·6, 59·3, —3·2, 75·3, —1·2, 32·0, 49·5 and 50·8" *read* "70·2, 60·7, —1·8, 76·0, —0·5, 30·6, 50·9 and 49·2" respectively.
lxvii	Do. . .	B	Chaibasa . .	Hygrometry . .	42	*For* "+8‡" *read* "+2‡."
lxviii	Do. . .	B	Udaipur . .	Temperature of air	13, 14, 17, 18 and 19.	*For* 91·3, +2·2, 76·1, +1·2 and 30·4" *read* "91·5, +2·4, 76·2, +1·3 and 30·6" respectively.
lxix	Do. . .	B	Ajmer . . .	Wind direction .	25	*Insert* "26."
lxx	Do. . .	B	Karwar . .	Temperature of air	12 to 14, 17 to 20 and 24.	*For* "75·1, 87·3, —0·5, 79·4, —0·9, 15·7, 90·3 and 28·3" *read* "75·2, 86·8, —1·0, 79·1, —1·2, 15·2, 89·8 and 27·8" respectively.
lxx	Do. . .	B	Bijapur . .	Pressure . .	4 to 7 and 9	*For* "27·963, —·024, 29·860, 28·045 and 27·888" *read* "27·968, —·019, 29·865, 28·050, and 27·893" respectively.
lxx	Do. . .	B	Indore . . .	Do. . . .	4, 6, 7 and 9	*For* "28·116, 29·916, 28·244 and 28·010" *read* "28·104, 29·904, 28·232 and 27·998" respectively
lxx	Do . .	B	Saugor . . .	Temperature of air	15 to 19, 22 and 24.	*For* "66·0, +1·5, 79·0, +0·7, 26·0, 55·0 and 46·6" *read* "65·6, +1·1, 78·8, +0·5, 26·4, 54·6 and 47·0" respectively.
lxx	Do. . .	B	Seoni . . .	Ditto .	13, 14, 17 to 20 and 24.	*For* "93·0, —0·2, 74·0, —4·3, 37·9, 103·0 and 60·0" *read* "92·6, —0·6, 73·8, —4·5, 37·5, 102·6 and 59·6" respectively.
lxx	Do. . .	B	Chanda . . .	Ditto .	12	*For* "77·1" *read* "76·8."
lxx	Do. . .	B	Nizamabad . .	Pressure . .	4 to 7 and 9	*For* "28·6432, 29·850, 28·756, and 28·545" *read* "28·651, —·055, 29·858, 28·764 and 28·553" respectively.
lxxii	Do. . .	B	Bidar . . .	Do . .	4 and 6 to 11	*Insert* "27·768, 29·861, 27·863, 5th, 27·674, 24th and ·189" respectively.
lxxii	Do. . .	B	Raichur . . .	Do. . .	4 to 7 and 9	*For* "28·567, —·039, 29·829, 28·658 and 28·479" *read* "28·577, —·029, 29·839, 28·668 and 28·489" respectively.
lxxii	Do. . .	B	Hyderabad (Deccan)	Do. . .	4 to 7 and 9	*For* "28·219, —·019, 29·868, 28·325, and 28·135" *read* "28·223, —·015, 29·872, 28·329, and 28·139" respectively.
lxxii	Do. . .	B	Hanumkonda. .	Elevation and Pressure.	3 and 6	*For* "871 and 29·855" *read* "877 and 29·861" respectively.
lxxii	Do. . .	B	Salem . . .	Temperature of air	15 to 19, 22 and 24.	*For* "71·0, +0·2, 84·7, 0, 27·4, 61·4, and 42·1," *read* "70·4, —0·4, 84·4, —0·3, 28·0, 60·8 and 42·7" respectively.
lxxii	Do. . .	B	Masulipatam . .	Ditto .	12	*For* "80·4" *read* "80·0."
lxxiii	Do. . .	B	Cuddapah . .	Rainfall . .	50	*Insert* "0".
lxxiv	Do. . .	B	Skardu . . .	Temperature of air	18	*For* "+ 1·3" *read* "—1·3".
lxxiv	Do. . .	B	Gilgit . . .	Pressure . .	6	*For* "24·074" *read* "25·074".

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TABLES A, B AND C—*contd.*

Page.	Part.	Table.	Meteorological Province or Station.	Heading.	Column No.	Correction.
lxxiv	March 1910	B	Quetta	Temperature of air	15 to 19 and 22 to 24.	*For* "37·2, —2·8, 49·2, —3·0, 24·1, 21·5, 22nd and 55·1" *read* "36·7,—3·3, 49·0,—3·3, 24·6, 19·5, 23rd and 57·1" respectively.
lxxiv	Do.	B	Parachinar	Pressure	4 and 6	*For* "24·442 and 24·409" *read* "24·439 and 24·406" respectively.
lxxv	Do.	B	Car Nicobar	Rainfall	47,50 and 53	*For* "5, 3·51 and 18·04" *read* "9,4·76 and 19·30" respectively.
lxxv	Do.	B	Port Blair	Wind velocity	36 and 38	*For* "3·6* and—0·6" *read* "4·0 and—0·2" respectively.
lxxvi	Do.	B	Gangtok	Pressure	4, 6 and 10	*For* "24·414, 24·369 and 20th and 21st" *read* "24·418, 24·373 and 21st" respectively.
lxxvi	Do.	B		Station	2	*For* "Baghda" *read* "Baghdad".
lxxvii	Do.	B	Amini Divi	Hygrometry and cloud.	42,44 and 46	*Insert* "—2,—·042 and—1·0" respectively.
lxxvii	Do.	B	Kashgar	Cloud and rainfall.	46 and 52	*Insert* "+1·3" and *for* "—0·38" *read* "+0·38" respectively.
lxxvii	Do.	B	Ispahan	Hygrometry and cloud.	42,44 and 46	*Insert* "—6,—·078 and—0·1" respectively.
lxxx	Do.	C	Kalat	Temperature of air	3	*For* "46·3*" *read* "45·9".
lxxx	Do.	C		Footnote	...	*Omit* "* uncorrected for scale error".
lxxxiii	Do.	C	Birjand	Rainfall	41	*For* "1·4" *read* "1·48".
lxxxvi	April	A	Hyderabad	Pressure	4,5,7, 8 and 9	*For* "·157, ·024, ·089,—·035 and ·661" *read* "·161, ·028, ·093,—·031 and ·665" respectively.
lxxxviii	Do.	A	Zanzibar	Temperature of air	14 and 15	*For* "74·2 and 15·6" *read* "72·2 and 17·6" respectively.
lxxxix	Do.	A	Mukteswar	Rainfall	53	*For* "0·31" *read* "0·37."
xci	Do.	B	Madras	Ditto	18, 19 and 20	*For* "1·07, 1·26 and —0·19" *read* "1·04, 1·21 and —0·14" respectively.
xcii	Do.	B	Thayetmyo	Pressure	4 to 6	*For* "29·709, —·036 and 29·772" *read* "29·717, —·028 and 29·780" respectively.
xcii	Do.	B	Thayetmyo	Temperature of air	13, 14, 17 to 20 and 24.	*For* "98·0, —5·0, 85·7, —3·7, 24·7, 102·0 and 35·1," *read* "97·4, —5·6, 85·4, —4·0, 24·1, 101·4 and 34·5" respectively.
xciv	Do.	B	Sambalpur	Ditto	13, 14 and 17 to 19.	*For* "105·7, +1·4, 90·2, +0·3 and 30·9," *read* "105·2, +0·9, 90·0, +0·1 and 30·4" respectively.
xciv	Do.	B	Chaibassa	Ditto	14, 16 and 18	*For* "+0·9, —1·1 and —0·1" *read* "+1·2, —0·5 and +0·3" respectively.
xciv	Do.	B	Purnea	Ditto	15 to 19, 22 and 24.	*For* "70·0, 0, 83·1, —0·4, 26·2, 63·2 and 39·3" *read* "70·7, +0·7, 83·4, —0·1, 25·5, 63·9, and 38·6" respectively.
xciv	Do.	B	Darbhanga	Ditto	Do.	*For* "69·8, —2·1, 84·2, +0·3, 28·9, 60·3, and 44·3," *read* "69·2, —2·7, 83·9, —0·1, 29·5, 59·7, and 44·9" respectively.
xciv	Do.	B	Gorakhpur	Ditto	12, 15 to 19, 22 and 24	*For* "81·1, 69·6, —2·8, 84·9, —1·5, 30·7, 59·5, and 47·6" *read* "80·7, 71·0, —1·4, 85·6, —0·7, 29·3, 60·9 and 46·2" respectively.

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TABLES A, B AND C.—*contd.*

Page.	Part.	Table.	Meteorological Province or Station.	Heading.	Column No.	Correction.
xcv	April 1910 . .	B	Chaibasa . .	Hygrometry .	42	*For* " +6" *read* " +3."
xcv	Do. . .	B	Patna . .	Wind direction .	33	*Insert* " 2".
xcv	Do. . .	B	Arrah . . .	Ditto .	...	*Insert* " 3 ".
xcvi	Do. . .	B	Cawnpore . .	Temperature of air	15 to 19, 22 and 24.	*For* "67·7, —4·6, 84·4, —2·9, 33·4, 60·0 and 49·2," *read* " 69·4, —2·9, 85·3, —2·0, 31·7, 61·7 and 47·5" respectively.
xcviii	Do. . .	B	Bombay . .	Ditto .	15 to 19 and 22 to 24.	*For* "77·0, —0·7, 83·5, +0·4, 13·0, 71·0, 5th and 21·5," *read* " 77·2, —0·5, 83·6, +0·5, 12·8, 75·0, 12th and 17·5" respectively.
xcviii	Do. . .	B	Karwar . .	Ditto .	12 to 14, 17 to 20 and 24.	*For* " 8·2, 89·7, —0·3, 83·5, —0·5, 12·5, 91·3 and 16·8" *read* " 81·3, 89·2, —0·8, 83·2, —0·7, 12·0, 90·8 and 16·3" respectively.
xcviii	Do. . .	B	Malegaon . .	Pressure . .	4 to 7 and 11	*For* " 28·431, — ·015, 29·800, 28·483 and ·102" *read* " 28·436, — ·011, 29·804, 28·490 and ·109" respectively.
xcviii	Do. . .	B	Sholapur . .	Temperature of air	13, 14 and 17 to 19.	*For* " 105·4, +0·6, 90·2, +0·1 and 30·3" *read* " 104·9, +0·1, 90·0, —0·1 and 29·8" respectively.
xcviii	Do. . .	B	Bijapur . .	Ditto .	Do. .	*For* " 103·7, +3·9, 89·7, +2·4 and 28·0" *read* "104·2, +4·4, 89·9, +2·7 and 28·5" respectively.
xcviii	Do. . .	B	Indore . . .	Pressure . .	4 to 6	*For* " 28·013, +·011 and 29·808" *read* " 28·040, +·008 and 29·805" respectively.
xcviii	Do. . .	B	Saugor . . .	Temperature of air.	15 to 19, 22 and 24.	*For* " 73·1, +0·3, 86·4, —0·7, 26·7, 64·5 and 41·1" *read* " 72·7, —0·1, 86·2, —0·3, 27·1, 64·1 and 41·5" respectively.
xcviii	Do. . .	B	Seoni . . .	Ditto .	13, 14, 17 to 20 and 24.	*For* " 101·1, 0, 81·3, —5·1 P, 39·5, 105·5 and 51·0" *read* " 100·7, —0·4, 81·1, —5·3 P, 39·1, 105·1 and 50·6" respectively.
xcviii	Do. . .	B	Chanda . . .	Ditto .	12	*For* " 87·9" *read* " 87·6."
c	Do. . .	B	Nizamabad . .	Pressure . .	4 to 7 and 9	*For* " 28·578, — ·031, 29·759, 28·629 and 28·529" *read* " 28·586, — ·023, 29·767, 28·630 and 28·537" respectively.
c	Do. . .	B	Bidar . . .	Do. . .	4, 6, 7 and 9	*For* " 27·6402, 29·7072, 27·752 and 27·604" *read* " 27·700, 29·765, 27·812 and 27·664" respectively.
c	Do. . .	B	Raichur . .	Do. . .	4, 6, 7 and 9	*For* " 28·532, — ·014, 29·775, 28·586 and 28·472" *read* " 28·542, — ·004, 29·785, 28·596 and 28·482" respectively.
c	Do. . .	B	Hyderabad (Deccan).	Do. . .	4 to 7 and 9	*For* " 28·157, — ·022, 29·773, 28·203 and 28·114" *read* " 28·161, — ·018, 29·777, 28·207 and 28·118" respectively.
c	Do. . .	B	Hanumkonda .	Elevation and pressure.	3 and 6	*For* " 871 and 29·776" *read* " 877 and 29·782" respectively.
c	Do. . .	B	Salem . . .	Temperature of air	15 to 19, 22 and 24.	*For* " 76·9, + 1·1, 89·5, + 1·2, 25·1, 69·4 and 36·6" *read* " 76·3, + 0·5, 89·2, + 0·9, 25·7, 68·8 and 37·2" respectively.
c	Do. . .	B	Masulipatam .	Ditto .	12	*For* " 85·5" *read* " 85·1."
cii	Do. . .	B	Mount Abu . .	Ditto .	15 to 19 and 22 to 24.	*For* " 65·5, — 3·6, 74·0, — 3·3, 17·1, 52·4, 15th and 37·8" *read* " 66·5, — 2·6, 74·5, — 2·9, 16·1, 58·9, 28th and 31·3" respectively.
ciii	Do. . .	B	Port Blair . .	Wind velocity .	36 and 38	*For* " 7·8* and + 3·0" *read* " 8·7 and + 3·9" respectively.

