METEOROLOGICAL OBSERVATIONS

STATISTICIANS
DEPARTMENT
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The comparison of weather-forecasts issued daily with the weather subsequently experienced has been conducted on the same system as heretofore (compare Annual Report for 1896 § 5). The results are as follows :—

Success 58 per cent., partial success 32 per cent., failure 2 per cent., partial failure 8 per cent. Following the method used in Meteorological Offices and taking the sum of total and partial success as a measure of success, and the sum of total and partial failure as a measure of failure, 90 per cent. of the weather-forecasts were successful in 1909.

The average results for the three preceding years were as follows :—

Success 58 per cent., partial success 32 per cent., failure 1 per cent., partial failure 9 per cent.

2. The number of typhoons directly affecting the North part of the China Sea was, as in the previous year, greater than usual, but the gales which resulted in the Colony were not of great severity with the exception of that of October 19th, when storm-force was reached.

The centre of this disturbance passed a few miles to the South of Gap Rock where typhoon force of wind was experienced for twelve hours. At the Observatory the maximum hourly wind velocity was 75 miles. At Victoria Peak the wind had attained an average hourly velocity of 90 miles when the cups of the Anemograph blew away.

3. From the commencement of the month of June, the weather map made daily for use in the Observatory has been reproduced on a scale suitable for exhibition, and copies have been posted at the following notice boards:—the Harbour Office, Blake Pier and the Ferry Company's Pier. These maps while showing the broad features of pressure distribution are necessarily lacking in detail. It must be remembered that the telegraphic reporting stations are situated almost entirely on the sea-board and with the exception of a couple of stations on the Yangtze river, the interior of the continent is unrepresented.

Notwithstanding these disadvantages it is believed that the public has found the maps useful and applications for copies have been received from several persons. But as those at present exhibited have to be made by hand, it has not been found possible to meet their wishes, and in the present state of our communications the expense of reproducing the map for distribution would not be justified.

4. Under the arrangement mentioned in my last report (§8) the ordinary daily meteorological telegrams were supplemented occasionally by extra observations from stations in the Philippines and Southern Formosa, during the prevalence of typhoons in those localities. The fullest use could not be made of this arrangement owing to the interruption of telegraphic communication, so apt to occur at these times, in the islands.

These observations were forwarded by the courtesy of the Directors of the Philippine Weather Bureau and the Formosa Weather Service, and many of them proved of great value.

5. The Imperial Maritime Customs authorities at Swatow kindly forwarded an observation made at 9 p.m., from May till October. Unfortunately owing to delay in telegraphic transmission the greater part of these messages failed to reach the Observatory until next morning. Nevertheless they have been frequently useful.

6. It is to be regretted that the meteorological telegrams forwarded from Hoihow and Pakhoi, while showing some improvement in the time of receipt as compared with former years, are still received too late for forecasting purposes.

7. At the request of the Government I visited Manila Observatory in the spring, when I was received with the greatest courtesy by the Reverend Fr. Algué, the Director. During my short stay he was good enough to afford me every facility for seeing the equipment and the working of the establishment under his control.

Opportunity was taken to arrange details for the forwarding of the extra meteorological observations mentioned in paragraph 4.

8. In addition to the ordinary warnings, special warnings of the approach of typhoons have been sent regularly to the Authorities in Canton.

9. By the courtesy of the Naval Authorities meteorological messages were received occasionally from H.M. Ships during the year by wireless telegraphy, and in the case of the typhoon over the China Sea in November which caused so much delay to shipping, some valuable observations were received by this means from H.M.S. *Kent*, then *en route* to Singapore.

10. As already announced by His Excellency the Governor, the Chinese Authorities have promised to erect a Wireless Telegraph Station on Pratas Island, and this Government has agreed to allow the staff for the station to attend at the Hongkong Observatory in order to receive some training in making the necessary meteorological observations.

These latter will be of material assistance in the framing of weather-forecasts and storm-warnings.

11. The thanks of the Government are due to the Telegraph Companies who continue to forward meteorological telegrams from outports to Hongkong free of charge ; and also to the staffs of the Eastern Extension, Australasian and China Telegraph Company at Sharp Peak, Iloilo, Bacolod and Cebu, who make and transmit observations twice daily.

12. During 1909 in addition to meteorological registers kept at about 40 stations on shore, 1,480 ship logs have been copied on board or forwarded by the captains. The total number of vessels whose log books have been made use of was 194. The total number of days' observations (counting separately those made on board different ships on the same day) was 14,726. Acknowledgment is here made of the courtesy of those masters of vessels who have been good enough to forward their observations.

13. The entry of observations made at sea in degree squares for the area 9° South and 45° North Latitude, and between the longitude of Singapore and 180° East of Greenwich has been continued by Mr. Jeffries and, after her return from leave of absence on November 3rd, by Miss Doberck, and 347,190 in all have now been entered.

The means of these observations have been taken for the degree squares comprised in the following areas:—Equator to 6° South Latitude and from the Longitude of Singapore to 125° East for the months of January to December inclusive; Equator to 25° North Latitude and from 100° to 125° East Longitude for the month of January.

14. The tracks of the typhoons of 1909 have been laid down by Mr. Plummer, and they will be printed and distributed as soon as possible.

15. During the past year several hundred indirect comparisons of barometers and aneroids on board ship have been made. A few barometers and aneroids have been compared for various people in the Observatory.

16. The rainfall in inches recorded by the gauge placed in the Police compound at Taipo, New Territories, was as follows:—January 1.21, February 2.08, March 2.87, April 2.30, May 8.15, June 10.45, July 19.42, August 9.28, September 7.07, October 25.58, November 0.07, December 0.00, the total for the year 1909 being 88.48 inches. On an average of the four years during which this gauge has been in operation the rainfall measured at Taipo has exceeded that recorded at the Observatory by 20 per cent.

17. The Dines-Baxendell pressure-tube Anemograph ordered from London in the spring had not been received at the close of the year. It has since arrived and is now being mounted, and it is expected that it will be brought into use shortly.

A chronograph of inexpensive form ordered at the same time, was received in December, and has since, by means of an electrical device, been made available for obtaining a record of the revolutions of the cups of the Beckley Anemograph during short intervals of time, whenever required.

The registering parts of these instruments are placed on the ground floor where the record can be inspected at all times, which is a great advantage.

18. In 1909 the number of transits observed was 431. The axis of the transit instrument was levelled 262 times, and the collimation and azimuth errors were determined 18 times by aid of the meridian mark. The whole of these observations have been made by Mr. Plummer. Both the standard clocks have been cleaned during the year, the Mean Time clock on the 7th May and the Sidereal clock on the 29th of the same month. The Time-ball clock was oiled and the escapement cleaned on the 27th March. The going of all of them subsequently, has been satisfactory.

19. The errors of the Time-ball are given on Table I. The ball is not dropped on Sundays nor on Government holidays. There were no failures in 1909. On the 14th July and on October 19th it was not dropped in consequence of heavy gales, and on October 20th and December 8th because the line was out of order. It was therefore dropped successfully on 296 days. The probable error was in January ± 0s.22, in February ± 0s.24, in March ± 0s.18, in April ± 0s.15, in May ± 0s.13, in June ± 0s.17, in July ± 0s.16, in August ± 0s.18, in September ± 0s.15, in October ± 0s.17, in November ± 0s.11, and in December ± 0s.13.

20. The cisterns of the barograph and standard barometers are placed 109 feet above Mean Sea Level. The bulbs of the thermometers are rotated 108 feet above Mean Sea Level and 4 feet above the grass. The Solar radiation thermometers are placed at the same height. The rim of the rain-gauge is 105 feet above Mean Sea Level and 21 inches above the ground.

The Monthly Weather Reports are arranged as follows:—

Table I exhibits the hourly readings of the barometer reduced to freezing point of water, but not to sea level nor for gravity, as measured (at two minutes to the hour [mean time] named) from the barograms.

Tables II and III exhibit the temperature of the air and of evaporation as determined by aid of rotating thermometers. Table II exhibits also the extreme temperatures reduced to rotating thermometers by comparisons of thermometers hung beside them. Table III exhibits also the solar radiation (black bulb in vacuo), maximum temperatures reduced to Kew arbitrary standard.

Table IV exhibits the mean relative humidity in percentage of saturation and mean tension of water vapour present in the air in inches of mercury, for every hour of the day and for every day of the month, calculated by aid of Blanford's Tables from the data in Tables II and III.

Table V exhibits the duration of sunshine expressed in hours, from an hour before to half-an-hour after the hour (true time) named.

Table VI exhibits the amount of rain (or dew) in inches, registered from half-an-hour before to half-an-hour after the hour (mean time) named. It exhibits also the observed duration of rain.

Table VII exhibits the velocity of the wind in miles, and its direction in points, 1 to 32, (8=E, 16=S, 24=W, 32=N). The direction is read off at the hour, but the velocity is measured from half-an-hour before to half-an-hour after the hour (mean time) named, the distance actually run by the cups being multiplied by 3 (Dr. Robinson's original factor). This factor is now known to be too large, but it is retained for the present to avoid confusion in the comparison with other records.

Table VIII exhibits the amount (0-10), name (Howard's classification), and direction whence coming of the clouds. Where the names of upper and lower clouds are given, but only one direction, this refers to the lower clouds. With regard to the names of clouds, nimbus (nim) is entered only when rain is seen to fall, when no rain is seen to fall cumulo-nimbus (cum-nim) is entered. This name indicates clouds intermediate between cum and nim. Cumulo-stratus (cum-str) is the well-known thunder cloud, while strato-cumulus (str-cum) signifies a cloud intermediate between stratus and cum. Sm-cum means alto-cumulus.

Table IX exhibits for every hour in the day, the mean velocity of the wind reduced to 4 as well as 2 directions, according to strictly accurate formulæ, and also the mean direction of the wind. Below this is printed a list of the phenomena observed.

21. The following Annual Weather Report for 1909 is arranged as follows :—

Table II gives the monthly means for 1909 and the departure from the mean of 25 years.

Table III exhibits the mean values for the year (or hourly excess above this) obtained from the monthly reports. The total duration of rain was 661 hours. There fell at least 0.01 inch of rain on 145 days.

Table IV exhibits the number of hours during a portion of which at least 0.005 inch of rain (or dew) was registered.

Table V exhibits the number of days with wind from eight different points of the compass. The figures are obtained from the mean daily directions in Table VII of the monthly reports. Days with wind from a point equidistant from two directions given, are counted half to one of these and half to the other, *e.g.*, half of the days when the wind was NNE are counted as N, and the other half as NE.

Table VI exhibits the number of days on which certain meteorological phenomena were registered, and also the number of thunderstorms noted in the neighbourhood during the past year.

Table VII shows the frequency of clouds of different classes.

Table VIII is arranged as last year.

Table IX exhibits the monthly and annual extremes.

Table X contains five-days means.

22. The observations of magnetic declination and of horizontal force published in Tables XI and XII were made with magnet No. 55 on Kew pattern unifilar magnetometer Elliott Bros. No. 55. The dips were observed with dip circle Dover No. 71. The height above mean sea level at which the magnets are suspended is 116 feet, and the position in which they are placed is 156 yards almost due West of the transit instrument. This is equivalent to a difference of longitude of 0ˢ.33. The methods adopted in making the observations and in determining and applying the corrections are explained in Appendix G of Observations and Researches made in 1885 "On the verification of Unifilar Magnetometer, Elliott Bros. No. 55". The value of π^2K was redetermined in January 1908 and was found to be 3.44906 at 19°7 Cent. This value which is in close agreement with the determinations made in 1900 and 1903 has been used in the reductions. The value of P was 6.981. The mean value of the magnetic moment of the vibrating needle was 568.71. From comparisons made between magnetometers No. 55 and No. 83 in the year 1898 it was shown that the correction to the horizontal force obtained by the former as given in Tables XII and XIII was + 0.00052 (see "Observations and Researches made in 1898" page 19).

The times of vibration exhibited in Table XII are each derived from 12 observations of the time occupied by the magnet in making 100 vibrations, corrections having been applied for rate of chronometer and arc of vibration.

The observations of Horizontal Force given in Table XIII are expressed in C.G.S. units. The vertical and total forces have been computed by aid of the observed dips.

23. Table XIV shows the annual expenditure on the Department since the year 1900.

F. G. Figg,
Director.

Hongkong Observatory,
25th February, 1910.

Table I.

Errors of the Time Ball in 1909.

— means too late. + means too early.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	October	Nov.	Dec.
1	...	0.1	+1.1	−0.3	0.1	+0.2	−0.2	...	0.1	0.1	0.1	0.1
2	...	0.1	+0.4	−0.3	...	+0.2	0.1	...	0.1	0.1	0.1	0.1
3	...	0.1	+0.3	0.1	−0.3	+0.4	0.1	0.1	−0.2	...	0.1	0.1
4	+0.2	0.1	+0.3	...	0.1	+0.4	...	0.1	0.1	+0.2	−0.2	0.1
5	+0.3	+0.2	0.1	0.1	0.1	0.1	−0.2	0.1	...	+0.2	−0.2	...
6	+0.4	0.1	0.1	0.1	0.1	...	0.1	0.1	+0.2	+0.2	−0.3	0.1
7	+0.4	...	...	0.1	0.1	−0.3	0.1	+0.4	0.1	0.1	...	0.1
8	+0.5	−0.3	+0.2	−0.2	0.1	0.1	0.1	...	0.1	−0.2	0.1	...
9	+0.3	−0.2	+0.2	...	...	+0.3	0.1	+0.7	+0.2	−0.3	0.1	0.1
10	...	−0.3	+0.3	...	+0.2	0.1	+0.2	+0.4	+0.3	...	0.1	+0.2
11	+0.5	−0.3	+0.3	...	0.1	+0.2	...	+0.4	+0.2	−0.6	+0.2	0.1
12	+0.4	−0.4	+0.3	...	0.1	0.1	+0.4	+0.3	...	−0.2	+0.3	...
13	0.1	0.1	+0.3	+0.2	0.1	...	+0.6	+0.4	0.1	0.1	0.1	0.1
14	−0.2	...	...	0.1	−0.2	−0.3	...	+0.4	+0.3	0.1	...	0.1
15	−0.3	0.1	0.1	0.1	−0.2	−0.2	+0.9	...	+0.2	+0.2	0.1	0.1
16	−0.4	0.1	−0.2	0.1	...	+0.2	+0.3	0.1	+0.2	+0.2	0.1	0.1
17	...	0.1	0.1	0.1	0.1	+0.3	−0.3	0.1	+0.3	...	0.1	0.1
18	0.1	0.1	0.1	...	0.1	0.1	...	−0.2	+0.2	+0.2	0.1	0.1
19	0.1	0.1	0.1	0.1	0.1	0.1	0.1	−0.2	...	...	0.1	...
20	0.1	0.1	0.1	0.1	+0.2	...	0.1	0.1	0.1	...	0.1	0.1
21	0.1	...	...	+0.2	0.1	0.1	0.1	0.1	0.1	+0.4	...	0.1
22	...	+0.2	0.1	+0.2	0.1	+0.2	0.1	...	0.1	0.1	0.1	+0.2
23	...	+0.4	0.1	+0.3	...	+0.2	0.1	0.1	+0.2	0.1	0.1	0.1
24	...	+0.6	0.1	+0.4	...	+0.2	0.1	+0.2	0.1	...	0.1	0.1
25	0.1	+0.7	0.1	...	+0.4	+0.3	...	+0.2	0.1	−0.2	...	...
26	0.1	+0.9	0.1	+0.4	+0.4	0.1	0.1	0.1	...	−0.5	0.1	...
27	0.1	+1.0	0.1	0.1	0.1	...	0.1	0.1	0.1	0.1	0.1	...
28	−0.2	...	...	0.1	0.1	0.1	0.1	0.1	−0.2	0.1	...	−0.2
29	−0.3	...	−0.2	0.1	0.1	0.1	0.1	...	−0.2	0.1	0.1	−0.4
30	−0.4	...	0.1	0.1	...	0.1	0.1	0.1	−0.2	0.1	0.1	−0.6
31	...	...	−0.2	...	...	...	0.1	0.1	...	...	...	0.1

Table II.

Monthly and Annual Means of the Principal Meteorological Elements at the Hongkong Observatory for the year 1909, and departure from the mean of 25 years, 1884 to 1908 inclusive, (+ excess ; − defect).

	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
Bar. Pressure at M.S.L. *	30.100	30.106	30.016	29.951	29.885	29.791	29.765	29.781	29.780	29.888	30.067	30.175	29.945
Departure	−.060	−.039	−.013	−.006	+.022	+.029	+.036	+.038	−.057	−.097	−.040	+.001	−.015
Temperature	59.6	60.4	64.1	71.1	74.9	82.1	82.2	82.8	82.2	77.8	70.4	63.6	72.7
Departure	+ 0.5	+ 2.4	+ 1.4	+ 1.0	− 1.9	+ 1.4	+ 0.4	+ 1.5	+ 1.8	+ 1.5	+ 1.2	+ 0.9	+ 1.0
Rel. Humidity %	80	81	81	79	83	80	81	81	80	77	62	59	77
Departure	+ 6	+ 5	− 2	− 6	0	− 3	− 1	− 2	+ 3	+ 6	− 3	− 7	0
Vap. Tension (Inches of Mercury)	0.431	0.431	0.497	0.612	0.720	0.876	0.891	0.909	0.880	0.740	0.469	0.357	0.651
Departure	+.036	+.052	+.014	−.025	−.053	+.029	−.002	+.025	+.078	+.058	+.009	−.032	+.015
Sunshine (Total hours)	85.0	85.6	64.2	155.4	113.9	230.3	252.0	215.3	202.6	137.5	187.1	249.7	1978.6
Departure	−57.8	− 2.2	−18.2	+ 51.1	− 39.9	+ 74.1	+ 50.2	+ 13.7	+ 6.0	−71.8	− 2.5	+ 70.5	+ 70.2
Cloudiness %	83	80	92	78	85	78	70	64	63	80	57	30	72
Departure	+ 19	+ 4	+ 9	− 3	+ 11	+ 2	+ 2	0	+ 6	+ 29	+ 6	− 21	+ 6
Rainfall (Total Inches)	1.460	1.660	2.345	2.455	6.700	7.385	12.825	8.310	8.595	23.985	0.065	0.000	75.725
Departure	+0.002	−0.090	−0.518	−3.427	−5.595	−8.998	+0.055	−5.861	−1.132	+19.420	−1.357	−1.185	−8.713
Wind Direction	E 15° N	E 11° N	E 5° N	E 8° N	E 5° N	E 78° S	E 15° S	S 32° W	E 2° S	E 24° N	E 51° N	E 18° N	E 7° S
Departure — N + S	− 1°	+ 3°	+ 2°	− 7°	− 18°	+ 25°	− 41°	+ 73°	+ 13°	− 5°	− 22°	+ 7°	+ 3°
Wind Velocity (Miles per hour)	14.1	14.2	16.5	14.1	13.4	12.5	14.1	7.8	9.0	16.8	12.6	11.4	13.0
Departure	+ 0.3	− 0.3	+ 0.6	− 0.8	+ 0.4	+ 0.1	+ 3.2	− 1.9	− 2.9	+ 2.2	− 0.5	− 1.0	− 0.1

* Not corrected to Standard Gravity.

Table III.

Mean Values and Hourly Excess above the mean of Meteorological Elements in 1909.

	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Mean or Total.
Pressure,	+.003	—.007	—.015	—.017	—.012	+.001	+.017	+.032	+.044	+.046	+.036	+.018	—.007	—.027	—.041	—.045	—.041	—.033	—.018	—.001	+.012	+.020	+.019	+.013	29.831
Temperature,	— 1.4	— 1.6	— 1.9	— 2.1	— 2.2	— 2.2	— 1.7	— 0.6	+ 0.4	+ 1.1	+ 2.0	+ 2.7	+ 2.8	+ 2.8	+ 2.6	+ 1.9	+ 1.2	+ 0.4	— 0.2	— 0.4	— 0.6	— 0.7	— 1.0	— 1.2	72.7
Diurnal Range,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8.1
Humidity,	+ 5	+ 5	+ 5	+ 5	+ 5	+ 5	+ 3	0	— 2	— 4	— 6	— 8	— 8	— 8	— 7	— 6	— 4	— 1	+ 1	+ 2	+ 3	+ 4	+ 4	+ 4	77
Vapour Tension,	+.008	+.007	+.002	—.001	—.004	—.006	—.005	—.007	—.008	—.010	—.007	—.009	—.006	—.005	—.007	—.007	—.003	.000	+.006	+.012	+.013	+.015	+.013	+.011	0.651
Sunshine (Total),	...	...	...	...	...	7.0	77.1	150.0	181.2	205.2	210.6	211.7	214.0	220.3	205.4	172.4	108.2	15.5	...	...	...	...	...	...	1978.6
Rainfall (Total),	3.905	3.995	4.055	5.405	5.275	3.350	3.575	2.960	3.560	4.030	2.945	2.630	3.815	3.100	2.655	4.250	2.885	2.795	1.910	2.160	1.400	2.105	2.705	2.580	75.725
Hours of Rain (Total),	39	33	44	43	39	37	37	38	38	44	33	31	31	31	25	26	23	20	15	26	17	29	33	41	773
Intensity of Rain,	0.100	0.121	0.092	0.119	0.083	0.091	0.097	0.078	0.094	0.092	0.089	0.085	0.123	0.100	0.106	0.163	0.125	0.140	0.127	0.083	0.082	0.073	0.082	0.063	0.098
Wind—Velocity,	— 1.3	— 1.1	— 1.0	— 1.4	— 1.3	— 1.5	— 0.8	+ 0.2	+ 1.0	+ 1.9	+ 1.9	+ 2.1	+ 2.4	+ 2.0	+ 1.9	+ 1.6	+ 0.2	— 0.1	— 1.1	— 1.3	— 1.0	— 1.3	— 1.0	— 0.8	13.0
Wind—Direction,	— 3°	— 2°	— 4°	— 5°	— 4°	— 4°	— 2°	— 4°	— 2°	— 2°	+ 2°	+ 4°	+ 7°	+ 7°	+ 7°	+ 5°	+ 2°	+ 1°	0°	— 1°	— 2°	— 1°	0°	— 3°	E 7° S
Cloudiness,	— 5	...	...	— 2	...	...	+ 7	...	...	+ 5	...	...	+ 2	...	...	+ 2	...	...	— 3	...	...	— 8	...	...	72
Solar Radiation,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	120.7
Excess of do.,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	43.7

Table IV.

Number of Hours during a portion of which it rained for each month of the year 1909.

Month.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Total.
January,	1	1	1	0	0	0	0	0	1	1	1	1	0	1	1	1	0	0	1	2	1	3	2	2	21
February,	3	1	1	1	2	2	2	1	3	3	2	1	1	2	1	1	2	1	3	4	1	4	4	5	54
March,	1	1	6	2	1	2	2	3	1	3	2	2	2	1	3	5	3	3	1	1	2	2	2	4	55
April,	3	1	0	0	1	1	2	1	0	0	0	1	1	1	1	0	0	0	3	4	2	2	3	4	31
May,	6	5	5	8	7	3	4	6	8	8	6	5	3	3	3	3	3	2	1	3	2	5	7	6	112
June,	5	2	5	6	7	4	3	5	5	6	3	1	4	4	3	4	4	2	2	1	2	3	1	1	83
July,	7	9	7	10	7	7	8	9	8	7	5	7	8	5	5	5	4	5	2	5	2	5	5	4	146
August,	5	6	7	4	3	7	5	3	3	5	3	5	3	6	4	0	0	0	0	2	2	3	4	5	85
September,	4	4	6	5	5	6	4	1	4	3	4	3	5	4	1	1	3	4	0	2	0	1	2	4	76
October,	4	3	5	6	5	5	6	1	4	8	7	5	4	4	3	6	3	3	2	2	3	1	3	5	101
November,	0	0	1	1	1	0	1	2	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	9
December,	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total,	39	33	44	43	39	37	37	38	38	44	33	31	31	31	25	26	23	20	15	26	17	29	33	41	773

Table V.

Number of Days with Wind from eight different points of the Compass during each month of the year 1909.

Month.	N.	NE.	E.	SE.	S.	SW.	W.	NW.
January,	3	6	19	...	...	...	2	1
February,	4	2	19	...	...	...	1	2
March,	2	4	23	...	2	...	...	...
April,	2	4	19	3	1	1	...	...
May,	1	2	24	2	2	...	...	...
June,	...	...	7	2	9	12	...	...
July,	...	1	18	5	3	3	1	...
August,	...	...	3	3	3	18	4	...
September,	...	1	18	4	...	2	2	3
October,	6	7	12	2	1	...	2	1
November,	11	8	10	...	...	1	...	...
December,	6	4	20	...	...	...	1	...
Sums,	35	39	192	21	21	37	13	7

Table VI.

Total Number of Days on which different Meteorological Phenomena were noted and total number of Thunderstorms during each month of the year 1909.

Month.	Fog.	Electric Phenomena.	Lightning.	Thunder.	Thunder-storms.	Unusual Visibility.	Dew.	Rainbow.	Lunar Halo.	Lunar Corona.	Solar Halo.	Solar Corona.
January,	3	...	...	...	...	...	1	...	...	1	...	...
February,	7	...	...	...	...	...	1	...	...	...	2	...
March,	5	...	...	...	...	...	...	...	...	2	...	...
April,	6	7	7	4	2	1	2	...	1	1	2	...
May,	3	4	4	2	1	1	4	1	...	2	1	...
June,	...	8	8	2	2	...	1	7	3	...	3	...
July,	...	21	20	10	9	5	10	8	3	5	1	...
August,	...	22	21	14	16	5	10	1	1	1	3	...
September,	...	18	17	9	8	...	7	4	2	1	4	...
October,	...	5	5	3	2	3	4	...	2	2	1	...
November,	1	...	...	...	...	1	1	...	2	2	4	1
December,	2	...	...	...	...	2	5	...	...	...	...	...
Sums,	27	85	82	44	40	18	46	21	14	17	21	1

Table VII.

Total Number of Times that Clouds of different forms were observed in each month of the year 1909.

Month.	c-str.	c-cum.	sm-cum.	cum.	cum-str.	str.	r-cum.	cum-nim.	nim.
January,	...	4	57	148	...	13	...	20	23
February,	17	3	42	102	...	9	...	20	46
March,	1	3	25	178	...	8	...	20	31
April,	9	6	61	167	...	1	...	26	20
May,	13	8	39	148	...	1	...	23	50
June,	57	1	17	209	...	...	...	6	21
July,	89	3	17	191	...	...	...	9	31
August,	82	6	18	183	...	...	...	6	26
September,	69	10	27	184	...	...	...	6	21
October,	32	1	12	188	...	...	...	8	36
November,	65	4	54	105	...	2	..	4	4
December,	27	4	58	69	...	1	...	...	...
Sums,	461	53	427	1872	...	35	...	148	309

Table VIII.

Month.	Barometric Tide.	Mean Diurnal Variability of Temperature.	Weight of Aqueous Vapour.	Rainfall.		Hourly Intensity of Rain.	Mean Direction of Clouds whence coming.		Number of Days with Clouds below.	
				Mean. 1884-1908.	1909.		Lower.	Upper.	2,000 ft.	1,000 ft.
January,	0.109	2.31	4.74	1.458	1.460	0.021	E 6° S	W 14° S	8	4
February,	0.106	2.39	4.75	1.750	1.660	0.013	E 6° S	W 3° S	12	5
March,	0.109	3.16	5.44	2.863	2.345	0.031	E 29° S	W 12° S	14	5
April,	0.092	3.07	6.61	5.882	2.455	0.049	E 65° S	W 8° S	6	2
May,	0.086	1.96	7.72	12.295	6.700	0.059	E 28° S	W 7° S	14	2
June,	0.079	1.17	9.27	16.385	7.685	0.205	S 19° W	W 6° N	2	0
July,	0.067	0.99	9.43	12.770	12.825	0.291	E 44° S	E 29° N	1	0
August,	0.079	1.03	9.61	14.201	8.340	0.214	W 45° S	N 21° W	6	2
September,	0.083	1.14	9.32	9.637	8.505	0.315	E 28° S	E 20° N	2	1
October,	0.095	1.88	7.90	4.562	23.985	0.329	E 2° N	E 25° S	4	1
November,	0.092	2.59	5.07	1.452	0.065	0.008	E 7° N	W 37° S	...	...
December,	0.116	1.99	3.92	1.185	...	...	E 11° S	W 20° S	...	...
Mean or Total,	0.093	1.97	6.98	84.438	75.725	0.115	E 38° S	...	69	22

Table IX.

Monthly Extremes of the Principal Meteorological Elements registered during the year 1909.

Month.	Barometer.		Temperature.		Humidity.	Vapour Tension.		Rain.		Wind Velocity.	Radiation.
	Max.	Min.	Max.	Min.	Min.	Max.	Min.	Daily Max.	Hourly Max.	Max.	Sun Max.
January,	30.223	29.757	73.4	50.8	52	0.636	0.255	1.160	0.600	40	121.2
February,	.275	.739	73.4	48.7	41	0.676	0.189	0.450	0.165	39	126.9
March,	.276	.647	77.8	53.0	46	0.838	0.243	1.000	0.300	40	128.1
April,	.001	.640	85.7	61.6	28	0.863	0.195	0.790	0.650	40	137.3
May,	29.931	.600	85.5	62.0	36	0.924	0.341	2.260	0.620	34	137.1
June,	.835	.467	90.0	73.9	57	1.005	0.666	2.610	0.550	40	141.5
July,	.874	.436	90.8	74.6	56	1.065	0.708	2.820	0.740	48	144.5
August,	.838	.481	90.5	74.9	51	1.008	0.707	1.720	0.705	34	141.1
September,	.866	.386	90.7	76.2	42	1.017	0.506	2.685	1.800	37	142.8
October,	30.003	.101	90.5	65.3	49	0.939	0.492	6.375	0.830	75	139.2
November,	.203	.764	82.8	54.8	20	0.794	0.171	0.035	0.015	34	138.8
December,	.328	.791	77.9	50.8	23	0.626	0.129	...	...	34	126.0
Year,	30.328	29.101	90.8	48.7	20	1.065	0.129	6.375	1.800	75	144.5

Table X.