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TABLES A, B AND C—*contd.*

Page.	Part.	Table.	Meteorological Province or Station.	Heading.	Column No.	Correction.
ciii	April 1910 . .	B	Simla . . .	Rainfall . .	50, 52, 53 and 55.	*For* "1·07, — 0·63, 8·09 and — 2·62" *read* "1·11, — 0·59, 8·13 and — 2·58" respectively.
ciii	Do. . .	B	Kodaikanal . .	Do. . .	50, 52, 53 and 55.	*For* "4·09, — 0·41, 8·49, and — 7·48" *read* "4·10, — 0·40, 8·50 and — 7·47" respectively.
civ	Do. . .	B	Penang . . .	Temperature of air	13	*For* "80·9" *read* "90·9."
civ	Do. . .	B	Minicoy . .	Pressure . .	9	*For* "29·859" *read* "29·854."
civ	Do. . .	B	Do. . .	Temperature of air	12	*Omit* the figures.
civ	Do. . .	B	Pharijong . .	Pressure . .	4, 6, 7, 8 and 11.	*For* "15·744, 15·703, 15·805, 26th and ·160" *read* "15·743, 15·702, 15·804, 30th and ·159" respectively.
civ	Do. . .	B	Gangtok . .	Do. . .	4 and 6	*For* "24·419 and 24·374" *read* "24·410 and 24·365" respectively.
civ	Do. . .	B	Kashgar . .	Temperature of air	14, 16 and 18	*Insert* "— 4·8, — 1·8 and — 3·3" respectively.
cv	Do. . .	B	Minicoy . .	Cloud . . .	45 and 46	*For* "0·1 and — 4·3" *read* "4·3 and — 0·4" respectively.
cv	Do. . .	B	Ispahan . .	Hygrometry and cloud.	42, 44 and 46	*Insert* "— 5, — ·089 and — 1·9" respectively.
cix	Do. . .	C	Guntur . . .	Rainfall . .	41	*For* "0·84" *read* "0·84‡."
cix	Do. . .	C	Kalat . . .	Hygrometry . .	34	*Insert* "·232."
cx	Do. . .	C	Koweit . .	Temperature of air	4, 6, 8 & 10	*For* "82·1, 65·0, 73·6 and 17·1" *read* "82·4, 65·1, 73·7 and 17·3" respectively.
cx	Do. . .	C	Koweit . .	Wind direction .	24	*For* "20" *read* "21".
cxi	Do. . .	C	Koweit . .	Wind steadiness .	30	*For* "48" *read* "50".
cxi	Do. . .	C	Koweit . .	Station . . .	48	*For* "Koweit‡" *read* "Koweit".
cxi	Do. . .	C	.....	Footnote . .	...	*For* "¶Observations" *read* "¶Observations".
cxi	Do. . .	C	.....	Footnote . .	...	*Omit* "‡‡Observations of 29 days".
cxiv	May . . .	A	Udaipur . .	Temperature of air	14, 15 & 18	*For* "67·5, 38·8 and 89·8" *read* "68·7, 37·6 and 89·9" respectively.
cxiv	Do. . . .	A	Nagpur . .	Temperature of air	11, 12, 14, 15, 17, 18 & 19.	*For* "82·0, 27·0, 64·8, 48·4, 101·6, 94·4 and — 0·1" *read* "82·6†, 26·4, 71·8, 41·4, 105·0†, 94·7 † and + 0·2" respectively.
cxiv	Do. . . .	A	Hyderabad . .	Pressure . .	4, 5, 7, 8 & 9	*For* "·125, 27·997, ·062, + ·011 and ·634" *read* "·129 28·001, ·066, + ·015 and ·638" respectively.
cxv	Do. . . .	A	Udaipur . .	Vapour . .	24	*For* "·460" *read* "·459".
cxv	Do. . . .	A	Nagpur . .	Vapour and humidity.	24, 27, 28, 29, 32 & 33.	*For* "·405, ·406, — ·025, 39, 28 and 0" *read* "·398†, ·404, — ·027, 37†, 27 and — 1" respectively.
cxvi	Do. . . .	A	Minicoy . .	Pressure . .	9	*Omit* the figures "29·908".
cxx	Do. . . .	B	Victoria Point .	Elevation . .	3	*For* "123" *read* "97".

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TABLES A, B AND C.—*contd.*

Page.	Part.	Table.	Meteorological Province or Station.	Heading.	Column No.	Correction.
cxx	May 1910 . .	B	Thayetmyo . .	Temperature of air	13, 14, 17 to 20 & 24.	*For* "96·1, — 2·3, 86·4, — 1·7, 19·5, 105·5 and 33·1" *read* "95·5, — 2·9, 86·1, — 2·0, 18·9, 104·9 and 32·5" respectively.
cxx	Do. . . .	B	Bogra . . .	Temperature of air	12	*For* "80·2" *read* "79·6".
cxxi	Do. . . .	B	Diamond Island .	Wind velocity .	36 & 38	*For* "12·4 and + 4·6" *read* "12·0 and + 4·2" respectively.
cxxii	Do. . . .	B	Sambalpur . .	Temperature of air	13, 14, 17, 18 & 19.	*For* "106·3, — 0·1, 94·0, — 0·2 and 25·5" *read* "106·3, — 0·6, 93·8, — 0·4 and 25·0" respectively
cxxii	Do. . . .	B	Chaibasa . .	Ditto .	16 & 18	*For* "—2·3 and — 1·1" *read* "— 1·9 and — 0·9" respectively.
cxxii	Do. . . .	B	Purnea . .	Ditto .	15 to 19, 22 & 24.	*For* "73·6, — 0·6, 84·5, 0, 21·8, 65·7 and 35·8" *read* "74·3, + 0·1, 84·8, + 0·3, 21·1, 66·4 and 35·1" respectively.
cxxii	Do. . . .	B	Darbhanga . .	Ditto .	15 to 19, 22 & 24.	*For* "75·9, — 0·4, 86·4, + 0·5, 21·0, 66·8 and 36·8" *read* "75·3, — 1·0, 86·1, + 0·1, 21·6, 66·2 and 37·4" respectively.
cxxii	Do. . . .	B	Buxar . . .	Ditto .	17	*For* "91·7" *read* "91·6".
cxxii	Do. . . .	B	Gorakhpur . .	Ditto .	12, 15 to 19, 22 & 24.	*For* "83·7, 74·7, — 2·6, 87·9, — 1·3, 26·3, 63·5 and 45·1" *read* "83·3, 76·1, — 1·2, 88·6, — 0·6, 24·9 64·9 and 43·7" respectively
cxxiii	Do. . . .	B	Rankura . .	Wind direction .	29, 30 and 31	*For* "...., 1 and 3" *read* "1, 3 and ...," respectively.
cxxiii	Do. . . .	B	Chaibasa . .	Hygrometry . .	42	*For* "— 2" *read* "— 3."
cxxiv	Do. . . .	B	Cawnpore . .	Temperature of air	15 to 19, 22 and 24.	*For* "76·7, —3·9, 91·3, — 2·1, 29·3, 64·5 and 48·2" *read* "78·4, — 2·2, 92·2, — 1·2, 27·6, 66·2 and 46·5" respectively.
cxxiv	Do. . . .	B	Udaipur . .	Ditto .	22 to 24	*For* "69·3, 1st and 37·2" *read* "68·8, 7th and 37·7" respectively.
cxxv	Do. . . .	B	Jaipur . . .	Rainfall . .	56	*For* "0·0" *read* "0·06."
cxxvi	Do. . . .	B	Karwar . . .	Temperature af air	13, 14, 17, 18 and 19.	*For* "90·0, + 0·2, 84·5, — 0·2 and 10·9" *read* "89·5 — 0·3, 84·2, — 0·5 and 10·4" respectively.
cxxvi	Do. . . .	B	Malogaon . .	Pressure . .	4 to 7 and 9	*For* "28·405, +·025, 29·772, 28·478 and 28·339" *read* "28·412, +·032, 29·779, 28·465 and 28·336" respectively.
cxxvi	Do. . . .	B	Sholapur . .	Temperature of air	13, 14, 17, 18 and 19.	*For* "105·0, + 0·2, 91·9, + 1·2 and 26·3" *read* 104·5, — 0·3, 91·6, + 0·9 and 25·8" respectively.
cxxvi	Do. . . .	B	Bijapur . . .	Pressure . .	4 to 7 and 9	*For* "27·915, + ·019, 29·788, 27·969 and 27·862" *read* "27·920, + ·024, 29·793, 27·974 and 27·867" respectively.
cxxvi	Do. . . .	B	Neemuch . .	Temperature of air	15 to 19	*For* "77·1, 0 89·1, — 1·4 and 24·1" *read* "77·5, + 0·4, 89·3, — 1·2 and 23·7" respectively.
cxxvi	Do. . . .	B	Amraoti . . .	Ditto .	24	*For* "11·5" *read* "36·5."
cxxvi	Do. . . .	B	Saugor . . .	Pressure . .	4	*For* "28·943" *read* "27·943."
cxxvi	Do. . . .	B	Saugor . . .	Temperature of air	15 to 19, 22 and 24.	*For* "80·7, + 2·2, 92·9, + 1·1, 24·4, 74·5 and 34·6" *read* "80·3, + 1·8, 92·7, + 0·9, 24·8, 74·1 and 35·0" respectively.
cxxvi	Do. . . .	B	Seoni . . .	Ditto .	13, 14, 17 to 20 and 24.	*For* "104·8, + 0·9, 88·0, — 2·5?, 33·6, 109·5 and 48·0" *read* "104·4, + 0·5, 87·8, — 2·7?, 33·2, 109·1 and 47·6" respectively.
cxxvi	Do. . . .	B	Nagpur . . .	Ditto .	15, 16, 17 and 19.	*For* "82·5, + 0·6, 95·7 and 26·3" *read* "82·7†, + 0·8†, 95·7† and 26·1" respectively.

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TABLES A, B AND C.—*contd.*

Page.	Part.	Table.	Meteorological Province or Station.	Heading.	Column No.	Correction.
cxxvi	May 1910 . .	B	Chanda . . .	Temperature of air	12	*For* "92·7" *read* "92·4."
cxxvi	Do. . . .	B	Jagdalpur . .	Pressure . .	4 and 6	*For* "27·956 and 29·654" *read* "27·966 and 29·685" respectively.
cxxvi	Do. . . .	B	.....	Footnote . .	...	*Reject* "mean of 25 days."
cxxvii	Do. . . .	B	Nagpur . . .	Rainfall . . .	50	*For* "1·29" *read* "1·39."
cxxviii	Do. . . .	B	Nizamabad . .	Pressure . .	4 to 7 and 9	*For* "28·542,—·020?, 29·719, 28·635 and 28·445" *read* "28·5[illegible],—·012, 29·727, 28·643 and 28·453" respectively.
cxxviii	Do. . .	B	Bidar . . .	Do. . .	4, 6, 7 and 9	*For* "27·612 ?, 29·711 ?, 27·746 and 27·567" *read* "27·682, 29·751, 27·786 and 27·607" respectively.
cxxviii	Do. . .	B	Raichur . . .	Do. . .	4 to 7 and 9	*For* "28·532, +·029, 29·780, 28·600 and 28·475" *read* "28·542, +·039, 29·790, 28·610 and 28·485" respectively.
cxxviii	Do. . .	B	Hyderabad (Deccan)	Do. . .	Do.	*For* "28·130 +·020, 29·740, 28·233 and 28·041 *read* "28·134, +·024, 29·744, 28·237 and 28·045 respectively.
cxxviii	Do. . .	B	Hanumkonda .	Elevation and pressure.	3 and 6	*For* "871 and 29·704" *read* "877 and 29·710" respectively.
cxxviii	Do. . .	B	Salem . . .	Temperature of air	15 to 19, 22 and 24.	*For* "77·5, +1·6, 89·2, +1·7, 23·4, 71·4 and 33·1" *read* "76·9, +1·0, 88·9, +1·3, 24·0, 70·8 and 33·7" respectively.
cxxviii	Do. . .	B	Masulipatam .	Ditto .	12	*For* "90·6" *read* "90·2."
cxxix	Do. . .	B	Mangalore . .	Rainfall . .	56	*For* "0·5" *read* "0·05."
cxxxii	Do. . .	B	Gangtok . .	Pressure . .	4, 6, 7, 9 and 11.	*Insert* "?" after the figures in each column.
cxxxii	Do. . .	B	Busrah . . .	Do. . .	5	*Reject* the figures.
cxxxii	Do. . .	B	Kerman . . .	Station . . .	2	*For* "Kerman (*d*)" *read* "Kerman."
cxxxii	Do. . .	B	Do. . . .	Temperature of air	12, 13, 15, 17 and 19.	*For* "69·2, 89·5, 53·6, 71·6 and 35·9" *read* "69·3, 89·6, 5[illegible]·5, 71·5 and 36·1" respectively.
cxxxii	Do. . .	B	Zanzibar . .	Ditto .	14	*For* "—0·" *read* "—0·8."
cxxxii	Do. . .	B	.....	Footnote . .	...	*Omit* "(*d*) observations of 30 days."
cxxxiii	Do. . .	B	Kerman . . .	Wind direction .	26, 27, 31, 33 and 34.	*For* "7, 6, 4, 5 and N·6°W" *read* "8, 7, 5, 6 and N10°W" respectively.
xxxiii	Do. . .	B	Do. . . .	Wind steadiness .	39	*For* "33" *read* "36."
cxxxiii	Do. . .	B	Do. . . .	Hygrometry .	43	*For* "·252" *read* "·250."
cxxxiii	Do. . .	B	Do. . . .	Station . . .	57	*For* "Kerman§" *read* "Kerman."
cxxxiii	Do. . .	B	.....	Footnote . .	...	*Omit* "§ Wind observations less 3."
cxxxvi	Do. . .	C	Jammu . . .	No. of subdivision.	1	*Insert* "14."
cxxxix	Do. . .	C	Poo . . .	Rainfall . .	43 and 46	*For* "—0·37 and —0·37" *read* "+0·37 and +0·37" respectively.