Five-Day Means of the Principal Meteorological Elements observed at Hongkong in 1909.

Five-Day Periods.	Barometer.	Temperature.	Humidity.	Vapour Tension.	Wind Velocity.	Nebulosity.	Sunshine.	Rain.
Jan. 1– 5	29.905	64.0	79	0.480	18.7	9.6	1.9	0.042
„ 6–10	.903	63.8	91	.543	19 0	10.0	1.1	0.247
„ 11–15	30.056	58.5	76	.380	11.4	9.4	2.0	.....
„ 16–20	29.991	61.3	80	.440	12.4	7.2	3.8	.....
„ 21–25	30.065	57.1	75	.354	7.8	5.8	3 8	.....
„ 26–30	29.980	58.9	79	.395	15.2	8.3	2.7	0.003
„ 31– 4	.951	61.0	79	.428	11.5	5.7	6.1	.....
Feb. 5– 9	30.115	55.0	79	.345	7.9	9.7	0.6	0.130
„ 10–14	.108	59.3	66	.335	11.5	6.2	6.0	0.016
„ 15–19	29.959	64.7	79	.485	12.2	6.5	5.6	.....
„ 20–24	.893	60.6	90	.479	25.1	9.6	0.6	0.017
„ 25– 1	.884	61.5	93	.511	15.7	10.0	.....	0.173
Mar. 2– 6	.896	61.7	85	.470	18.8	9.5	1.5	0.338
„ 7–11	.748	68.6	92	.653	18.4	9.8	1.4	0.038
„ 12–16	.924	64.0	87	.529	13.9	9.2	2.2	0.054
„ 17–21	.965	63.8	84	.502	15.0	9.2	2.5	0.035
„ 22–26	30.025	64.2	69	.423	15.0	8.0	3.2	.....
„ 27–31	.017	63.0	72	.419	19.6	9.1	2.0	.....
Apr. 1– 5	29.895	68.6	86	.602	12.9	7.2	5.8	0.011
„ 6–10	.876	68.4	60	.420	9.7	8.3	3.7	0.138
„ 11–15	.855	72.9	84	.679	13.2	7.5	5.0	0.006
„ 16–20	.820	72.0	84	.663	16.9	6.8	7.4	0.008
„ 21–25	.776	71.2	87	.672	19.3	9.6	2.1	0.160
„ 26–30	.803	73.9	74	.636	12.7	7.4	7.2	0.168
May 1– 5	.801	72.4	85	.687	13.5	8.2	5.1	0.030
„ 6–10	.727	76.8	86	.792	10.7	8.8	3.5	0.139
„ 11–15	.788	74.3	79	.675	15.8	8.7	3.5	0.041
„ 16–20	.792	75.2	84	.736	13.0	8.0	4.0	0.265
„ 21–25	.730	75.3	93	.816	12.2	9.7	0.6	0.802
„ 26–30	.795	75.1	69	.604	13.5	7.2	6.0	0 059
„ 31– 4	.742	78.0	84	.804	18 5	9.7	3.9	0.014
June 5– 9	.722	81.7	82	.888	10.8	7.8	7.1	0.330
„ 10–14	.716	83.8	76	.881	9.3	6.4	10.3	0.015
„ 15–19	.677	84 2	75	.887	8.3	5.9	10.1	0.051
„ 20–24	.570	81.9	83	.898	17.8	8.6	6 6	0.754
„ 25–29	.670	81.6	81	.873	12.2	8.5	6.4	0.281
„ 30– 4	.677	83.0	78	.886	8.2	7.9	9.5	0.126
July 5– 9	.670	82.8	80	.904	10.4	4.9	10.6	0.300
„ 10–14	.537	81.4	84	.901	20.8	8.2	6.3	0.691
„ 15–19	.740	80.8	83	.868	19.6	6.7	7.3	1.043
„ 20–24	.740	80.7	83	.871	18.6	8.4	3.6	0.387
„ 25–29	.599	83.5	77	.881	9.2	6.5	10.3	0.003
„ 30– 3	.581	84.3	80	.945	6.9	6.4	8.7	0.196
Aug. 4– 8	.607	81.1	86	.907	5.7	9.2	2.7	0.435
„ 9–13	.601	82.4	85	.938	15 7	9.2	3.5	0.836
„ 14–18	.654	83.9	80	.932	11.4	6.0	8.7	0.045
„ 19–23	.723	82.8	80	.896	4.5	5.3	8.0	0.151
„ 24–28	.770	83.0	78	.881	4.5	4.6	9.4	0.050
„ 29– 2	.774	83.4	77	.882	4.5	2.5	10.9	0.006
Sept. 3– 7	.725	82.8	77	.867	4.8	4.6	9.2	.....
„ 8–12	.631	82.6	80	.894	14.9	6.5	7.6	0.530
„ 13–17	.591	82.1	81	.886	12.2	7.1	5.1	0.219
„ 18–22	.544	81.6	80	.864	7.4	7.8	3.7	0.590
„ 23–27	.742	81.9	83	.905	7.8	7.7	5.8	0.160
„ 28– 2	.806	81.7	79	.851	9.5	5.4	8.7	0.220
Oct. 3– 7	.717	79.1	71	.706	20.7	8.4	4.3	0.533
„ 8–12	.820	78.1	81	.779	20.1	7.1	2.9	0.147
„ 13–17	.819	79.8	80	.813	9.7	5.7	7.4	0.244
„ 18–22	.561	77.2	78	.721	22.8	8.9	2.5	2.544
„ 23–27	.814	76.3	80	.738	16.5	9.2	4.5	0.625
„ 28– 1	.931	73.6	75	.626	12.1	9.6	2.0	0.693
Nov. 2– 6	.940	72.2	78	.629	14.9	8.7	3.5	0.002
„ 7–11	.914	74.2	69	.588	16.1	6.9	4.8	0.001
„ 12–16	.984	69.7	65	.467	10.1	5.3	6.2	0.003
„ 17–21	.858	69.5	41	.290	14.0	6.0	6.7	.....
„ 22–26	.993	67.2	58	.406	9.9	2.9	8.6	.....
„ 27– 1	30.052	68.2	58	.398	10.3	2.9	9.4	.....
Dec. 2– 6	.016	65.5	52	.326	11.2	0.6	9.7	.....
„ 7–11	29.937	67.7	73	.494	13.5	2.8	8.2	.....
„ 12–16	30.084	60.4	48	.257	10.2	4.5	7.2	.....
„ 17–21	.114	62.2	57	.323	9.6	4.3	7.0	.....
„ 22–26	.156	59 4	56	.291	11.3	0.4	9.4	.....
„ 27–31	.037	65.6	67	.427	13.3	5.6	6.6	.....

Table XI.

Observations of Magnetic Declination and Dip.

1909.	H.K.M.T.	Declination East.	Observer.	H.K.M.T.	Dip North.	Needle No.	Observer.
January,	15d.2h.25m.p.	0° 1′ 56″	J.I.P.	13d.3h. 4m.p.	30° 58′ 5″	3	J.I.P.
					59 56	4	,,
February,	16 2 33 p.	0 3 17	,,	15 3 23 p.	31 1 12	7	,,
					30 56 41	8	,,
March,	17 2 32 p.	0 2 28	,,	15 3 7 p.	57 58	3	,,
					59 14	4	,,
April,	15 2 32 p.	0 2 8	,,	14 3 18 p.	31 0 56	7	,,
					30 57 23	8	,,
May,	19 2 32 p.	0 1 27	,,	17 3 15 p.	31 1 17	3	,,
					0 41	4	,,
June,	16 2 31 p.	0 1 31	,,	14 3 4 p.	30 59 28	7	,,
					31 0 41	8	,,
July,	19 2 35 p.	0 1 20	,,	16 2 53 p.	30 58 41	7	,,
					31 0 8	8	,,
August,	18 2 25 p.	0 1 8	,,	16 2 57 p.	1 0	3	,,
					0 4	4	,,
September,	15 2 36 p.	0 2 42	,,	13 3 3 p.	30 59 2	7	,,
					31 2 28	8	,,
October,	18 3 2 p.	0 3 7	,,	14 3 5 p.	2 26	3	,,
					2 26	4	,,
November,	17 2 29 p.	0 2 2	,,	15 3 1 p.	2 49	7	,,
					1 56	8	,,
December,	16 2 29 p.	0 2 40	,,	14 3 4 p.	3 10	3	,,
					2 56	4	,,

Table XII.

Observations of Horizontal Magnetic Force.

1908.	H.K.M.T.	Time of one Vibration.	Temperature Cent.	Log mX.	Value of m.	H.K.M.T.	Distance in Centimetres.	Temperature Cent.	Deflection.	Log $\frac{m}{X}$	Value of X.	Observer.
January,	14d.3h.16m.p.	3s .6561	19°.10	2.32433	568.97	14d.2h.27m.p.	30	18°.9	6° 31′ 43″.8	3.18585	0.37089	J.I.P.
							40		2 44 34 .4			
						4 9 p.	30	20 .0	6 31 28 .7			
							40		2 44 16 .2			
February,	17 2 52 p.	3 .6554	20 .85	2.32438	569.07	17 2 15 p.	30	20 .9	6 31 26 .2	3.18594	0.37087	,,
							40		2 44 31 .3			
						3 40 p.	30	21 .5	6 31 8 .8			
							40		2 44 15 .6			
March,	16 2 41 p.	3 .6563	22 .35	2.32450	569.12	16 2 5 p.	30	22 .5	6 31 17 .5	3.18591	0.37093	,,
							40		2 44 23 .1			
						3 52 p.	30	23 .4	6 30 37 .5			
							40		2 44 7 .5			
April,	16 2 50 p.	3 .6580	23 .60	2.32427	568.92	16 2 12 p.	30	23 .7	6 31 21 .2	3.18584	0.37087	,,
							40		2 44 19 .4			
						3 41 p.	30	24 .0	6 30 31 .3			
							40		2 43 51 .2			
May,	18 2 55 p.	3 .6645	26 .55	2.32331	568.74	18 2 18 p.	30	26 .4	6 31 12 .5	3.18652	0.37016	,,
							40		2 44 11 .2			
						3 47 p.	30	26 .7	6 30 55 .0			
							40		2 44 9 .4			
June,	15 2 50 p.	3 .6630	32 .60	2.32129	568.84	15 2 15 p.	30	32 .9	6 29 5 .0	3.18569	0.37094	,,
							40		2 43 23 .8			
						3 39 p.	30	33 .0	6 29 11 .3			
							40		2 43 23 .1			
July,	20 2 52 p.	3 .6620	28 .50	2.32424	568.53	20 2 11 p.	30	28 .6	6 29 37 .5	3.18527	0.37109	,,
							40		2 43 41 .9			
						3 44 p.	30	28 .4	6 29 22 .5			
							40		2 43 30 .0			
August,	17 2 50 p.	3 .6632	31 .50	2.32470	568.76	17 2 11 p.	30	31 .4	6 29 10 .0	3.18516	0.37134	,,
							40		2 43 15 .0			
						3 38 p.	30	31 .9	6 28 41 .3			
							40		2 43 18 .1			
September,	14 2 57 p.	3 .6653	32 .80	2.32422	568.49	14 2 12 p.	30	32 .4	6 28 57 .5	3.18522	0.37111	,,
							40		2 43 10 .6			
						3 45 p.	30	32 .6	6 28 55 .0			
							40		2 43 12 .5			
October,	15 2 47 p.	3 .6634	28 .30	2.32384	568.39	15 2 9 p.	30	28 .4	6 29 53 .8	3.18545	0.37085	,,
							40		2 43 31 .2			
						3 39 p.	30	28 .1	6 29 45 .0			
							40		2 43 44 .4			
November,	16 2 42 p.	3 .6598	25 .45	2.32413	568.34	16 2 9 p.	30	26 .3	6 30 13 .7	3.18508	0.37113	,,
							40		2 43 48 .7			
						3 30 p.	30	26 .8	6 29 43 .8			
							40		2 43 16 .3			
December,	15 2 55 p.	3 .6584	21 .70	2.32371	568.36	15 2 15 p.	30	21 .9	6 31 27 .5	3.18554	0.37076	,,
							40		2 44 10 .0			
						3 42 p.	30	22 .5	6 30 46 .3			
							40		2 43 51 .9			

Table XIII.

Results of Magnetic Observations made in 1909.

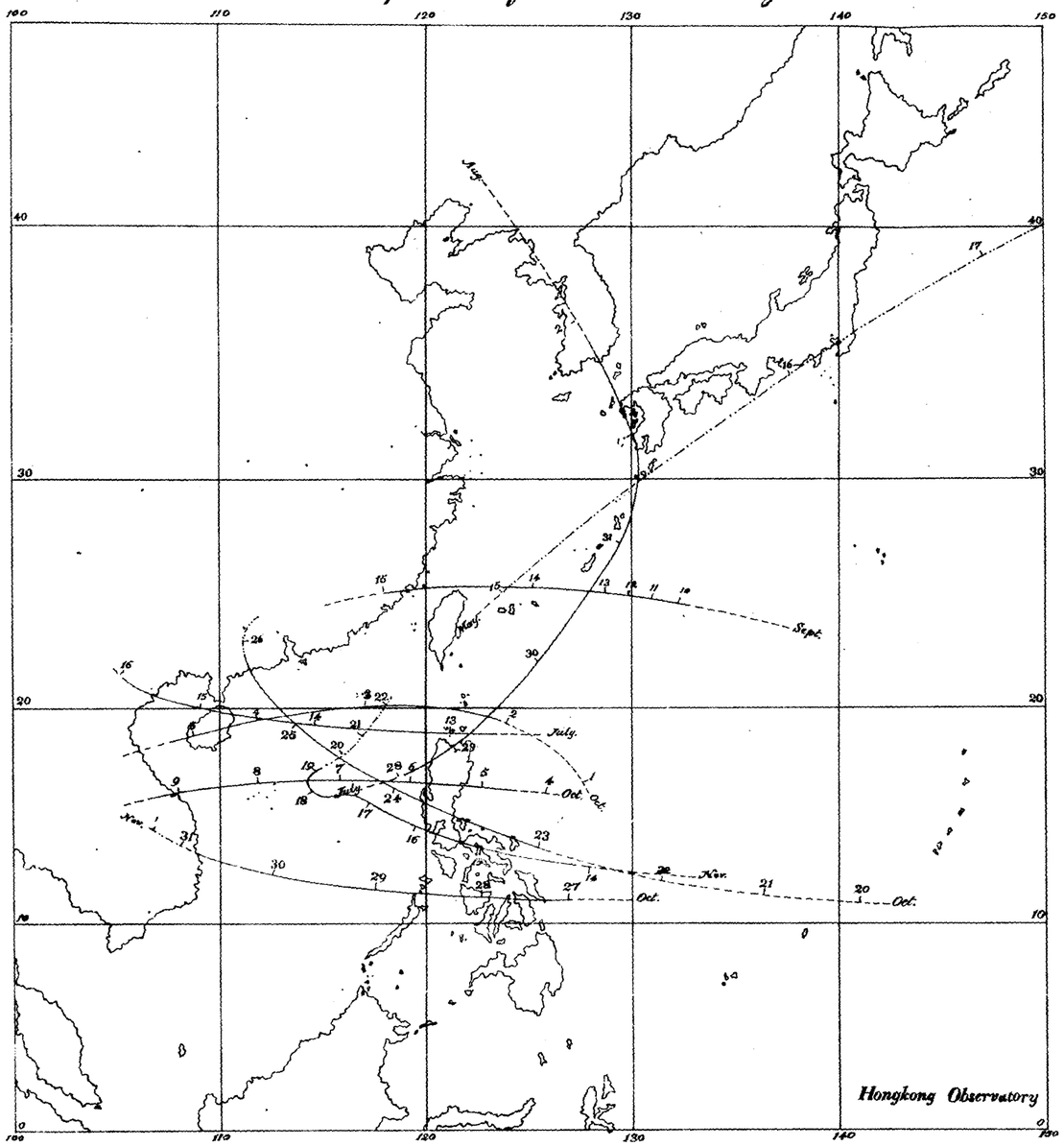
Month.	Declination East.	Dip North.	Magnetic Force.		
			X.	Y.	Total.
January,	0° 1′ 56″	30° 59′ 1″	0.37089	0.22271	0.43262
February,	0 3 17	30 58 57	0.37087	0.22268	0.43258
March,	0 2 28	30 58 36	0.37093	0.22267	0.43264
April,	0 2 8	30 59 10	0.37087	0.22271	0.43261
May,	0 1 27	31 0 59	0.37016	0.22256	0.43192
June,	0 1 31	31 0 5	0.37094	0.22289	0.43275
July,	0 1 20	30 59 25	0.37109	0.22289	0.43288
August,	0 1 8	31 0 32	0.37134	0.22320	0.43326
September,	0 2 42	31 0 45	0.37111	0.22309	0.43300
October,	0 3 7	31 2 26	0.37085	0.22319	0.43283
November,	0 2 2	31 2 22	0.37113	0.22334	0.43315
December,	0 2 40	31 3 3	0.37076	0.22322	0.43277
Mean,	0 2 9	31 0 27	0.37091	0.22293	0.43275

Table XIV.

Statement of Annual Expenditure on the Observatory Department.

Year.	Total Expenditure.	Increase.	Decrease.
	$ c.	$ c.	$ c.
1900	18,651.55	...	...
1901	18,111.10	...	540.45
1902	22,480.98	4,369.88	...
1903	22,780.97	299.99	...
1904	21,937.15	...	843.82
1905	21,220.40	...	716.75
1906	19,995.17	...	1,225.23
1907	20,110.53	115.36	...
1908	21,110.61	1,000.08	...
1909	22,388.63	1,278.02	...

Typhoon Tracks of 1909
in two plates
Dated at the noon position of the centre each day. Plate. I.

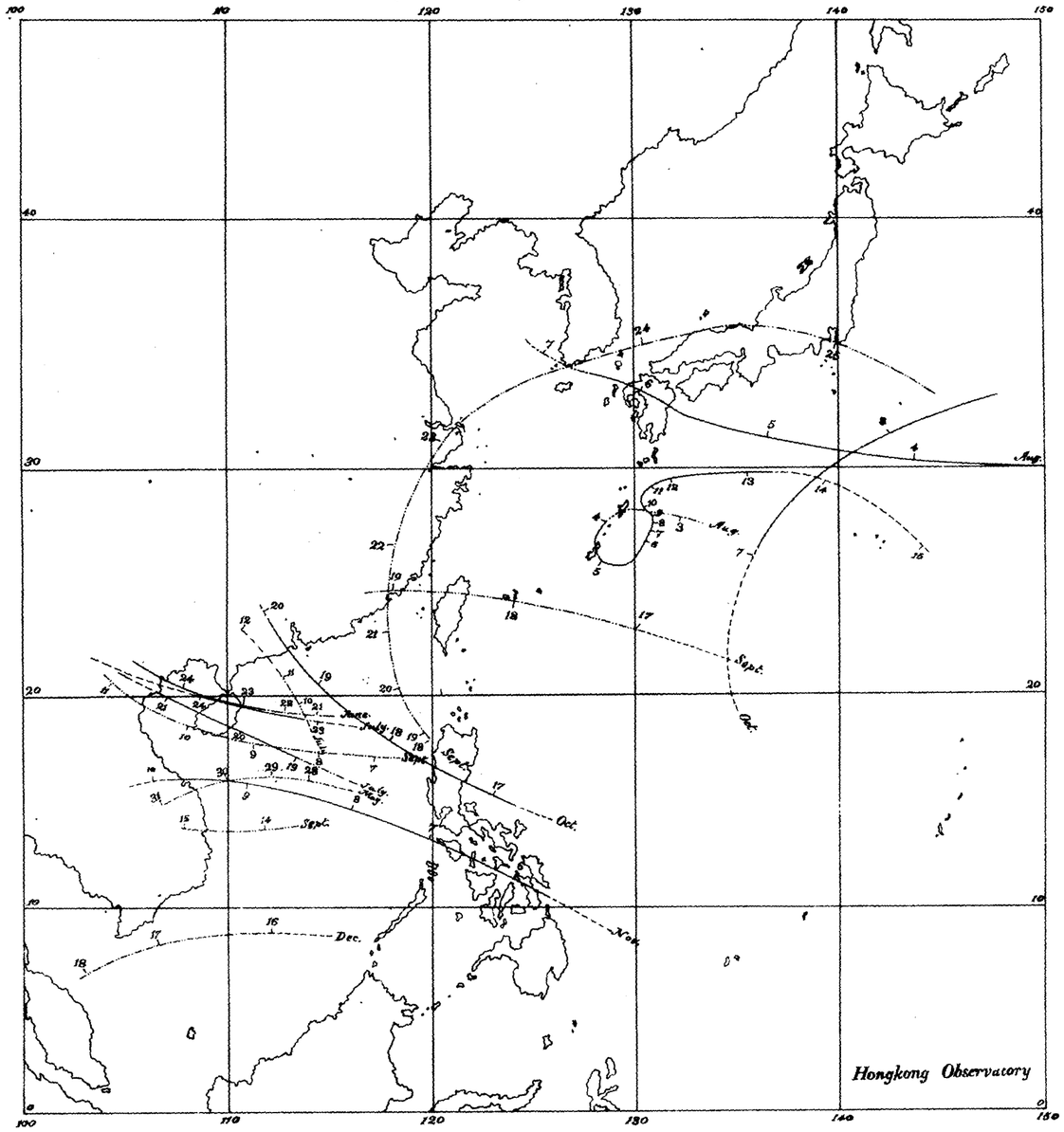


Typhoons. thus ————

Less intense depressions thus—·—·—

Where dotted the tracks are approximate or doubtful.

Typhoon Tracks of 1909
in two plates
Dated at the noon position of the centre each day. Plate. II.



Typhoons. thus ————

Less intense depressions thus—·—·—

Where dotted the tracks are approximate or doubtful.

TABLE II.

TEMPERATURE, FOR THE MONTH OF JANUARY, 1909.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.	Max.	Min.
Jan. 1,	62.6	61.5	60.2	59.8	59.5	58.8	57.9	58.6	60.5	61.5	63.6	63.9	64.3	63.9	62.9	61.8	61.1	60.9	61.2	61.6	61.2	60.7	60.7	60.2	61.2	64.3	57.9
„ 2,	59.9	59.7	59.8	59.7	59.5	59.5	59.6	59.9	60.9	62.0	62.6	62.7	63.5	63.1	62.9	62.3	62.7	62.4	61.9	60.6	61.3	61.6	61.9	62.7	61.4	64.1	59.0
„ 3,	62.9	63.2	62.5	62.7	62.9	62.9	64.2	65.0	66.9	66.8	68.0	68.5	67.9	70.5	69.9	68.5	67.1	66.4	65.7	65.4	65.6	64.9	65.4	65.2	65.8	71.1	62.2
„ 4,	65.5	65.8	66.1	65.9	66.3	66.7	66.9	67.3	67.9	69.2	69.9	68.9	68.0	68.7	68.3	67.9	67.0	65.3	65.4	65.1	65.7	64.9	64.6	64.2	66.7	69.9	63.9
„ 5,	63.7	63.8	63.7	64.6	64.9	64.6	64.9	64.9	64.7	64.6	65.3	66.4	65.5	65.1	65.0	65.5	65.8	65.2	65.7	65.7	65.5	65.2	65.9	66.3	65.1	66.6	63.4
„ 6,	66.2	66.5	66.6	66.2	65.9	66.1	65.6	65.8	65.9	66.0	66.6	66.9	65.9	65.9	66.1	65.9	65.2	65.0	65.4	65.4	65.6	65.7	65.6	65.8	65.9	67.0	64.8
„ 7,	65.7	65.9	65.3	64.7	64.6	64.8	64.9	64.9	65.4	65.3	65.6	65.4	64.9	64.9	65.1	64.5	63.9	62.9	62.9	62.7	62.4	62.9	62.5	62.2	64.3	65.9	62.2
„ 8,	62.5	62.1	62.2	62.1	61.9	61.3	60.9	61.4	61.4	61.5	61.9	61.9	61.2	61.5	61.9	61.9	60.7	59.9	59.3	58.4	59.9	60.9	60.5	60.5	61.2	62.5	58.2
„ 9,	60.6	60.5	60.8	60.6	60.3	59.9	60.4	61.4	63.9	64.6	65.1	66.1	65.0	67.1	66.9	66.6	64.9	64.7	64.9	64.4	64.4	64.1	64.2	64.7	63.6	67.4	59.8
„ 10,	64.9	64.4	64.6	63.7	63.6	63.3	63.4	64.4	64.6	64.7	65.1	64.5	64.1	65.2	65.1	65.3	64.9	64.9	64.7	62.9	63.4	62.7	62.6	63.3	64.2	65.1	62.0
„ 11,	63.3	63.4	63.4	62.3	62.1	62.0	62.0	62.5	62.9	64.4	64.6	64.9	65.9	64.5	64.1	63.9	63.5	63.7	63.6	63.7	63.7	63.6	62.6	61.8	63.4	65.9	61.6
„ 12,	61.9	61.5	61.3	60.6	59.7	58.8	58.0	58.9	59.7	61.9	63.1	64.3	62.9	63.1	62.1	59.9	60.5	60.4	59.8	59.7	59.4	59.3	59.1	59.3	60.6	64.8	57.9
„ 13,	59.0	58.7	58.6	58.8	59.6	58.7	58.3	59.5	59.9	61.9	64.9	63.7	63.9	63.7	63.1	61.1	59.1	58.0	57.7	57.7	56.0	55.8	55.5	54.1	59.5	65.2	53.7
„ 14,	53.4	53.4	53.2	53.2	52.5	52.3	52.0	52.9	54.9	55.9	56.6	57.1	58.5	59.0	60.9	56.8	55.6	53.7	52.4	52.0	51.9	52.2	52.8	52.6	54.4	60.9	51.6
„ 15,	52.2	52.5	52.3	51.7	52.0	51.5	51.6	53.0	53.9	53.9	56.4	57.1	57.9	58.4	57.9	58.0	56.9	55.9	55.0	54.9	54.6	55.1	55.2	54.4	54.7	58.8	50.8
„ 16,	54.4	54.9	55.8	55.9	54.9	54.6	54.5	55.6	57.0	56.9	58.6	58.7	59.9	60.9	60.7	59.6	58.9	58.0	57.6	57.9	57.4	57.9	57.7	58.0	57.3	61.2	53.8
„ 17,	57.7	57.4	58.3	58.3	58.5	58.5	58.1	58.9	59.7	60.7	60.9	61.6	62.5	63.7	62.9	61.7	60.9	61.0	61.1	61.6	62.0	62.0	62.3	62.4	60.5	63.9	56.8
„ 18,	62.3	62.6	62.3	61.6	61.3	61.2	61.9	62.5	63.4	63.7	64.1	64.9	65.2	65.2	64.7	64.6	63.8	63.8	63.8	63.3	63.4	63.8	64.2	64.5	63.4	65.9	60.9
„ 19,	64.7	64.4	64.2	64.0	64.9	64.9	64.5	64.9	67.7	68.2	72.7	72.9	70.7	72.3	72.1	71.1	66.9	64.9	63.9	63.6	62.7	62.4	61.5	61.4	66.3	73.4	60.8
„ 20,	60.2	59.1	58.7	58.7	58.7	57.9	57.9	58.9	60.1	60.7	59.9	60.5	60.9	60.4	59.7	59.6	58.7	58.0	57.9	57.9	57.8	58.0	57.4	57.8	59.0	60.9	57.2
„ 21,	58.1	58.4	56.5	55.6	56.1	55.7	55.3	55.1	57.8	58.0	59.1	59.7	59.6	60.9	60.2	60.9	57.9	57.0	55.9	55.9	55.3	54.9	54.2	54.7	57.2	60.9	53.8
„ 22,	54.3	53.7	52.8	52.5	52.4	52.1	52.3	52.7	52.9	53.0	52.5	53.2	53.1	55.1	55.6	54.4	53.7	52.9	53.3	52.9	52.9	52.7	53.6	54.6	53.3	55.6	51.9
„ 23,	54.2	54.3	54.6	53.4	52.5	52.7	52.9	53.7	55.4	56.2	56.9	57.1	58.7	58.9	58.2	58.1	58.0	56.9	56.7	56.7	56.5	55.4	54.8	54.2	55.7	59.0	51.9
„ 24,	54.3	53.7	53.6	53.7	53.4	53.2	53.7	54.9	57.5	59.9	61.5	62.4	65.1	65.3	65.1	64.3	63.9	61.2	59.9	58.8	58.1	58.2	57.3	57.4	58.6	65.4	53.1
„ 25,	57.6	57.2	56.6	56.8	57.2	57.4	57.5	58.8	59.7	61.5	63.2	63.4	65.1	65.1	65.9	64.4	63.5	61.4	60.6	60.4	60.1	59.7	59.2	58.5	60.5	66.3	56.2
„ 26,	58.9	58.6	58.2	57.3	58.5	58.3	60.0	60.7	60.4	60.2	60.3	60.3	60.9	60.7	60.1	59.9	59.4	59.5	59.7	59.6	60.2	60.4	60.0	60.2	59.7	61.1	56.8
„ 27,	60.1	59.5	59.4	59.3	59.6	58.9	59.0	59.9	61.3	62.7	63.0	63.6	64.1	65.1	64.0	63.5	62.7	61.5	60.4	60.4	60.6	60.9	60.5	60.3	61.3	65.7	58.3
„ 28,	60.6	60.3	60.5	59.7	60.4	60.0	59.6	59.5	59.5	62.1	61.5	61.1	61.5	59.9	59.7	60.9	59.9	59.2	58.6	58.4	58.2	57.9	57.5	57.3	59.7	62.1	56.9
„ 29,	54.6	54.5	53.7	54.4	54.3	54.1	53.8	54.4	54.9	55.7	55.9	55.9	55.7	55.1	56.5	57.2	56.9	56.9	57.4	57.7	57.9	57.7	57.5	57.3	55.8	57.9	53.6
„ 30,	56.7	56.7	56.6	56.5	56.4	56.0	56.1	56.2	57.0	58.4	57.9	59.1	60.9	60.7	59.9	59.4	58.9	58.4	58.2	58.3	58.5	57.9	57.5	58.7	58.0	61.0	55.9
„ 31,	58.6	58.4	58.6	58.7	59.1	58.7	58.8	60.8	60.8	61.9	63.5	63.9	64.3	63.9	62.6	61.4	60.9	60.7	59.9	59.9	60.1	59.9	59.8	60.1	60.6	65.1	57.9
Means,	59.7	59.6	59.4	59.1	59.1	58.9	58.9	59.6	60.6	61.4	62.3	62.6	62.8	63.2	62.9	62.3	61.4	60.7	60.3	60.1	60.1	60.0	59.8	59.8	60.6	64.1	57.6

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION, FOR THE MONTH OF JANUARY, 1909.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.	Solar Max.
Jan. 1, ...	53.6	53.6	53.7	52.6	52.5	52.3	52.4	51.6	52.6	53.1	55.0	55.1	55.3	54.9	54.7	56.6	56.4	56.7	56.7	57.1	56.9	56.4	55.8	56.1	54.7	102.2
„ 2, ...	55.7	55.7	55.6	55.5	55.5	55.5	55.4	54.9	55.5	56.0	56.1	56.6	57.1	56.7	56.9	56.5	57.9	58.4	58.4	58.9	59.7	59.3	59.5	59.4	56.9	118.0
„ 3, ...	59.6	59.9	59.8	60.1	60.3	60.4	61.3	61.7	62.9	62.7	63.8	64.0	63.9	65.1	64.5	63.5	63.3	62.9	62.9	63.4	63.4	63.5	63.5	63.6	62.5	109.5
„ 4, ...	63.4	62.8	63.1	63.2	63.3	63.0	63.1	63.4	63.9	63.4	63.9	63.3	62.4	61.9	63.3	63.9	63.4	64.1	64.9	64.1	64.9	64.4	63.9	63.5	63.5	105.1
„ 5, ...	63.0	62.8	63.4	63.5	63.7	63.6	63.7	63.9	63.5	63.4	64.1	64.5	63.9	63.9	63.9	64.0	63.9	63.9	64.2	64.1	64.5	64.9	65.2	65.9	64.0	99.0
„ 6, ...	65.7	65.8	66.1	65.7	65.0	65.3	65.0	65.1	64.9	65.3	65.3	65.4	64.9	64.9	65.0	65.4	64.4	64.1	64.9	64.9	65.1	65.1	65.0	65.0	65.1	90.0
„ 7, ...	64.9	64.6	64.7	64.7	64.4	64.7	64.7	64.5	64.9	64.7	64.9	64.9	64.1	64.4	64.0	63.4	62.9	62.1	62.4	61.9	61.6	61.9	61.7	61.3	63.7	83.1
„ 8, ...	61.2	60.7	60.6	60.4	59.7	60.3	60.0	60.1	59.9	59.9	60.1	59.9	59.4	59.5	59.7	60.0	58.9	58.9	58.1	57.9	59.4	59.9	59.8	59.8	59.8	84.8
„ 9, ...	59.6	59.7	59.8	59.8	59.1	59.0	59.9	59.9	62.0	61.9	62.4	62.9	61.9	63.1	62.5	62.9	62.9	62.0	62.4	62.4	62.9	61.9	61.7	61.7	61.4	105.8
„ 10, ...	62.0	61.6	61.5	61.8	61.9	61.7	61.3	60.6	60.6	61.4	60.9	60.5	60.9	61.0	60.9	61.4	61.4	61.9	61.7	61.9	61.4	61.4	60.8	60.9	61.3	115.0
„ 11, ...	61.0	60.7	60.8	61.0	60.9	60.8	60.9	61.5	60.9	61.9	61.9	61.7	61.7	61.9	61.5	60.9	60.9	61.6	61.6	61.6	61.7	61.4	61.3	60.7	61.3	110.5
„ 12, ...	60.4	60.6	60.5	58.9	57.6	57.5	56.5	56.2	56.4	58.9	58.3	59.1	58.5	58.5	58.7	57.6	56.7	56.7	55.9	56.0	55.0	55.8	55.1	55.5	57.5	104.8
„ 13, ...	55.7	55.5	55.6	55.7	55.9	55.8	54.6	55.5	55.4	56.9	57.8	57.0	57.1	56.5	55.9	55.1	53.3	52.9	53.0	52.5	50.9	51.2	50.4	49.6	54.6	115.3
„ 14, ...	49.6	49.4	49.4	49.4	47.8	48.5	47.6	48.4	50.4	50.9	51.7	61.9	52.1	52.9	53.0	50.8	50.0	48.6	47.1	47.0	47.0	47.1	47.7	48.3	49.4	103.6
„ 15, ...	47.6	48.4	48.6	48.4	47.6	47.6	47.8	48.3	49.9	49.9	50.9	51.1	51.9	52.5	52.0	51.9	51.1	50.7	50.9	50.7	50.4	50.6	51.1	51.2	50.0	89.4
„ 16, ...	51.0	51.3	52.4	53.0	51.5	51.3	50.5	51.4	51.9	52.4	53.4	53.4	54.5	54.6	54.5	54.5	53.9	53.6	53.7	53.7	53.7	53.9	54.6	54.9	53.1	118.6
„ 17, ...	54.9	54.6	55.6	54.6	55.5	55.4	55.7	55.9	56.7	57.0	57.1	57.6	58.5	59.1	58.9	58.5	57.9	58.0	58.4	58.6	59.0	59.1	49.4	59.8	57.3	113.7
„ 18, ...	59.8	59.9	59.6	59.2	59.4	59.3	59.9	60.3	60.7	60.8	61.3	61.5	61.4	61.5	60.4	60.9	61.7	61.7	61.6	60.4	60.6	61.6	62.5	63.0	60.8	121.2
„ 19, ...	63.2	62.9	62.7	62.6	63.2	62.9	62.3	62.4	63.5	64.9	67.5	66.9	65.0	66.1	65.0	65.9	63.1	61.1	61.1	60.7	59.9	59.2	58.8	58.0	62.9	119.1
„ 20, ...	56.8	56.1	55.8	55.3	55.1	54.4	54.4	54.0	55.0	55.7	55.0	55.5	56.4	56.1	55.1	56.2	55.9	55.3	54.9	54.9	55.0	55.0	54.6	54.8	55.3	78.7
„ 21, ...	55.0	55.4	54.6	53.6	53.9	52.6	52.2	52.1	53.6	53.9	54.7	55.1	55.3	55.1	54.6	54.8	52.6	52.2	51.8	50.9	51.2	51.1	50.1	51.0	53.2	94.5
„ 22, ...	50.6	50.6	49.8	49.4	49.4	49.0	49.4	49.5	49.8	49.2	48.9	49.3	48.9	49.5	49.9	48.5	47.9	48.9	48.6	48.2	48.2	47.9	49.0	50.0	49.2	81.8
„ 23, ...	49.8	49.4	49.7	49.6	49.7	50.7	50.9	51.4	52.9	52.9	53.3	53.4	53.9	54.1	53.9	53.5	54.1	53.4	53.5	53.9	53.6	52.9	52.7	51.7	52.3	102.6
„ 24, ...	52.0	51.2	51.0	50.7	50.9	50.7	50.6	51.6	52.1	54.4	55.0	56.1	57.2	57.7	57.9	57.4	57.2	57.1	56.9	56.5	56.0	56.0	55.3	55.0	54.4	109.6
„ 25, ...	54.8	54.7	54.5	54.2	54.1	55.2	54.9	55.0	55.6	56.6	57.7	57.6	58.4	59.5	58.8	57.9	57.1	56.9	56.1	56.4	56.1	56.2	56.5	56.1	56.3	113.0
„ 26, ...	55.9	55.9	56.2	55.3	55.9	55.5	56.0	56.3	57.2	57.3	57.2	56.7	56.9	56.9	56.7	56.1	55.5	55.5	56.5	56.9	57.5	57.1	56.8	57.2	56.5	86.1
„ 27, ...	57.0	56.6	56.7	56.8	57.1	56.8	56.9	57.1	57.9	58.3	58.2	58.2	59.0	59.5	58.9	59.5	58.1	57.9	57.5	57.9	58.1	58.4	57.9	58.3	57.9	117.0
„ 28, ...	59.5	58.7	58.8	58.3	58.1	57.7	56.2	55.9	54.7	56.9	56.3	56.1	56.2	54.5	54.2	55.4	54.9	54.6	54.4	53.4	52.5	52.4	52.6	52.7	55.6	80.6
„ 29, ...	52.3	52.4	51.7	52.3	52.0	52.0	51.2	51.6	52.1	52.9	52.9	52.9	53.4	53.2	53.9	54.4	53.4	53.5	53.7	53.7	53.9	53.7	53.7	53.5	52.9	77.5
„ 30, ...	53.5	53.4	53.2	52.8	52.9	52.9	52.6	52.6	52.9	52.9	53.6	53.9	54.4	54.1	53.9	54.9	55.4	54.9	55.1	55.6	55.9	55.9	55.5	56.3	54.1	105.9
„ 31, ...	55.8	55.6	55.9	55.6	56.0	54.7	54.7	55.6	56.6	57.9	58.4	58.9	59.0	58.7	58.1	58.2	57.5	57.6	57.4	56.9	57.7	56.7	56.6	56.9	57.0	116.2
Means, ...	56.9	56.8	56.8	56.6	56.4	56.4	56.2	56.4	57.0	57.6	58.0	58.1	58.2	58.3	58.1	58.1	57.5	57.3	57.3	57.2	57.2	57.2	57.1	57.2	57.2	102.3

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR, FOR THE MONTH OF JANUARY, 1909.

Hours.	Hourly Means. Humidity.	Hourly Means. Tension.	Date.	Daily Means. Humidity.	Daily Means. Tension.
			1909.		
1 a.	83	0.432	Jan. 1,.....	63	0.343
2 „	83	.431	„ 2,.....	74	.405
3 „	84	.433	„ 3,.....	82	.523
4 „	85	.432	„ 4,.....	83	.545
5 „	84	.426	„ 5,.....	94	.583
6 „	85	.428	„ 6,.....	96	.610
7 „	84	.422	„ 7,.....	97	.584
8 „	81	.419	„ 8,.....	92	.497
9 „	79	.424	„ 9,.....	88	.517
10 „	78	.432	„ 10,.....	84	.505
11 „	76	.431	„ 11,.....	88	.516
Noon.	75	.431	„ 12,.....	81	.434
1 p.	74	.431	„ 13,.....	71	.363
2 „	73	.428	„ 14,.....	68	.288
3 „	73	.426	„ 15,.....	70	.300
4 „	76	.431	„ 16,.....	74	.350
5 „	78	.429	„ 17,.....	81	.429
6 „	80	.431	„ 18,.....	85	.500
7 „	82	.437	„ 19,.....	82	.530
8 „	83	.437	„ 20,.....	78	.390
9 „	83	.437	„ 21,.....	75	.354
10 „	83	.438	„ 22,.....	73	.297
11 „	84	.437	„ 23,.....	79	.349
Midt.	84	.440	„ 24,.....	75	.369
			„ 25,.....	75	.399
			„ 26,.....	81	.416
			„ 27,.....	80	.437
			„ 28,.....	75	.389
			„ 29,.....	81	.365
			„ 30,.....	76	.369
			„ 31,.....	79	.419
Mean, ...	80	0.431	Mean, ...	80	0.431

TABLE V.

DURATION OF SUNSHINE

Date.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Sums.
1909.														
Jan. 1,.....	...	...	...	...	...	0.5	0.1	...	...	0.1	...	...	...	0.7
„ 2,.....	...	...	0.1	0.7	0.9	1.0	1.0	1.0	1.0	0.7	...	...	...	6.4
„ 3,.....	...	...	...	0.2	...	...	...	0.1	0.4	...	...	0.2	...	0.9
„ 4,.....	...	..	...	0.1	0.2	0.2	0.2	...	0.3	...	...	...	...	1.0
„ 5,.....	...	...	...	...	...	0.1	...	...	0.3	...	...	...	...	0.4
„ 6,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 7,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 8,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 9,.....	...	...	...	0.1	0.1	0.3	...	0.2	0.7	0.4	0.3	...	...	2.1
„ 10,.....	...	...	...	...	0.7	1.0	0.3	...	0.6	0.6	...	...	...	3.2
„ 11,.....	...	...	...	...	...	0.3	0.9	0.3	...	...	...	...	...	1.5
„ 12,.....	...	...	...	...	...	...	0.2	...	0.1	...	...	...	...	0.3
„ 13,.....	...	...	...	0.4	0.6	1.0	1.0	0.6	0.3	1.0	0.5	...	...	5.4
„ 14,.....	...	...	...	...	...	...	...	0.1	0.9	1.0	0.1	...	...	2.7
„ 15,.....	...	...	...	...	...	0.1	...	...	...	...	...	...	...	0.1
„ 16,.....	...	...	...	...	0.4	0.7	0.9	0.9	1.0	1.0	1.0	0.4	...	6.3
„ 17,.....	...	...	...	...	0.3	0.6	0.4	0.7	1.0	1.0	0.7	...	...	4.7
„ 18,.....	...	...	...	...	...	...	...	0.5	0.1	...	...	...	...	0.6
„ 19,.....	...	...	0.2	0.8	1.0	1.0	1.0	1.0	1.3	0.9	0.5	...	...	7.4
„ 20,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 21,.....	...	...	...	..	...	...	...	...	...	0.4	0.6	...	...	1.0
„ 22,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 23,.....	...	...	...	...	..	...	...	...	...	1.0	...	...	...	1.0
„ 24,.....	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	...	9.9
„ 25,.....	...	...	...	0.1	0.2	1.0	1.0	1.0	1.0	1.0	1.0	0.6	...	6.9
„ 26,.....	...	...	...	...	...	...	...	...	...	0.2	...	...	...	0.2
„ 27,.....	...	...	0.7	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	0.5	...	9.1
„ 28,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 29,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 30,.....	...	...	...	0.1	0.2	...	0.2	0.8	0.9	0.9	0.5	0.6	...	4.2
„ 31,.....	...	0.3	0.6	0.7	1.0	1.0	1.0	0.9	1.0	1.0	1.0	0.5	...	9.0

TABLE VI.

RAINFALL FOR THE MONTH OF JANUARY, 1909.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Sums.	Duration. Hours.
Jan. 1,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 2,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.015	...	...	...	...	0.015	1
„ 3,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 4,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.035	0.035	5
„ 5,	...	...	...	...	...	...	...	...	...	0.060	...	...	...	...	...	...	...	...	...	...	...	...	0.055	0.045	0.160	13
„ 6,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10
„ 7,	...	...	...	...	...	...	...	...	0.015	...	0.010	0.020	...	0.020	...	...	...	...	...	...	...	0.005	...	...	0.070	11
„ 8,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.010	0.015	...	...	0.330	0.600	*0.055	0.050	0.100	...	1.160	17
„ 9,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 10,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	...	...	0.005	2
„ 11,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
„ 12,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
„ 13,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 14,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 15,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 16,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 17,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 18,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 19,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 20,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 21,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 22,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 23,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 24,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 25,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 26,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 27,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 28,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 29,	0.005	0.005	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.015	5
„ 30,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 31,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	0.005	0.005	0.005	...	...	...	...	...	0.015	0.060	0.010	0.020	...	0.020	0.010	0.015	...	...	0.330	0.615	0.055	0.060	0.155	0.080	1.460	68

* Syphon probably failed to discharge. Rainfall determined by aid of check gauge.

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND, FOR THE MONTH OF JANUARY, 1909.

Date.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.		7 a.		8 a.		9 a.		10 a.		11 a.		Noon.		1 p.		2 p.		3 p.		4 p.		5 p.		6 p.		7 p.		8 p.		9 p.		10 p.		11 p.		Midt.		Vel.		Dir.
	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Sums.	Means.	Means.
Jan. 1,	1	20	2	15	32	14	32	13	32	12	32	10	1	8	32	4	2	2	2	6	3	5	8	11	6	12	7	17	7	20	7	21	6	22	7	24	7	26	7	28	7	30	7	29	6	32	7	33	414	17.3	5
„ 2,	6	26	7	30	7	24	7	29	8	26	7	30	7	31	7	29	6	24	7	27	6	31	7	28	7	25	7	19	10	20	8	17	9	13	9	15	8	17	7	15	7	19	7	17	7	18	7	16	546	22.7	7
„ 3,	8	16	8	13	7	7	9	3	6	3	2	2	8	5	10	9	9	13	9	11	10	9	10	7	10	4	10	8	9	15	9	21	9	17	9	16	8	15	8	14	8	15	8	14	8	18	8	15	270	11.3	9
„ 4,	8	12	8	15	8	15	8	15	8	12	8	12	9	18	8	18	7	21	6	26	7	30	7	29	6	27	6	23	7	24	7	22	7	21	7	19	7	20	7	16	6	18	7	22	8	19	8	27	481	20.0	7
„ 5,	8	25	8	29	8	29	8	28	8	27	8	24	8	24	7	26	7	24	8	26	8	22	7	21	8	23	8	25	8	22	9	21	8	22	8	20	8	20	8	18	8	15	9	14	9	14	9	17	536	22.3	8
„ 6,	9	18	8	17	9	19	10	19	8	19	9	18	8	18	8	19	8	18	8	18	8	19	8	21	8	21	8	22	8	22	8	24	7	29	8	20	8	23	8	20	8	20	8	18	8	21	8	21	475	19.8	8
„ 7,	8	19	8	21	9	22	8	22	8	19	8	18	8	22	8	21	8	19	8	21	8	14	9	17	9	19	9	13	9	17	9	14	8	16	7	23	7	26	7	22	6	23	7	29	7	23	7	28	488	20.3	8
„ 8,	7	29	7	31	7	32	7	35	7	32	7	29	7	34	7	37	7	39	7	37	7	36	7	37	6	30	6	21	7	13	5	6	32	5	1	8	1	4	29	9	7	12	9	18	32	7	24	4	546	22.7	7
„ 9,	11	4	7	9	4	8	6	6	32	3	32	3	32	2	23	4	26	2	24	5	24	9	23	9	23	7	24	8	25	9	23	5	25	7	25	5	25	3	22	2	11	6	6	5	7	4	6	9	134	5.6	27
„ 10,	7	15	6	19	7	17	7	23	7	20	6	21	7	28	7	30	7	32	7	34	7	40	7	33	7	31	6	31	7	37	7	38	7	28	7	26	6	23	6	21	7	17	8	23	8	26	8	29	642	26.8	7
„ 11,	8	24	8	27	8	21	8	25	8	21	8	29	8	27	8	29	7	31	7	26	7	30	7	27	7	26	7	19	8	21	8	20	8	18	8	19	7	17	7	22	7	18	7	18	7	23	7	24	562	23.4	8
„ 12,	7	25	7	20	6	13	7	8	3	5	2	5	4	5	2	4	3	5	4	5	2	3	4	3	23	10	24	12	24	19	25	8	1	8	1	7	1	6	32	6	32	5	32	5	32	5	32	5	188	7.8	3
„ 13,	30	2	32	5	30	2	30	2	32	2	1	5	32	6	2	7	1	8	2	5	9	5	8	13	9	13	2	12	32	12	32	12	32	11	32	13	32	7	2	10	32	10	32	7	2	8	1	17	194	8.1	2
„ 14,	1	11	1	12	1	11	32	10	1	11	1	9	32	13	2	12	32	10	31	8	31	7	32	11	32	8	30	6	31	7	32	12	1	13	32	15	1	13	2	9	1	14	32	12	32	7	32	9	250	10.4	32
„ 15,	1	10	2	3	2	8	2	8	1	9	1	9	1	5	1	3	6	12	8	15	6	9	7	6	9	6	7	5	8	10	32	7	1	8	6	9	3	5	3	4	1	4	7	8	6	9	7	3	175	7.3	4
„ 16,	7	2	32	3	6	9	5	16	2	13	3	5	3	4	2	2	6	12	7	20	7	19	8	19	9	16	9	14	9	17	9	16	8	16	8	15	8	11	8	12	7	10	7	13	7	14	6	12	290	12.1	7
„ 17,	5	12	5	13	6	17	5	24	6	22	5	20	7	24	6	28	6	29	5	30	7	32	6	30	6	27	6	27	6	26	6	23	5	24	6	20	6	12	6	12	7	14	7	14	9	9	10	10	499	20.8	6
„ 18,	9	11	7	15	7	13	8	15	9	13	8	10	8	12	8	13	8	17	8	18	8	22	9	18	8	18	7	19	8	15	8	12	8	14	8	13	9	17	8	18	9	19	6	10	10	7	11	3	342	14.2	8
„ 19,	8	3	8	10	9	18	9	13	9	10	9	13	10	13	10	13	10	9	9	9	11	6	8	10	8	7	6	4	29	6	24	11	24	14	23	18	24	9	26	13	27	9	27	10	26	8	26	5	241	10.0	9
„ 20,	28	3	25	3	...	1	3	3	32	2	24	9	23	7	...	1	32	3	27	5	22	5	22	3	10	10	9	11	9	8	9	2	3	2	8	9	8	8	7	9	7	6	5	3	...	1	...	0	114	4.8	7
„ 21,	2	2	9	6	...	1	3	6	1	7	32	5	32	5	32	7	32	5	32	4	...	1	4	2	4	3	1	8	32	4	24	7	32	9	32	6	32	6	32	8	32	2	1	4	1	10	32	7	125	5.2	1
„ 22,	32	7	32	6	32	8	32	9	32	4	32	7	32	4	2	2	31	4	25	7	1	9	32	9	32	7	1	4	27	4	32	7	32	7	32	6	32	5	1	7	1	5	1	2	...	0	6	7	137	5.7	32
„ 23,	5	12	6	12	6	12	5	14	5	19	5	21	6	22	5	21	7	23	6	28	6	22	5	20	7	15	7	17	7	13	8	12	9	9	8	6	9	7	9	2	...	0	3	3	27	7	27	8	325	13.5	6
„ 24,	23	3	23	3	23	3	...	1	25	4	23	6	23	7	24	8	24	8	24	9	23	11	23	11	24	11	24	12	23	10	24	6	24	2	19	2	28	7	28	5	28	4	28	4	28	6	28	5	148	6.2	24
„ 25,	26	4	23	3	24	4	28	6	22	4	23	2	...	1	26	9	24	14	24	13	24	14	23	17	24	16	21	11	23	13	23	14	24	12	22	12	24	9	25	9	25	8	24	5	24	3	...	1	204	8.5	24
„ 26,	...	1	...	0	...	1	...	1	...	1	19	2	11	12	6	19	7	19	7	19	7	19	8	18	8	18	8	18	8	18	8	21	8	17	7	14	7	17	7	21	7	23	7	24	6	27	6	23	353	14.7	7
„ 27,	7	19	7	14	8	18	8	12	8	11	9	17	8	20	8	25	8	27	8	28	9	18	7	16	6	17	7	14	8	14	8	16	9	15	8	15	8	9	8	5	8	3	...	1	8	4	7	8	344	14.3	8
„ 28,	8	7	9	10	8	10	9	14	8	5	3	4	2	5	2	5	1	6	32	7	1	4	32	7	30	3	32	5	32	10	32	8	32	4	32	7	32	3	32	8	1	10	1	8	1	5	1	3	158	6.6	3
„ 29,	1	9	2	6	32	3	4	8	32	3	3	8	3	7	5	17	6	23	6	21	7	16	5	13	1	13	6	18	6	25	7	23	6	28	7	27	7	23	7	26	7	24	6	25	7	27	7	29	422	17.6	6
„ 30,	7	35	7	36	7	35	7	31	7	34	7	28	7	34	7	35	7	30	7	33	7	31	6	25	7	22	7	21	9	21	6	21	8	18	8	17	8	12	6	12	6	10	..	1	7	3	8	6	551	23.0	7
„ 31,	8	2	8	5	8	5	8	11	6	5	10	11	10	16	10	17	9	15	8	22	8	20	8	18	9	21	8	22	8	21	8	21	8	18	8	17	8	11	8	12	10	11	10	11	10	11	10	13	345	14.4	9
Sums,	...	388	...	411	...	400	...	431	...	378	...	395	...	439	...	474	...	507	...	513	...	518	...	509	...	486	...	465	...	484	...	468	...	438	...	441	...	394	...	395	...	384	...	377	...	376	...	397	10199	437.5	...
Means,	...	12.5	...	13.3	...	12.9	...	13.9	...	12.2	...	12.7	...	14.2	...	15.3	...	16.4	...	17.5	...	16.7	...	16.4	...	15.7	...	15.0	...	15.6	...	15.1	...	14.1	...	14.2	...	12.7	...	12.7	...	12.4	...	12.2	...	12.1	...	12.8	338.7	14.1	...

TABLE VIII.

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 a.			4 a.			7 a.			10 a.		
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction
1909.												
Jan. 1, ...	10	cum.	...	10	cum.	...	10	cum.	SE	10	sm-cum.	SW
„ 2, ...	10	cum.	E	10	cum.	E	10	sm-cum.	SSE	7	sm-cum.	SSE
„ 3, ...	10	cum.	SSE	3	cum.	...	10	cum.	ESE	9	cum.	SE
„ 4, ...	10	cum.	SSW	10	cum.	...	10	sm-cum. / cum.	WSW / E	10	sm-cum. / cum.	SW / E
„ 5, ...	10	nim.	E	10	nim.	E	10	sm-cum. / cum.	ESE	10	nim.	E
„ 6, ...	10	nim.	E	10	nim.	E	10	nim.	ESE	10	cum-nim.	E
„ 7, ...	10	cum.	SE	10	cum.	SE	10	cum-nim.	...	10	nim.	E
„ 8, ...	10	nim.	E	10	cum-nim.	E	10	nim.	E	10	nim.	E
„ 9, ...	10	cum.	E	10	cum.	ENE	10	cum.	E	10	sm-cum.	WSW
„ 10, ...	10	cum.	E	10	cum.	E	10	cum-nim.	E	10	cum.	E
„ 11, ...	10	cum.	E	10	nim.	E	10	cum-nim.	E	10	cum.	E
„ 12, ...	10	cum-nim.	E	10	cum-nim.	...	10	cum-nim.	E	10	cum.	E
„ 13, ...	10	cum.	...	10	cum.	S	10	str-cum.	...	9	sm-cum.	W
„ 14, ...	10	str-cum.	...	10	str-cum.	...	10	str-cum.	ENE	10	sm-cum.	W
„ 15, ...	10	cum.	...	10	cum.	...	10	sm-cum. / cum.	...	10	sm-cum. / cum.	W / E
„ 16, ...	2	cum.	...	10	cum.	E	10	sm-cum. / cum.	W / E	10	sm-cum. / cum.	WNW / E
„ 17, ...	2	cum.	...	10	cum.	E	10	sm-cum. / cum.	WSW / E	10	cum.	E
„ 18, ...	10	cum.	E	10	cum.	E	10	cum.	E	10	sm-cum. / cum.	E
„ 19, ...	2	sm-cum.	...	10	cum.	...	8	sm-cum. / cum.	W / SE	4	cum.	E
„ 20, ...	1	sm-cum.	...	2	cum.	...	10	str-cum.	E	10	str-cum.	E
„ 21, ...	8	cum.	...	10	cum.	...	10	str-cum.	ENE	10	str-cum.	ENE
„ 22, ...	10	cum.	...	10	cum.	...	10	str-cum.	E	10	str-cum.	ENE
„ 23, ...	10	str-cum.	...	10	str-cum.	...	10	cum.	E	10	cum.	ENE
„ 24, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 25, ...	0	...	...	3	sm-cum.	...	10	sm-cum.	W	9	sm-cum.	W
„ 26, ...	0	...	...	4	cum.	S	10	cum.	SSE	10	cum.	ESE
„ 27, ...	10	cum.	E	10	cum.	E	10	sm-cum. / cum.	W / E	2	cum.	E
„ 28, ...	10	cum.	E	10	cum.	E	10	cum.	E	10	str-cum.	E
„ 29, ...	10	nim.	...	10	cum-nim.	...	10	cum-nim.	E	10	cum.	E
„ 30, ...	10	cum.	E	10	cum.	E	9	sm-cum. / cum.	WNW / E	10	sm-cum. / cum.	WNW / E
„ 31, ...	8	sm-cum. / cum.	W / E	4	sm-cum. / cum.	W / E	7	sm-cum.	W	7	sm-cum.	W
Means,...	7.8	...	...	8.6	...	...	9.5	...	...	8.9	...	...