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TABLES A, B AND C—*contd.*

Page.	Part.	Table.	Meteorological Province or Station	Heading.	Column No.	Correction.
cxliv	June 1910 . .	A	Tachmarhi . .	Temperature of air	10 and 12	*For* "85·0 and 14·1" *read* "85·1 and 14·2" respectively.
cxlv	Do. . . .	A	Do. . .	Rainfall .	53	*For* "8·54" *read* "8·97".
cxlviii	Do. . . .	B	Victoria Point. .	Elevation . .	3	*For* "123" *read* "97".
cxlviii	Do. . . .	B	Thayetmyo . .	Temperature of air	13, 14, 17 to 20 and 24.	*For* "91·5, +0·1, 84·3, +0·1, 14·5, 94·5 and 19·6" *read* "90·9, −0·5, 84·0, −0·1, 13·9, 93·9 and 19·" respectively
cxlviii	Do. . . .	B	Lashio . .	Pressure . .	6	*For* "29·686" *read* "29·938."
cxlviii	Do. . . .	B	Sagra . . .	Temperature of air	12	*For* "82·8" *read* "82·2."
cxlix	Do. . . .	B	Diamond Island .	Wind velocity .	36 and 38	*For* "12·7 and +3·1" *read* "12·2 and +2·6 respectively.
cl	Do. . . .	B	Sambalpur . .	Temperature of air	13, 14, 17, 18 and 19.	*For* "96·2, −1·1, 88·4, −0·6 and 15·6" *read* "95·7, −1·6, 88·1, −0·9 and 15·1" respectively.
cl	Do. . . .	B	Chaibasa . .	Ditto .	14 and 16	*For* "−2·3 and −1·4" *read* "−2·6 and −1·3" respectively.
cl	Do. . . .	B	Purnea . . .	Ditto .	15 to 19, 22 and 24.	*For* "77·0, −0·3, 83·3, −1·5, 12·5, 72·2 and 26·3" *read* "77·7, +0·4, 83·6, −1·1, 11·8, 72·9 and 25·6" respectively.
cl	Do. . . .	B	Darbhanga .	Ditto .	15 to 19, 22 and 24.	*For* "78·6, −0·6, 85·3, −0·5, 13·5, 75·3 and 26·8" *read* "78·0, −1·2, 85·0, −0·7, 14·1, 74·7 and 27·4" respectively.
cl	Do. . . .	B	Gorakhpur . .	Ditto .	12, 15 to 19, 22 and 24.	*For* "83·5, 76·7, −3·0, 84·2, −4·1, 50·, 71·5 and 30·1" *read* "83·1, 78·1, −1·6, 84·9, −3·4, 13·6, 72·9 and 28·7" respectively.
cli	Do. . . .	B	Chaibasa . .	Hygrometry . .	42	*For* "+5" *read* "+6".
clii	Do. . . .	B	Jaipur . . .	Temperature of air	15, 16, 18, 19, 22, 23 and 24.	*For* "80·5, −0·6, −0·2, 22·2, 71·6 6th and 10·6" *read* "80·7, −0·4, −0·3, 22·0, 74·1, 16th and 38·1" respectively.
cliii	Do. . . .	B	Bhuj . . .	Wind direction .	26	*Insert* "1".
cliv	Do. . . .	B	Karwar . . .	Temperature of air	13, 14, 17, 18 and 19.	*For* "84·4, −0·9, 79·5, −1·1 and 9·7" *read* "83·9, −1·4, 79·2, −1·4 and 9·2" respectively
cliv	Do. . . .	B	Malegaon . .	Pressure . .	4 to 7 and 9	*For* "28·253, −·022, 29·628, 28·410 and 28·065" *read* "28·260, −·015, 29·635, 28·417 and 28·072" respectively.
cliv	Do. . . .	B	Sholapur . .	Temperature of air	13, 14, 17, 18 and 19.	*For* "94·1, −0·7, 84·4, +0·4 and 19·4" *read* "93·6, −1·2, 84·1, +0·1 and 18·9" respectively.
cliv	Do. . . .	B	Bijapur . .	Pressure . .	4 to 7 and 9	*For* "27·795, −·017, 29·683, 27·909 and 27·615" *read* "27·800, −·012, 29·688, 27·914 and 27·620" respectively.
cliv	Do. . . .	B	Neemuch . .	Temperature of air	15 to 19, 22 and 24.	*For* "72·4, −4·9, 83·6, −4·3, 22·3, 60·8 and 42·2" *read* "73·3, −4·0, 84·0, −3·8, 21·4, 61·7 and 41·3" respectively.
cliv	Do. . . .	B	Saugor . . .	Ditto .	15 to 19, 22 and 24.	*For* "76·7, −0·9, 86·0, −1·7, 18·7, 70·5 and 32·1" *read* "76·3, −1·3, 85·8, −1·9, 19·1, 70·1 and 32·5" respectively.
cliv	Do. . . .	B	Seoni . . .	Ditto .	13, 14, 17 to 20 and 24.	*For* "91·6, −2·6, 82·3, −2·5, 18·55, 104·0 and 35·5" *read* "91·2, −3·0, 82·1, −2·7, 18·1, 103·6 and 35·1" respectively.
cliv	Do. . .	B	Chanda . . .	Ditto .	12	*For* "83·2" *read* "82·9."
cliv	Do. . .	B	Nizamabad . .	Pressure . .	4 to 7 and 9.	*For* "28·429, −·057?, 29·621, 28·518, and 28·271" *read* "28·437, −·049, 29·629, 28·526 and 28·279" respectively.
clv	Do. . .	B	Malegaon . .	Wind velocity .	37	*For* "11·0" *read* "14·0".

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TABLES A, B AND C.—*contd.*

Page.	Part.	Table.	Meteorological Province or Station.	Heading.	Column No.	Correction.
clvi	June 1910 . .	B	Bidar . . .	Pressure . .	4, 6, 7 and 9	*For* "27·540, 29·631, 27·623 and 27·360" *read* "27·570, 29·661, 27·653 and 27·390" respectively.
clvi	Do. . .	B	Raichur . . .	Do. . .	4 to 7 and 9	*For* "8·430, —·009, 29·685, 28·532 and 28·265" *read* "28·440, +·001, 29·695, 28·542 and 28·275" respectively.
clvi	Do. . .	B	Hyderabad (Deccan).	Do. . .	4 to 7 and 9	*For* "28·025, — 013, 29·653, 28·126 and 27·869" *read* "28·029, —·009, 29·657, 28·130 and 27·873" respectively.
clvi	Do. . .	B	Hanamkonda .	Elevation and pressure.	3 and 6	*For* "871 and 29·613" *read* "877 and 29·619" respectively.
clvi	Do. . .	B	Salem . . .	Temperature of air	15 to 19, 22 and 24.	*For* "75·1, + 0·9, 84·5, — 0·1, 18·9, 70·4 and 30·6" *read* "74·5, + 0·3, 84·2, — 0·5, 19·5, 69·8 and 31·2" respectively.
clvi	Do. . .	B	Masulipatam. .	Ditto	12	*For* "85·1" *read* "84·7."
clviii	Do. . .	B	Leh . . .	Ditto	15 to 19, 22 and 24.	*For* "45·2, + 0·6, 59·1, + 0·3, 27·9, 37·5 and 43·6" *read* "45·3, + 0·7, 59·2, + 0·4, 27·8, 40·0 and 41·1" respectively.
clviii	Do. . .	B	Parachinar . .	Pressure . .	4 and 6	*For* "24·00 and 24·267" *read* "24·302 and 24·269" respectively.
clviii	Do. . .	B	Sarain . . .	Do. . .	4, 6, 7, 8 and 11.	*For* "23·051, 23·013, 23·129, 4th and ·138" *read* "23·048, 23·010, 23·103, 27th and ·112" respectively.
clix	Do. . .	B	Chakrata . .	Rainfall . .	50, 52, 53 and 55	*For* "12·55 + 3·78, 16·20 and + 5·09" *read* "12·58, + 3·81, 16·23 and + 5·03" respectively.
clix	Do. . .	B	Darjiling . .	Do. . .	...	*For* "17·0, — 6·27, 23·31 and — 9·24" *read* "17·52, — 6·25, 23·33 and — 9·22" respectively.
clix	Do. . .	B	Kodaikanal . .	Do. . .	50, 52, 53, 55 and 56.	*For* "9·21, + 5·72, 15·50, + 6·39 and 1·49" *read* "8·57, + 5·08, 14·86, + 5·75 and 1·41" respectively.
clx	Do. . .	B	Gyantse . . .	Pressure . .	4, 6, 7, 8 and 11.	*For* "17·0[illegible], 16·964, 17·107, 26th and ·153" *read* "17·0[illegible], 16·962, 17·059, 14th and ·105" respectively.
clx	Do. . .	B	Gangtok . .	Do. . .	7 to 11	*For* "24·477, 1st, 24·222, 14th and ·255" *read* "24·376, 18th, 24·258, 5th and ·118" respectively.
clx	Do. . .	B	Kabul . . .	Do. . . .	4 and 6	*For* "24·128 and 24·097" *read* "24·133 and 24·102" respectively.
clxx	July . . .	A	Hyderabad . .	Do. . . .	4, 5, 7, 8 and 9	*For* "·062, 27·962, ·017, + ·021 and ·631" *read* "·066 27·966, ·021, + ·025 and ·635" respectively.
clxxi	Do. . .	A	Lahore . . .	Vapour . . .	26	*For* "·89" *read* "·898.
clxxii	Do. . .	A	Zanzibar . .	Wet bulb . .	20	*For* "7·0" *read* "67·0."
clxxv	Do. . .	B	Punjab . .	Rainfall . .	18 and 20	*For* "4·93 and — 0·90" *read* "4·94 and — 0·89" respectively.
clxxvi	Do. . .	B	Victoria Point .	Elevation . .	3	*For* "123" *read* "97."
clxxvii	Do. . .	B	Diamond Island .	Wind velocity .	36 and 38	*For* "11·5 and + 1·0" *read* "11·0 and + 0·5" respectively.
clxxviii	Do. . .	B	Sambalpur . .	Temperature of air	13, 14, 17, 18 and 19.	*For* "83·4, + 0·9, 82·6, + 0·2 and 11·6" *read* "87·9 + 0·4, 82·3, — 0·1 and 11·1" respectively.
clxxviii	Do. . .	B	Chaibasa . .	Ditto	14, 16 and 18	*For* "+ 0·3, — 1·1 and — 0·4" *read* "—0·1, —1·3 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.
clxxviii	July 1910 . .	B	Purnea . .	Temperature of air	15 to 19, 22 and 24.	*For* "77·4, — 1·3, 82·4, — 2·0, 9·9, 74·7 and 17·8" *read* "78·1, — 0·6, 82·7, —1·7, 9·2, 75·4 and 17·1" respectively.
clxxviii	Do. . .	B	Darbhanga . .	Ditto	15 to 19, 22 and 24.	*For* "78·3, — 1·5, 83·3, — 1·3, 10·0, 75·3 and 18·8" *read* "77·7, — 2·1, 83·0, — 1·7, 10·6, 74·7 and 19·4" respectively.
clxxviii	Do. . .	B	Gorakhpur . .	Ditto	12, 15 to 19, 22 and 24.	*For* "82·1, 76·8, — 2·6, 83·1, — 2·2, 12·5, 73·5 and 23·6" *read* "81·7, 78·2, — 1·2 83·8, — 1·5, 11·1, 74·9 and 22·2" respectively.
clxxix	Do. . .	B	Chaibasa . .	Hygrometry . .	42	*For* "— 3" *read* "— 1."
clxxx	Do. . .	B	Patiala . .	Temperature of air	13	*For* "97·9" *read* "93·9."
clxxxii	Do. . .	B	Karwar . .	Ditto	13, 14, 17, 18 and 19.	*For* "83·3, + 0·3, 79·2, + 0·1 and 8·3" *read* "82·8, — 0·2, 78·9 — 0·1 and 7·8" respectively.
clxxxii	Do. . .	B	Malegaon . .	Pressure . .	4 to 7 and 9	*For* "28·295, + ·041, 29·678, 28·439 and 28·103" *read* "28·302, + ·048, 29·685, 28·446 and 28·110" respectively.
clxxxii	Do. . .	B	Sholapur . .	Temperature of air	13, 14, 17, 18 and 19.	*For* "90·0, + 0·5 81·4 + 0·9, and 17·1" *read* "89·5 0, 81·1, + 0·6 and 16·6" respectively.
clxxxii	Do. . .	B	Bijapur . .	Pressure . .	4 to 7 and 9	*For* "27·831, + ·010, 29·726, 27·640 and 27·683" *read* "27·836, + ·015, 29·731, 27·645 and 27·688" respectively
clxxxii	Do. . .	B	Neemuch . .	Temperature of air	15 to 19, 22 and 24.	*For* "70·1‖, — 3·6‖, 79·3‖, — 2·3, 16·4, 57·8 and 34·2" *read* "71·0‖, 2·7‖, 79·8‖, —1·8, 15·5, 58·7 and 33·3" respectively.
clxxxii	Do. . .	B	Saugor . .	Ditto	15 to 19, 22 and 24.	*For* "73·7, — 0·2, 80·2, + 0·7, 13·0, 67·5 and 23·6" *read* "73·3, — 0·6, 80·0, + 0·5, 13·4, 67·1 and 27·0" respectively.
clxxxii	Do. . .	B	Seoni . .	Ditto	13, 14, 17 to 20 and 24.	*For* "84·6, + 0·8, 77·6 — 0·6, 14·0 91·0 and 25·5" *read* "84·2, + 0·4, 77·4, — 0·8, 13·6, 90·6 and 25·1" respectively.
clxxxii	Do. . .	B	Chanda . .	Ditto	12	*For* "80·7" *read* "80·4."
clxxxiii	Do. . .	B	Veraval . .	Rainfall . .	49	*For* "— 10·90" *read* "— 6·90."
clxxxiv	Do. . .	B	Nizamabad . .	Pressure . .	4 to 7 and 9	*For* "28·478 + ·047, 29·681 28·606 and 28·293" *read* "28·486, + ·055, 29·688, 28·614 and 28·306" respectively.
clxxxiv	Do. . .	B	Bidar . .	Do. . .	4, 6, 7 and 9	*For* "27·539?, 29,6·92, 27·651 and 27·392" *read* "27·609, 29·709, 27·721 and 27·462" respectively.
clxxxiv	Do. . .	B	Raichur . .	Do. . .	4 to 7 and 9	*For* "28·467, + ·013, 29·729, 28·570 and 28·352" *read* "28·477, + ·023, 29·739, 28·580 and 28·362" respectively
clxxxiv	Do. . .	B	Hyderabad (Deccan)	Do. . .	4 to 7 and 9	*For* "28·030, + ·018, 29·697, 28·159 and 27·914" *read* "28·064, + ·022, 29·701, 28·163 and 27·918 respectively.
clxxxiv	Do. . .	B	Mangalore . .	Temperature of air	15 to 19, 22 and 24.	*For* "70·7, — 2·0, 77·3, — 0·9, 13·2, 67·8 and 22·0" *read* "72·9, + 0·2, 78·4, + 0·1, 11·0, 70·0 and 19·8" respectively.
clxxxiv	Do. . .	B	Madura . .	Ditto	15 to 19, 22 and 24.	*For* "74·2, — 2·2, 84·3, — 2·5 20·2, 67·1 and 32·3" *read* "75·2, — 1·2, 84·8, — 2·0, 19·2, 68·1 and 31·3" respectively.
clxxxiv	Do. . .	B	Salem . . .	Ditto	15 to 19, 22 and 24.	*For* "74·2, +1·2, 83·1, +0·1, 17·8, 71·4 and 26·6" *read* "73·6, +0·6, 82·8, — 0·3, 18·4, 70·8 and 27·2" respectively.
clxxxiv	Do. . .	B	Masulipatam .	Ditto	12	*For* "82·8" *read* "82·4.".
clxxxv	Do. . .	B	Cocanada . .	Rainfall . .	50	*For* "3·47" *read* "7·43".