TABLE VIII,—*Continued.*

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 p.			4 p.			7 p.			10 p.			Means.
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	
1909.													
Jan. 1,...	10	sm-cum. / cum.	SW / SE	10	sm-cum. / cum.	WSW / E	10	cum.	E	10	cum.	E	10.0
„ 2,...	7	c-cum. / cum.	SSE / ..	10	cum.	ESE	10	cum-nim.	E	10	cum.	S	9.2
„ 3,...	10	str-cum.	E	10	sm-cum. / cum.	SSW / ESE	10	sm-cum.	SSW	10	sm-cum.	SSW	9.0
„ 4,...	10	sm-cum. / cum.	SSW / E	10	sm-cum. / cum.	SW / E	10	nim.	...	10	nim.	E	10.0
„ 5,...	10	cum-nim.	E	10	cum-nim.	E	10	cum.	E	10	nim.	E	10.0
„ 6,...	10	nim.	SE	10	cum-nim.	S	10	cum-nim.	SE	10	cum.	SSE	10.0
„ 7,...	10	nim.	E	10	cum-nim.	E	10	nim.	E	10	cum-nim.	E	10.0
„ 8,...	10	nim.	E	10	cum-nim.	E	10	nim.	...	10	nim.	E	10.0
„ 9,...	10	sm-cum. / cum.	WSW / ..	10	sm-cum.	W	10	cum.	...	10	cum.	ESE	10.0
„ 10,...	10	cum.	E	10	cum.	E	10	cum.	E	10	nim.	E	10.0
„ 11,...	10	cum.	E	10	cum.	ENE	10	cum.	ENE	10	cum-nim.	E	10.0
„ 12,...	10	cum.	ENE	10	cum.	ENE	10	cum.	...	10	cum.	...	10.0
„ 13,...	8	sm-cum. / cum.	WSW / E	5	sm-cum. / cum.	W / E	10	cum.	...	10	cum.	...	9.0
„ 14,...	10	sm-cum. / cum.	W / E	6	c-cum. / sm-cum.	W	0	...	...	10	cum.	...	8.3
„ 15,...	10	str-cum.	E	10	sm-cum. / cum.	W / ..	10	cum.	...	7	cum.	...	9.6
„ 16,...	6	c-cum. / sm-cum. / cum.	W / .. / E	3	c-cum. / cum.	WSW / E	0	...	...	0	...	...	5.1
„ 17,...	10	cum.	E	4	cum.	E	10	cum.	E	10	cum.	E	8.2
„ 18,...	10	sm-cum. / cum.	E	10	cum.	ESE	2	cum.	...	9	cum.	E	8.9
„ 19,...	10	sm-cum. / cum.	W / ..	5	sm-cum. / cum.	W / ..	0	...	...	8	cum.	...	5.9
„ 20,...	10	str-cum.	E	10	cum-nim.	E	10	str-cum.	...	10	str-cum.	...	7.9
„ 21,...	10	str-cum.	ENE	8	sm-cum. / cum.	ESE	9	sm-cum.	...	10	str-cum.	...	9.4
„ 22,...	10	str-cum.	ENE	10	str-cum.	ENE	10	str-cum.	ENE	10	str-cum.	...	10.0
„ 23,...	1	sm-cum. / cum.	WSW / E	10	sm-cum. / cum.	W / E	1	cum.	...	0	...	...	6.5
„ 24,...	0	...	...	0	...	...	0	...	...	0	...	...	0.0
„ 25,...	2	cum.	...	1	cum.	...	0	...	...	0	...	...	3.1
„ 26,...	10	cum.	SSE	10	str-cum.	S	10	cum.	S	10	cum.	...	8.0
„ 27,...	4	cum.	E	1	cum.	...	0	...	...	10	cum.	...	5.9
„ 28,...	10	str-cum.	E	10	sm-cum.	W	10	sm-cum.	W	10	cum.	...	10.0
„ 29,...	10	nim.	E	10	cum.	E	10	cum.	E	10	cum.	E	10.0
„ 30,...	9	sm-cum. / cum.	WNW / E	9	sm-cum.	W	1	sm-cum.	...	3	cum.	E	7.6
„ 31,...	8	sm-cum.	W	2	sm-cum.	W	0	...	...	0	...	...	4.5
Means,...	8.5	...	...	7.9	...	...	6.9	...	...	8.0	...	...	8.3

TABLE IX.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR THE MONTH OF JANUARY, 1909.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N −S	+E −W	
1 a.	3.7	10.3	0.3	0.3	+ 3.4	+ 9.9	E 19° N
2 „	3.3	11.5	0.2	0.3	3.1	11.2	E 16° N
3 „	3.1	11.0	0.4	0.3	2.7	10.7	E 14° N
4 „	3.7	11.7	0.5	0.2	3.3	11.5	E 16° N
5 „	3.5	9.8	0.2	0.3	3.3	9.5	E 19° N
6 „	3.8	9.9	0.6	0.6	3.2	9.4	E 19° N
7 „	3.2	11.8	0.8	0.5	2.4	11.3	E 12° N
8 „	3.8	13.0	0.5	0.6	3.3	12.4	E 15° N
9 „	4.0	14.0	0.3	0.8	3.7	13.2	E 16° N
10 „	4.0	14.9	0.1	1.3	3.9	13.6	E 16° N
11 „	3.2	14.3	0.5	1.3	2.7	13.0	E 12° N
Noon.	3.4	13.7	0.6	1.3	2.8	12.4	E 13° N
1 p.	3.2	13.0	0.8	1.5	2.4	11.5	E 12° N
2 „	3.5	12.5	0.5	1.4	2.9	11.1	E 15° N
3 „	2.7	12.6	0.9	1.6	1.8	11.1	E 9° N
4 „	2.8	11.8	0.6	1.6	2.2	10.1	E 12° N
5 „	3.6	10.8	0.4	1.1	3.3	9.7	E 19° N
6 „	3.2	11.0	0.5	1.1	2.7	9.9	E 15° N
7 „	3.0	10.4	0.1	0.8	2.8	9.5	E 17° N
8 „	3.7	10.0	0.0	1.0	3.7	9.0	E 22° N
9 „	3.7	10.1	0.4	0.6	3.3	9.5	E 19° N
10 „	3.3	10.1	0.4	0.5	3.0	9.6	E 17° N
11 „	3.2	9.9	0.4	0.6	2.8	9.3	E 17° N
Midt.	3.2	10.5	0.5	0.6	+ 2.7	+ 9.9	E 16° N
Means,.....	3.4	11.6	0.4	0.8	+2.97	+10.76	E 15° N

PHENOMENA :—

Lunar corona :—on the 13th.

Fog :—on the 6th and 7th.

Slight fog :—on the 25th.

Dew :—on the 26th.

TABLE I.

BAROMETRIC PRESSURE, FOR THE MONTH OF FEBRUARY, 1909.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.
Feb. 1,...	29.913	29.900	29.894	29.896	29.902	29.910	29.925	29.948	29.969	29.988	29.982	29.943	29.906	29.868	29.837	29.836	29.842	29.864	29.878	29.894	29.907	29.913	29.911	29.906	29.905
„ 2,...	.896	.884	.875	.878	.888	.908	.929	.949	.965	.964	.941	.902	.866	.836	.818	.826	.843	.852	.863	.875	.883	.900	.895	.891	.889
„ 3,...	.891	.891	.873	.873	.869	.886	.916	.945	.957	.966	.947	.929	.899	.882	.881	.891	.910	.929	.943	.965	.989	30.001	30.020	30.023	.928
„ 4,...	30.031	30.031	30.033	30.027	30.044	30.065	30.084	30.107	30.132	30.150	30.131	30.110	30.089	30.069	30.071	30.079	30.101	30.109	30.114	30.121	30.139	.155	.171	.173	30.097
„ 5,...	.167	.149	.140	.125	.109	.124	.153	.177	.206	.205	.189	.164	.127	.118	.113	.112	.122	.129	.137	.158	.169	.172	.171	.171	.150
„ 6,...	.160	.144	.131	.131	.129	.147	.158	.185	.194	.200	.186	.175	.161	.149	.141	.145	.153	.163	.171	.181	.193	.205	.215	.225	.168
„ 7,...	.223	.209	.192	.175	.179	.197	.210	.219	.227	.225	.215	.178	.124	.122	.124	.122	.139	.145	.163	.180	.163	.157	.158	.151	.175
„ 8,...	.151	.132	.111	.098	.100	.103	.106	.124	.130	.126	.101	.068	.023	.002	29.992	.003	29.990	29.995	.006	.016	.027	.026	.017	.028	.061
„ 9,...	.026	.015	.010	.002	.012	.020	.061	.071	.082	.076	.065	.042	.012	29.991	.981	29.983	.996	30.007	.007	.002	.003	.003	.013	.017	.021
„ 10,...	.014	.008	29.995	29.996	.003	.023	.046	.069	.077	.075	.069	.046	.013	.999	.995	30.006	30.023	.041	.049	.059	.070	.073	.071	.077	.037
„ 11,...	.077	.074	30.072	30.073	.088	.125	.143	.167	.181	.188	.179	.151	.119	30.094	30.072	.081	.094	.118	.142	.157	.161	.174	.174	.184	.129
„ 12,...	.190	.184	.197	.212	.219	.224	.242	.260	.273	.275	.245	.222	.197	.175	.160	.151	.156	.175	.200	.219	.226	.228	.226	.215	.211
„ 13,...	.204	.186	.174	.167	.170	.181	.197	.172	.200	.216	.200	.179	.125	.090	.075	.065	.074	.061	.068	.103	.118	.128	.108	.107	.140
„ 14,...	.090	.071	.057	.050	.036	.042	.063	.089	.098	.100	.075	.041	.002	29.965	29.944	29.935	29.946	29.953	29.963	29.981	29.990	29.996	.010	29.998	.021
„ 15,...	.002	29.988	29.976	29.969	29.981	29.999	.008	.027	.043	.040	.024	29.994	29.956	.928	.913	.910	.917	.930	.946	.966	.979	.988	29.988	.982	29.977
„ 16,...	29.975	.970	.956	.959	.967	.980	.006	.019	.035	.054	.053	30.036	.988	.961	.950	.949	.968	.980	.989	30.011	30.034	30.047	30.049	30.058	30.000
„ 17,...	30.062	30.056	30.042	30.040	30.047	30.059	.080	.103	.115	.113	.088	.061	30.017	.995	.977	.970	.969	.980	.984	29.992	.005	.021	.014	.007	.033
„ 18,...	.002	29.991	29.973	29.965	29.955	29.977	29.982	29.990	29.995	29.995	29.974	29.954	29.915	.894	.873	.853	.870	.867	.864	.876	29.886	29.890	29.896	29.894	29.931
„ 19,...	29.876	.860	.850	.846	.844	.842	.856	.888	.890	.896	.890	.874	.845	.813	.809	.801	.812	.828	.839	.858	.867	.867	.868	.853	.853
„ 20,...	.843	.847	.840	.840	.836	.843	.856	.881	.902	.921	.929	.913	.893	.878	.874	.880	.896	.896	.916	.942	.956	.962	.952	.955	.894
„ 21,...	.957	.952	.954	.930	.941	.953	.954	.963	.972	.970	.982	.963	.932	.896	.886	.914	.926	.930	.921	.937	.934	.954	.956	.950	.943
„ 22,...	.932	.928	.928	.902	.912	.930	.937	.978	.998	.994	.989	.974	.954	.926	.917	.904	.906	.910	.914	.928	.928	.922	.926	.925	.936
„ 23,...	.918	.902	.897	.887	.899	.920	.947	.960	.970	.986	.971	.929	.907	.874	.849	.848	.853	.851	.859	.860	.857	.851	.852	.837	.895
„ 24,...	.826	.815	.803	.793	.801	.815	.852	.839	.845	.853	.826	.807	.783	.759	.746	.739	.749	.753	.770	.785	.792	.802	.795	.787	.796
„ 25,...	.782	.776	.768	.763	.774	.792	.815	.829	.840	.855	.842	.820	.789	.769	.745	.746	.755	.758	.784	.806	.819	.841	.851	.853	.799
„ 26,...	.847	.847	.843	.837	.855	.861	.888	.915	.932	.939	.934	.914	.881	.858	.836	.846	.847	.856	.864	.870	.884	.898	.901	.895	.877
„ 27,...	.881	.860	.843	.851	.859	.879	.904	.912	.937	.949	.934	.910	.882	.865	.850	.841	.841	.841	.856	.872	.882	.894	.895	.889	.880
„ 28,...	.887	.880	.868	.868	.873	.898	.928	.954	.965	.978	.973	.969	.938	.906	.898	.896	.900	.908	.915	.939	.951	.959	.963	.959	.924
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,.....	29.994	29.984	29.975	29.970	29.975	29.989	30.008	30.026	30.040	30.046	30.033	30.010	29.977	29.953	29.940	29.941	29.950	29.958	29.969	29.984	29.993	30.001	30.002	30.000	29.988

TABLE II.

TEMPERATURE, FOR THE MONTH OF FEBRUARY, 1909.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.	Max.	Min.
Feb. 1,.....	59.6	59.6	59.5	59.2	59.7	59.9	59.3	59.7	59.9	59.6	61.2	63.5	64.7	65.0	62.9	61.1	59.9	58.8	58.4	58.3	58.5	59.0	59.5	59.5	60.3	65.6	57.9
„ 2,.....	59.6	60.2	60.0	59.8	60.4	60.9	60.7	61.9	63.2	65.4	67.7	67.9	66.9	66.4	65.4	63.8	63.7	63.7	63.0	62.3	62.6	62.0	61.6	61.1	62.9	68.5	58.7
„ 3,.....	60.6	60.6	60.0	60.7	60.1	60.1	60.7	63.4	66.9	67.9	69.7	70.9	73.4	72.1	69.7	66.6	67.0	63.9	62.8	62.1	61.7	61.1	60.5	59.6	64.3	73.4	58.9
„ 4,.....	59.0	58.6	56.6	56.6	56.7	56.7	56.9	57.4	56.6	56.7	57.1	56.9	57.7	58.1	58.9	57.9	57.1	56.1	56.0	56.0	56.1	56.9	56.1	55.0	57.0	59.4	54.7
„ 5,.....	56.0	54.8	55.4	55.9	56.2	56.0	56.4	56.4	56.1	58.5	59.9	61.4	60.1	60.9	60.7	60.1	59.9	59.0	57.8	57.9	57.0	58.1	58.2	57.8	57.9	62.0	54.6
„ 6,.....	57.6	56.6	56.3	56.5	55.7	56.7	56.9	57.1	58.0	60.2	61.7	63.5	61.4	60.9	60.5	60.1	58.1	57.0	55.6	54.9	53.8	53.8	53.3	52.7	57.5	64.7	51.7
„ 7,.....	53.3	52.4	52.4	53.1	53.2	52.1	51.9	52.1	52.9	52.9	53.4	53.9	55.2	54.6	54.9	53.7	53.3	52.4	52.3	51.4	50.9	49.7	50.5	51.5	52.7	55.2	49.2
„ 8,.....	50.5	51.2	51.3	50.8	50.9	50.0	49.9	49.2	48.9	50.9	51.1	53.2	52.9	52.9	53.2	53.9	55.7	55.3	53.6	53.3	53.7	52.8	52.9	52.8	52.1	55.7	48.7
„ 9,.....	53.0	52.5	52.9	52.9	53.2	52.9	51.9	52.4	53.4	53.1	54.0	54.2	56.1	56.5	56.9	56.6	57.1	56.9	57.1	57.4	57.4	56.6	56.9	57.7	55.0	57.7	51.7
„ 10,.....	57.9	57.4	57.0	56.7	56.8	56.9	56.6	56.7	57.3	57.7	58.2	58.3	58.7	58.9	58.1	58.2	57.9	58.2	58.5	58.8	58.9	59.1	58.8	58.8	57.9	59.4	56.3
„ 11,.....	58.6	57.9	57.0	57.1	56.9	56.7	56.6	57.1	57.7	59.3	61.1	61.9	62.5	62.7	63.7	63.7	61.9	59.9	59.9	60.5	60.4	59.3	58.8	58.6	59.6	65.0	56.2
„ 12,.....	57.8	57.6	56.6	56.6	55.7	55.0	54.5	56.1	57.1	58.9	61.1	61.9	62.4	63.4	61.6	60.2	59.1	57.6	57.2	56.9	56.0	55.7	55.8	56.5	58.0	63.4	53.8
„ 13,.....	55.9	55.7	55.6	54.9	54.7	54.9	54.9	56.7	58.1	59.2	60.3	61.1	61.3	61.9	61.5	60.9	59.9	58.7	58.6	58.7	59.0	59.0	59.7	59.6	58.4	61.9	54.5
„ 14,.....	59.6	59.6	59.6	59.3	60.9	60.9	61.2	62.1	62.1	63.9	65.1	66.7	67.9	67.3	66.7	64.7	63.4	62.0	61.2	61.5	61.3	61.2	62.1	62.9	62.6	67.9	59.0
„ 15,.....	63.1	63.2	62.7	62.5	62.5	62.9	63.1	64.5	64.9	65.9	67.9	68.5	67.2	67.1	66.3	65.0	64.7	63.7	63.9	63.5	63.9	63.6	63.4	63.4	64.5	68.5	61.8
„ 16,.....	63.2	63.3	63.4	63.4	63.0	62.2	62.4	65.4	66.7	66.7	67.7	70.1	71.1	72.2	70.5	69.4	67.4	66.3	66.7	66.6	63.4	62.2	60.6	60.6	65.6	72.7	59.9
„ 17,.....	60.7	60.4	60.3	59.9	59.9	60.1	60.4	60.7	61.1	61.9	63.8	64.1	63.9	64.6	64.2	63.9	63.9	63.2	62.5	62.4	62.3	61.9	61.6	61.6	62.1	64.6	59.6
„ 18,.....	61.7	61.9	61.6	60.8	60.2	60.9	61.2	64.5	64.5	66.0	68.5	67.9	67.9	68.1	68.9	67.9	67.1	65.5	66.5	64.4	64.4	63.7	63.4	63.6	64.6	69.4	60.2
„ 19,.....	63.4	63.5	63.1	62.7	64.6	64.7	64.9	65.6	65.9	68.9	69.6	69.2	68.6	71.9	70.9	69.9	69.2	67.7	66.8	66.5	66.4	66.6	67.5	66.8	66.9	72.9	62.6
„ 20,.....	66.6	65.8	65.4	64.8	63.8	64.5	64.7	65.1	67.8	70.6	67.9	67.7	65.6	63.2	62.5	61.9	61.7	60.8	60.9	60.3	60.6	59.9	59.7	60.0	63.8	70.6	59.1
„ 21,.....	59.9	59.7	59.0	58.9	58.9	58.7	58.9	59.4	59.7	60.4	59.7	58.5	57.9	59.1	59.0	58.9	58.9	58.7	58.9	58.8	59.4	59.2	58.9	58.7	59.1	60.8	57.1
„ 22,.....	58.6	59.0	57.7	57.3	57.2	56.6	56.9	57.0	56.7	56.9	57.4	57.4	57.9	58.1	58.4	59.8	59.9	59.2	59.1	59.0	58.9	58.7	59.0	59.2	58.2	59.9	55.9
„ 23,.....	59.0	58.9	58.8	58.7	58.7	58.9	59.1	59.7	60.3	60.4	60.7	61.9	61.9	62.5	62.9	61.9	60.6	60.6	60.1	59.8	59.7	59.7	60.3	60.2	60.2	62.9	57.8
„ 24,.....	60.4	60.5	60.6	60.6	60.5	60.1	59.9	60.9	60.9	60.9	61.3	61.1	61.4	61.5	61.9	62.1	61.9	62.8	63.3	63.8	64.3	64.3	64.3	64.4	61.8	64.4	59.3
„ 25,.....	64.5	64.6	66.1	64.9	65.4	65.7	65.8	66.9	66.9	66.9	67.9	67.0	68.1	67.9	67.5	65.6	65.1	65.4	64.6	64.1	62.7	62.3	61.2	60.7	65.3	68.4	60.5
„ 26,.....	60.3	60.0	59.7	59.7	59.6	59.7	58.9	59.8	59.9	59.9	59.4	59.5	59.9	59.4	58.9	59.1	59.0	59.3	59.9	59.7	59.9	59.7	59.5	59.4	59.6	60.3	58.7
„ 27,.....	59.5	60.0	59.6	59.6	59.5	60.1	60.4	60.9	61.1	61.4	62.9	62.9	62.7	61.9	62.0	62.1	61.9	61.9	61.9	62.0	62.0	62.5	62.5	62.2	61.4	62.9	58.4
„ 28,.....	62.4	62.4	62.6	62.6	62.5	61.9	61.7	61.4	61.2	62.4	61.9	61.1	61.9	61.9	60.9	60.3	58.9	59.6	58.7	59.6	59.9	59.7	59.2	59.0	61.0	62.6	58.2
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means, ...	59.4	59.2	59.0	58.8	58.8	58.8	58.8	59.6	60.2	61.2	62.1	62.6	62.8	62.9	62.5	61.8	61.2	60.5	60.2	60.0	59.8	59.6	59.5	59.4	60.4	64.3	57.0

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION, FOR THE MONTH OF FEBRUARY, 1909.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.	Solar Max.
Feb. 1, ...	57.2	57.6	57.5	57.1	58.0	57.7	58.0	57.9	57.9	57.5	58.0	59.4	59.3	59.1	58.3	58.0	57.7	56.9	56.7	56.7	57.0	57.1	57.9	57.9	57.8	112.4
„ 2, ...	58.3	58.6	58.5	58.4	58.6	58.9	59.3	59.9	60.5	61.9	63.1	62.7	62.3	61.9	61.1	61.0	60.2	60.0	60.1	59.9	60.1	60.0	60.2	59.7	60.2	112.5
„ 3, ...	59.7	59.5	59.0	59.7	59.6	59.1	59.9	61.5	63.1	63.9	64.9	65.7	66.8	65.9	64.9	62.8	62.5	59.2	58.1	56.7	55.5	55.0	55.2	54.2	60.5	126.9
„ 4, ...	53.6	52.2	50.6	51.4	51.4	51.6	52.4	52.2	51.1	50.9	51.1	51.0	51.4	51.4	52.4	51.5	51.0	50.5	50.0	50.0	50.8	51.9	52.6	52.6	51.5	83.9
„ 5, ...	51.6	51.6	52.1	51.4	53.2	52.9	52.1	53.4	52.6	53.9	54.9	55.7	54.7	55.4	55.3	55.6	55.4	54.9	54.0	53.7	53.2	54.6	55.3	54.0	53.8	116.6
„ 6, ...	54.1	53.5	53.0	52.9	52.6	52.9	52.9	52.7	52.9	54.7	55.5	56.8	55.3	54.9	54.3	53.6	52.0	51.3	50.0	49.7	49.6	49.6	49.1	48.6	52.6	111.8
„ 7, ...	49.5	48.6	48.5	49.3	49.4	49.0	47.9	48.0	49.1	48.7	49.6	49.8	50.2	50.4	50.4	49.5	49.0	47.8	48.6	48.0	47.6	47.5	47.9	49.0	48.9	90.9
„ 8, ...	48.3	48.9	48.8	48.6	48.6	48.7	47.9	48.0	47.7	48.7	48.5	49.9	49.6	49.3	49.7	50.9	53.2	53.9	52.6	52.4	52.8	51.9	51.9	52.0	50.1	70.0
„ 9, ...	51.5	51.4	51.8	52.2	52.5	51.9	50.9	51.7	52.2	52.3	52.9	53.1	54.9	54.9	55.1	55.3	55.5	55.7	55.4	55.4	55.4	55.5	55.2	56.6	53.7	71.2
„ 10, ...	56.4	56.1	55.8	56.5	55.9	55.9	55.9	55.9	56.6	56.9	57.2	57.6	57.9	57.9	57.4	57.0	56.9	56.9	57.1	56.9	57.7	57.7	57.6	57.6	56.9	65.9
„ 11, ...	55.8	54.9	54.9	52.9	52.9	52.8	50.6	51.1	50.3	51.0	52.1	52.3	53.9	53.5	53.9	53.9	51.9	52.1	51.8	51.6	51.3	51.5	51.7	50.2	52.5	111.8
„ 12, ...	50.5	48.7	47.7	46.7	46.3	46.5	46.2	47.9	48.1	48.9	50.6	51.9	52.3	52.5	51.9	52.4	52.2	51.7	52.4	52.4	52.2	51.9	52.0	52.9	50.3	113.5
„ 13, ...	52.5	51.8	51.7	50.7	51.7	51.9	51.2	51.5	51.6	52.1	51.1	53.1	52.1	51.9	50.9	51.2	51.9	51.2	52.0	52.1	53.4	53.9	53.8	53.2	52.0	108.5
„ 14, ...	53.8	53.7	54.0	53.8	52.7	52.9	53.1	52.9	52.9	54.7	55.1	56.6	57.7	58.7	58.5	56.3	56.6	56.0	56.1	56.6	57.3	57.6	58.6	59.6	55.7	120.2
„ 15, ...	59.6	59.6	59.6	59.4	59.4	59.8	59.9	60.3	60.7	61.6	62.6	62.9	61.5	62.0	61.9	61.2	60.4	59.9	59.9	60.4	60.6	60.6	61.1	61.1	60.7	113.9
„ 16, ...	61.3	61.3	61.8	61.6	61.3	61.1	61.4	63.6	63.9	63.9	64.0	65.1	65.0	65.9	64.3	63.9	63.9	63.9	63.7	63.9	60.9	59.9	58.3	57.7	62.6	124.2
„ 17, ...	57.9	57.5	57.8	56.5	54.9	54.3	54.6	54.9	56.4	56.3	56.6	56.9	56.0	56.1	56.4	56.9	57.4	57.9	57.5	57.9	58.9	58.9	58.6	58.8	56.9	110.9
„ 18, ...	58.3	57.8	57.3	57.4	56.9	57.1	57.6	58.1	58.3	60.0	61.5	60.9	60.6	61.1	61.7	61.7	61.4	60.4	60.8	59.7	59.9	60.3	60.4	60.2	59.6	119.4
„ 19, ...	60.7	60.8	61.1	61.0	62.9	63.6	63.7	64.6	64.9	66.5	66.0	66.2	65.9	66.9	66.1	65.9	65.9	64.7	64.9	64.5	64.9	64.8	64.8	64.9	64.4	113.3
„ 20, ...	64.5	64.1	63.8	63.6	63.0	63.6	63.4	63.9	65.1	65.9	65.1	64.7	63.1	61.4	61.1	60.9	60.3	59.9	59.9	59.3	58.9	57.9	57.5	57.7	62.0	114.0
„ 21, ...	57.0	56.7	56.1	56.2	56.5	55.7	55.8	56.1	56.3	56.5	55.9	55.7	55.7	56.1	55.9	56.2	56.7	56.1	56.9	56.5	56.4	56.4	56.1	55.7	56.2	100.0
„ 22, ...	55.7	56.0	55.6	55.6	55.3	55.5	55.9	55.6	55.7	55.9	55.9	55.4	55.9	56.0	56.4	57.0	56.9	57.1	57.1	57.1	57.5	57.4	57.6	57.7	56.3	78.2
„ 23, ...	57.6	57.5	57.5	57.4	57.6	57.8	57.8	58.4	58.3	58.9	59.7	59.9	60.0	60.4	60.7	60.7	59.6	59.6	59.3	59.0	59.0	59.1	59.9	59.9	59.0	93.1
„ 24, ...	60.2	60.3	59.9	59.7	59.6	59.6	59.2	59.9	59.9	59.9	60.1	60.1	60.9	60.9	61.1	61.3	61.4	62.0	62.6	63.0	63.5	63.7	63.9	63.8	61.1	100.6
„ 25, ...	64.1	64.5	66.1	64.7	64.9	65.5	65.6	66.4	66.7	66.5	67.7	66.9	67.5	67.1	66.9	65.3	64.8	65.1	64.4	63.9	62.4	62.0	60.9	60.3	65.0	95.3
„ 26, ...	59.5	58.8	58.5	58.7	58.6	58.8	58.6	58.9	58.9	58.9	58.9	58.7	58.9	58.7	58.4	58.4	58.4	58.5	58.9	59.0	59.0	59.0	58.5	58.5	58.7	74.3
„ 27, ...	58.6	59.1	58.9	58.8	59.0	59.8	59.9	60.4	60.7	60.9	61.9	61.4	61.4	60.9	60.9	61.0	61.3	61.5	61.5	61.4	61.2	61.5	61.8	61.6	60.6	97.2
„ 28, ...	62.2	62.1	62.6	62.6	61.6	61.2	60.7	60.1	60.2	61.1	60.2	59.2	59.9	59.7	59.5	59.1	57.9	59.0	58.0	58.6	59.4	58.2	57.9	57.9	60.0	78.9
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means, ...	56.8	56.5	56.4	56.2	56.2	56.3	56.2	56.6	56.9	57.5	57.9	58.2	58.2	58.2	58.0	57.8	57.6	57.3	57.2	57.0	57.0	57.0	57.0	56.9	57.1	101.0

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR, FOR THE MONTH OF FEBRUARY, 1909.

Hours.	Hourly Means.		Date.	Daily Means.	
	Humidity.	Tension.		Humidity.	Tension.
			1909.		
1 a.	84	0.433	Feb. 1,.....	85	0.447
2 „	84	.427	„ 2,.....	85	.485
3 „	84	.427	„ 3,.....	79	.478
4 „	84	.424	„ 4,.....	66	.310
5 „	84	.424	„ 5,.....	75	.362
6 „	85	.427	„ 6,.....	70	.333
7 „	84	.424	„ 7,.....	74	.297
8 „	82	.425	„ 8,.....	86	.336
9 „	80	.427	„ 9,.....	92	.397
10 „	79	.431	„ 10,.....	94	.451
11 „	76	.431	„ 11,.....	59	.303
Noon.	76	.434	„ 12,.....	54	.264
1 p.	74	.431	„ 13,.....	62	.304
2 „	74	.430	„ 14,.....	62	.354
3 „	75	.429	„ 15,.....	79	.481
4 „	77	.432	„ 16,.....	84	.529
5 „	79	.434	„ 17,.....	71	.396
6 „	81	.434	„ 18,.....	73	.446
7 „	82	.435	„ 19,.....	87	.572
8 „	82	.432	„ 20,.....	90	.533
9 „	83	.434	„ 21,.....	83	.415
10 „	84	.437	„ 22,.....	89	.430
11 „	85	.438	„ 23,.....	93	.485
Midt.	85	.436	„ 24,.....	96	.531
			„ 25,.....	98	.615
			„ 26,.....	95	.483
			„ 27,.....	95	.520
			„ 28,.....	94	.506
			.....	...	...
			.....	...	...
			.....	...	...
Mean, ...	81	0.431	Mean, ...	81	0.431

TABLE V.

DURATION OF SUNSHINE

Date.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Sums.
1909.														
Feb. 1,.....	...	...	...	...	...	0.5	1.0	1.0	1.0	1.0	1.0	0.5	...	6.0
„ 2,.....	...	...	...	...	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.3	...	7.1
„ 3,.....	...	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.4	...	...	8.5
„ 4,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 5,.....	...	...	...	0.1	0.1	0.5	0.6	...	...	...	...	...	...	1.3
„ 6, ...	...	...	...	...	...	0.8	0.7	...	...	...	...	...	...	1.5
„ 7,.....	...	...	...	...	...	...	...	0.1	...	...	...	...	...	0.1
„ 8,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 9,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 10,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 11,.....	...	...	...	...	0.4	0.4	...	...	0.6	0.9	1.0	0.4	...	3.7
„ 12,.....	...	0.4	1.0	1.0	1.0	1.0	0.5	0.8	1.0	1.0	1.0	0.6	...	9.3
„ 13,.....	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	...	10.1
„ 14,.....	...	...	...	0.1	0.4	1.0	1.0	1.0	1.0	1.0	1.0	0.2	...	6.7
„ 15,.....	...	...	...	...	0.6	0.9	1.0	1.0	1.0	0.7	0.1	...	...	5.3
„ 16,.....	...	...	0.1	...	0.1	...	0.8	0.8	0.6	0.1	...	...	...	2.5
„ 17,.....	...	...	...	...	0.3	1.0	1.0	1.0	1.0	1.0	1.0	0.8	...	7.1
„ 18,.....	...	0.1	0.8	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	...	8.3
„ 19,.....	...	...	0.1	0.9	1.0	0.7	0.1	0.7	1.0	0.3	0.2	...	...	5.0
„ 20,.....	...	...	0.5	0.2	0.2	0.6	0.7	...	...	...	...	...	...	2.2
„ 21,.....	...	...	...	0.3	0.5	...	...	...	...	...	...	...	...	0.8
„ 22,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 23,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 24,.....	...	...	...	...	...	0.1	...	...	...	...	...	...	...	0.1
„ 25,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 26,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 27,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 28,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,.....	...	1.2	4.5	5.5	8.4	11.5	11.4	10.4	11.2	9.9	8.2	3.4	...	85.6

TABLE VI.

RAINFALL FOR THE MONTH OF FEBRUARY, 1909.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Sums.	Duration. Hours.
Feb. 1,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 2,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 3,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 4,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 5,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 6,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 7,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 8,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
„ 9,	0.045	0.090	0.030	0.025	0.020	0.015	0.020	0.105	0.035	0.020	0.010	0.010	...	...	...	...	0.010	0.010	0.030	0.040	0.050	0.025	0.020	0.015	0.200	11
„ 10,	...	...	...	...	...	...	...	...	...	...	...	...	...	0.010	0.045	...	...	...	0.025	...	...	...	0.010	0.015	0.450	19
„ 11,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.080	12
„ 12,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 13,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 14,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 15,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 16,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 17,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 18,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 19,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 20,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 21,	...	...	...	...	...	...	...	...	...	...	...	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	4
„ 22,	...	...	...	...	...	0.005	...	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	5
„ 23,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.010	6
„ 24,	0.005	...	...	...	...	...	...	...	...	0.005	...	...	...	...	...	...	...	...	...	0.005	...	...	...	...	0.005	9
„ 25,	...	...	...	...	...	...	...	0.020	...	...	...	...	...	...	...	0.020	0.015	...	...	...	...	...	...	0.020	0.065	14
„ 26,	...	...	...	...	0.010	...	0.010	0.020	0.015	0.005	0.025	...	...	0.050	...	...	...	...	...	...	...	0.035	0.030	...	0.085	3
„ 27,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.030	...	0.035	...	0.030	0.230	18
„ 28,	0.165	...	...	...	...	...	...	0.015	...	...	...	...	...	...	...	...	...	...	0.055	0.050	...	0.080	0.140	0.025	0.350	18
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.180	7
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	0.215	0.090	0.030	0.025	0.030	0.020	0.030	0.160	0.055	0.030	0.035	0.010	0.005	0.060	0.045	0.020	0.025	0.010	0.110	0.125	0.050	0.175	0.200	0.105	1.660	127

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND, FOR THE MONTH OF FEBRUARY, 1909.

Date.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.		7 a.		8 a.		9 a.		10 a.		11 a.		Noon.		1 p.		2 p.		3 p.		4 p.		5 p.		6 p.		7 p.		8 p.		9 p.		10 p.		11 p.		Midt.		Vel.		Dir.
	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Sums.	Means.	Means.
Feb. 1,	10	9	10	12	9	11	9	9	9	9	9	18	8	18	7	23	8	21	9	18	8	15	9	15	8	15	8	16	8	22	8	27	8	23	9	23	8	23	8	19	7	19	5	11	7	8	11	10	394	16.4	8
„ 2,	9	10	9	12	8	13	8	10	11	11	9	8	8	10	8	6	8	8	8	8	8	10	8	16	8	15	8	16	8	19	8	18	7	16	7	14	8	10	8	4	...	1	...	1	11	2	...	0	238	9.9	8
„ 3,	...	0	...	0	...	1	...	0	...	0	...	1	8	5	23	9	23	8	23	10	24	11	24	13	26	13	26	19	24	14	24	18	28	16	1	11	32	5	1	14	1	10	1	5	3	6	32	7	196	8.2	27
„ 4,	32	7	3	11	1	15	32	10	1	6	1	3	32	3	2	5	32	10	1	10	4	8	5	12	4	11	4	11	4	10	2	9	5	9	1	11	1	7	1	5	3	8	4	7	2	8	5	11	207	8.6	2
„ 5,	5	13	5	17	4	14	6	19	6	20	6	16	5	16	4	15	4	15	7	14	8	18	8	19	8	20	10	14	9	12	9	10	9	14	10	13	4	3	4	2	3	4	...	0	...	1	1	6	295	12.3	7
„ 6,	1	7	1	5	2	4	...	1	...	1	...	0	31	3	3	7	3	6	1	5	1	5	12	5	23	6	26	7	24	8	31	10	32	14	1	11	32	14	32	9	32	11	2	7	1	7	32	8	161	6.7	32
„ 7,	...	0	1	7	32	9	32	5	31	3	32	10	2	11	31	10	5	10	4	15	4	10	4	16	5	17	6	13	5	7	32	6	1	7	1	5	30	6	32	7	2	7	32	9	1	5	4	7	202	8.4	2
„ 8,	32	7	2	7	2	10	4	9	2	5	2	3	1	6	32	9	32	6	32	9	32	6	32	9	32	9	1	12	31	10	24	4	20	3	12	6	23	6	21	6	25	6	27	6	27	3	27	7	164	6.8	31
„ 9,	24	6	27	2	...	0	...	0	...	0	29	2	30	5	...	0	...	0	...	0	25	5	24	3	...	0	...	1	...	0	...	0	...	0	11	3	9	15	8	20	8	16	6	13	6	17	7	23	131	5.5	7
„ 10,	7	27	7	25	7	30	7	25	7	26	7	24	7	19	8	14	8	14	8	15	9	8	...	1	...	0	...	1	28	4	28	5	22	3	...	0	...	0	..	1	...	0	...	1	24	4	25	5	252	10.5	7
„ 11,	32	3	1	3	3	2	3	4	32	3	3	2	1	8	32	10	3	7	2	10	32	6	3	10	32	7	2	9	1	10	32	10	1	10	1	5	2	4	3	10	2	8	2	8	3	6	2	10	165	6.9	2
„ 12,	1	7	1	14	1	19	1	16	1	15	2	8	2	9	1	7	2	10	5	6	8	12	9	10	10	12	10	17	9	16	8	17	9	14	8	13	8	13	10	8	10	2	...	1	10	5	7	7	258	10.8	6
„ 13,	8	3	6	7	7	11	6	8	6	9	7	14	3	9	7	26	7	21	8	15	8	18	8	22	7	24	6	21	7	22	8	22	8	17	7	17	7	18	6	14	6	13	5	11	8	15	8	13	370	15.4	7
„ 14,	8	14	8	13	9	8	10	4	10	12	10	14	10	15	10	14	10	13	10	14	10	18	9	18	8	18	9	19	9	20	8	20	8	17	8	17	8	17	8	15	9	10	9	7	9	5	11	6	328	13.7	9
„ 15,	11	7	9	8	8	14	5	10	9	8	10	11	11	6	11	13	11	14	8	18	9	15	9	20	7	20	10	16	9	14	9	18	10	18	11	18	11	16	10	11	10	16	9	15	10	13	10	8	327	13.6	9
„ 16,	8	2	...	1	...	0	...	1	...	0	...	0	...	0	...	0	...	1	...	1	23	5	21	6	14	6	10	7	10	7	31	4	31	3	31	2	...	0	...	0	7	22	7	25	7	32	7	27	152	6.3	7
„ 17,	7	30	7	28	7	28	6	25	7	29	7	34	7	31	7	27	8	22	8	24	9	27	8	27	8	28	9	23	9	18	9	19	8	17	8	17	8	15	7	13	8	10	9	12	8	13	8	13	530	22.1	8
„ 18,	9	14	8	17	7	25	8	20	8	22	8	23	8	14	8	13	8	15	8	19	8	19	8	19	8	18	8	18	9	16	8	19	9	15	8	15	8	16	8	17	8	12	8	4	...	1	...	1	372	15.5	8
„ 19,	9	8	9	3	...	0	...	0	8	7	10	11	12	7	...	1	...	0	...	0	...	0	26	6	28	9	26	4	26	8	27	7	28	6	28	6	28	4	...	1	...	0	...	0	...	1	...	1	90	3.7	30
„ 20,	...	1	28	2	...	0	...	0	...	0	...	0	...	1	...	1	...	0	6	7	8	24	8	27	8	29	8	27	8	28	7	28	7	29	7	32	7	32	7	31	7	30	7	32	7	34	7	34	429	17.9	7
„ 21,	7	33	7	33	7	35	7	32	7	32	7	31	7	38	7	38	7	36	6	39	6	35	6	33	7	34	7	37	6	38	7	31	6	34	7	36	7	34	7	30	7	36	7	29	6	28	6	30	812	33.8	7
„ 22,	7	27	7	32	7	30	6	32	7	34	7	35	7	32	7	31	7	26	6	27	6	27	6	25	7	25	7	20	7	17	7	23	7	21	8	24	7	23	7	25	7	26	7	30	7	26	7	29	647	27.0	7
„ 23,	7	26	7	30	7	28	8	30	7	27	8	25	7	21	8	24	8	21	8	19	8	14	8	18	9	17	8	14	9	18	9	23	9	20	8	20	8	19	8	21	8	26	8	24	9	25	8	23	533	22.2	8
„ 24,	8	28	8	29	8	29	8	29	8	27	8	30	8	28	7	30	8	30	8	27	8	26	8	27	8	25	8	23	9	23	9	23	7	20	9	23	8	20	8	21	8	18	8	18	8	20	8	18	592	24.7	8
„ 25,	7	19	7	15	7	16	8	16	8	14	8	16	8	17	7	19	7	16	7	19	7	16	7	17	7	17	8	15	6	16	6	14	7	15	7	18	8	21	8	25	8	26	9	30	9	33	8	28	458	19.1	8
„ 26,	9	31	8	31	8	28	8	27	8	23	8	32	8	27	8	28	7	25	7	26	7	25	7	26	7	26	7	28	7	32	7	28	7	28	7	29	7	33	7	33	7	30	7	29	8	24	8	31	680	28.3	7
„ 27,	8	27	8	30	8	35	8	29	8	26	8	25	8	27	8	27	8	24	8	24	8	23	8	24	8	24	9	21	8	19	9	18	9	19	8	17	9	14	10	13	9	15	10	10	4	5	4	3	500	20.8	8
„ 28.	...	1	25	3	23	2	...	1	...	0	...	1	1	3	20	2	21	4	22	2	22	3	23	5	24	4	23	4	27	9	25	5	25	6	24	4	24	5	25	2	...	1	..	0	...	1	...	0	68	2.8	24
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	...	367	...	397	...	417	...	372	...	369	...	398	...	389	...	409	...	383	...	401	...	409	...	449	...	449	...	433	...	437	...	436	...	414	...	410	...	393	...	377	...	383	...	345	...	348	...	366	9551	398.0	...
Means,	...	13.1	...	14.2	...	14.9	...	13.3	...	13.2	...	14.2	...	13.9	...	14.6	...	13.7	...	14.3	...	14.6	...	16.0	...	16.0	...	15.5	...	15.6	...	15.6	...	14.8	...	14.6	...	14.0	...	13.5	...	13.7	...	12.3	...	12.4	...	13.1	341.1	14.2	...

TABLE VIII.

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 a.			4 a.			7 a.			10 a.		
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction
1909.												
Feb. 1, ...	1	cum.	...	10	cum.	ENE	7	cum.	ENE	10	cum.	E
„ 2, ...	9	cum.	SSE	4	cum.	S	10	sm-cum. / cum.	W / S	4	cum.	S
„ 3, ...	0	...	...	0	...	...	2	cum.	...	2	sm-cum.	...
„ 4, ...	10	cum.	...	10	cum.	...	10	str-cum.	...	10	str-cum.	...
„ 5, ...	10	str-cum.	E	10	cum.	E	10	cum.	E	9	cum.	E
„ 6, ...	10	str-cum.	ESE	10	sm-cum.	WSW	10	sm-cum.	WSW	10	sm-cum.	WSW
„ 7, ...	10	str-cum.	ENE	10	str-cum.	ENE	10	cum.	ENE	10	cum.	ENE
„ 8, ...	10	str-cum.	E	10	cum-nim.	ENE	10	cum-nim.	ENE	10	cum.	ENE
„ 9, ...	10	nim.	...	10	nim.	...	10	nim.	ENE	10	nim.	ENE
„ 10, ...	10	cum-nim.	E	10	cum.	ENE	10	nim.	ENE	10	nim.	E
„ 11, ...	10	cum.	...	10	cum.	...	10	sm-cum.	SW	10	sm-cum. / cum.	WNW / SW
„ 12, ...	10	sm-cum.	W	7	sm-cum.	WNW	3	sm-cum.	WSW	3	c-str. / sm-cum.	W / WSW
„ 13, ...	0	...	...	0	...	...	1	sm-cum.	...	1	sm-cum.	...
„ 14, ...	8	cum.	E	10	sm-cum.	W	9	sm-cum.	W	10	sm-cum. / cum.	W / SE
„ 15, ...	10	cum.	...	8	sm-cum.	WSW	10	sm-cum. / cum.	WSW / SE	10	c-str. / cum.	WSW / SE
„ 16, ...	4	sm-cum.	...	8	sm-cum.	W	2	sm-cum.	...	9	cum.	...
„ 17, ...	7	cum.	E	9	sm-cum. / cum.	E	10	sm-cum. / cum.	E	10	sm-cum.	WNW
„ 18, ...	10	cum.	...	10	cum.	SE	9	sm-cum. / cum.	SSE	6	c-str. / cum.	S
„ 19, ...	0	...	...	0	...	...	4	c-str. / cum.	...	7	c-str. / cum.	...
„ 20, ...	3	cum.	...	3	cum.	...	8	c-str.	...	10	sm-cum.	WSW
„ 21, ...	10	cum-nim.	E	10	cum.	E	10	sm-cum. / cum.	E	10	sm-cum. / cum.	SW / E
„ 22, ...	10	cum.	E	10	cum.	E	10	nim.	E	10	nim.	E
„ 23, ...	10	cum-nim.	E	10	cum.	E	10	cum.	E	10	nim.	E
„ 24, ...	10	nim.	E	10	nim.	E	10	nim.	E	10	nim.	E
„ 25, ...	10	cum-nim.	ESE	10	cum-nim.	SE	10	cum.	SSE	10	cum.	S
„ 26, ...	10	cum-nim.	...	10	nim.	E	10	nim.	E	10	cum-nim.	E
„ 27, ...	10	nim.	E	10	cum-nim.	E	10	nim.	E	10	nim.	E
„ 28, ...	10	nim.	...	10	nim.	...	10	cum-nim.	...	10	cum-nim.	...
.....	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...
Means,...	7.9	...	...	8.2	...	...	8.4	...	...	8.6	...	...

TABLE VIII,—*Continued.*

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 p.			4 p.			7 p.			10 p.			Means.
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	
1909.													
Feb. 1,...	2	cum.	...	1	cum.	...	9	cum.	ESE	8	cum.	ESE	6.0
„ 2,...	2	cum.	SSW	1	cum.	...	1	cum.	...	1	cum.	...	4.0
„ 3,...	5	c-cum. / cum.	NW / ..	6	cum.	NW	9	sm-cum.	NNW	10	cum.	WNW	4.2
„ 4,...	10	str-cum.	E	10	str-cum.	E	10	str-cum.	E	10	str-cum.	E	10.0
„ 5,...	9	sm-cum. / cum.	W / E	10	sm-cum.	W	1	cum.	...	10	str-cum.	ESE	8.6
„ 6,...	10	sm-cum. / cum.	ENE	10	str-cum.	ENE	10	str-cum.	...	10	str-cum.	ENE	10.0
„ 7,...	10	cum.	ENE	10	str-cum.	ENE	10	str-cum.	...	10	str-cum.	E	10.0
„ 8,...	10	cum.	NE	10	nim.	ENE	10	nim.	ENE	10	nim.	...	10.0
„ 9,...	10	nim.	ENE	10	nim.	E	10	nim.	...	10	nim.	...	10.0
„ 10,...	10	cum-nim.	E	10	nim.	...	10	nim.	...	10	nim.	...	10.0
„ 11,...	10	cum.	W	10	sm-cum.	W	5	sm-cum.	W	2	sm-cum.	...	8.4
„ 12,...	5	c-str. / sm-cum.	W / WSW	5	c-str.	W	0	...	...	0	...	...	4.1
„ 13,...	0	...	...	0	...	...	0	...	...	10	cum.	E	1.5
„ 14,...	7	c-str. / cum.	W / ..	8	c-str. / cum.	W / SE	3	c-str. / cum.	ESE	2	cum.	E	7.1
„ 15,...	9	c-cum. / cum.	W / SE	9	c-cum. / sm-cum.	W	8	sm-cum.	W	6	sm-cum.	...	8.8
„ 16,...	8	sm-cum. / cum.	NW / ..	10	sm-cum. / cum.	WNW / ..	10	cum.	...	3	cum.	E	6.7
„ 17,...	6	c-str.	...	3	c-str.	WSW	0	...	...	0	...	...	5.6
„ 18,...	3	c-str. / cum.	S	6	c-str. / cum.	S	2	sm-cum.	...	0	...	...	5.8
„ 19,...	10	c-str. / cum.	...	10	c-str. / cum.	...	8	cum.	...	6	cum.	...	5.6
„ 20,...	10	cum.	...	10	cum.	...	10	nim.	...	10	nim.	...	8.0
„ 21,...	10	nim.	E	10	nim.	E	10	cum.	E	10	cum.	E	10.0
„ 22,...	10	nim.	ENE	10	cum.	ENE	10	cum-nim.	E	10	cum-nim.	E	10.0
„ 23,...	10	cum-nim.	E	10	nim.	ENE	10	cum-nim.	E	10	nim.	E	10.0
„ 24,...	10	nim.	E	10	nim.	E	10	cum.	E	10	cum.	E	10.0
„ 25,...	10	cum.	SSE	10	cum.	SE	10	cum.	...	10	cum.	...	10.0
„ 26,...	10	nim.	E	10	nim.	E	10	cum-nim.	E	10	nim.	E	10.0
„ 27,...	10	nim.	NE	10	nim.	E	10	nim.	SE	10	nim.	SE	10.0
„ 28,...	10	cum.	E	10	cum-nim.	E	10	cum-nim.	...	10	cum.	...	10.0
.....	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,...	8.1	...	...	8.2	...	...	7.4	...	...	7.4	...	...	8.0

TABLE IX.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR THE MONTH OF FEBRUARY, 1909.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N −S	+E −W	
1 a.	2.5	11.5	0.7	0.2	+ 1.7	+ 11.2	E 9° N
2 „	3.2	12.4	0.4	0.2	2.9	12.2	E 13° N
3 „	3.8	12.9	0.1	0.1	3.7	12.8	E 16° N
4 „	3.2	11.7	0.1	0.0	3.0	11.7	E 15° N
5 „	2.6	11.9	0.5	0.0	2.0	11.8	E 10° N
6 „	2.2	13.1	0.7	0.0	1.5	13.1	E 7° N
7 „	3.2	12.0	0.5	0.1	2.7	11.9	E 13° N
8 „	3.4	12.3	0.5	0.4	2.9	11.9	E 14° N
9 „	2.7	11.9	0.6	0.4	2.1	11.5	E 11° N
10 „	3.1	12.5	0.4	0.4	2.7	12.0	E 12° N
11 „	2.2	12.7	0.7	0.9	1.5	11.9	E 7° N
Noon.	2.4	13.9	0.7	1.1	1.7	12.7	E 7° N
1 p.	2.6	13.9	0.5	1.0	2.1	12.9	E 9° N
2 „	2.5	13.2	1.2	1.1	1.2	12.0	E 6° N
3 „	2.7	13.1	1.1	1.5	1.6	11.6	E 8° N
4 „	2.6	12.7	0.8	1.4	1.8	11.3	E 9° N
5 „	3.3	12.2	1.0	1.0	2.4	11.2	E 12° N
6 „	2.8	12.6	1.0	0.3	1.7	12.3	E 8° N
7 „	2.4	12.1	0.6	0.6	1.9	11.5	E 9° N
8 „	2.7	11.6	0.5	0.2	2.1	11.3	E 11° N
9 „	2.9	12.0	0.4	0.2	2.5	11.8	E 12° N
10 „	2.9	10.7	0.6	0.2	2.3	10.6	E 12° N
11 „	2.6	11.0	0.7	0.2	1.9	10.8	E 10° N
Midt.	2.9	11.1	0.4	0.4	+ 2.5	+ 10.7	E 13° N
Means,.....	2.8	12.3	0.6	0.5	+2.18	+11.78	E 11° N

PHENOMENA :—

Solar halo :—on the 15th and 19th.

Fog:—on the 3rd, 16th and 25th.

Slight fog :—on the 2nd, 19th, 20th and 28th.

Dew :—on the 3rd.

TABLE I.

BAROMETRIC PRESSURE, FOR THE MONTH OF MARCH, 1909.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.
Mar. 1,...	29.948	29.941	29.944	29.935	29.936	29.956	29.968	29.983	30.003	30.007	29.990	29.971	29.933	29.905	29.904	29.895	29.900	29.905	29.912	29.928	29.925	29.925	29.925	29.925	29.940
„ 2,...	.914	.911	.920	.916	.917	.933	.967	.987	.005	29.999	.985	.975	.929	.909	.901	.889	.894	.891	.905	.924	.928	.946	.943	.942	.935
„ 3,...	.923	.921	.903	.908	.901	.917	.931	.933	29.944	.959	.943	.947	.895	.882	.892	.915	.903	.906	.933	.934	.951	.954	.950	.947	.925
„ 4,...	.932	.915	.916	.912	.916	.948	.942	.948	.984	.984	.984	.964	.941	.909	.903	.880	.896	.896	.900	.904	.920	.925	.932	.935	.929
„ 5,...	.913	.913	.899	.891	.891	.896	.914	.927	.938	.929	.900	.882	.845	.821	.798	.799	.805	.811	.819	.819	.841	.869	.862	.867	.869
„ 6,...	.860	.836	.825	.807	.801	.816	.837	.853	.867	.882	.873	.852	.822	.787	.767	.763	.770	.788	.793	.806	.826	.831	.847	.850	.823
„ 7,...	.852	.851	.852	.846	.859	.880	.894	.912	.919	.922	.912	.884	.846	.813	.821	.809	.818	.823	.819	.839	.843	.852	.851	.831	.856
„ 8,...	.823	.819	.805	.797	.796	.800	.819	.832	.848	.847	.838	.809	.776	.747	.719	.709	.701	.695	.702	.723	.734	.737	.733	.724	.772
„ 9,...	.720	.694	.688	.685	.705	.723	.744	.761	.765	.759	.744	.722	.685	.674	.651	.650	.653	.658	.666	.673	.692	.704	.712	.715	.702
„ 10,...	.702	.691	.679	.677	.685	.699	.727	.748	.767	.772	.767	.742	.715	.694	.669	.665	.670	.638	.678	.689	.708	.715	.717	.726	.707
„ 11,...	.707	.698	.691	.686	.703	.717	.740	.755	.763	.769	.757	.732	.700	.670	.658	.647	.650	.650	.668	.687	.711	.715	.724	.721	.705
„ 12,...	.719	.714	.706	.703	.712	.733	.739	.756	.773	.771	.764	.750	.716	.697	.677	.673	.678	.685	.707	.727	.761	.786	.798	.803	.731
„ 13,...	.804	.806	.806	.816	.829	.871	.900	.940	.955	.965	.963	.954	.944	.925	.916	.918	.931	.948	.973	.994	30.018	30.056	30.053	30.056	.931
„ 14,...	30.054	30.054	30.049	30.057	30.063	30.087	30.106	30.120	30.144	30.138	30.118	30.066	30.046	30.012	.989	.987	.992	.996	30.021	30.044	.052	.050	.048	.034	30.055
„ 15,...	.027	.020	.018	.021	.045	.050	.056	.064	.066	.061	.051	.027	.002	29.964	.934	.926	.928	.930	29.944	29.959	29.961	29.968	29.961	29.960	29.998
„ 16,...	29.950	29.938	29.934	29.928	29.935	29.941	29.956	29.966	29.980	29.991	29.964	29.920	29.899	.861	.843	.828	.822	.826	.849	.871	.880	.886	.895	.904	.907
„ 17,...	.903	.900	.899	.890	.886	.918	.929	.964	.988	.998	.989	.979	.958	.938	.918	.918	.930	.948	.969	.988	.998	30.006	30.006	30.006	.951
„ 18,...	30.004	30.008	.998	.994	30.014	30.034	30.046	30.064	30.068	30.059	30.050	30.016	.984	.955	.934	.927	.931	.938	.944	.962	.986	29.996	29.996	29.976	.995
„ 19,...	29.963	29.954	.950	.962	29.974	29.977	29.988	.003	.016	.027	.004	29.977	.944	.920	.904	.897	.904	.918	.932	.954	.970	.978	.983	.976	.961
„ 20,...	.963	.949	.942	.941	.948	.959	.978	29.990	29.987	29.977	29.960	.939	.923	.898	.879	.875	.882	.890	.919	.937	.947	.974	.983	.980	.942
„ 21,...	.973	.957	.943	.945	.959	.976	30.003	30.023	30.031	30.038	30.030	30.007	.976	.957	.947	.947	.939	.938	.947	.959	.985	.997	30.000	30.001	.978
„ 22,...	.986	.973	.952	.941	.930	.966	29.987	.019	.012	.002	29.995	29.971	.944	.917	.895	.887	.884	.882	.876	.890	.913	.941	29.935	29.927	.943
„ 23,...	.902	.878	.848	.844	.855	.861	.874	29.909	29.915	29.921	.907	.891	.849	.821	.801	.792	.790	.800	.815	.825	.852	.875	.892	.891	.859
„ 24,...	.885	.881	.866	.873	.887	.918	.949	.973	30.000	30.005	.990	.981	.985	.969	.967	.972	.986	30.004	30.020	30.053	30.074	30.089	30.097	30.101	.980
„ 25,...	30.099	30.093	30.084	30.083	30.092	30.117	30.159	30.183	.183	.171	30.163	30.142	30.123	30.081	30.079	30.075	30.094	.118	.139	.174	.194	.216	.220	.218	30.137
„ 26,...	.214	.212	.189	.189	.200	.220	.241	.262	.276	.273	.271	.252	.206	.184	.166	.163	.164	.164	.170	.179	.194	.200	.192	.186	.207
„ 27,...	.182	.167	.151	.153	.150	.158	.171	.181	.177	.178	.166	.147	.115	.093	.062	.046	.041	.047	.066	.085	.105	.111	.102	.096	.123
„ 28,...	.071	.061	.058	.049	.045	.065	.077	.080	.085	.085	.084	.061	.029	.005	29.989	29.975	29.972	29.987	.013	.029	.040	.043	.045	.041	.041
„ 29,...	.027	.025	.016	.019	.021	.045	.064	.087	.089	.094	.065	.045	.008	29.979	.966	.960	.955	.965	29.982	.000	.007	.012	.010	29.997	.018
„ 30,...	29.980	29.962	29.947	29.949	29.957	29.981	29.990	.023	.028	.024	.003	29.987	29.968	.942	.929	.915	.919	.915	.923	29.941	29.969	29.955	29.955	.940	29.963
„ 31,...	.921	.903	.898	.898	.922	.945	.967	29.974	29.984	29.991	29.990	.973	.940	.919	.910	.901	.904	.913	.916	.939	.965	.979	.967	.963	.941
Means,.....	29.933	29.924	29.915	29.913	29.921	29.939	29.957	29.975	29.986	29.987	29.975	29.954	29.924	29.898	29.883	29.878	29.881	29.887	29.901	29.917	29.934	29.945	29.946	29.943	29.930

TABLE II.