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TABLES A, B and C—*contd.*

Page.	Part.	Table	Meteorological Province or Station.	Heading.	Column No.	Correction.
clxxxvi	July 1910 . .	B	Parachinar . .	Pressure . .	4, 6, 7, 8 and 11.	*For* "24·286, 24·253, 24·402, 9th and ·213" *read* "24·291, 24·258, 24·422 22nd and ·233" respectively.
clxxxvi	Do. . .	B	Cherrapunji .	Station . .	2	*For* "Cherra Poonjee" *read* "Cherrapunji".
clxxxvi	Do. . .	B	Cherrapunji .	Pressure . .	4, 6 and 8	*For* "25·184, 25·435, 5th and 11th" *read* "25·477, 25·427 and 5th" respectively.
clxxxvi	Do. . .	B	Cherrapunji .	Temperature of air	15, 17 and 23	*For* "63·4, 67·4 and 13th and 16th" *read* "63·4 ¶, 68·7‖ and 13th" respectively.
clxxxvi	Do . .	B	.....	Foot note . .	...	*Insert* "¶ mean of 14 days".
clxxxvii	Do. . .	B	Cherrapunji .	Rainfall . .	50, 52, 53, 55 and 56.	*For* "127·22, + 31·52, 267·25, + 19·06 and 30·25" *read* "156·90, + 60·20, 296·93, + 48·74" and 33·00" respectively.
clxxxvii	Do. . .	B	Cherrapunji .	Station , .	57	*For* "Cherra Poonjee" *read* "Cherrapunji".
clxxxviii	Do. . .	B	Gangtok . .	Pressure . .	4 and 6	*For* "24·288 and 24·243," *read* "24·292 and 24·247" respectively.
clxxxix	Do. . .	B	Meshed . .	Cloud . . .	46	*Insert* "— 0·5".
clxxxix	Do. . .	B	Bahrein . .	Wind direction .	26	*For* "¼" *read* "4".
cxcviii	August . . .	A	Hyderabad . .	Pressure . .	4, 5, 7, 8 and 9.	*For* "·056, 27·952, ·010, — ·021 and ·629" *read* "·060, 27·956, ·014, — ·017 and 633" respectively.
cxcix	Do. . .	A	Quetta . . .	Humidity . .	29	*For* "76" *read* "75".
cc	Do. . .	A	Chakrata . .	Temperature of air	10, 13, 15, 18 and 19.	*For* "69·‖ 73·3, 16·6, 63·7 ‖ and 0" *read* "69·3 (a), 72·3, 15·6, 63·6‖ and — 0·1" respectively.
cc	Do. . .	A	Darjiling . .	Ditto .	10, 12, 13, 15, 18 and 19.	*For* "67·7, 9 9, 78·1, 24·2, 62·2, and + 1·3" *read* "67·4, 9 6, 72·3, 18 4, 62 1 and + 1·2" respectively.
cc	Do. . .	A	Zanzibar . .	Ditto .	17	*For* "79" *read* "79 6".
cc	Do. . .	A	Seychelles . .	Ditto .	16	*For* "78·" *read* "78·5".
cc	Do. . .	A	.....	Footnote . .	...	*Insert* "‖ mean of 19 days."
cc	Do. . .	A	.....	Ditto . .	...	*Insert* "(a) mean of 21 days".
cci	Do. . .	A	Chakrata . .	Rainfall . .	53 and 54	*For* "14·14 and 3·69" *read* "24·11 and 3·82" respectively
cci	Do. . .	A	Darjiling . .	Do. . .	53	*For* "21 99" *read* "22·01."
cciii	Do. . .	B	Burma . .	Do. . .	18	*For* "15·95" *read* "15·93."
cciii	Do. . .	B	Punjab . .	Do. . .	18 and 20	*For* "8·31 and + 2·68" *read* "8·33 and + 2·70" respectively.
cciv	Do. . .	B	Victoria Point .	Elevation . .	3	*For* "1·3" *read* "97."
cciv	Do. . .	B	Narayanganj .	Temperature of air	15	*For* "·9" *read* "78·9."
cciv	Do. . .	B	Mymensingh . .	Ditto .	15	*For* "8·7" *read* "78·7."
cciv	Do. . .	B	Bogra . . .	Ditto .	12	*For* "82·6" *read* "82·0."
cciv	Do. . .	B	Dinajpur . .	Pressure . .	4 to 7 and 9	*For* "29·522, — ·006, 29·599, 29·740 and 29·345" *read* "29·520, — ·008, 29·597, 29·738 and 29·343" respectively.
ccv	Do. . .	B	Diamond Island .	Wind velocity .	36 and 38	*For* "12·1 and + 3·2" *read* "11·6 and + 2·7" respectively.

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TABLES A, B and C—*contd.*

Page.	Part.	Table.	Meteorological Province or Station.	Heading.	Column No.	Correction.
ccvi	August 1910 .	B	Sambalpur . .	Temperature of air	13, 14, 17 to 20 and 24.	*For* " 87·6, + 0·4, 82·3 + 0·1, 10·5, 92·6 and 19·0 " *read* " 87·1, — 0·1, 82 1, — 0·1, 10·0, 92·1 and 18·5 " respectively.
ccvi	Do. . .	B	Purnea . . .	Ditto .	15 to 19, 22 and 24.	*For* " 78·7, +0·3, 83·3, — 0·5, 9·3, 75·7 and 16·8 " *read* " 79·4, + 1·0, 83 6, — 0·1, 8·6, 76·4 and 16·1 " respectively.
ccvi	Do. . .	B	Darbhanga . .	Ditto .	15 to 19, 22 and 24.	*For* " 80·3, + 1·0, 84·9 + 1·1, 9·3, 73·7 and 20·8, " *read* " 79·7, + 0·4, 84·6, + 0·7, 9·9, 72·7 and 21·4 " respectively.
ccvi	Do. . .	B	Gorakhpur . .	Ditto .	12, 15 to 19, 22 and 24	*For* " 82·7, 76 7, — 2·1, 82·8, — 1·5, 12·2, 72·5 and 20·6 " *read* " 82·3, 78·1, — 0·7, 83·5, — 0·8, 10·8, 73·9 and 19·2 " respectively.
ccix	Do. . .	B	Sambhar . .	Wind velocity .	36	*For* " 5 " *read* " 5·4 ".
ccix	Do. . .	B	Udaipur . .	Rainfall . .	50, 52, 53 and 55.	*For* " 8·84, + 2 79, 23·60 and + 7·88 " *read* " 9·01, + 2·96, 23·77 and + 8·05 " respectively.
ccx	Do. . .	B	Veraval . .	Temperature of air	20	*For* " 4·6 " *read* " 84·6. "
ccx	Do. . .	B	Karwar . .	Ditto .	13, 14, 17, 18, and 19.	*For* " 82·7, + 0·2, 78·7, + 0·1 and 8·0 " *read* " 82·2, —0 3, 78· ,—0·1 and 7·5 " respectively.
ccx	Do. . .	B	Malegaon . .	Pressure . .	4 to 7 and 9	*For* " 28·281, — ·031, 29·652, 28·376 and 28·115 " *read* " 28·288, — ·024, 29·659, 28·383 and 28·122 " respectively.
ccx	Do. . .	B	Sholapur . .	Temperature of air	13, 14, 17, 18 and 19.	*For* " 88·9, + 0·1, 80·5, + 0·9 and 16·7 " *read* " 88·4, —0·4, 80·2, + 0·6 and 16·2 " respectively.
ccx	Do. . .	B	Bijapur . .	Pressure . .	4 to 7 and 9	*For* " 27·824, —·034, 29 692, 27·886 and 27·689 " *read* " 27·829, —·029, 29·697, 27·891 and 27·694 " respectively.
ccx	Do. . . .	B	Neemuch . .	Temperature of air	15 to 19, 22 and 24.	*For* " 72·3, — 0·2, 78·7, —0·1, 12·7, 69·8 and 23·2 " *read* " 73 2, + 0·7, 79·1, + 0·3, 11·8, 70·7 and 22·3 " respectively.
ccx	Do. . . .	B	Saugor . .	Ditto .	15 to 19, 22 and 24.	*For* " 72·9, + 0·1, 78·4, + 0·1, 10·9, 70·5 and 20·6 " *read* " 72·5, — 0 3, 78·2, — 0·1, 11·3, 70·1 and 21·0 " respectively.
ccx	Do. . . .	B	Seoni . .	Ditto .	13, 14, 17 to 20 and 24.	*For* " 82·3, —0·8, 76·7, —0·7, 11·2, 88·0 and 21·5 " *read* " 81·9, — 1·2, 76·5, — 0·9, 10·8, 87·6 and 21·1 " respectively.
ccx	Do. . . .	B	Nagpur . .	Ditto .	13, 14 and 17	*For* " 86·7, —0·3 and 80·5 " *read* " 86·6, —0·4 and 80·4 " respectively.
ccx	Do. . . .	B	Chanda . .	Ditto .	12	*For* " 78·8 " *read* " 78·5. "
ccxi	Do. . . .	B	Nagpur . .	Rainfall . .	50, 52, 53 and 55.	*For* " 12·29, + 1·23, 42·76 and + 7·80 " *read* " 12·28, + 1·22, 42·75 and + 7·79 " respectively.
ccxii	Do. . .	B	Nizamabad . .	Pressure . .	4 to 7 and 9	*For* " 28 470, —·004, 29·655, 28·560 and 28·314 " *read* " 28·478, + ·004, 29·663, 28·568 and 28 322 " respectively.
ccxii	Do. . .	B	Bidar . . .	Do. . .	4, 6, 7 and 9	*For* " 27·535 ?, 29·642 ?, 27·632, and 27·410 " *read* " 27·565, 29·672, 27·662 and 27·440 " respectively.
ccxii	Do. . .	B	Bidar . . .	Temperature of air	15, 17, 19 and 22 to 24.	*For* " 66·7*, 75·2*, 17·2, 56·5, 16th and 33·8 " *read* " 71·6*, and 78·5*, 12·3, 69·5, 24th and 20·8 " respectively.
ccxii	Do. . .	B	Raichur . .	Pressure . .	4 to 7 and 9	*For* " 28·455, —·031, 29·701, 28·516 and 28·333 " *read* " 28·465, — ·021, 29·711, 28·526 and 28·343 " respectively.
ccxii	Do. . .	B	Hyderabad (Deccan)	Temperature of air	15, 17, 19 and 22 to 24.	*For* " 23·054, — ·025, 29·670, 28·127 and 27·913 " *read* " 28·058, —·021, 29·674, 28·131 and 27·917 " respectively.

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TABLES A, B AND C—*contd.*

Page.	Part.	Table.	Meteorological Province or Station.	Heading.	Column No.	Correction.
ccxii	August 1910 . .	B	Mangalore . .	Temperature of air	15 to 19, 22 and 24.	*For* " 70·1 —3·0, 76·2, —2·1, 12·2, 68·3 and 17·0," *read* " 73·3 + 0·2, 77·8, —0·5, 9·0, 71·5 and 13·8" respectively.
ccxii	Do. . .	B	Madura . .	Ditto .	15 to 19, 22 and 24.	*For* " 73·6, — 2·2, 83·0, —3·1, 18·9, 69·6 and 28·8" *read* "74·6, - 1·2, 83·5, —2·7, 17·9, 70·6 and 27·8" respectively.
ccxii	Do. . .	B	Salem . . .	Ditto .	15 to 19, 22 and 24.	*For* " 73·2, + 0·7, 81·0, 1·3, 15·7, 70·4 and 22·1" *read* " 72·6, + 0·1, 80·7, —1·6, 16·3 69·8 and 22·7" respectively.
ccxii	Do. . .	B	Vellore . . .	Ditto .	12	*For* " 7·5" *read* " 78·5".
ccxii	Do. . .	B	Nellore . . .	Ditto .	23	*Insert* " 7th."
ccxii	Do. . .	B	Masulipatam . .	Ditto .	12	*For* " 82·3" *read* " 81·9."
ccxii	Do. . .	B	... . .	Footnote . .	...	*For* " * mean of 26 days" *read* " * mean of 9 days."
ccxiii	Do. . .	B	Bidar . .	Wind velocity .	36	*For* " 7·0" *read* " 3·4¶."
ccxiii	Do. . .	B	Trichinopoly .	Rainfall . .	50	*For* " ·16" *read* " 8·16."
ccxiii	Do. . .	B	... . .	Footnote . .	...	*Insert* " ¶ mean of 21 days."
ccxiv	Do. . .	B	Parachinar . .	Pressure . .	4 and 6	*For* " 24·318 and 24·285" *read* " 24·320 and 24·287" respectively.
ccxiv	Do. . .	B	Kalabagh . .	Do. . .	4 and 6	*For* " 20·093 and 20·055" *read* " 20·092 and 20·054" respectively.
ccxiv	Do. . .	B	Chakrata . .	Temperature of air	15 to 19 and 23.	*For* " 59·9, + 0·3, 64·4, + 0·3, 9·1 and 29th and 30th" *read* " 59·3, — 0·3, 64·2, 0, 9·7 and 29th" respectively.
ccxiv	Do. . .	B	Cherrapunji . .	Pressure and temperature of air.	4 to 24	*Reject* all the figures.
ccxiv	Do. . .	B	Ootacamund . .	Temperature of air	22 to 24	*For* " 50·2, 11th and 13th and 17·8" *read* " 49·7, 23rd and 17·8" respectively.
ccxv	Do. . .	B	Kalabagh . .	Rainfall . .	50 and 53	*For* " 22·62 and 44·31" *read* " 22·61 and 44·30" respectively.
ccxvi	Do. . .	B	Colombo . .	Pressure . .	6	*For* " 29·974" *read* " 29·794."
ccxvi	Do. . .	B	Amini Divi . .	Temperature of air	17	*For* " 30·4" *read* " 80·4."
ccxvi	Do. . .	B	Gangtok . .	Pressure . .	4 and 6	*For* " 24·290§ and 24·245§" *read* " 24·236§ and 24·241§" respectively.
ccxvi	Do. . .	B	Kerman . .	Temperature of air	17	*For* " 175·6" *read* " 75·6."
ccxvi	Do. . .	B	...	Footnote . .	...	*For* " § mean of 21 days" *read* " § mean of 20 days."
ccxvii	Do. . .	B	...	Do. . .	...	*For* " mean of 22 days" *read* " †† mean of 22 days."
ccxxii	Do. . .	C	Kalat . . .	Temperature of air	4 and 10	*For* " 90·0 and 32·4" *read* " 89·9 and 32·3" respectively.
ccxxiii	Do. . .	C	Ringim . . .	Rainfall . .	44	*For* " 48·78*" *read* " 48·78."
ccxxiii	Do. . .	C	Pishin . . .	Do. . .	39, 40, 42 and 43.	*For* " ..., ..., 00·8 and —0·08" *read* " 0·20, —0·20, 0·15 and —0·15" respectively.
ccxxiii	Do. . .	C	...	Footnote . .	...	*Omit* " *The rainfall for July not included."
ccxxvi	September . .	A	Hyderabad . .	Pressure . .	4, 5, 7, 8 and 9.	*For* " ·065, 27·957, ·018, —·067 and ·645" *read* " ·069, 27·961, ·022, —·063 and ·649" respectively.
ccxxviii	Do. . .	A	Chakrata . .	Temperature of air	11 and 12	*For* " 57·8 and 11·9" *read* " 57·9 and 11·8" respectively.
ccxxix	Do. . .	A	Do. . .	Rainfall . .	53	*For* " 11·33" *read* " 12·01."
ccxxxii	Do. . .	B	Akyab . . .	Temperature of air	18 and 19	*For* " —0·8 and 9·6" *read* " —0·7 and 8·7" respectively.