TEMPERATURE, FOR THE MONTH OF MARCH, 1909.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.	Max.	Min.
Mar. 1,	58.6	57.9	57.3	56.7	57.3	57.2	57.9	58.4	58.9	59.7	60.9	62.1	63.1	63.4	62.3	62.0	61.2	61.1	61.1	61.1	61.4	61.6	62.2	62.3	60.2	63.7	56.6
„ 2,	61.8	61.7	61.6	61.4	61.2	60.9	60.7	60.8	61.9	62.0	62.6	62.9	62.8	63.2	63.0	62.9	63.0	63.0	63.5	63.5	64.2	64.2	63.5	61.7	62.4	64.3	60.4
„ 3,	61.2	57.8	57.7	56.3	56.9	57.1	57.5	57.4	57.4	57.3	56.9	57.8	56.9	57.9	57.4	57.7	57.9	57.0	57.3	57.7	57.8	57.9	58.8	58.3	57.7	61.4	56.3
„ 4,	58.2	58.3	58.8	58.8	58.9	58.9	58.9	58.9	59.9	61.8	62.7	63.0	64.7	64.4	63.7	62.8	62.3	61.9	61.8	61.7	61.7	61.9	62.7	62.4	61.2	64.7	57.7
„ 5,	62.4	62.7	60.9	60.9	60.4	60.5	60.7	61.0	61.9	62.9	63.7	64.1	62.1	61.9	61.9	60.7	61.1	61.2	61.9	62.1	62.9	63.1	62.8	62.6	61.9	64.3	60.1
„ 6,	62.8	63.6	63.5	63.6	63.9	64.5	64.9	64.6	64.9	65.3	64.9	65.9	65.2	65.1	65.7	66.4	66.7	66.4	66.1	66.9	67.2	66.4	66.0	64.2	65.2	67.2	62.4
„ 7,	62.7	62.3	62.1	61.4	61.5	61.4	61.7	61.4	61.9	62.1	62.4	61.9	61.7	61.1	60.4	60.3	60.7	60.9	60.9	60.9	60.8	60.9	60.8	60.8	61.4	63.1	60.2
„ 8,	60.7	60.5	60.7	60.8	60.9	61.5	61.0	60.5	61.0	61.4	61.1	61.4	61.9	62.1	61.9	62.8	62.3	62.5	62.7	62.9	63.7	63.9	63.9	63.6	61.9	63.9	60.0
„ 9,	64.1	64.8	65.0	64.8	64.6	64.7	65.2	64.9	65.1	66.7	66.0	69.3	70.9	73.1	75.7	75.5	75.4	74.9	74.9	74.7	74.8	75.0	75.5	75.7	70.1	75.7	63.6
„ 10,	75.5	75.1	75.0	74.8	74.0	74.1	74.1	72.3	72.8	73.5	76.1	75.9	75.9	75.9	75.0	74.1	74.4	74.2	74.5	74.5	74.2	75.4	74.7	74.8	74.6	76.2	72.0
„ 11,	74.7	74.1	74.6	74.7	74.8	74.8	73.2	74.0	74.6	76.3	76.1	76.1	77.3	76.3	75.1	74.9	74.9	75.1	74.4	74.9	74.9	74.7	75.5	75.4	75.1	77.5	72.4
„ 12,	75.0	73.9	72.9	71.3	71.0	71.9	71.0	72.1	71.4	72.5	72.4	73.9	76.9	77.5	77.1	74.4	72.9	73.1	72.7	72.9	71.1	67.9	67.8	67.4	72.5	77.8	67.4
„ 13,	67.2	66.9	66.7	66.0	64.7	64.0	61.6	60.9	61.2	60.6	60.9	60.2	58.9	58.7	57.9	57.7	57.1	56.9	56.6	55.9	55.6	55.4	54.5	54.5	60.0	67.6	53.7
„ 14,	54.5	54.7	54.5	54.3	53.8	53.6	54.1	55.4	55.5	56.9	59.1	59.9	60.5	60.9	60.5	60.3	59.9	60.4	60.6	60.9	60.7	60.9	60.8	61.6	58.1	61.6	53.0
„ 15,	61.9	61.7	61.6	61.4	61.4	62.1	62.5	62.7	63.9	65.4	65.7	66.1	65.8	64.9	65.2	65.2	65.1	65.2	65.1	64.9	65.0	65.1	64.7	64.5	64.0	66.5	60.7
„ 16,	64.6	64.4	63.6	63.5	64.7	64.9	65.4	66.7	67.1	67.3	67.4	67.9	66.9	66.3	66.5	65.6	65.4	64.0	63.6	63.5	64.0	65.1	65.7	66.2	65.4	67.9	63.0
„ 17,	66.3	66.2	65.9	65.5	64.5	64.1	63.9	64.4	64.7	65.0	65.4	63.9	64.1	63.5	63.1	62.5	62.9	62.2	61.8	60.8	59.9	59.6	59.5	60.4	63.3	66.3	58.7
„ 18,	59.4	58.5	58.3	58.2	57.5	57.6	57.7	57.0	57.9	58.9	60.9	63.7	61.9	61.2	60.9	60.6	60.3	59.9	60.1	60.7	60.9	60.3	60.2	59.9	59.7	63.7	57.0
„ 19,	60.2	60.6	60.7	60.6	60.8	61.1	61.8	62.1	63.1	63.9	63.6	64.3	62.6	62.1	61.7	62.1	62.9	63.1	63.3	63.2	63.7	64.1	64.6	64.6	62.5	64.8	60.2
„ 20,	65.1	65.5	65.6	66.4	66.4	66.3	66.6	69.9	72.9	72.1	73.0	73.6	72.3	71.3	71.3	72.3	70.3	68.4	68.2	68.1	67.9	68.2	67.7	67.3	69.0	73.6	63.9
„ 21,	67.0	65.5	65.5	64.7	64.6	64.1	64.1	63.7	63.5	64.0	65.3	65.6	65.6	65.9	64.8	64.4	64.4	64.3	64.2	64.1	63.9	64.2	63.5	63.2	64.6	68.1	62.9
„ 22,	62.9	62.5	62.3	61.7	61.1	60.8	61.1	61.6	63.1	63.2	64.1	64.9	65.5	66.0	66.1	66.1	65.7	65.0	65.1	66.1	66.1	66.2	66.0	66.3	64.1	66.4	60.8
„ 23,	66.3	66.2	65.8	66.0	66.1	66.7	67.1	67.2	69.1	71.1	73.7	73.8	75.9	74.9	74.1	74.1	72.6	71.6	70.2	70.4	70.1	70.1	70.0	70.3	70.2	76.9	65.6
„ 24,	70.0	70.0	70.0	69.6	69.1	68.1	66.1	66.6	66.7	65.8	67.3	68.4	66.2	66.0	65.2	64.2	63.6	62.9	62.1	62.5	62.2	61.9	60.8	60.3	65.6	70.5	60.2
„ 25,	59.8	58.8	58.1	57.4	56.6	56.3	56.4	58.8	60.8	61.8	64.3	64.8	65.7	66.1	64.9	62.7	62.1	61.4	61.7	60.9	60.4	60.2	60.1	60.1	60.8	66.1	56.3
„ 26,	60.1	59.7	59.3	59.1	59.1	57.6	57.9	59.1	59.1	60.0	61.1	62.5	64.3	64.1	63.8	61.3	61.1	61.3	61.2	60.9	60.4	59.9	59.7	59.5	60.5	64.6	57.4
„ 27,	59.0	58.7	58.5	58.7	58.5	58.3	59.1	59.5	59.9	60.5	61.2	62.1	62.8	62.9	62.6	63.1	62.7	62.1	61.1	61.1	61.2	61.1	61.8	61.2	60.7	63.1	58.3
„ 28,	61.0	60.9	60.8	61.6	63.1	63.1	63.3	62.9	63.2	64.1	65.5	66.8	66.1	67.6	67.1	67.1	66.8	65.1	64.1	63.8	63.8	64.6	64.2	63.2	64.2	68.1	60.6
„ 29,	63.0	62.4	62.1	61.6	61.1	61.1	61.3	62.9	63.6	63.9	65.0	66.1	65.6	65.7	64.9	64.1	63.7	63.3	64.1	64.7	64.6	64.1	63.9	63.8	63.6	66.1	60.8
„ 30,	63.9	63.8	62.0	61.8	62.1	62.1	62.9	63.3	62.6	63.1	64.6	65.9	64.3	65.3	65.7	66.3	66.1	65.7	64.3	64.2	63.1	62.5	62.7	61.9	63.8	66.4	61.4
„ 31,	61.6	61.0	60.9	60.8	60.8	60.8	61.3	62.1	62.9	63.6	63.7	65.3	65.4	64.9	63.7	63.2	63.6	63.1	63.9	64.1	64.1	62.9	62.6	62.4	62.9	66.2	60.0
Means,	63.6	63.2	63.0	62.7	62.6	62.6	62.6	63.0	63.6	64.3	65.1	65.8	65.8	65.8	65.5	65.1	64.8	64.4	64.3	64.3	64.3	64.2	64.1	63.9	64.1	67.6	60.8

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION, FOR THE MONTH OF MARCH, 1909.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.	Solar Max.
Mar. 1, ...	57.5	56.5	56.0	55.4	55.7	55.3	55.9	55.9	55.9	56.6	57.0	57.7	57.9	58.4	58.0	57.7	57.1	57.7	57.8	57.8	58.2	58.8	58.7	59.4	57.2	100.3
„ 2, ...	59.4	59.1	58.6	58.5	58.5	57.9	57.9	57.0	58.0	58.0	57.9	58.9	58.7	59.0	58.6	58.6	58.2	58.6	59.1	59.9	60.9	62.3	60.0	57.6	58.8	100.0
„ 3, ...	56.8	56.8	55.4	54.7	54.4	54.9	55.0	55.3	55.5	55.7	55.9	56.4	55.7	56.1	56.1	55.9	55.3	55.9	56.4	56.6	56.9	56.9	57.3	57.2	56.0	67.7
„ 4, ...	57.1	57.1	57.0	56.7	57.1	57.1	56.9	56.7	57.1	58.0	58.2	58.2	57.9	57.7	57.7	57.9	57.9	57.9	57.9	58.4	58.5	58.0	58.8	59.2	57.7	121.8
„ 5, ...	59.6	60.1	59.5	58.8	58.4	57.0	56.0	56.9	57.4	56.9	57.4	57.9	56.9	56.9	57.9	58.5	59.1	58.7	59.6	60.1	61.0	61.7	61.5	60.8	58.7	118.2
„ 6, ...	60.8	61.6	60.8	61.3	61.7	62.5	62.9	63.5	63.8	64.5	64.4	64.9	64.9	64.9	65.2	66.0	66.1	65.9	65.7	65.1	66.8	65.8	65.1	63.4	64.1	81.9
„ 7, ...	61.5	60.8	60.7	59.9	59.8	59.5	58.9	58.8	59.6	59.6	59.4	59.1	59.1	58.9	58.6	58.9	59.4	59.7	59.9	59.9	60.1	60.4	60.5	60.5	59.7	102.1
„ 8, ...	60.4	59.8	59.7	59.9	60.4	60.5	60.1	59.9	60.4	60.9	60.9	61.2	61.4	61.7	61.7	62.4	62.2	62.0	62.4	62.6	63.1	63.2	62.6	62.7	61.3	83.2
„ 9, ...	63.2	63.8	63.7	64.2	64.3	64.4	64.8	64.6	64.7	65.5	64.9	67.5	68.8	70.9	72.9	72.9	72.9	72.9	72.4	72.7	73.9	73.0	73.5	73.3	68.6	113.2
„ 10, ...	73.5	72.8	72.9	72.8	72.6	72.7	72.7	71.8	72.0	72.3	74.6	73.6	73.9	74.0	73.3	72.9	72.9	72.8	72.9	72.6	72.6	72.9	72.7	72.7	72.9	98.4
„ 11, ...	72.8	72.5	72.7	72.4	71.9	71.9	72.1	72.1	72.9	73.1	73.0	72.6	73.1	72.7	72.9	72.9	72.9	73.0	72.9	72.9	72.8	72.8	72.9	72.7	72.7	109.8
„ 12, ...	72.5	72.5	71.9	71.0	70.8	71.7	70.7	71.7	70.9	71.5	71.4	71.9	73.9	74.1	73.7	71.9	70.9	71.6	71.3	71.9	69.9	66.9	66.7	66.6	71.2	126.3
„ 13, ...	66.4	66.2	65.5	64.9	63.0	61.7	59.9	58.8	58.7	57.6	57.6	56.9	55.5	55.5	54.9	55.4	54.8	54.9	54.5	54.4	54.7	54.2	52.7	53.1	58.0	72.3
„ 14, ...	52.4	52.6	52.5	52.4	52.6	51.9	51.9	53.1	53.3	53.9	55.9	55.2	56.7	56.9	56.9	57.4	56.9	57.9	57.9	57.9	57.8	57.9	58.3	58.4	55.4	109.2
„ 15, ...	58.3	58.0	58.1	58.1	58.1	59.0	59.1	59.8	59.7	59.9	60.4	60.7	60.9	60.6	61.2	61.1	61.2	61.9	62.4	62.9	63.0	63.5	61.6	61.8	60.5	108.6
„ 16, ...	61.7	62.8	62.1	62.2	63.5	63.8	63.9	64.7	64.9	64.9	63.9	63.9	62.1	62.4	62.5	62.5	62.1	61.4	61.9	62.5	63.0	64.0	64.6	65.0	63.2	115.7
„ 17, ...	65.2	64.9	64.5	64.4	62.9	62.3	61.9	62.1	62.4	62.0	61.9	60.6	60.6	59.9	59.4	58.7	57.9	57.6	57.5	57.1	56.9	57.6	57.4	58.4	60.6	82.1
„ 18, ...	57.3	56.6	56.3	56.1	55.6	55.9	56.0	55.0	55.9	56.7	57.9	58.1	57.0	56.2	56.7	56.7	56.8	56.5	56.6	57.5	57.5	56.9	56.8	56.6	56.6	113.7
„ 19, ...	56.7	56.9	57.0	57.5	57.6	57.8	58.2	58.5	58.8	59.0	59.8	60.3	59.8	59.8	60.5	60.8	61.0	61.5	61.7	61.5	61.8	62.4	62.5	62.9	59.8	103.4
„ 20, ...	63.2	63.4	63.4	64.3	64.2	64.2	64.3	65.4	68.6	66.9	67.3	66.8	67.0	66.9	66.8	67.3	65.4	65.5	65.8	65.5	66.0	65.8	65.8	65.7	65.7	128.1
„ 21, ...	65.3	63.9	64.4	63.3	61.8	61.8	61.6	61.8	62.0	62.5	63.8	64.0	63.1	62.1	61.6	60.8	60.9	60.9	60.8	60.8	60.7	60.9	61.2	61.3	62.1	101.4
„ 22, ...	60.8	60.4	59.9	60.2	59.2	58.6	58.0	58.1	58.9	58.5	59.4	60.0	60.8	61.0	61.8	61.2	61.0	61.0	62.5	63.6	63.8	63.8	64.1	64.4	60.9	113.7
„ 23, ...	64.2	63.9	63.4	63.7	64.0	64.3	64.4	64.8	66.1	67.5	68.9	68.4	69.8	69.4	68.8	69.3	68.3	67.8	67.8	67.8	67.5	67.6	67.8	68.4	66.8	122.5
„ 24, ...	68.1	68.2	68.2	66.8	66.2	63.8	59.8	58.9	59.0	56.9	58.6	58.5	55.8	55.8	55.0	55.8	55.3	53.8	54.5	52.6	53.5	52.0	52.1	51.3	58.4	101.6
„ 25, ...	50.8	50.4	49.8	49.2	48.8	48.8	49.3	50.6	51.5	51.8	53.9	54.4	55.0	55.8	55.5	54.9	54.8	55.1	56.6	55.8	55.5	54.5	54.2	54.3	53.0	113.1
„ 26, ...	54.3	53.9	53.6	53.4	54.3	51.0	51.9	52.8	52.0	52.8	52.6	52.9	54.8	54.8	54.6	53.8	53.6	51.8	51.8	53.4	53.6	53.3	52.7	52.2	53.2	107.6
„ 27, ...	51.7	51.3	51.2	51.2	51.3	51.4	51.8	50.8	51.1	51.8	51.8	53.4	53.8	53.8	53.6	54.4	55.7	55.5	55.8	56.5	56.6	56.5	55.6	56.1	53.4	102.2
„ 28, ...	57.0	57.6	58.5	58.8	58.9	58.8	59.1	59.0	59.3	60.0	60.5	59.0	57.8	58.8	58.8	59.0	57.9	57.5	58.0	60.4	60.7	61.5	61.3	60.4	59.1	118.1
„ 29, ...	59.6	58.6	57.9	57.2	55.8	54.8	55.8	57.2	58.0	56.1	55.8	56.1	56.2	58.5	57.8	57.8	57.1	58.3	57.8	59.0	59.8	59.9	59.6	59.1	57.7	112.3
„ 30, ...	58.9	58.6	58.3	57.5	57.3	56.9	58.3	58.8	58.8	59.4	59.8	60.4	59.6	59.5	60.1	60.8	61.8	61.6	61.3	61.5	60.8	60.1	60.5	61.0	59.6	99.8
„ 31, ...	60.3	59.5	59.3	59.4	59.3	59.4	59.8	60.0	60.5	60.8	60.8	61.4	61.0	60.4	60.2	59.5	59.8	59.8	60.8	60.8	60.9	60.6	61.3	61.0	60.3	112.9
Means, ...	60.9	60.7	60.4	60.2	60.0	59.7	59.6	59.8	60.2	60.4	60.8	61.0	61.0	61.1	61.1	61.1	60.9	60.9	61.1	61.4	61.6	61.5	61.3	61.2	60.8	105.2

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR, FOR THE MONTH OF MARCH, 1909.

Hours.	Hourly Means.		Date.	Daily Means.	
	Humidity.	Tension.		Humidity.	Tension.
			1909.		
1 a.	84	0.509	Mar. 1,.....	82	0.430
2 „	85	.508	„ 2,.....	79	.450
3 „	84	.501	„ 3,.....	90	.428
4 „	85	.499	„ 4,.....	80	.432
5 „	84	.494	„ 5,.....	82	.453
6 „	83	.484	„ 6,.....	94	.585
7 „	82	.481	„ 7,.....	90	.491
8 „	81	.482	„ 8,.....	96	.536
9 „	80	.487	„ 9,.....	92	.680
10 „	78	.484	„ 10,.....	92	.787
11 „	76	.486	„ 11,.....	88	.773
Noon.	73	.483	„ 12,.....	94	.748
1 p.	73	.483	„ 13,.....	88	.457
2 „	74	.486	„ 14,.....	83	.405
3 „	75	.490	„ 15,.....	80	.482
4 „	77	.496	„ 16,.....	88	.552
5 „	78	.493	„ 17,.....	85	.495
6 „	80	.498	„ 18,.....	81	.419
7 „	82	.506	„ 19,.....	85	.480
8 „	83	.516	„ 20,.....	83	.589
9 „	84	.523	„ 21,.....	86	.526
10 „	84	.521	„ 22,.....	83	.494
11 „	84	.515	„ 23,.....	83	.614
Midt.	84	.515	„ 24,.....	63	.395
			„ 25,.....	56	.300
			„ 26,.....	58	.310
			„ 27,.....	58	.313
			„ 28,.....	72	.435
			„ 29,.....	68	.400
			„ 30,.....	77	.456
			„ 31,.....	85	.490
Mean, ...	81	0.497	Mean, ...	81	0.497

TABLE V.

DURATION OF SUNSHINE

Date.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Sums.
1909.														
Mar. 1,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 2,.....	...	...	...	...	0.1	0.1	...	0.1	0.2	...	0.3	...	...	0.8
„ 3,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 4,.....	...	...	0.2	...	0.6	0.9	1.0	1.0	0.6	...	...	...	...	4.3
„ 5,.....	...	...	...	0.2	1.0	0.5	0.2	...	...	...	0.1	...	...	2.0
„ 6,.....	...	...	0.2	...	...	...	...	...	...	...	...	...	...	0.2
„ 7,.....	...	...	0.4	0.2	0.5	...	...	...	...	...	...	...	...	1.1
„ 8,.....	...	...	...	..	...	...	...	...	...	...	...	...	...	...
„ 9,.....	...	...	0.1	0.6	0.7	1.0	0.5	0.4	0.5	0.3	...	...	...	4.1
„ 10,.....	...	...	...	...	0.1	0.1	...	...	...	...	...	...	...	0.2
„ 11,.....	...	...	...	0.1	0.5	0.1	0.3	0.7	...	...	...	...	...	1.7
„ 12,.....	...	...	...	...	...	...	...	1.0	0.7	...	...	...	...	1.7
„ 13,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 14,.....	...	...	...	...	...	...	0.3	0.1	0.9	...	...	...	...	1.3
„ 15,.....	...	...	...	0.5	1.0	0.2	...	...	...	...	...	...	...	1.7
„ 16,.....	...	...	...	...	...	0.8	1.0	1.0	1.0	1.0	1.0	0.5	...	6.3
„ 17,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 18,.....	...	...	...	...	0.7	1.0	1.0	0.7	...	...	...	...	...	3.4
„ 19,.....	...	...	0.1	0.1	...	...	0.1	...	...	...	...	...	...	0.3
„ 20,.....	...	0.3	1.0	1.0	1.0	1.0	1.0	0.9	0.6	0.9	0.8	...	...	8.5
„ 21,.....	...	...	...	...	...	...	...	...	0.2	...	...	...	...	0.2
„ 22,.....	...	...	...	0.1	0.6	0.3	0.4	...	0.6	0.1	...	...	...	2.1
„ 23,.....	...	0.1	...	0.5	0.7	1.0	0.9	0.7	0.8	0.4	0.8	0.3	...	6.2
„ 24,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 25,.....	...	0.1	0.6	1.0	1.0	0.9	1.0	1.0	1.0	0.7	...	...	...	7.3
„ 26,.....	...	...	...	...	...	...	0.2	0.3	0.1	...	...	...	...	0.6
„ 27,.....	...	...	...	...	...	...	...	...	0.1	0.1	...	...	...	0.2
„ 28,.....	...	...	...	...	...	0.4	1.0	0.1	...	...	...	0.4	...	1.9
„ 29,.....	...	0.3	1.0	0.9	0.2	0.8	1.0	1.0	0.4	...	...	...	...	5.6
„ 30,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 31,.....	...	...	...	0.1	0.4	0.2	0.9	0.6	0.3	...	...	...	...	2.5
Sums,.....	...	0.8	3.6	5.3	9.1	9.3	10.8	9.6	8.0	3.5	3.0	1.2	...	64.2

TABLE VI.

RAINFALL FOR THE MONTH OF MARCH, 1909.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Sums.	Duration. Hours.
Mar. 1,	...	...	0.020	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.020	1
„ 2,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
„ 3,	...	...	0.100	...	...	...	...	0.010	...	...	0.005	...	0.020	...	0.255	0.015	0.010	0.090	0.145	...	0.015	...	0.005	...	0.670	13
„ 4,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 5,	...	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	0.015	...	...	...	...	...	...	...	...	0.020	2
„ 6,	...	...	...	...	...	...	...	...	...	0.020	0.200	0.265	0.090	0.050	0.300	0.035	0.015	0.005	...	...	...	...	...	0.020	1.000	8
„ 7,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	0.005	4
„ 8,	...	...	0.005	...	...	...	...	...	...	0.005	...	0.005	...	...	...	...	...	...	...	0.005	...	...	...	...	0.020	10
„ 9,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 10,	...	...	...	...	...	...	0.005	0.005	0.005	...	...	...	...	...	...	0.050	0.010	...	...	...	...	...	...	0.005	0.080	5
„ 11,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.010	0.020	...	0.040	...	...	...	0.015	...	...	0.085	6
„ 12,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
„ 13,	...	...	...	...	...	0.005	0.005	0.005	...	0.005	...	...	...	...	...	...	...	...	...	...	0.020	0.055	0.025	0.005	0.125	9
„ 14,	...	...	0.005	0.035	0.055	0.050	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.145	5
„ 15,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 16,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
„ 17,	0.020	0.025	0.105	0.025	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.175	3
„ 18,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
„ 19,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 20,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 21,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
„ 22,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
„ 23,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 24,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 25,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 26,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 27,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 28,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 29,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 30,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 31,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Sums,	0.020	0.025	0.240	0.060	0.055	0.055	0.010	0.020	0.005	0.030	0.205	0.270	0.110	0.050	0.565	0.135	0.035	0.135	0.145	0.005	0.035	0.070	0.030	0.035	2.345	75

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND, FOR THE MONTH OF MARCH, 1909.