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TABLES A, B AND C—*contd.*

Page.	Part.	Table.	Meteorological Province or Station.	Heading.	Column No.	Correction.
ccxxxii	September 1910 .	B	Barisal . . .	Temperature of air	16	*For* " + 0·3 " *read* " — 0·3 ".
ccxxxii	Do. . .	B	Bogra . . .	Ditto . .	12	*For* " 83·1 " *read* " 82·5 ".
ccxxxii	Do. . .	B	Dinajpur . .	Pressure . .	4 to 7 and 9	*For* " 29·575, — ·066, 29·652, 29·742 and 29·378 " *read* " 29·568, — ·073, 29·645, 29·735 and 29·371 " respectively.
ccxxxiii	Do. . .	B	Diamond Island .	Wind velocity .	36 and 38	*For* " 9·2 and + 1·3 " *read* " 8·8 and + 0·9 " respectively.
ccxxxiii	Do. . .	B	Gauhati . .	Hygrometry . .	41	*Insert* " 87 ".
ccxxxiv	Do. . .	B	Sambalpur . .	Temperature of air	13 14, 17, 18 and 19.	*For* " 88·2, — 1·1, 82·9, — 0·5 and 10·7 " *read* " 87·7, — 1·6, 82·6, — 0·7 and 10·2 " respectively.
ccxxxiv	Do. . .	B	Purnea . .	Ditto . .	15 to 19, 22 and 24.	*For* " 77·9, + 0·5, 83·4, + 0·2, 10·9, 74·2 and 18·3 " *read* " 78·6, + 1·2, 83·7, + 0·5, 10·2, 74·9 and 17·6 " respectively.
ccxxxiv	Do. . .	B	Darbhanga . .	Ditto . .	15 to 19, 22 and 24.	*For* " 78·9, + 0·1, 84·0, + 0·5, 10·2, 75·8 and 17·8 " *read* " 78·3, — 0·5, 83·7, + 0·1, 10·8, 75·2 and 18·4 " respectively.
ccxxxiv	Do. . .	B	Motihari . .	Ditto . .	13 and 15	*For* " 89·7 and 78·7 " *read* " 89·7† and 78·7† " respectively.
ccxxxiv	Do. . .	B	Gorakhpur .	Ditto . .	12 15 to 19, 22 and 24.	*For* " 82·6, 77·4, — 0·3, 83·5, — 0·6, 12·2, 74·3 and 18·8 " *read* 82·2, 78·2, + 0·5, 83·9, — 0·2, 11·4 75·1 and 18·0 " respectively.
ccxxxv	Do. . .	B	Buxar . . .	Rainfall . .	50	*For* " 1·66 " *read* " 12·66 ".
ccxxxv	Do. . .	B	.....	Foot note . .	...	*For* " mean of 25 days " *read* " §mean of 25 days ".
ccxxxvi	Do. . .	B	Cawnpore . .	Temperature of air	15 to 19, 22 and 24.	*For* " 76·7, + 0·1, 84·0, — 0·5, 14·6, 73·5 and 22·7 *read* " 78·4, + 1·8, 84·9, + 0·3, 12·9, 75·2 and 21·0 " respectively.
ccxxxvi	Do. . .	B	Jaipur . . .	Ditto . .	15, 16, 18, 19, 22 and 24.	*For* " 74·6, + 1·0, — 0·1, 18·5, 70·1 and 28·1 " *read* " 74·7, + 1·1, 0, 18·4, 71·2 and 27·0 " respectively.
ccxxxvii	Do. . .	B	Rawalpindi . .	Wind direction .	27	*For* " 8 " *read* " 3 ".
cxxxvii	Do. . .	B	Montgomery . .	Do. . .	27	*Insert* " 1 ".
ccxxxviii	Do. . .	B	Karwar . .	Temperature of air	13, 14, 17, 18 and 19.	*For* " 80·8, — 1·9, 77·0, — 1·3 and 7·6 " *read* " 80·3, — 2·4, 76·7, — 1·5 and 7·1 " respectively.
cxxxviii	Do. . .	B	Malegaon . .	Pressure . .	4 to 7 and 9	*For* " 28·333, — 0·61, 29·709, 28·401 and 28·178 " *read* " 28·340, — 0·54, 29·716, 28·403 and 28·185 " respectively.
ccxxxviii	Do. . .	B	Sholapur . .	Temperature of air	13, 14, 17, 18 and 19.	*For* " 83·7, — 4·7, 77·0, — 2·3 and 13·3 " *read* " 83·2, — 5·2, 76·7, — 2·6 and 12·8 " respectively.
ccxxxviii	Do. . .	B	Bijapur . . .	Pressure . .	4 to 7 and 9	*For* " 27·847, — ·068, 29·726, 27·901 and 27·743 " *read* " 27·852, — ·063, 29·731, 27·906 and 27·748, " respectively.
ccxxxviii	Do. . .	B	Saugor . . .	Temperature of air	15 to 19, 22 and 24.	*For* " 72·6, + 1·1, 79·0, — 0·1, 12·8, 70·0 and 19·1 " *read* " 72·2, + 0·7, 78·8, — 0·3, 13·2, 69·6 and 19·5 " respectively.

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TABLES A, B AND C—*contd.*

Page.	Part.	Table.	Meteorological Province or Station.	Heading.	Column No.	Correction.
ccxxxviii	September 1910 .	B	Seon . . .	Temperature of air	13, 14, 17 to 20 and 24.	*For* "83·2, —2·4, 77·0, —1·1, 12·3 88·0 and 19·5" *read* "82·8, —2·8, 76·8, —1·3, 11·9, 87·6 and 19·1" respectively.
ccxxxviii	Do. . .	B	Chanda . . .	Ditto .	12	*For* "78·3" *read* "78·0".
ccxxxviii	Do. . .	B	Nizamabad . .	Pressure . .	4 to 7 and 9	*For* "28·485,—053?, 29·676, 28·546 and 28·401" *read* "28·493, —·045, 29·684, 28·554 and 28·409" respectively.
ccxxxix	Do. . .	B	Nagpu . . .	Rainfall . .	50, 52, 53 and 55.	*For* "10·39 +1·35, 53·14 and +9·14" *read* "10·53, +1·49, 53·28 and +9·28" respectively.
ccxl	Do. . .	B	Bidar . . .	Pressure . .	4, 6, 7 and 9	*For* "27·524 ?, 29·635 ?, 27·607 and 27·402" *read* "27·574, 29·685, 27·657 and 27·452" respectively.
ccxl	Do. . .	B	Raichur. . .	Do. . . .	4 to 7 and 9	*For* "28·471, —·064, 29·726, 28·528 and 28·377" *read* "28·481, —·054, 29·736, 28·538 and 28·387" respectively.
ccxl	Do. . .	B	Hyderabad (Deccan)	Do. . . .	4 to 7 and 9	*For* "28·061, —·079, 29·681, 28·114 and 27·989" *read* "28·065, —·075, 29·685, 28·118 and 27·993" respectively.
ccxl	Do. . .	B	Mangalore . .	Temperature of air	15 to 19, 22 and 24.	*For* "69·9, —3·7, 76·1, —2·7, 12·4, 67·8 and 18·5" *read* "73·1, —0·5, 77·7, —1·1, 9·2, 71·0 and 15·3" respectively.
ccxl	Do. . .	B	Madura . .	Ditto . .	15 to 19, 22 and 24.	*For* "73·5, —1·8, 83·1, —2·2, 19·2, 72·1 and 22·8" *read* "74·5, —0·8, 83·6, —1·7, 18·2, 73·1 and 21·8" respectively.
ccxl	Do. . .	B	Salem . . .	Ditto . .	15 to 19, 22 and 24.	*For* "73·1, +1·2, 81·8, +0·2, 17·4, 70·9 and 22·6" *read* "72·5, +0·6, 81·5, —0·1, 18·0, 70·3 and 23·2" respectively.
ccxl	Do. . .	B	Masulipatam . .	Pressure . .	12	*For* "81·3" *read* "80·9".
ccxlii	Do. .	B	Parachinar . .	Do. . .	4 and 6	*For* "24·395 and 24·362" *read* "24·399 and 24·366" respectively.
ccxlii	Do. . .	B	Chakrata . .	Temperature of air	15 to 19	*For* "58·0, +1·0, 64·0 +1·1 and 12·0" *read* "58·2, +1·2, 64·1, +1·3 and 11·8" respectively.
ccxlii	Do. . .	B	Cherrapunji .	Pressure and temperature of air.	4 to 24	*Reject* all the figures.
ccxliii	Do. . .	B	Quetta . . .	Hygrometry .	44	*For* "—·12" *read* "—·112".
ccxliii	Do. . .	B	Murree . . .	Do. . .	44	*For* "+·03" *read* "+·039".
ccxliii	Do. . .	B	Darjiling . .	Rainfall . .	50, 52, 53 and 55.	*For* "17·16, —1·79, 103·97 and —7·86, *read* "17·19, —1·76, 104·00 and —7·83" respectively.
ccxliv	Do. . .	B	Bahrein . .	Pressure . .	11	*For* "2·52" *read* "·252".
ccxlv	Do. . .	B	Minicoy . .	Cloud . . .	46	*Insert* "+0·3".
ccxlv	Do. . .	B	Kashgar . .	Hygrometry and cloud.	42, 44 and 46	*Insert* "+14, +·111 and —0·1" respectively.
ccxlv	Do. . .	B	Baghdad . .	Wind velocity .	36	*For* "·3" *read* "9·3".
ccl	Do. . .	C	Maidan . .	Temperature of air	6, 8 and 10	*For* "65·4, 86·3 and 41·9" *read* "65·7, 86·5 and 41·6" respectively.
ccliv	October . .	A	Hyderabad . .	Pressure . .	4, 5, 7, 8 and 9.	*For* "·211, ·102, ·159, —·017 and ·793" *read* "·215, ·106, ·163, —·013 and ·797" respectively.

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TABLES A, B AND C—*contd.*

Page.	Part.	Table.	Meteorological Province or Station.	Heading.	Column No.	Correction.
colvi	October 1910 .	A	Chakrata . .	Temperature of air	11, 12, 18 and 19.	*For* "50·4, 17·5, 59·1 and + 0·5" *read* "50·5, 17·4, 59·2 and + 0·6" respectively.
colvi	Do. . .	A	Pachmarhi . .	Ditto .	14 and 15	*For* "49·1 and 30·3" *read* "48·1 and 31·3" respectively.
colvii	Do. . .	A	Chakrata . .	Vapour and humidity.	24, 29, 32 and 33.	*For* "·276, 75, 69, and + 9" *read* "·275, 72, 68 and + 8" respectively.
colvii	Do. - .	A	Mount Abu . .	Rainfall . .	53 and 54	*For* "0 and 0" *read* "0·04 and 0·04" respectively.
colx	Do. . .	B	Bogra . .	Temperature of air	12	*For* "78·5" *read* "77·9".
colx	Do. . .	B	Dinajpur .	Pressure . .	4 to 7 and 9	*For* "29·783, — ·012, 29·862, 29·936 and 29·652" *read* "29·776, — ·019, 29·855, 29·929 and 29·645" respectively.
colxi	Do. . .	B	Rangoon . .	Rainfall . .	50, 52, 53, 55 and 56.	*For* "5·40, — 0·99, 91·22, — 0·58 and 0·97" *read* "6·00, — 0·39, 91·82, + 0·02 and 1·20" respectively.
colxi	Do. . .	B	Rangpur . .	Do. . .	56	*For* "22" *read* "3·22".
colxii	Do. . .	B	Sambalpur . .	Temperature of air	13, 14, 17, 18 and 19.	*For* "86·5, — 2·3, 80·2, — 0·1 and 12·6" *read* "86·0, — 2·8, 79·9, — 0·4 and 12·1" respectively.
colxii	Do. . .	B	Purnea . .	Ditto .	15 to 19, 22 and 24.	*For* "71·3, + 0·1, 79·0, — 0·3, 15·4, 61·2 and 30·8" *read* "72·0, + 0·8, 79·3, + 0·1, 15·7, 61·9 and 30·1" respectively.
colxii	Do. . .	B	Darbhanga . .	Ditto .	15 to 19, 22 and 24.	*For* "72·3, — 0·8, 79·8, — 0·1, 15·0, 63·8 and 28·8" *read* "71·7, — 1·4, 79·5, — 0·4, 15·6, 63·2 and 29·4" respectively.
colxii	Do. . .	B	Gorakhpur . .	Ditto .	12	*For* "77·3" *read* "76·9".
colxiv	Do. . .	B	Cawnpore . .	Ditto .	15 to 19, 22 and 24.	*For* "64·3, — 1·5, 77·0, — 1·7, 25·3, 56·0 and 37·2" *read* "66·0, + 0·2, 77·8, — 0·9, 23·6, 57·7 and 35·5" respectively.
colxvi	Do. . .	B	Karwar . .	Ditto .	13, 14, 17, 18 and 19.	*For* "84·6, — 0·8, 79·1, — 0·3 and 10·9" *read* "84·1, — 1·3, 78·8, — 0·5 and 10·4" respectively.
colxvi	Do. . .	B	Malegaon . .	Pressure . .	4 to 7 and 9	*For* "28·490, — ·018, 29·879, 28·587 and 28·238" *read* "28·497, — ·011, 29·886, 28·594 and 28·245" respectively.
colxvi	Do. . .	B	Sholapur . .	Temperature of air	13, 14, 17, 18 and 19.	*For* "88·7, — 1·2, 78·7, — 0·3 and 20·0" *read* "88·2, — 1·7, 78·4, — 0·5 and 19·5" respectively.
colxvi	Do. . .	B	Bijapur . .	Pressure . .	4 to 7 and 9	*For* "27·963, — ·017, 29·840, 28·040 and 27·787" *read* "27·968, — ·012, 29·845, 28·045 and 27·792" respectively.
colxvi	Do. . .	B	Seoni . . .	Temperature of air	13, 14, 17 to 20 and 24.	*For* "83·6, — 3·0, 74·0, — 1·4, 19·2, 86·5 and 36·0" *read* "83·2, — 3·4, 73·8, — 1·6, 18·8, 86·1 and 35·6" respectively.
colxviii	Do. . .	B	Nizamabad . .	Pressure . .	4 to 7 and 9	*For* "28·639, — ·015, 29·835, 28·743 and 28·417" *read* "28·647, — ·007, 29·843, 28·751 and 28·425" respectively.
colxviii	Do. . .	B	Bidar . . .	Do. . .	4, 6, 7 and 9	*For* "27·660 ?, 29·776 ?, 27·764 and 27·487" *read* "27·730, 29·846, 27·834 and 27·557" respectively.
colxviii	Do. . .	B	Hyderabad (Deccan)	Do. . .	4 to 7 and 9	*For* "28·205, — ·024, 29·882, 28·306 and 28·015" *read* "28·209, — ·020, 29·886, 28·310 and 28·019" respectively.
colxviii	Do. . .	B	Bangalore . .	Do. . .	7	*For* "26·900" *read* "26·990".

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TABLES A, B AND C—*contd.*

Page.	Part.	Table.	Meteorological Province or Station.	Heading.	Column No.	Correction.
cclxviii	October 1910 . .	B	Mangalore . .	Temperature of air	15 to 19, 22 and 24.	*For* "71·1, — 2·8, 78·2, — 2·1, 14·2, 67·8 and 20·0" *read* "74·3, + 0·4, 79·8, — 0·5, 11·0, 71·0 and 16·8" respectively.
cclxviii	Do. . .	B	Calicut . .	Pressure . .	4	*For* "29·880" *read* "29·889".
cclxviii	Do. . .	B	Pamban . .	Do. . . .	4	*For* "29·838" *read* "29·858".
cclxviii	Do. . .	B	Madura . .	Temperature of air	15 to 19, 22 and 24.	*For* "73·0, — 1·0, 82·1, —0·6, 18·1, 70·1 and 27·3" *read* "74·0, 0, 82·6, —0·1, 17·1, 71·1 and 26·3" respectively.
cclxviii	Do. . .	B	Salem . . .	Ditto .	15 to 19, 22 and 24.	*For* "72·7, + 1·6, 81·1, + 0·7, 16·7, 69·4 and 26·1" *read* "72·1, + 1·0, 80·8, + 0·4, 17·3, 68·8 and 26·7" respectively.
cclxviii	Do. . .	B	Madras . .	Ditto .	15 to 19 and 22 to 24.	*For* "75·8, + 0·7, 82·6, + 0·6, 13·7, 70·5, 12th and 27·0" *read* "76·0, + 0·9, 82·7, + 0·7, 13·5, 72·5, 23rd and 24th and 25·0" respectively.
cclxix	Do. . .	B	Vellore . . .	Wind velocity .	36	*For* "0·1" *read* "2·0."
cclxx	Do. . .	B	Parachinar . .	Pressure . .	4 and 6 to 11	*For* "24·521, 24·488, 24·602, 24th, 24·415, 25th and ·187" *read* "24·530, 24·497, 24·619, 26th, 24·426, 3rd and ·193" respectively.
cclxx	Do. . .	B	Cherrapunji . .	Do. . .	4 to 11	*Reject* the figures.
cclxxii	Do. . .	B	Gyantse . .	Do. . .	4, 6, 7, 9, 10 and 11.	*For* "17·065, 17·026, 17·220, 16·976, 6th and ·244" *read* "17·062, 17·023, 17·120, 16·980, 29th and ·140" respectively.
cclxxii	Do. . .	B	Gangtok . .	Temperature of air	12	*For* "61·4" *read* "62·7 (*e*)."
cclxxii	Do. . .	B	...	Footnote . .	...	*Insert* "(*e*) mean of 21 days."
cclxxiii	Do. . .	B	Singapore . .	Cloud . . .	45	*For* "56" *read* "5·6."
cclxxiii	Do. . .	B	Amini Divi . .	Rainfall . .	53 and 55	*For* "43·26** and — 0·48" *read* "48·77 and + 5·03" respectively.
cclxxiii	Do. . .	B	Gangtok . .	Hygrometry . .	41 and 43	*For* "76 and ·418" *read* "81 (*e*) and ·461 (*e*)" respectively.
cclxxiii	Do. . .	B	Baghdad . .	Rainfall . .	52	*For* "0·04" *read* "—0·04."
cclxxiii	Do. . .	B	Zanzibar . .	Wind direction .	32	*Insert* "1."
cclxxiii	Do. . .	B	...	Footnote . .	...	*Omit* "** Rainfall for September wanting."
cclxxxii	November . .	A	Hyderabad . .	Pressure . .	4, 5, 7, 8 and 9.	*For* "28·292, ·183, ·235, —·016 and ·889" *read* "28·296, ·187, ·239, — 012 and ·893" respectively.
cclxxxiii	Do. . .	A	Mysore . . .	Rainfall . . .	53	*For* "1·31" *read* "1·29."
cclxxxviii	Do. . .	B	Bogra . . .	Temperature of air	12	*For* "70·0" *read* "69·4."
cclxxxviii	Do. . .	B	Dinajpur . .	Pressure . .	4 to 7 and 9	*For* "29·874,— ·028, 29·956 29·976 and 29·788" *read* "29·867, —·035, 29·949, 29·969 and 29·781" respectively.
cclxxxix	Do. . .	B	Rangoon . .	Rainfall . .	53 and 55	*For* "95·42 and + 1·19" *read* "96·02 and + 1·79" respectively.
ccxc	Do. . .	B	Sambalpur . .	Temperature of air	13, 14, 17, 18 and 19.	*For* "81·4,—2·4, 69·9,—3·1 and 23·9" *read* "80·9, — 2·9, 69·7, — 3·4 and 22·5," respectively.
ccxc	Do. . .	B	Purnea . . .	Ditto	15 to 19, 22 and 24.	*For* "58·6, — 0·6, 69·9,—0·7, 22·5, 48·2 and 36·3" *read* "59·3, + 0·1, 70·2, — 0·3, 21·8, 48·9 and 35·6" respectively.
ccxc	Do. . .	B	Darbhanga . .	Ditto	Do.	*For* "60·0, — 2·0, 70·4, — 1·2, 20·9 50·3 and 34·8" *read* "59·4, — 2·6, 70·1, — 1·5, 21·5, 49·7 and 35·4" respectively.
ccxc	Do. . .	B	Gorakhpur . .	Ditto	12	*For* "64·4" *read* "64·0."

Corrigenda in the India Monthly Weather Reviews for the year 1910.

TABLES A, B AND C—*contd.*

Page.	Part.	Table.	Meteorological Province or Station.	Heading.	Column No.	Correction.
ccxcii	November 1910 .	B	Cawnpore . .	Temperature of air	15 to 19, 22 and 24.	*For* "52·6, 2·4, 67·0, —2·5, 28·9, 43·0 and 49·7" *read* "54·3,—0·7, 67·9,—1·7, 27·2, 44·7 and 48·0" respectively.
ccxcii	Do. . .	B	Peshawar . .	Elevation and pressure.	3, 5 and 6	*For* "11·0,—·030 and 30·074" *read* "1113,—·027 and 30·076" respectively.
ccxciii	Do. . .	B	Sambhar . .	Wind velocity .	38	*For* "—2·0" *read* "—1·0."
ccxciv	Do. . .	B	Karwar . .	Temperature of air	13, 14, 17, 18 and 19.	*For* "85·8, 1·6, 76·6,—1·9 and 18·5" *read* "85·3, —2·1, 76·3,—2·1 and 18·0" respectively.
ccxciv	Do. . .	B	Malegaon . .	Pressure . .	4 to 7 and 9	*For* "28·571,—·015, 29·994, 28·680 and 28·415" *read* "28·578, —·008, 30·001, 28·687 and 28·462" respectively.
ccxciv	Do. . .	B	Sholapur . .	Temperature of air	13, 14, 17, 18 and 19.	*For* "85·0,—2·2, 72·3,—2·5 and 25·9" *read* "84·8, —2·7, 72·0,—2·8 and 25·4" respectively.
ccxciv	Do. . .	B	Bijapur . .	Pressure . .	4 to 7 and 9	*For* "28·030,—·026, 29·941, 28·132 and 27·864" *read* "28·035—·021, 29·946, 28·137 and 27·869" respectively.
ccxcv	Do. . .	B	Jagdalpur . .	Wind direction .	25	*Insert* "4."
ccxcvi	Do. . .	B	Nizamabad . .	Pressure . .	4 to 7 and 9	*For* "28·727, +·008?, 29·952, 28·838 and 28·593" *read* "28·735, +·016, 29·960, 28·846 and 28·601" respectively.
ccxcvi	Do. . .	B	Bidar . . .	Pressure . .	4, 6, 7 and 9	*For* "27·744?, 29·886? 27·858 and 27·601" *read* "27·814, 29·956, 27·928 and 27·671" respectively.
ccxcvi	Do. . .	B	Hyderabad (Deccan)	Pressure . .	4 to 7 and 9	*For* "28·282,—·035, 29·943, 28·377 and 28·126," *read* "28·286, —·031, 29·947, 28·381 and 28·130" respectively.
ccxcvi	Do. . .	B	Mangalore . .	Temperature of air	15 to 19, 22 and 24.	*For* "68·4,—4·0, 77·0,—3·8, 17·8, 60·3 and 29·0" *read* "71·3,—0·8, 78·6, —2·2, 14·6, 63·5 and 25·8" respectively.
ccxcvi	Do. . .	B	Madura . .	Ditto	15 to 19, 22 and 24.	*For* "70·3,—2·2, 78·2,—1·7, 15·7, 64·1 and 26·3" *read* "71·3,—1·2, 78·7,—1·3, 14·7, 65·1 and 25·3" respectively.
ccxcvi	Do. . .	B	Salem . .	Ditto	15 to 19, 22 and 24.	*For* "69·5+1·0, 77·0,—0·9, 15·0, 61·4 and 28·6" *read* "68·9, +0·4, 76·7,—1·2, 15·6, 60·8 and 29·2" respectively.
ccxcvii	Do. . .	B	Vellore . . .	Wind velocity .	36	*For* "0·1" *read* "1·8."
ccxcviii	Do. . .	B	Port Blair . .	Temperature of air	13 to 19, 22 and 24.	*For* "85·6,—1·2, 76·3,—0·9, 81·0, 1·1, 9·3, 72·5 and 15·2" *read* "85·8,—1·0, 76·4,—0·8, 81·1,—0·9, 9·4, 73·4 and 14·3" respectively.
ccxcviii	Do. . .	B	Parachinar . .	Pressure . .	4 and 6 to 11	*For* "24·535, 24·502, 24·644, 22nd, 24·436, 19th and ·208" *read* "24·538, 24·505, 24·617, 7th, 24·445, 26th and ·172" respectively.
ccxcviii	Do. . .	B	Sarain . . .	Do. . .	4 and 6	*For* "23·195 and 23·157" *read* "23·198 and 23·160" respectively.
ccxcviii	Do. . .	B	Cherrapunji .	Do. . .	4 and 6 to 11	*Reject* the figures.
ccc	Do. . .	B	Amini Divi . .	Temperature of air	15 to 19, 22 and 24.	*For* "74·5,—1·0, 80·4,+0·1, 11·7, 63·7 and 26·3," *read* "76·2, +0·7, 81·2, +0·9, 10·0, 65·4 and 24·6" respectively.
ccc	Do. . .	B	Gyantse . .	Pressure . .	4, 6, 9, 10 and 11.	*For* "17·040, 17·001, 16·980, 13th and ·149" *read* "17·037, 16·998, 16·982, 25th and 28th and ·147" respectively.
ccci	Do. . .	B	Amini Divi . .	Rainfall . .	53 and 55	*For* "45·55§ and + 0·28" *read* "51·06 and + 5·74" respectively.
ccci	Do. . .	B	.....	Footnote . .	...	*Omit* "§ Rainfall for September wanting."
cccx	December . .	A	Hyderabad . .	Pressure . .	4, 5, 7, 8 and 9.	*For* "28·375, ·262, 28·316, +·012 and 29·972" *read* "28·379, 266, 28·320 and 29·976" respectively.

Corrigenda in the India Monthly Weather Reviews for the year 1910.