Date.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.		7 a.		8 a.		9 a.		10 a.		11 a.		Noon.		1 p.		2 p.		3 p.		4 p.		5 p.		6 p.		7 p.		8 p.		9 p.		10 p.		11 p.		Midt.		Vel.		Dir.
	Dir.	Vel	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Sums.	Means.	Means.
Mar. 1,	...	1	1	4	32	5	32	10	32	6	...	1	32	2	22	3	21	6	21	6	23	5	24	9	23	7	24	8	22	8	23	4	...	1	23	5	9	6	8	12	8	14	7	16	7	15	8	20	174	7.3	5
„ 2,	8	19	8	19	7	24	8	24	7	25	8	28	7	27	7	29	7	25	7	30	7	25	7	[illegible]	7	22	8	24	8	22	8	24	8	21	7	22	7	18	8	12	7	23	7	19	7	25	6	29	559	23.3	7
„ 3,	7	28	7	29	7	36	7	30	7	27	5	21	6	27	7	30	7	27	5	24	6	25	6	[illegible]	7	24	6	10	31	7	31	5	2	7	1	4	20	5	28	3	5	4	6	5	..	0	...	1	393	16.4	6
„ 4,	2	3	8	3	7	2	6	11	8	14	8	11	7	15	9	19	7	9	8	11	10	15	10	18	8	15	9	15	8	13	8	14	8	12	6	11	7	10	7	11	7	16	6	12	5	13	9	11	284	11.8	8
„ 5,	7	17	7	14	7	19	6	23	7	27	6	25	7	29	7	30	7	28	6	30	7	33	7	29	7	28	7	28	7	24	8	25	8	22	8	21	8	22	9	21	10	21	8	15	9	21	8	22	574	23.9	7
„ 6,	9	20	7	22	9	19	8	19	9	19	9	16	7	17	9	16	8	18	8	16	8	14	7	19	7	17	9	17	8	17	7	18	8	19	7	15	8	15	10	18	8	18	9	24	9	27	8	32	452	18.8	8
„ 7,	8	34	8	32	8	36	8	38	8	37	7	34	8	37	8	40	7	34	7	30	7	33	6	32	7	30	7	31	7	25	7	30	7	25	7	26	7	28	7	28	7	25	7	28	7	26	7	27	746	31.1	7
„ 8,	7	23	8	25	8	25	9	28	9	28	7	25	8	25	7	24	8	25	8	24	7	23	7	23	8	22	8	22	7	17	8	23	8	22	8	25	8	24	8	24	8	23	8	25	7	23	6	19	567	23.6	8
„ 9,	7	20	7	21	6	19	7	20	8	21	8	24	7	25	7	25	7	24	5	24	6	19	6	13	4	6	14	7	15	9	17	10	17	13	16	14	16	10	17	9	17	8	16	8	16	11	17	14	374	15.6	9
„ 10,	17	12	17	14	17	12	26	3	18	6	16	6	15	8	4	3	13	3	9	2	16	7	16	8	15	12	16	10	16	15	15	20	16	19	16	17	16	14	16	12	17	15	16	15	17	14	16	17	264	11.0	16
„ 11,	16	12	16	1[illegible]	16	1[illegible]	16	10	16	12	15	7	6	4	14	16	15	1[illegible]	15	11	15	11	15	12	15	17	14	17	15	12	13	10	13	7	15	10	16	6	17	5	17	8	16	13	16	12	17	10	254	10.6	15
„ 12,	16	8	19	5	8	3	8	10	7	13	6	9	6	8	7	8	7	9	8	15	7	10	7	5	14	11	14	12	14	10	10	8	9	6	7	6	8	6	8	4	25	7	27	12	23	7	23	9	201	8.4	9
„ 13,	23	10	23	6	23	3	25	3	32	6	2	8	1	7	32	10	3	8	3	8	32	9	1	9	32	11	32	11	31	11	32	11	32	9	32	8	1	9	32	10	32	10	31	6	1	11	32	14	208	8.7	32
„ 14,	1	10	1	10	32	11	2	1[illegible]	32	8	2	11	2	9	32	4	29	3	1	3	6	8	7	19	7	20	7	22	7	22	7	19	7	21	6	19	7	19	7	25	6	21	8	21	7	17	7	18	351	14.6	6
„ 15,	8	23	7	22	8	23	8	16	6	19	8	15	9	21	8	23	8	22	7	26	7	23	8	18	8	15	10	17	9	13	10	13	10	13	9	17	8	15	8	15	9	18	9	17	9	21	9	18	434	18.1	8
„ 16,	9	16	9	18	9	14	10	18	10	21	10	18	8	19	9	17	9	17	10	16	9	25	8	33	8	27	8	29	9	23	9	25	8	20	8	24	8	18	8	13	10	13	9	14	11	14	10	15	467	19.5	9
„ 17,	10	5	10	3	10	7	5	7	9	20	9	20	9	22	8	21	9	17	8	7	8	11	1	7	2	6	1	8	1	8	1	9	1	3	8	6	6	6	2	4	1	9	4	11	3	11	5	14	242	10.1	6
„ 18,	5	12	4	12	5	12	4	13	4	11	3	8	6	13	4	13	5	13	6	23	6	22	7	23	7	23	8	24	8	24	7	27	7	20	7	29	7	27	6	25	7	26	7	27	7	29	7	31	490	20.4	6
„ 19,	7	30	7	26	7	23	7	18	7	18	8	29	8	22	7	26	8	21	7	26	7	21	8	23	7	21	8	19	8	13	10	15	12	14	10	14	10	18	9	18	9	2[illegible]	8	20	8	19	8	19	493	20.5	8
„ 20,	8	16	8	17	8	12	10	9	10	4	...	1	10	2	10	5	10	11	9	18	8	17	8	18	12	10	25	9	26	7	26	6	25	4	25	5	25	3	...	1	...	1	..	1	25	4	27	5	186	7.7	8
„ 21,	11	8	11	14	8	14	4	13	8	16	8	13	7	12	11	16	11	13	9	12	7	10	6	15	8	13	9	19	8	19	7	21	7	24	7	19	7	14	7	19	7	17	7	21	7	25	7	21	388	16.2	8
„ 22,	7	22	7	.3	7	30	7	28	7	33	7	28	7	30	7	26	7	30	7	33	6	31	7	32	7	29	7	25	7	23	7	18	7	17	7	21	7	19	7	15	8	11	8	9	11	9	10	14	556	23.2	7
„ 23,	9	17	10	16	8	18	8	16	10	13	8	16	8	14	10	13	9	15	9	15	9	14	9	14	9	14	8	19	9	15	8	11	7	17	7	13	8	12	9	5	9	9	9	13	9	5	...	0	314	13.1	9
„ 24,	9	3	22	5	22	3	22	7	32	10	30	7	8	5	32	12	31	10	3[illegible]	13	31	3	32	11	3	13	32	9	32	10	31	9	32	7	2	5	2	4	2	9	1	11	2	15	2	14	1	18	213	8.9	32
„ 25,	1	17	1	18	2	18	3	11	2	18	1	11	32	10	2	8	32	9	7	13	4	7	9	8	10	14	10	20	11	17	11	19	10	15	7	13	7	16	7	20	7	20	7	19	6	18	7	19	361	15.0	6
„ 26,	7	19	7	13	6	9	4	6	4	6	4	7	3	4	4	10	32	10	32	10	32	9	7	12	8	13	11	11	11	17	6	16	6	13	6	16	5	18	6	21	6	25	7	27	7	29	7	33	354	14.8	6
„ 27,	6	23	6	19	7	18	7	2[illegible]	7	19	7	18	5	10	7	16	8	13	7	17	8	12	8	15	9	17	9	16	10	13	10	10	10	12	10	15	10	13	9	14	7	16	5	12	6	17	7	20	375	15.6	8
„ 28,	8	19	8	19	8	17	8	14	8	17	8	13	8	15	10	15	10	18	10	16	10	11	9	15	7	17	8	15	10	14	10	17	6	14	7	14	7	12	7	10	7	13	6	14	8	15	8	18	362	15.1	8
„ 29,	8	18	8	17	8	18	6	21	7	27	7	28	8	25	8	23	7	20	7	19	7	25	8	25	8	27	8	24	9	23	8	22	8	24	7	23	7	20	7	19	7	20	7	19	6	19	7	26	533	22.2	7
„ 30,	7	25	7	30	7	35	7	31	7	31	7	28	8	27	7	19	8	20	8	18	7	22	8	20	9	18	9	14	9	11	9	9	9	5	9	7	9	12	9	13	9	13	7	18	6	18	7	22	466	19.4	8
„ 31,	7	22	7	24	7	28	7	26	7	25	7	23	8	25	8	26	7	30	7	28	7	27	7	26	7	29	7	29	7	26	7	28	7	24	7	26	7	26	7	27	7	20	7	22	7	24	7	21	612	25.5	7
Sums,	...	512	...	511	...	523	...	517	...	548	...	499	...	526	...	546	...	522	...	544	...	527	...	549	...	548	...	541	...	488	...	496	...	459	...	470	...	445	...	442	...	475	...	498	...	513	...	557	12247	510.3	...
Means,	...	16.5	...	16.5	...	16.9	...	16.7	...	17.7	...	16.1	...	17.0	...	17.6	...	16.8	...	17.5	...	17.0	...	17.7	...	17.7	...	17.5	...	15.7	...	16.0	...	14.5	...	15.2	...	14.4	...	14.3	...	15.3	...	16.1	...	16.5	...	18.0	395.1	16.5	...

TABLE VIII.

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 a.			4 a.			7 a.			10 a.		
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction
1909.												
Mar. 1, ...	10	cum.	...	10	nim.	...	10	cum.	...	10	cum.	...
„ 2, ...	10	cum.	E	10	cum.	E	10	cum.	E	10	sm-cum. / cum.	W / ESE
„ 3, ...	10	nim.	ESE	10	nim.	E	10	cum-nim.	E	10	nim.	E
„ 4, ...	10	cum.	NE	10	cum.	...	10	sm-cum.	W	7	sm-cum. / cum.	W / E
„ 5, ...	10	cum.	E	10	cum.	E	9	sm-cum. / cum.	WSW / E	9	sm-cum. / cum.	W / E
„ 6, ...	6	cum.	SSE	5	cum.	SE	10	cum.	SE	10	nim.	SW
„ 7, ...	9	cum.	SSW	10	nim.	SSE	9	sm-cum. / cum.	W / E	9	cum.	ESE
„ 8, ...	10	nim.	E	10	cum.	E	10	cum.	E	10	nim.	E
„ 9, ...	10	cum.	SSE	10	cum.	S	7	cum.	S	9	cum. / cum.	S / E
„ 10, ...	10	cum.	SSW	10	cum.	SSW	10	nim.	SW	10	cum.	SSW
„ 11, ...	10	cum.	SW	10	cum.	SW	10	cum.	S	10	cum.	S
„ 12, ...	8	cum.	SW	10	cum.	SW	10	cum.	SW	9	cum.	S
„ 13, ...	10	cum.	S	10	nim.	SE	10	nim.	ESE	10	nim.	E
„ 14, ...	10	cum-nim.	E	10	nim.	...	10	nim.	E	10	cum.	E
„ 15, ...	10	cum.	E	10	cum.	E	10	cum.	E	6	cum.	E
„ 16, ...	10	cum.	E	10	nim.	E	10	sm-cum. / cum.	ESE	10	cum.	SE
„ 17, ...	10	nim.	...	10	nim.	...	7	sm-cum.	...	10	str-cum.	ESE
„ 18, ...	10	cum-nim.	...	10	str-cum.	...	10	cum-nim.	E	10	cum.	E
„ 19, ...	10	cum.	ESE	9	cum.	ESE	10	sm-cum. / cum.	W / E	10	cum.	E
„ 20, ...	10	cum.	E	10	cum.	...	5	sm-cum.	...	0	...	...
„ 21, ...	10	cum.	E	10	cum.	E	10	cum.	E	10	cum-nim.	E
„ 22, ...	10	nim.	...	10	cum.	E	9	cum.	E	10	cum.	ESE
„ 23, ...	10	cum.	E	4	cum.	E	4	sm-cum. / cum.	SE	7	cum.	S
„ 24, ...	8	cum.	...	7	cum.	...	9	cum.	NNE	10	cum.	ENE
„ 25, ...	10	cum.	...	6	cum.	...	4	cum.	...	3	sm-cum.	...
„ 26, ...	10	cum.	...	0	...	...	10	str-cum.	ENE	10	cum.	NE
„ 27, ...	3	cum.	...	5	cum.	...	10	str-cum.	E	10	str-cum.	E
„ 28, ...	7	cum.	E	10	cum.	...	10	sm-cum. / cum.	E	10	sm-cum. / cum.	W / ..
„ 29, ...	7	cum.	E	6	cum.	...	6	cum.	E	10	cum.	SE
„ 30, ...	10	cum.	S	10	cum.	SSE	10	cum.	SSE	10	cum.	SSE
„ 31, ...	10	cum-nim.	SE	10	cum-nim.	ESE	10	cum-nim.	ESE	10	c-str. / cum.	WSW / E
Means,...	9.3	...	...	8.8	...	...	9.0	...	...	9.0	...	...

TABLE VIII,—*Continued.*

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 p.			4 p.			7 p.			10 p.			Means.
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	
1909.													
Mar. 1,...	10	cum.	...	10	str.	...	10	str-cum.	...	10	cum.	W	10.0
„ 2,...	10	sm-cum. / cum.	ESE	10	sm-cum. / cum.	SE	10	cum.	SE	10	cum.	SE	10.0
„ 3,...	10	nim.	E	10	nim.	ENE	10	nim.	...	10	cum.	...	10.0
„ 4,...	7	sm-cum. / cum.	WSW / E	9	sm-cum. / cum.	E	10	cum.	E	9	sm-cum.	SSW	9.0
„ 5,...	10	sm-cum. / cum.	WSW / ESE	10	nim.	SE	10	cum.	SE	10	cum.	SE	9.7
„ 6,...	10	nim.	SSE	10	cum-nim.	S	10	cum.	SSW	10	cum.	SSW	8.9
„ 7,...	10	cum.	E	10	cum-nim.	E	10	cum-nim.	E	10	nim.	E	9.6
„ 8,...	10	nim.	E	10	cum-nim.	E	10	cum.	...	10	cum.	SE	10.0
„ 9,...	9	cum.	SSW	10	cum.	SSW	9	cum.	SSW	10	cum.	SSW	9.3
„ 10,...	10	cum.	SW	10	nim.	SSW	10	cum.	SSW	10	nim.	SSW	10.0
„ 11,...	10	cum.	S	10	nim.	S	10	nim.	S	10	cum.	SSW	10.0
„ 12,...	10	cum.	S	10	cum.	S	10	cum.	S	10	cum.	S	9.6
„ 13,...	10	str-cum.	E	10	str-cum.	E	10	nim.	...	10	nim.	...	10.0
„ 14,...	10	cum.	ENE	10	cum.	E	10	cum.	E	7	cum.	...	9.6
„ 15,...	10	cum.	E	10	cum.	E	10	cum.	...	10	cum.	...	9.5
„ 16,...	2	cum.	E	2	cum.	...	3	cum.	...	10	cum-nim.	...	7.1
„ 17,...	10	str-cum.	E	10	str-cum.	E	10	str-cum.	...	10	cum-nim.	...	9.6
„ 18,...	10	cum.	SE	10	cum.	SE	10	cum.	SE	10	cum-nim.	SE	10.0
„ 19,...	10	cum.	E	10	cum-nim.	E	10	cum-nim.	E	10	cum-nim.	E	9.9
„ 20,...	2	cum.	ESE	4	cum.	...	10	cum.	...	10	cum.	...	6.4
„ 21,...	10	cum.	E	10	cum.	E	10	cum.	E	10	cum.	...	10.0
„ 22,...	10	cum.	E	9	cum.	ESE	10	cum.	ESE	10	cum-nim.	...	9.7
„ 23,...	7	cum.	SSE	6	c-cum. / cum.	WSW / S	4	c-cum.	...	0	...	...	5.3
„ 24,...	10	cum.	ENE	10	cum.	ENE	10	cum.	...	10	cum.	...	9.2
„ 25,...	2	c-str. / sm-cum.	...	10	sm-cum.	...	10	cum.	E	10	cum.	...	6.9
„ 26,...	10	sm-cum. / cum.	ENE	10	str-cum.	...	10	str-cum.	...	10	cum.	E	8.8
„ 27,...	10	cum.	E	10	cum.	E	10	cum.	E	9	cum.	E	8.4
„ 28,...	10	cum.	ESE	10	cum.	ESE	4	c-cum.	...	10	cum.	E	8.9
„ 29,...	10	cum.	SSE	10	cum.	S	10	cum.	S	8	cum.	S	8.4
„ 30,...	10	cum.	SSE	10	str-cum.	...	10	cum.	...	10	cum.	SE	10.0
„ 31,...	10	sm-cum. / cum.	W / ESE	10	cum.	E	10	cum.	E	10	cum-nim.	E	10.0
Means,...	9.0	...	...	9.4	...	...	9.4	...	...	9.5	...	...	9.2

TABLE IX.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR THE MONTH OF MARCH, 1909.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N −S	+E −W	
1 a.	2.7	14.1	1.6	0.4	+ 1.1	+ 13.7	E 5° N
2 „	2.9	14.0	1.6	0.5	1.3	13.5	E 5° N
3 „	3.0	14.8	1.1	0.3	1.9	14.5	E 7° N
4 „	3.7	14.5	0.9	0.4	2.8	14.1	E 11° N
5 „	3.6	15.3	1.5	0.1	2.1	15.2	E 8° N
6 „	3.4	14.5	0.9	0.1	2.5	14.4	E 10° N
7 „	2.8	15.3	0.5	0.0	2.2	15.3	E 8° N
8 „	3.2	15.7	1.5	0.1	1.6	15.6	E 6° N
9 „	3.0	14.8	1.4	0.3	1.6	14.5	E 7° N
10 „	3.9	15.5	1.1	0.3	2.8	15.2	E 10° N
11 „	3.6	15.2	1.2	0.2	2.5	15.0	E 9° N
Noon.	3.1	15.8	1.1	0.3	1.9	15.5	E 7° N
1 p.	2.6	15.5	2.0	0.2	+ 0.6	15.2	E 2° N
2 „	1.9	14.8	2.6	0.5	− 0.6	14.2	E 3° S
3 „	2.1	12.7	3.0	0.5	0.9	12.2	E 4° S
4 „	2.4	13.3	2.6	0.5	− 0.3	12.8	E 1° S
5 „	2.1	12.2	2.1	0.2	0.0	12.0	E
6 „	2.6	12.9	1.8	0.3	+ 0.7	12.6	E 3° N
7 „	2.2	12.6	1.6	0.2	0.6	12.4	E 3° N
8 „	2.5	12.5	1.5	0.2	0.9	12.3	E 4° N
9 „	2.9	13.0	1.8	0.5	1.0	12.5	E 5° N
10 „	3.1	13.7	1.6	0.4	1.5	13.3	E 6° N
11 „	3.6	13.8	2.1	0.5	1.5	13.4	E 6° N
Midt.	3.5	14.9	1.9	0.6	+ 1.5	+ 14.4	E 6° N
Means,.....	2.9	14.2	1.6	0.3	+1.28	+13.91	E 5° N

PHENOMENA :—

Lunar corona :—on the 27th and 28th.

Fog :—on the 9th, 10th, 11th and 12th.

Slight fog :—on the 8th.

Haze :—on the 25th, 26th, 27th and 28th.

TABLE I.

BAROMETRIC PRESSURE, FOR THE MONTH OF APRIL, 1909.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.
April 1,...	29.948	29.918	29.900	29.904	29.912	29.930	29.956	29.979	29.997	30.001	29.994	29.980	29.954	29.928	29.924	29.914	29.918	29.919	29.934	29.959	29.964	29.978	29.970	29.955	29.947
„ 2,...	.946	.918	.922	.916	.929	.931	.974	.988	.994	29.998	.985	.971	.939	.907	.889	.893	.906	.913	.911	.939	.945	.945	.934	.919	.938
„ 3,...	.912	.899	.900	.900	.912	.922	.927	.945	.944	.940	.930	.902	.870	.851	.831	.819	.825	.837	.851	.863	.885	.895	.903	.905	.890
„ 4,...	.898	.893	.879	.877	.886	.903	.917	.935	.945	.948	.933	.923	.887	.868	.846	.849	.838	.844	.848	.854	.872	.879	.878	.865	.886
„ 5,...	.858	.840	.822	.822	.835	.850	.862	.881	.878	.869	.857	.837	.812	.785	.761	.744	.740	.750	.764	.788	.790	.806	.804	.798	.815
„ 6,...	.796	.785	.790	.798	.808	.844	.870	.899	.922	.920	.934	.936	.909	.897	.882	.880	.891	.896	.910	.936	.955	.964	.972	.967	.890
„ 7,...	.954	.946	.934	.928	.935	.955	.969	.986	.996	.985	.960	.943	.923	.911	.891	.868	.870	.884	.878	.882	.898	.907	.903	.890	.925
„ 8,...	.884	.862	.836	.836	.832	.845	.853	.902	.916	.900	.900	.890	.863	.848	.818	.817	.815	.817	.828	.847	.851	.864	.856	.854	.856
„ 9,...	.830	.809	.789	.791	.809	.837	.857	.874	.884	.879	.864	.846	.828	.811	.808	.797	.803	.812	.836	.843	.876	.893	.889	.873	.839
„ 10,...	.858	.852	.846	.846	.859	.873	.885	.901	.905	.903	.902	.874	.857	.849	.843	.834	.832	.847	.861	.879	.887	.911	.905	.903	.871
„ 11,...	.889	.882	.863	.863	.869	.883	.895	.923	.944	.957	.960	.957	.923	.906	.897	.886	.882	.889	.899	.903	.927	.940	.951	.946	.910
„ 12,...	.937	.926	.913	.910	.907	.924	.943	.956	.968	.973	.963	.950	.911	.891	.864	.852	.854	.861	.873	.882	.882	.888	.882	.872	.908
„ 13,...	.858	.840	.829	.821	.834	.852	.870	.895	.900	.898	.890	.875	.849	.830	.810	.800	.792	.800	.810	.822	.837	.836	.836	.831	.842
„ 14,...	.819	.804	.786	.783	.798	.810	.834	.853	.868	.863	.850	.839	.821	.781	.774	.757	.748	.754	.768	.785	.810	.798	.801	.800	.804
„ 15,...	.803	.785	.783	.773	.777	.798	.823	.838	.850	.848	.839	.827	.802	.777	.757	.746	.752	.798	.812	.834	.870	.872	.869	.881	.813
„ 16,...	.868	.856	.839	.860	.853	.868	.882	.902	.915	.908	.889	.888	.861	.831	.817	.813	.811	.815	.819	.839	.873	.885	.881	.865	.860
„ 17,...	.850	.833	.821	.821	.815	.819	.833	.843	.855	.866	.855	.847	.825	.803	.795	.789	.785	.787	.805	.823	.842	.850	.850	.847	.827
„ 18,...	.829	.812	.795	.791	.803	.816	.830	.857	.871	.875	.868	.861	.841	.819	.812	.804	.791	.792	.811	.837	.851	.849	.857	.856	.830
„ 19,...	.844	.816	.803	.794	.800	.806	.822	.840	.850	.844	.828	.816	.792	.777	.750	.737	.739	.750	.770	.792	.804	.823	.827	.818	.802
„ 20,...	.795	.784	.769	.759	.766	.774	.794	.805	.818	.825	.814	.801	.785	.771	.751	.740	.745	.752	.752	.770	.773	.798	.792	.784	.780
„ 21,...	.759	.744	.735	.731	.737	.745	.764	.788	.791	.801	.800	.796	.768	.739	.721	.706	.712	.698	.721	.750	.768	.778	.784	.762	.754
„ 22,...	.752	.739	.718	.714	.724	.734	.746	.764	.786	.787	.782	.780	.762	.767	.744	.726	.747	.772	.789	.760	.786	.802	.816	.819	.763
„ 23,...	.810	.793	.775	.780	.782	.793	.815	.831	.853	.855	.856	.846	.826	.804	.784	.768	.768	.763	.774	.792	.812	.814	.820	.812	.805
„ 24,...	.802	.784	.762	.756	.760	.772	.790	.808	.820	.824	.800	.793	.769	.760	.751	.751	.742	.746	.764	.775	.795	.809	.806	.796	.781
„ 25,...	.781	.781	.753	.752	.757	.778	.791	.799	.820	.821	.816	.798	.775	.767	.747	.733	.729	.726	.745	.773	.785	.793	.803	.804	.776
„ 26,...	.781	.767	.751	.759	.765	.787	.798	.817	.831	.831	.816	.798	.775	.747	.742	.731	.731	.739	.747	.748	.764	.774	.775	.770	.773
„ 27,...	.758	.753	.750	.753	.754	.773	.784	.799	.809	.809	.794	.777	.756	.721	.712	.704	.693	.698	.708	.726	.740	.752	.748	.740	.751
„ 28,...	.723	.709	.706	.708	.718	.736	.758	.773	.783	.779	.762	.751	.727	.701	.679	.660	.640	.645	.660	.702	.733	.757	.771	.758	.722
„ 29,...	.757	.737	.751	.766	.776	.806	.828	.841	.860	.881	.879	.858	.837	.826	.824	.826	.824	.839	.867	.895	.916	.929	.931	.921	.841
„ 30,...	.906	.895	.902	.910	.915	.922	.944	.962	.976	.984	.977	.961	.946	.928	.903	.884	.887	.896	.907	.924	.933	.930	.920	.906	.926
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,.....	29.840	29.825	29.814	29.814	29.821	29.836	29.854	29.873	29.885	29.886	29.877	29.864	29.840	29.820	29.804	29.794	29.794	29.801	29.814	29.831	29.847	29.857	29.858	29.851	29.837

TABLE II.

TEMPERATURE, FOR THE MONTH OF APRIL, 1909.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.	Max.	Min.
April 1,	61.9	62.3	62.0	63.3	62.9	62.8	63.1	62.9	63.1	64.6	65.3	66.9	66.5	66.3	66.5	67.9	67.6	66.3	66.5	65.8	65.3	65.6	65.3	64.6	64.8	67.9	61.6
„ 2,	64.3	64.1	64.5	64.3	63.1	62.7	63.3	62.9	64.4	64.8	66.9	69.1	68.2	69.1	69.2	68.6	68.1	67.2	66.4	65.9	65.9	66.1	65.7	66.0	65.9	69.9	62.1
„ 3,	66.6	66.8	66.7	66.9	66.5	66.7	67.3	68.7	69.1	71.9	72.6	75.9	74.2	76.4	78.1	78.1	76.1	73.4	71.9	70.8	70.4	69.9	69.5	69.2	71.0	78.3	65.8
„ 4,	68.8	68.6	68.5	68.7	67.8	69.0	69.3	71.3	71.6	72.1	72.1	72.4	70.1	69.1	69.5	68.9	67.5	67.3	67.3	67.3	68.1	68.1	68.6	68.9	69.2	73.1	67.1
„ 5,	68.4	68.6	68.9	68.8	69.1	69.1	69.5	69.5	70.3	70.3	70.4	71.1	72.1	76.3	76.9	77.3	75.7	74.9	73.6	73.6	73.0	73.6	74.6	73.2	72.0	77.7	68.4
„ 6,	73.5	73.0	70.2	69.3	68.2	68.0	67.0	68.1	68.9	69.2	70.1	70.2	69.2	70.1	69.4	68.9	68.3	67.9	67.2	68.1	67.0	67.6	67.0	67.9	68.9	73.5	66.7
„ 7,	67.5	66.9	65.7	65.2	65.1	65.3	65.2	66.2	67.2	68.4	70.7	71.3	71.8	71.2	69.8	69.2	68.9	67.1	65.1	64.9	64.7	63.5	62.6	62.9	66.9	72.8	62.6
„ 8,	62.9	63.7	64.2	63.9	63.8	63.3	65.3	66.2	68.2	68.7	69.1	70.4	69.1	68.9	67.4	67.3	67.1	66.9	66.7	66.7	66.5	66.8	66.8	66.7	66.5	70.9	62.6
„ 9,	66.1	65.8	65.6	65.8	66.4	66.1	66.1	66.8	67.0	68.0	69.1	70.3	69.3	69.7	69.8	70.1	70.3	68.3	68.3	68.1	67.8	67.7	67.7	67.7	67.8	70.6	65.6
„ 10,	67.8	67.9	68.1	68.3	68.4	68.1	68.7	70.2	71.3	74.9	76.1	76.9	75.1	78.1	74.3	73.7	74.9	72.7	71.1	70.9	70.9	70.6	70.9	71.0	71.7	78.1	67.7
„ 11,	70.8	70.8	70.8	70.3	70.1	70.1	70.6	71.2	71.7	70.3	70.8	71.1	72.1	72.4	72.3	72.1	71.8	71.2	71.3	70.9	70.1	69.5	69.4	68.7	70.8	72.4	68.7
„ 12,	68.2	68.2	68.2	68.0	68.1	67.9	68.1	68.5	69.3	71.1	71.5	72.2	72.8	73.1	72.1	72.9	72.3	71.1	70.7	70.1	70.5	70.5	70.5	70.5	70.3	73.1	67.9
„ 13,	70.5	70.7	70.7	70.7	70.6	70.7	71.3	71.8	71.9	72.1	73.2	74.7	73.1	74.1	75.3	78.1	78.0	74.3	72.9	72.3	72.1	72.1	72.2	72.7	72.8	78.1	70.4
„ 14,	72.8	72.6	72.6	72.5	72.5	72.1	72.9	72.5	74.7	76.1	78.6	80.1	81.0	82.2	81.4	81.3	80.0	78.1	75.3	74.9	75.1	74.6	74.6	74.3	76.0	82.2	72.0
„ 15,	73.5	73.6	73.5	73.6	74.1	72.6	73.4	75.9	73.3	77.9	78.3	80.3	82.1	84.2	84.7	81.1	80.1	71.6	69.1	68.2	67.2	66.6	65.9	65.3	74.4	84.7	65.3
„ 16,	65.5	64.8	65.6	66.0	66.6	66.2	66.3	67.1	67.9	67.7	68.1	68.5	68.1	69.0	68.1	67.2	67.3	67.9	68.1	68.2	68.9	69.1	68.9	68.7	67.5	69.3	63.9
„ 17,	68.4	68.2	67.8	67.6	67.1	67.1	67.6	68.7	70.1	70.3	71.2	71.4	72.5	72.6	73.3	70.9	70.4	69.7	69.9	70.1	70.0	70.1	69.8	70.0	69.8	73.4	66.4
„ 18,	70.0	70.2	69.8	70.1	70.0	70.2	71.1	73.1	73.9	74.3	75.4	76.1	77.9	78.3	77.1	79.9	79.1	78.1	76.1	75.1	73.9	73.9	73.1	72.8	74.1	79.9	69.0
„ 19,	73.4	73.4	73.1	72.8	72.3	72.1	73.3	77.1	78.6	80.4	82.0	82.1	82.3	80.7	82.1	81.1	79.6	77.1	75.6	75.1	74.1	73.6	72.7	72.5	76.5	83.5	72.1
„ 20,	72.2	71.9	71.1	69.3	70.1	69.9	70.1	70.3	71.1	73.2	73.7	75.1	73.1	73.0	73.2	72.7	72.5	71.8	71.4	71.4	71.7	71.9	72.0	72.7	71.9	75.1	69.2
„ 21,	72.7	72.8	72.6	72.7	72.8	72.8	73.0	73.3	73.9	77.0	81.1	81.1	81.1	83.4	80.5	80.7	79.6	78.2	77.9	77.8	77.4	77.7	76.4	76.5	76.8	83.4	72.0
„ 22,	76.6	76.2	76.0	76.0	76.0	76.0	76.1	76.1	77.4	78.8	80.1	75.3	73.9	74.2	74.4	72.4	72.1	71.7	71.4	71.1	70.5	69.9	69.8	69.1	74.2	80.9	69.0
„ 23,	68.8	68.5	68.8	68.8	68.8	68.8	69.6	69.9	70.6	70.7	70.7	70.6	69.8	69.7	69.3	69.2	69.1	69.1	68.1	68.1	68.4	68.1	67.8	66.9	69.1	70.7	66.2
„ 24,	66.2	65.7	65.5	66.8	67.0	66.9	67.1	67.6	67.7	67.6	67.5	68.1	67.4	67.1	66.3	67.1	66.6	66.9	66.8	66.6	66.1	66.0	65.8	65.8	66.8	68.4	65.1
„ 25,	65.9	66.1	66.2	65.0	66.0	66.1	67.1	68.1	68.8	70.4	71.7	71.1	70.7	71.0	70.5	69.9	70.1	69.9	69.7	69.6	70.0	70.2	70.2	69.8	69.0	71.8	65.8
„ 26,	69.8	69.6	69.5	69.8	69.9	70.1	70.9	70.6	72.1	74.6	73.8	75.3	77.3	78.1	77.1	77.1	75.1	73.6	73.9	73.1	73.1	73.0	73.5	73.0	73.1	78.9	69.5
„ 27,	73.0	73.5	73.6	73.7	73.1	73.4	74.1	75.7	76.8	77.6	80.5	84.1	84.9	85.5	85.1	82.9	82.7	79.9	79.1	76.9	78.6	77.8	77.6	77.3	78.2	85.7	73.0
„ 28,	77.1	76.9	77.1	76.9	76.2	76.7	78.5	79.3	81.8	82.6	83.1	82.4	85.0	84.2	84.7	84.0	81.9	81.3	80.7	80.3	80.2	80.3	73.9	73.2	79.9	85.5	73.2
„ 29,	71.2	70.2	70.5	68.7	69.7	68.0	67.6	67.6	69.1	71.3	72.1	73.1	72.9	73.5	72.1	71.0	70.1	70.1	70.1	69.9	69.8	69.1	68.8	68.3	70.2	73.5	67.6
„ 30,	67.7	66.1	67.3	66.1	66.1	65.9	66.9	68.6	68.4	69.1	69.4	69.1	70.1	71.4	70.1	69.1	69.1	68.3	68.1	68.0	68.1	68.2	68.6	68.8	68.3	71.4	65.7
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,	69.4	69.3	69.2	69.0	68.9	68.8	69.3	70.2	71.0	72.2	73.2	73.9	73.8	74.4	74.0	73.7	73.1	71.7	71.0	70.7	70.5	70.4	70.0	69.8	71.1	75.8	67.4