TABLES A, B AND C—*contd.*

Page.	Part.	Table.	Meteorological Province or Station.	Heading.	Column No.	Correction.
cccxv	December 1910 .	B	Punjab . . .	Rainfall . .	18 and 20	*For* "0·14 and —0·32" *read* "0·15 and —0·31" respectively.
cccxvi	Do. . .	B	Bogra . . .	Temperature of air	12	*For* "59·2" *read* "58·6."
cccxvi	Do. . .	B	Dinajpur . .	Pressure . .	4 to 7 and 9	*For* "29·948, —·021, 30·033, 30·072 and 29·832" *read* "29·941, —·028, 30·026, 30·065 and 29·825" respectively.
cccxviii	Do. . .	B	Calcutta . .	Temperature of air	20	*For* "1" *read* "81·2."
cccxviii	Do. . .	B	Sambalpur . .	Ditto	13, 14, 17, 18 and 19.	*For* "79·6, —0·2, 65·6, —1·3 and 28·0" *read* "79·1, —0·7, 65·3, —1·5 and 27·5" respectively.
cccxviii	Do. . .	B	Purnea . . .	Ditto	15 to 19, 22 and 24.	*For* "48·3, —1·4, 61·7, —1·1, 26·7, 41·7 and 36·8" *read* "49·0, —0·7, 62·0, —0·7, 26·0, 42·4 and 36·1" respectively.
cccxviii	Do. . .	B	Darbhanga . .	Ditto	15 to 19, 22 and 24.	*For* "49·9, —3·8, 62·5, —1·7, 25·1, 44·3 and 33·3" *read* "49·3, —4·4, 62·2, —1·9, 25·7, 43·7 and 33·9" respectively.
cccxviii	Do. . .	B	Gorakhpur . .	Ditto	12	*For* "53·7" *read* "53·3."
cccxx	Do. . .	B	Cawnpore . .	Ditto	15 to 19, 22 and 24.	*For* "44·2, —3·4, 60·1, —1·9, 31·7, 37·5 and 48·2" *read* "45·9, —1·7, 60·9, —1·1, 30·0, 39·2 and 46·5" respectively.
cccxx	Do. . .	B	Peshawar . .	Elevation and pressure.	3, 5 and 6	*For* "1110, —·018 and 30·165" *read* "1113, —·015 and 30·168" respectively.
cccxxii	Do. . .	B	Karwar . . .	Temperature of air	13, 14, 17, 18 and 19.	*For* "86·6, —1·1, 74·2, —2·7 and 24·7" *read* "86·1, —1·6, 73·9, —2·9 and 24·2" respectively.
cccxxii	Do. . .	B	Malegaon . .	Pressure . .	4 to 7 and 9	*For* "28·636, +·006, 30·071, 28·721 and 28·561" *read* "28·643, +·013, 30·078, 28·728 and 28·568" respectively
cccxxii	Do. . .	B	Sholapur . .	Temperature of air	13, 14, 17, 18 and 19.	*For* "85·6, +0·1, 70·8, —0·7 and 29·7" *read* "85·1, —0·4, 70·5, —1·0 and 29·2" respectively.
cccxxii	Do. . .	B	Bijapur . .	Pressure . .	4 to 7 and 9	*For* "28·102, +·006, 30·032, 28·190 and 28·053" *read* "28·107, +·011, 30·037, 28·195 and 28·058" respectively.
cccxxii	Do. . .	B	Nizamabad . .	Do. . .	4, 6, 7 and 9	*For* "28·807?, 30·047?, 28·920 and 28·719" *read* "28·815, 30·055, 28·928 and 28·727" respectively.
cccxxiv	Do. . .	B	Bidar . .	Do. . .	4, 6, 7 and 9	*For* "27·808, 29·957, 27·890 and 27·701" *read* "27·908, 30·057, 27·990 and 27·801" respectively.
cccxxiv	Do. . .	B	Hyderabad (Deccan)	Do. . .	4 to 7 and 9	*For* "28·370, +·003, 30·057, 28·482 and 28·307" *read* "28·374, +·007, 30·061, 28·486 and 28·311" respectively.
cccxxiv	Do. . .	B	Mangalore . .	Temperature of air	15 to 19, 22 and 24.	*For* "62·8, —6·3, 75·4, —4·4, 25·2, 59·8 and 31·0" *read* "66·0, —3·1, 77·0, —2·8, 22·0, 63·0 and 27·8" respectively.
cccxxiv	Do. . .	B	Madura . .	Ditto	15 to 19, 22 and 24.	*For* "66·7, —3·8, 76·9, —1·3, 20·5, 64·1 and 25·8" *read* "67·7, —2·8, 77·4, —0·8, 19·5, 65·1 and 24·8," respectively.
cccxxiv	Do. . .	B	Salem . . .	Ditto	15 to 19, 22 and 24.	*For* "62·0, —3·3, 73·2, —2·7, 22·4, 58·4 and 28·1" *read* "61·4, —3·9, 72·9, —2·9, 23·0, 57·8 and 28·7" respectively.
cccxxvi	Do. . .	B	Cherrapunji .	Pressure . .	4 and 6 to 11	*Reject* the figures.
cccxxvii	Do. . .	B	Chakrata . .	Rainfall . .	50 and 52	*For* "1·72 and +0·56" *read* "1·74 and +0·58" respectively.

Corrigenda in the India Monthly Weather Reviews for the year 1910.

TABLES A, B AND C—*concld.*

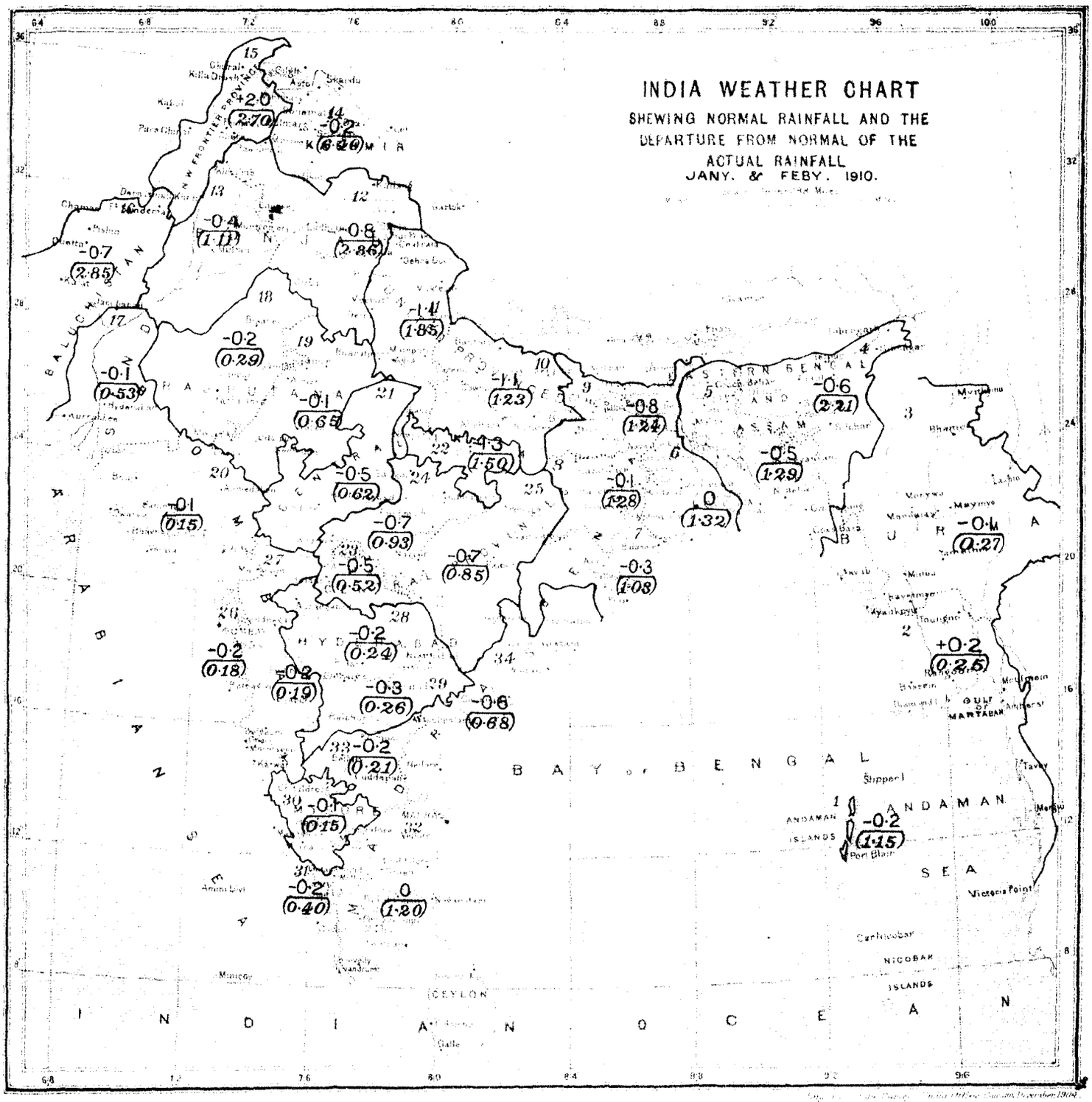
Page.	Part.	Table.	Meteorological Province or Station.	Heading.	Column No.	Correction
cccxxviii	December 1910 .	B	Gyantse . .	Pressure . .	4 and 6	*For* "17·002 and 16·963" *read* "17·004 and 16·965" respectively.
cccxxviii	Do. . .	B	Meshed . .	Temperature of air	15, 16, 17, 19, 22, 23 and 24.	*Insert* "19·6, —11·2, 20·1, 21·1, 3·8, 21st and 53·6" respectively.
cccxxviii	Do. . .	B	Kerman . .	Ditto	12	*For* "33·9" *read* "34·3."
cccxxviii	Do. . .	B	Ispahan . .	Ditto	12	*For* "23·2" *read* "23·5."
cccxxix	Do. . .	B	Kashgar . .	Wind direction .	25, 34 and 36	*Insert* "31, (*a*) and 0·1" respectively.
cccxxix	Do. . .	B	Do. . .	Hygrometry .	43	*For* "·076§" *read* "·067§."
cccxxix	Do. . .	B	Kerman . .	Do. . .	41 and 43	*For* "62§ and ·130§" *read* "62 and ·130" respectively.
cccxxix	Do. . .	B	Ispahan .	Do. . .	41 to 44	*For* "91††, +10, ·129†† and —·036" *read* "88, +7, ·120 and —·045" respectively.
cccxxix	Do. . .	B	.....	Footnote . .	...	*Omit* "††mean of 19 days."
cccxxxiii	Do. . .	C	Messa . . .	Hygrometry .	32 and 34	*For* "77‡ and ·492‡" *read* "77 and ·492" respectively.
cccxxxiii	Do. . .	B	.....	Footnote . .	...	*Omit* "‡mean of 30 days."
cccxxxv	Do. . ,	B	Chumbi . .	Rainfall . .	44	*For* "0·01" *read* "0·01†".

G. C. B. P.,—Simla, No. 304 M. R. G. I.—11-1-12.—405.—N.C.

Reg No. 4207 E., 11 – Z. – 450.

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.

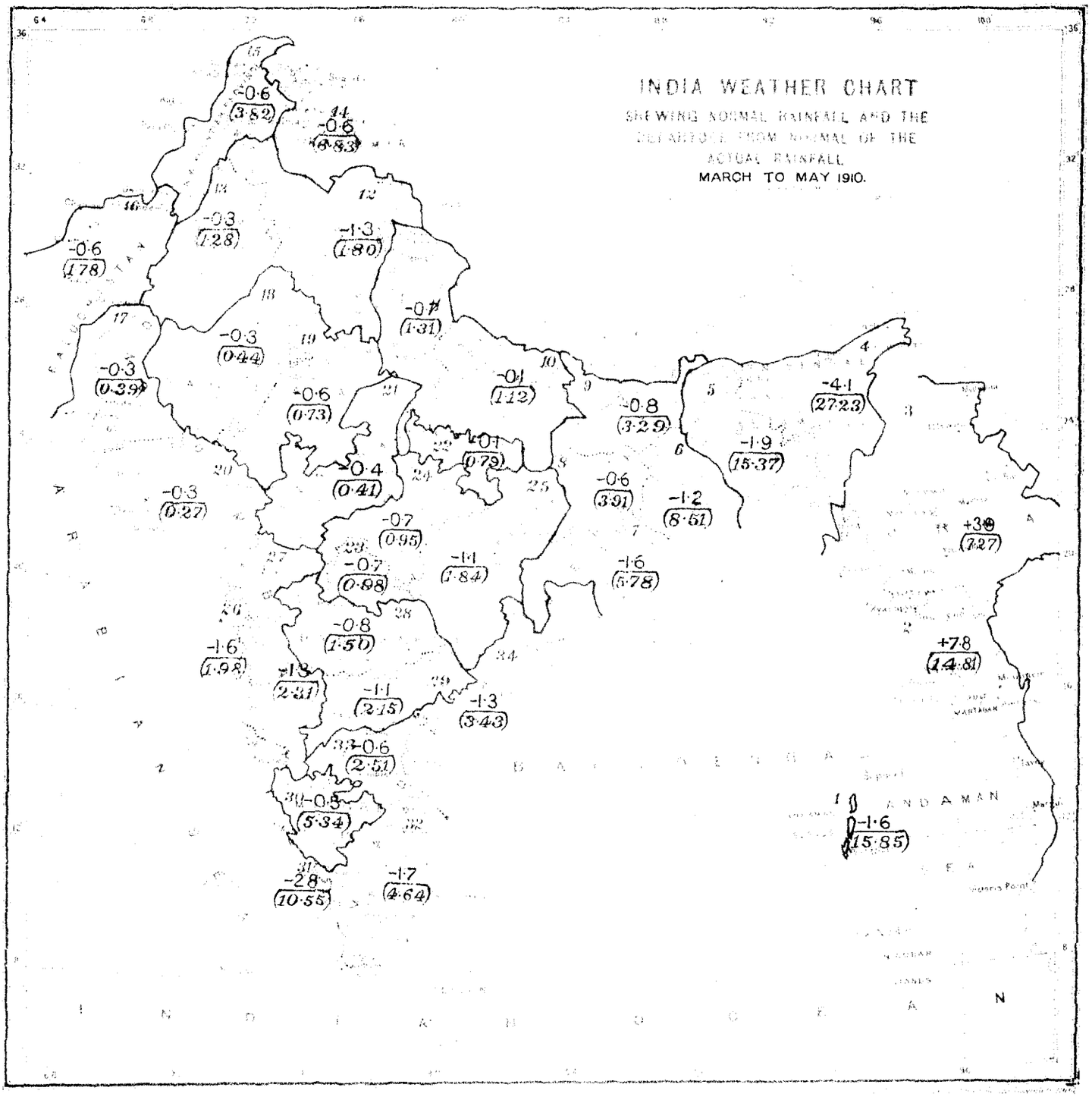
1. Bay Islands
2. Lower Burma
3. Upper Burma
4. Assam
5. Eastern Bengal
6. Bengal
7. Orissa
8. Chota Nagpur
9. Bihar
10. United Provinces East
11. Do., West
12. Punjab, East and North
13. Do., Southwest
14. Kashmir
15. Northwest Frontier Province
16. Baluchistan
17. Sind
18. Rajputana, West
19. Rajputana, 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



Reg. No. 4207 E., 11.—Z.—1,600.

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.

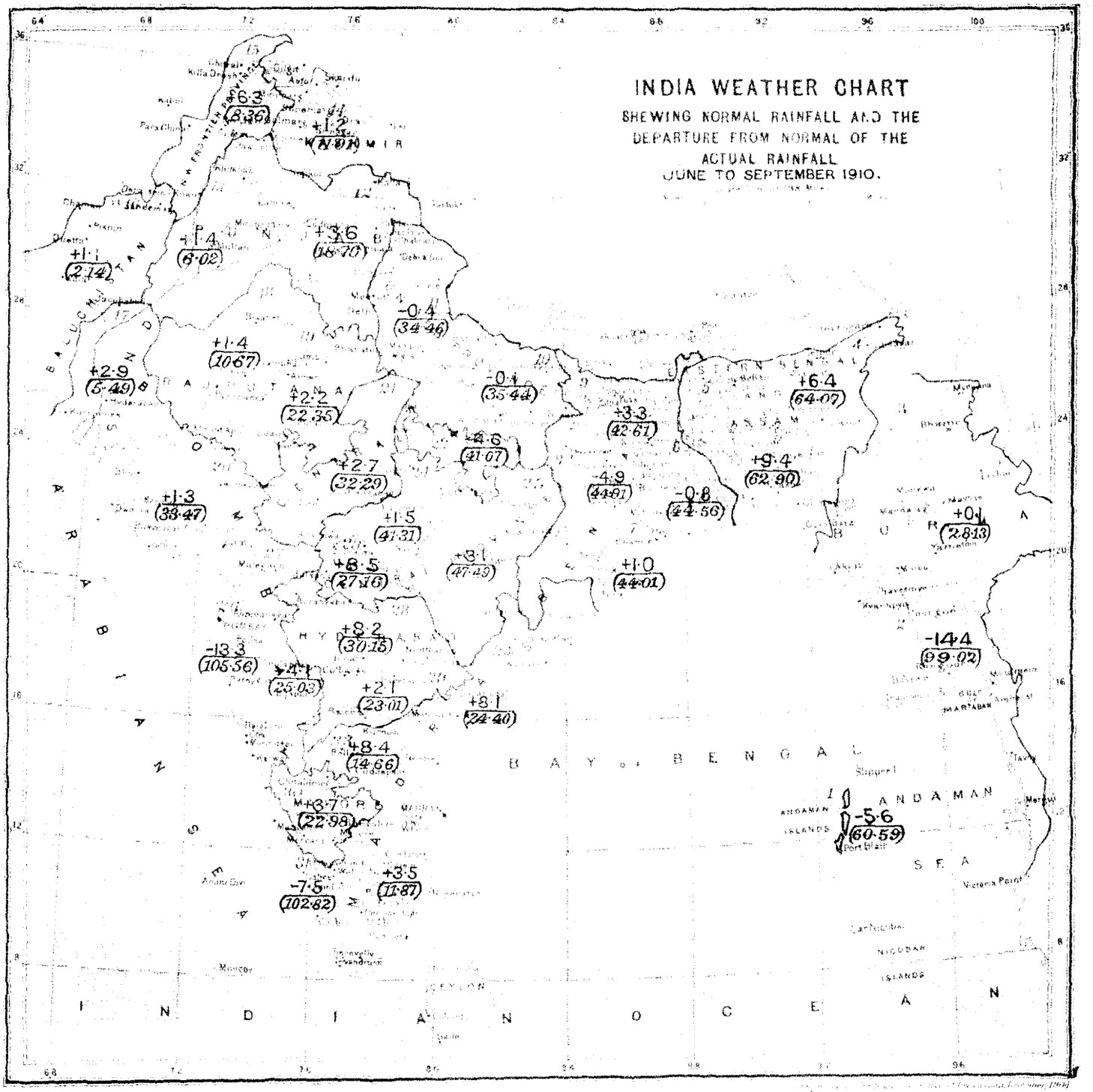
1. Bay Islands
2. Lower Burma
3. Upper Burma
4. Assam
5. Eastern Bengal
6. Bengal
7. Orissa
8. Chota Nagpur
9. Bihar
10. United Provinces, East
11. Do., West
12. Punjab, East and North
13. Do., Southwest
14. Kashmir
15. Northwest Frontier Province
16. Baluchistan
17. Sind
18. Rajputana, West
19. Rajputana, 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



Reg. No. [illegible]

The country is divided into [illegible] areas as shown in the list below. [illegible] with the red numbers on the chart, and serve to identify [illegible]. The numbers [illegible] the normal monthly rainfall; the numbers above those give the departures from [illegible]

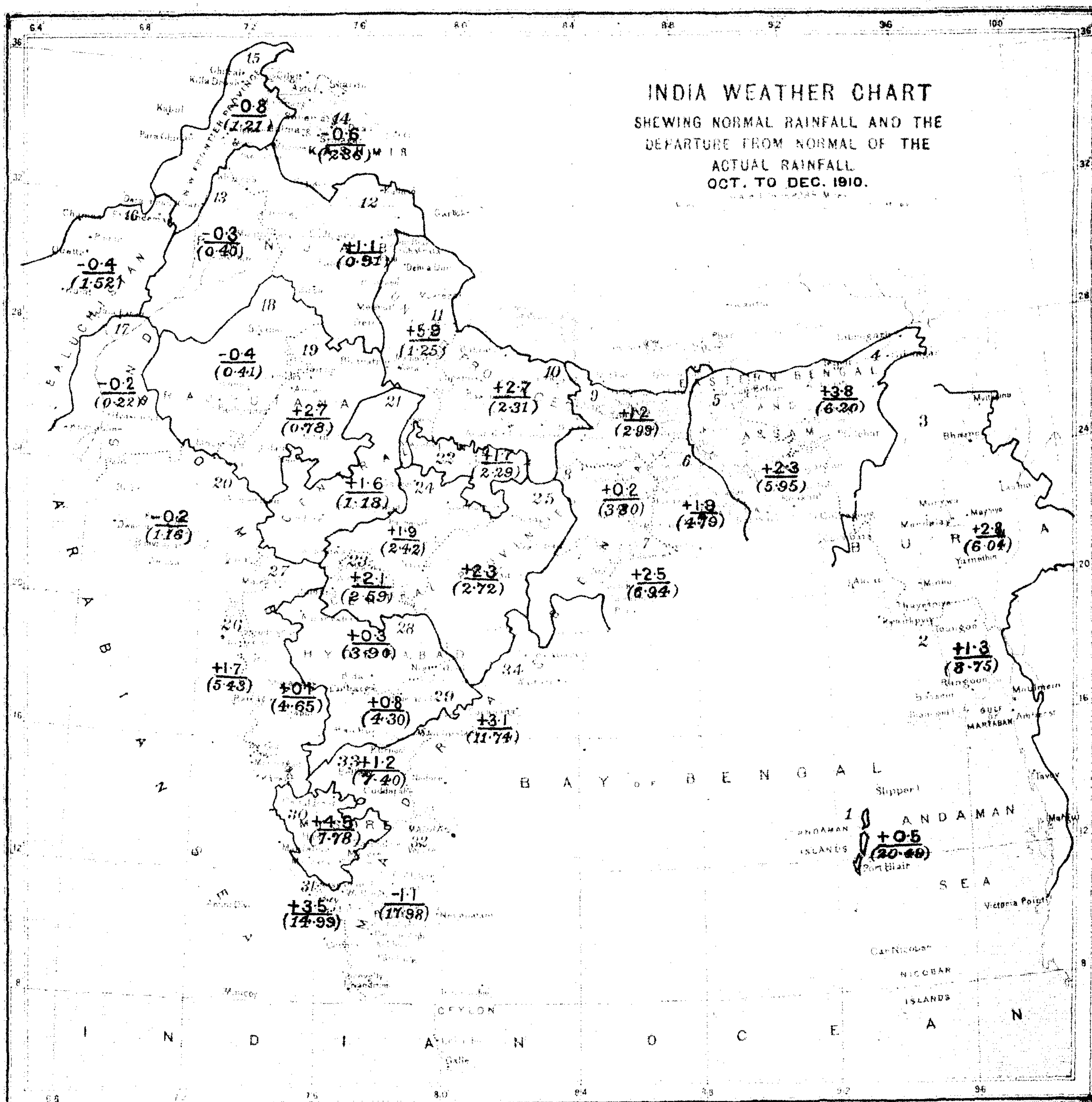
1. Bay Islands
2. [illegible]
3. [illegible]
4. Assam
5. Eastern Bengal
6. Bengal
7. Orissa
8. Chota Nagpur
9. Bihar
10. [illegible] East
11. [illegible] West
12. [illegible] North
13. [illegible]
14. [illegible]
15. Northwest Frontier Province
16. Baluchistan
17. Sind
18. Rajputana, West
19. [illegible] East
20. [illegible]
21. [illegible] West
22. [illegible] West
23. [illegible] East
24. Central Provinces, West
25. [illegible] East
26. Konkan
27. Bombay, Deccan
28. Hyderabad, North
29. [illegible] South
30. Mysore
31. Malabar
32. Madras, Southeast
33. Madras, Deccan
34. Madras Coast, North,



Reg. No. 4207 E., II.—Z—1,600.

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.

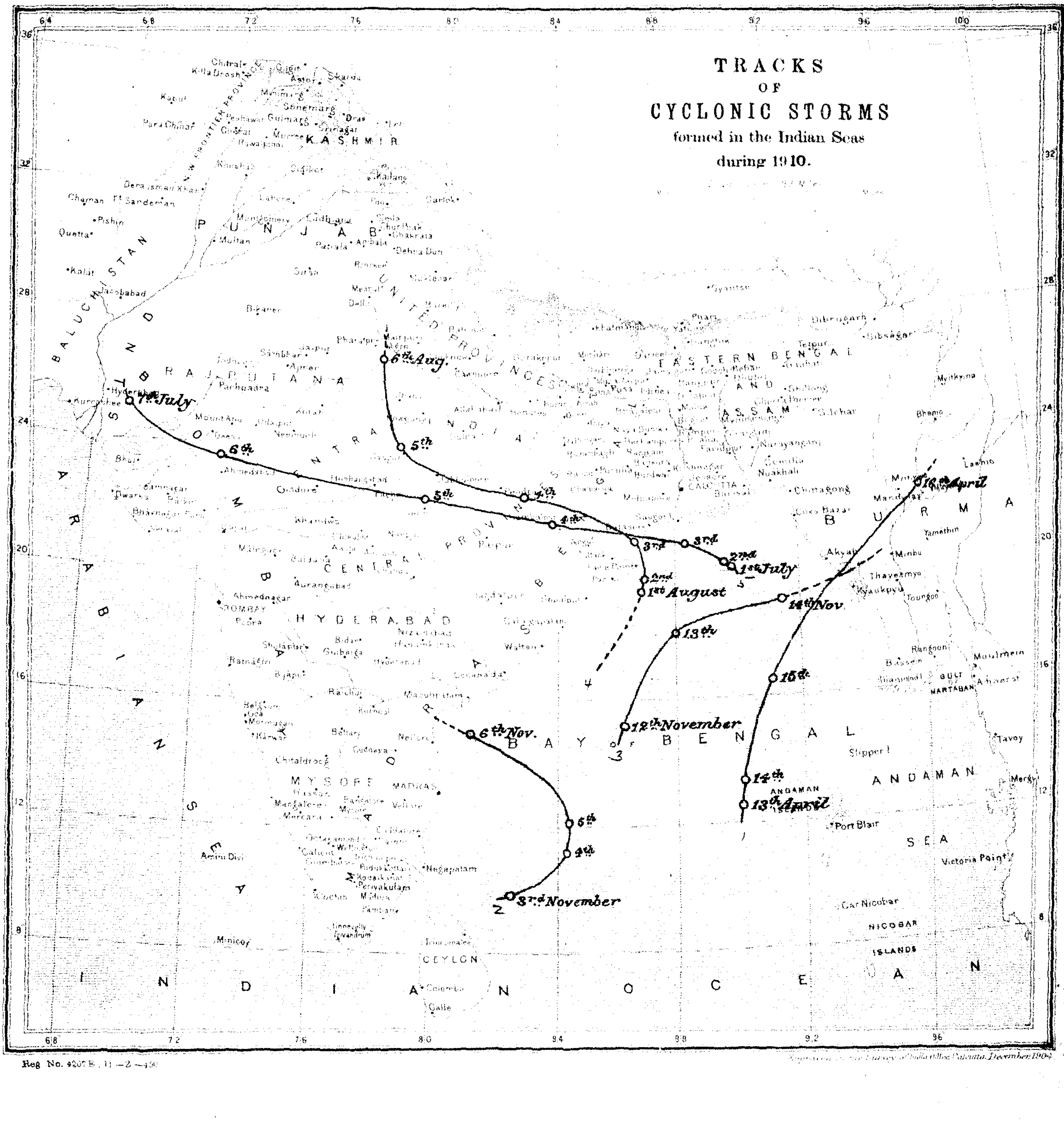
1. Bay Islands
2. Lower Burma
3. Upper Burma
4. Assam
5. Eastern Bengal
6. Bengal
7. Orissa
8. Chota Nagpur
9. Bihar
10. United Provinces, East
11. Do., West
12. Punjab, East and North
13. Do., Southwest
14. Kashmir
15. Northwest Frontier Province
16. Baluchistan
17. Sind
18. Rajputana, West
19. Rajputana, 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



Reg. No. 4207 E., 11.—Z.—1,800.

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.

1. Bay Islands
2. Lower Burma
3. Upper Burma
4. Assam
5. Eastern Bengal
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. Guzerat
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



Reg. No. 4207 E. 11-2-450.

(*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.
Instructions to Observers of the India Meteorological Department, 2nd Edition. (1902) . . . . . Price Rs. 3	Sir John Eliot.
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Handbook of Cyclonic storms in the Bay of Bengal for the use of sailors, 2nd Edition. Vol. I—Text. (1900) . . Price Rs. 4	Sir John Eliot.
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.
Cyclone Memoirs, Part II—Bay of Bengal Cyclone of August 21st to 28th, 1888. (1890) . . . . . Price Rs. 3	Ditto.
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.
Report of the Midnapore and Burdwan Cyclone of the 15th and 16th of October, 1874. (1875) . . . . Price Rs. 3*	W. G. Wilson.
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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.
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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.
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GOVERNMENT OF INDIA

METEOROLOGICAL DEPARTMENT

MONTHLY WEATHER REVIEW
JANUARY, 1910

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GOVERNMENT OF INDIA

METEOROLOGICAL DEPARTMENT

MONTHLY WEATHER REVIEW
FEBRUARY, 1910

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