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION, FOR THE MONTH OF APRIL, 1909.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.	Solar Max.
April 1, ...	60.5	59.6	60.0	59.6	59.3	59.3	59.8	59.8	60.8	61.8	62.0	62.6	63.1	63.8	63.8	64.8	64.8	64.0	64.3	64.0	64.0	63.8	63.7	62.8	62.2	87.3
„ 2, ...	62.7	62.9	62.7	62.5	61.8	61.4	61.5	61.5	62.2	62.5	63.9	64.8	64.0	65.0	65.0	64.8	64.8	64.1	63.8	63.8	63.7	63.8	63.5	64.0	63.4	123.5
„ 3, ...	64.5	64.9	64.7	64.5	64.1	64.9	65.1	65.8	65.8	66.8	67.6	68.8	68.8	69.8	69.8	69.8	69.5	68.1	68.0	67.8	67.8	67.6	67.3	66.9	67.0	121.3
„ 4.	67.0	66.8	66.5	66.4	66.3	67.5	67.8	68.8	69.4	69.8	70.0	69.8	67.2	66.6	66.9	66.3	65.6	65.5	65.7	66.1	66.2	66.5	67.0	67.5	67.2	122.5
„ 5, ...	67.3	67.3	67.4	67.5	67.8	67.8	68.1	68.2	67.9	67.9	68.4	68.6	69.0	71.4	71.3	71.8	70.6	70.8	70.5	70.8	70.4	70.8	71.6	70.9	69.3	121.4
„ 6, ...	71.5	71.7	66.5	64.7	63.9	63.0	60.4	59.9	59.9	59.4	58.5	57.3	56.0	54.6	55.0	54.8	54.1	53.9	54.3	54.4	54.6	55.0	55.8	54.2	58.9	126.4
„ 7, ...	53.4	52.7	52.5	51.9	51.8	52.1	51.3	52.9	53.3	52.8	54.8	55.8	57.8	56.7	54.6	54.0	53.8	53.8	53.6	54.2	55.0	55.3	55.8	55.2	53.9	127.4
„ 8, ...	56.4	57.4	58.0	58.1	58.6	58.8	59.9	59.8	60.8	61.5	61.8	62.8	61.8	61.8	61.1	60.6	60.6	60.5	60.7	60.8	60.6	60.6	60.6	60.9	60.1	112.9
„ 9, ...	60.8	60.5	60.6	60.3	58.8	58.3	57.8	57.5	59.8	60.3	61.9	62.8	61.8	62.1	62.8	63.0	62.8	61.3	61.8	61.8	62.1	62.5	63.0	63.2	61.1	124.1
„ 10, ...	63.1	63.4	63.4	63.8	64.2	64.1	64.8	65.0	65.6	68.0	69.1	69.5	68.8	71.0	69.0	68.3	69.6	69.0	67.5	68.0	68.3	68.4	69.5	69.4	67.1	124.4
„ 11, ...	69.4	69.3	69.4	69.5	68.3	67.8	68.0	67.3	65.8	66.3	65.1	63.8	66.5	66.6	66.6	66.9	66.8	67.0	67.0	68.2	67.9	67.4	66.4	65.8	67.3	121.0
„ 12, ...	65.4	64.8	64.8	64.2	64.4	64.0	64.4	64.8	64.8	66.2	66.4	66.7	67.0	66.8	66.8	67.8	67.8	68.0	67.8	67.8	68.0	67.8	68.3	68.4	66.4	123.5
„ 13, ...	68.6	68.9	69.1	69.0	69.0	68.8	69.5	69.6	69.6	69.8	70.4	70.8	70.1	70.7	71.3	72.3	72.3	71.0	70.8	70.4	70.4	70.5	70.8	71.1	70.2	128.4
„ 14, ...	71.2	71.1	71.0	71.1	71.6	70.8	71.7	71.2	72.3	72.9	72.8	73.3	73.0	73.9	73.3	73.6	73.8	72.8	72.8	72.6	72.8	72.2	72.4	72.3	72.4	128.2
„ 15, ...	71.9	71.9	71.8	71.8	72.6	71.1	71.8	73.1	72.3	73.5	74.4	74.0	74.8	75.8	75.8	74.3	75.6	68.8	67.5	67.6	65.8	65.1	64.7	63.5	71.2	137.3
„ 16, ...	63.5	63.2	62.2	62.4	62.4	61.6	61.6	61.9	62.3	61.8	61.9	61.8	61.8	62.8	61.7	63.0	63.0	63.8	64.4	64.8	65.6	65.9	66.3	65.7	63.1	123.0
„ 17, ...	65.5	65.2	64.7	63.4	63.5	63.8	64.3	65.1	65.6	65.9	66.3	67.0	67.8	67.8	68.3	67.3	67.0	67.1	67.5	67.8	68.6	68.5	68.5	68.8	66.5	125.2
„ 18, ...	68.7	69.2	68.9	68.7	69.1	69.3	69.8	70.5	70.9	71.4	72.0	72.6	73.0	73.4	73.0	73.8	73.3	73.3	72.8	72.3	72.0	72.4	71.6	71.4	71.4	131.1
„ 19, ...	71.7	72.1	71.6	71.2	71.3	71.1	72.3	73.8	73.5	72.8	74.1	74.3	74.6	73.5	74.5	73.8	73.1	72.8	72.6	72.8	72.0	72.2	71.0	71.1	72.7	129.0
„ 20, ...	71.2	70.6	69.6	68.4	69.3	68.7	68.8	68.8	68.8	70.0	69.8	69.8	69.1	69.1	69.3	69.5	69.7	69.5	69.7	69.7	70.3	70.6	70.6	71.4	69.7	132.6
„ 21, ...	71.4	71.4	71.2	71.4	71.4	71.4	71.6	71.8	72.4	73.8	75.4	75.8	75.1	75.8	74.8	75.7	75.1	75.1	74.2	75.3	75.1	75.3	74.6	74.7	73.7	135.3
„ 22, ...	74.6	74.7	74.6	74.5	74.6	75.1	75.2	74.8	74.8	74.8	75.8	73.4	72.6	71.7	72.2	70.4	69.5	69.4	69.6	69.4	68.6	68.7	68.7	67.9	72.3	126.8
„ 23, ...	67.4	67.1	67.0	66.7	66.6	66.8	67.0	67.1	67.1	66.9	66.6	66.4	65.8	66.0	65.3	65.5	65.5	65.1	65.1	65.2	65.1	65.3	65.1	64.4	66.1	99.4
„ 24, ...	64.5	63.4	63.5	63.2	63.4	62.7	63.3	63.2	63.4	63.2	64.0	64.4	63.1	63.1	62.8	63.8	63.8	64.5	64.7	64.7	64.7	64.6	64.5	64.6	63.8	109.0
„ 25, ...	64.5	64.4	64.6	64.6	64.6	64.7	65.6	66.4	66.8	67.2	68.4	67.8	67.7	68.0	67.8	68.4	68.3	68.5	68.6	68.4	69.2	69.0	69.2	69.1	67.2	120.2
„ 26, ...	68.6	68.5	68.6	68.7	68.8	69.1	69.8	69.8	70.8	72.4	71.8	72.8	74.2	74.8	74.3	73.7	73.4	72.8	72.7	72.5	72.6	72.6	72.8	72.5	71.6	126.8
„ 27, ...	72.5	72.9	73.0	73.2	72.5	72.8	73.6	74.5	75.3	75.3	76.3	75.0	75.4	76.6	76.4	73.5	74.0	74.8	73.5	74.0	73.5	74.8	74.9	74.8	74.3	129.9
„ 28, ...	74.8	74.8	74.6	74.3	74.8	74.8	74.8	75.1	75.6	76.1	75.9	75.9	77.8	77.2	77.6	76.9	75.3	75.4	75.5	75.9	76.0	76.3	71.5	71.5	75.4	132.6
„ 29, ...	69.7	68.3	66.2	65.8	64.8	62.8	60.8	60.6	60.8	61.7	62.3	62.8	62.4	62.8	61.0	59.3	58.8	58.7	58.5	58.8	58.1	57.9	57.9	57.3	61.6	125.1
„ 30, ...	56.7	56.7	56.3	55.7	55.8	54.7	55.6	56.0	56.1	57.3	59.4	59.6	61.8	61.3	60.8	60.5	60.8	60.7	60.8	60.1	60.6	60.8	61.5	61.4	58.8	123.4
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means, ...	66.6	66.5	66.2	65.9	65.8	65.6	65.8	66.1	66.5	67.0	67.6	67.7	67.7	68.0	67.8	67.6	67.4	67.0	66.9	67.0	67.0	67.1	67.0	66.8	66.9	123.3

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR, FOR THE MONTH OF APRIL, 1909.

Hours.	Hourly Means.		Date.	Daily Means.	
	Humidity.	Tension.		Humidity.	Tension.
			1909.		
1 a.	86	0.626	April 1,.....	86	0.527
2 „	86	.623	„ 2,.....	87	.552
3 „	85	.614	„ 3,.....	80	.610
4 „	84	.605	„ 4,.....	90	.641
5 „	84	.603	„ 5,.....	87	.681
6 „	84	.598	„ 6,.....	52	.366
7 „	82	.599	„ 7,.....	37	.245
8 „	80	.597	„ 8,.....	66	.436
9 „	78	.600	„ 9,.....	66	.450
10 „	75	.602	„ 10,.....	78	.604
11 „	74	.611	„ 11,.....	83	.623
Noon.	71	.605	„ 12,.....	81	.597
1 p.	72	.607	„ 13,.....	88	.705
2 „	70	.609	„ 14,.....	84	.748
3 „	71	.608	„ 15,.....	85	.722
4 „	72	.604	„ 16,.....	77	.520
5 „	73	.605	„ 17,.....	83	.608
6 „	77	.609	„ 18,.....	87	.735
7 „	80	.615	„ 19,.....	83	.754
8 „	81	.623	„ 20,.....	89	.698
9 „	83	.625	„ 21,.....	86	.791
10 „	84	.630	„ 22,.....	91	.768
11 „	85	.632	„ 23,.....	85	.602
Midt.	85	.627	„ 24,.....	84	.554
			„ 25,.....	91	.643
			„ 26,.....	93	.756
			„ 27,.....	82	.797
			„ 28,.....	80	.821
			„ 29,.....	59	.435
			„ 30,.....	54	.371
			.....	...	...
Mean, ...	79	0.612	Mean, ...	79	0.612

TABLE V.

DURATION OF SUNSHINE

Date.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Sums.
1909.														
April 1,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 2,.....	...	...	...	...	...	0.5	0.5	0.9	1.0	1.0	1.0	0.9	...	5.8
„ 3,.....	...	0.5	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	...	10.0
„ 4,.....	...	...	0.9	1.0	0.1	0.2	0.7	0.7	0.8	0.6	0.2	0.3	...	5.5
„ 5,.....	...	...	0.2	1.0	1.0	1.0	1.0	1.0	0.8	0.7	0.8	...	...	7.5
„ 6,.....	...	...	...	...	...	0.4	...	...	0.1	0.2	...	...	...	0.7
„ 7,.....	...	...	...	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	8.1
„ 8,.....	...	0.8	0.1	0.1	0.3	0.5	...	...	...	...	...	...	...	1.8
„ 9,.....	...	...	...	...	0.2	0.2	0.4	...	...	...	0.4	...	...	1.2
„ 10,.....	...	0.1	0.2	0.2	1.0	0.6	1.0	1.0	1.0	1.0	0.6	0.1	...	6.8
„ 11,.....	...	0.1	0.3	...	0.2	...	0.4	0.8	...	0.2	...	0.1	...	2.1
„ 12,.....	...	...	...	0.1	0.7	0.4	0.3	0.9	0.9	1.0	0.4	0.1	...	4.8
„ 13,.....	...	...	...	...	...	0.5	0.8	0.1	0.5	1.0	1.0	0.9	...	4.8
„ 14,.....	...	...	0.1	0.3	0.6	0.8	1.0	1.0	1.0	1.0	1.0	0.9	...	7.7
„ 15,.....	...	...	0.1	0.3	0.6	0.6	0.4	1.0	1.0	0.9	0.5	0.1	...	5.5
„ 16,.....	...	...	...	...	0.3	0.1	0.8	0.1	1.0	0.3	...	...	...	2.6
„ 17,.....	...	...	0.5	0.6	0.9	1.0	1.0	1.0	1.0	0.5	...	...	...	6.5
„ 18,.....	...	0.1	0.4	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	9.6
„ 19,.....	...	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	...	10.3
„ 20,.....	...	...	...	0.2	0.9	1.0	1.0	0.8	0.9	1.0	1.0	1.0	...	7.8
„ 21,.....	...	...	...	0.4	0.8	0.9	0.6	0.7	1.0	0.1	...	...	...	4.5
„ 22,.....	...	...	...	1.0	0.9	0.4	...	...	...	...	...	...	...	2.3
„ 23,.....	...	...	...	...	0.1	...	...	...	...	...	...	...	...	0.1
„ 24,.....	...	...	...	...	0.1	0.2	...	0.2	...	...	...	...	...	0.5
„ 25,.....	...	...	...	0.1	0.4	0.6	0.3	0.7	0.5	0.4	...	...	...	3.0
„ 26,.....	...	...	...	...	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.4	...	7.2
„ 27,.....	...	...	0.4	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	9.2
„ 28,.....	...	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	...	10.3
„ 29,.....	0.4	0.6	...	0.8	0.9	1.0	0.7	0.5	...	...	...	...	...	4.9
„ 30,.....	...	...	0.2	0.1	...	0.2	...	0.1	1.0	1.0	0.9	0.8	...	4.3
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,.....	0.4	3.0	6.4	11.3	17.0	18.1	17.9	18.5	19.5	17.8	14.7	10.5	0.3	155.4

TABLE VI.

RAINFALL FOR THE MONTH OF APRIL, 1909.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Sums.	Duration. Hours.
April 1,	...	...	...	...	...	...	0.055	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.055	2
„ 2,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
„ 3,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 4,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 5,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 6,	0.650	0.025	...	...	...	...	0.015	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.690	3
„ 7,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 8,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 9,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 10,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 11,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 12,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 13,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 14,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 15,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.010	0.005	0.005	...	0.005	0.005	0.030	7
„ 16,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
„ 17,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 18,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
„ 19,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	0.005	0.015	0.015	0.040	3
„ 20,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6
„ 21,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.010	...	...	...	...	...	0.010	2
„ 22,	...	...	...	...	0.095	0.110	...	0.170	...	...	...	0.095	0.140	0.045	0.020	...	...	...	...	0.005	...	...	...	...	0.680	8
„ 23,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.025	0.070	...	...	...	...	0.095	2
„ 24,	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	3
„ 25,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	...	...	...	0.005	0.010	7
„ 26,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 27,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 28,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.465	0.265	0.060	0.790	2
„ 29,	0.050	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.050	1
„ 30,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	0.705	0.025	...	...	0.095	0.110	0.070	0.170	...	...	...	0.095	0.140	0.045	0.020	...	...	...	0.045	0.085	0.010	0.470	0.285	0.085	2.455	50

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND, FOR THE MONTH OF APRIL, 1909.

Date.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.		7 a.		8 a.		9 a.		10 a.		11 a.		Noon.		1 p.		2 p.		3 p.		4 p.		5 p.		6 p.		7 p.		8 p.		9 p.		10 p.		11 p.		Midt.		Vel.		Dir.
	Dir.	Vel	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Sums.	Means.	Means.
April 1,	7	26	7	26	8	34	8	30	7	31	8	32	8	27	7	26	8	22	8	16	7	11	8	10	8	10	8	11	8	4	8	2	8	3	8	8	8	4	8	11	8	15	8	14	7	17	6	24	414	17.3	8
„ 2,	6	20	6	24	6	22	7	21	6	24	6	21	7	23	8	27	6	24	7	24	7	25	7	21	7	22	7	20	8	18	7	18	7	16	8	18	8	16	8	10	8	10	8	12	8	10	8	7	453	18.9	7
„ 3,	8	5	8	5	...	1	...	0	..	1	8	6	8	9	7	11	7	14	7	12	7	11	8	4	7	6	8	5	25	10	24	10	24	6	25	4	28	5	28	5	28	3	28	4	..	0	28	3	140	5.8	5
„ 4,	28	2	...	1	28	2	28	2	28	2	...	1	...	1	6	10	7	13	7	13	7	18	8	18	8	22	8	22	7	20	8	18	8	15	8	15	8	15	8	13	8	11	8	11	8	10	8	11	266	11.1	8
„ 5,	8	9	8	10	8	12	8	11	6	8	7	11	7	15	8	17	8	17	8	18	7	21	8	19	8	13	15	12	16	12	16	12	16	12	17	10	25	7	27	4	27	6	23	5	19	4	26	5	270	11.2	9
„ 6,	27	5	29	3	1	22	30	6	4	6	30	7	4	13	2	27	32	15	18	12	8	11	1	15	1	15	1	14	32	12	1	10	32	6	1	10	31	6	2	10	1	10	1	7	4	3	4	9	254	10.6	1
„ 7,	2	9	2	10	1	14	3	8	3	8	5	8	2	12	2	8	1	12	1	10	7	6	9	10	10	11	10	9	9	11	9	15	9	11	11	6	12	4	12	3	...	1	..	1	12	3	12	2	192	8.0	6
„ 8,	12	3	12	2	12	9	11	10	11	10	11	7	11	9	10	10	10	9	9	16	9	11	9	13	9	14	9	12	9	12	9	14	9	12	9	14	9	11	9	13	9	12	9	12	9	10	9	11	256	10.7	10
„ 9,	6	10	8	14	8	17	8	13	7	10	7	9	7	10	7	6	7	6	7	9	8	13	8	14	8	15	8	15	8	16	8	16	8	14	9	17	9	11	9	15	9	16	9	14	9	15	9	12	3.0	12.9	8
„ 10,	9	14	9	10	9	9	9	7	9	5	9	5	9	3	9	5	9	6	9	5	9	4	9	7	9	12	9	5	7	11	7	9	32	5	32	5	...	0	...	1	32	2	3	5	6	8	8	10	153	6.4	8
„ 11,	8	19	8	9	9	8	9	10	10	12	10	13	9	14	7	19	8	22	7	27	7	30	6	26	7	30	6	28	6	24	6	27	7	20	7	23	7	25	6	22	6	22	7	20	7	17	6	18	476	19.8	7
„ 12,	6	21	5	22	5	21	6	25	5	24	7	21	7	21	7	21	7	19	8	18	8	16	8	16	8	16	8	17	9	20	8	19	8	18	9	17	9	12	9	8	9	11	9	10	9	8	9	8	409	17.0	7
„ 13,	9	7	9	7	9	5	9	10	9	8	9	8	8	10	8	9	8	13	8	13	8	14	8	14	8	13	8	11	8	9	13	8	15	8	10	9	10	9	9	10	9	9	9	8	9	8	9	6	226	9.4	9
„ 14,	9	5	9	2	9	3	...	1	9	2	...	0	9	3	...	1	9	3	9	6	23	7	21	8	18	16	15	12	17	9	17	10	17	8	17	9	23	3	...	1	23	4	23	3	23	6	24	6	128	5.3	18
„ 15,	24	5	23	5	28	2	...	1	28	2	1	4	1	4	32	3	29	5	25	7	26	11	24	9	24	10	23	10	23	5	26	5	29	8	7	35	7	34	7	34	7	36	7	40	7	40	7	37	352	14.7	6
„ 16,	7	35	7	34	7	34	7	33	7	34	7	33	7	34	7	33	7	32	7	37	7	36	7	34	7	33	7	32	7	31	7	32	7	29	7	27	7	30	7	26	7	28	7	22	7	27	7	24	750	31.3	7
„ 17,	7	23	7	23	7	22	7	21	7	21	7	20	7	20	8	24	8	20	7	21	7	21	8	20	8	22	8	19	8	18	8	19	8	18	8	22	9	18	8	17	8	18	8	15	8	16	8	16	474	19.7	8
„ 18,	8	15	8	14	8	14	8	13	8	10	8	15	8	14	8	12	8	12	8	16	7	18	8	16	7	14	7	11	8	9	12	6	17	7	16	6	15	4	15	2	10	3	...	0	...	1	...	1	233	9.7	8
„ 19,	...	1	...	0	15	3	16	3	...	1	...	1	14	3	6	4	11	3	11	6	10	5	8	5	7	4	5	7	10	8	15	6	15	4	15	7	15	8	9	10	9	16	10	17	11	15	11	17	154	6.4	11
„ 20,	9	15	8	13	7	11	6	15	8	18	8	21	8	24	8	25	7	23	8	18	8	19	8	20	8	18	8	21	8	21	8	23	8	20	8	19	8	18	8	18	8	15	8	9	6	6	7	5	415	17.3	8
„ 21,	7	7	7	7	7	5	7	6	6	8	7	9	7	13	6	10	7	12	7	6	17	8	17	9	17	8	18	10	18	10	16	10	18	9	15	8	17	6	14	2	18	2	16	2	25	2	27	2	171	7.1	12
„ 22,	24	4	28	5	28	3	28	4	23	2	23	7	28	5	26	5	26	6	26	6	26	5	22	4	6	6	28	7	13	10	8	13	9	11	8	19	8	14	7	23	5	26	7	21	7	24	7	17	247	10.3	6
„ 23,	7	23	8	23	8	24	7	20	8	19	8	24	8	21	7	24	7	22	7	25	7	23	7	26	6	22	7	25	7	24	7	28	7	24	7	28	7	30	7	28	7	26	7	27	7	25	7	27	588	24.5	7
„ 24,	6	21	8	26	7	27	7	28	7	30	7	30	7	31	8	30	7	29	7	30	7	32	7	32	7	31	7	30	7	27	8	31	7	30	7	28	7	29	7	31	7	27	7	27	7	29	7	29	695	29.0	7
„ 25,	7	26	7	26	7	28	7	29	7	29	7	28	8	26	7	27	8	29	7	26	7	24	7	26	7	25	8	25	8	26	8	25	7	24	7	27	7	25	7	24	7	26	7	21	7	22	7	18	612	25.5	7
„ 26,	8	22	8	20	9	22	9	20	9	21	8	20	9	21	9	18	8	14	7	17	7	17	7	17	7	16	7	11	8	13	7	11	8	10	5	12	7	14	6	14	6	14	6	11	7	9	6	12	376	15.7	8
„ 27,	6	9	6	6	5	6	5	7	7	8	5	9	5	9	6	9	6	7	6	5	30	4	20	7	19	13	19	12	20	12	20	13	19	8	16	6	15	4	15	2	17	6	17	3	15	3	12	4	172	7.2	13
„ 28,	15	8	15	6	17	5	18	4	27	4	27	3	21	6	20	10	19	14	19	16	19	14	20	13	20	16	19	17	19	17	19	19	18	18	19	13	18	16	19	10	18	10	22	11	24	8	23	9	267	11.1	19
„ 29,	28	14	31	9	32	6	31	8	32	8	32	11	32	9	30	13	1	9	30	11	32	22	31	15	32	18	32	14	31	13	30	8	1	14	1	13	32	16	1	17	1	19	32	16	32	20	1	20	323	13.5	32
„ 30,	1	16	1	9	1	14	32	18	1	16	2	15	1	12	4	11	4	15	4	14	7	19	6	22	6	23	7	18	7	20	8	18	7	16	7	16	7	15	6	10	5	12	6	15	7	17	6	20	381	15.9	5
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	...	390	...	371	...	405	...	384	...	382	...	399	...	422	...	455	...	447	...	469	...	476	...	470	...	494	...	462	...	452	...	455	...	404	...	451	...	412	...	394	...	416	...	383	...	383	...	390	10157	423.2	...
Means,	...	13.0	...	12.4	...	13.5	...	12.8	...	12.7	...	13.3	...	14.1	...	15.2	...	14.9	...	15.3	...	15.9	...	15.7	...	16.5	...	15.4	...	15.1	...	15.2	...	13.5	...	15.0	...	13.7	...	13.1	...	13.9	...	12.8	...	12.8	...	13.0	338.6	14.1	...

TABLE VIII.

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 a.			4 a.			7 a.			10 a.		
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction
1909.												
April 1, ...	10	cum-nim.	E	10	cum-nim.	E	10	cum-nim.	E	10	cum.	E
„ 2, ...	10	cum-nim.	E	10	cum-nim.	E	10	cum-nim.	E	10	cum.	E
„ 3, ...	8	cum.	SW	10	cum.	WSW	4	sm-cum.	WSW	2	c-cum. / sm-cum.	WSW
„ 4, ...	0	...	...	0	...	...	10	sm-cum.	W	10	sm-cum. / cum.	W / S
„ 5, ...	8	cum.	SSE	10	cum.	S	9	cum.	S	6	cum.	S
„ 6, ...	10	nim.	W	10	cum.	W	10	nim.	W	10	cum.	W
„ 7, ...	8	sm-cum.	WSW	10	c-cum. / sm-cum.	W	9	sm-cum.	W	9	cum.	W
„ 8, ...	8	sm-cum.	W	6	sm-cum.	W	4	c-cum. / sm-cum.	W	10	sm-cum.	W
„ 9, ...	10	cum.	SSW	10	cum.	SW	10	cum.	WSW	10	cum.	SW
„ 10, ...	10	sm-cum. / cum.	W / ..	10	cum.	...	10	sm-cum. / cum.	W / SSW	7	sm-cum. / cum.	WSW / ..
„ 11, ...	10	cum.	SE	10	sm-cum. / cum.	W / SE	10	sm-cum. / cum.	W / ..	10	sm-cum. / cum.	W / ESE
„ 12, ...	8	sm-cum.	W	10	cum.	E	10	cum.	E	8	sm-cum. / cum.	SW / ESE
„ 13, ...	10	cum.	...	10	cum.	SSE	10	cum.	S	10	cum.	SSW
„ 14, ...	6	cum.	...	10	cum.	S	10	cum.	S	9	cum.	SW
„ 15, ...	1	cum.	...	9	cum.	...	10	cum.	W	8	cum.	W
„ 16, ...	10	nim.	E	10	cum.	E	10	sm-cum. / cum.	E	10	cum. / cum.	SW / ESE
„ 17, ...	10	cum-nim.	E	10	cum.	E	10	cum.	E	6	sm-cum. / cum.	SE
„ 18, ...	10	nim.	...	10	cum-nim.	ESE	10	sm-cum. / cum.	SSW / ESE	8	cum.	SW
„ 19, ...	3	cum.	...	2	cum.	...	3	cum.	...	3	cum.	...
„ 20, ...	10	nim.	...	10	nim.	E	10	cum. / nim.	SSW / E	8	cum.	E
„ 21, ...	4	cum.	...	10	cum.	...	10	nim.	SSW	10	cum.	S
„ 22, ...	9	cum.	SW	10	cum-nim.	SW	10	cum-nim.	SW	9	cum.	SW
„ 23, ...	7	cum.	E	3	cum.	...	10	cum. / cum.	SW / E	10	cum.	E
„ 24, ...	10	cum-nim.	E	10	cum-nim.	E	10	cum.	E	10	cum.	E
„ 25, ...	10	nim.	E	10	nim.	E	10	cum-nim.	E	10	cum.	E
„ 26, ...	10	cum-nim.	E	10	cum.	E	10	cum-nim.	E	8	cum. / cum.	S / E
„ 27, ...	5	cum.	...	2	cum.	...	10	cum.	SSW	7	cum.	S
„ 28, ...	2	cum.	SSW	4	cum.	SSW	10	cum.	SSW	6	cum.	SW
„ 29, ...	10	cum-nim.	...	10	cum.	...	10	sm-cum.	WNW	8	c-str. / sm-cum.	W
„ 30, ...	7	sm-cum.	WSW	10	cum.	...	10	sm-cum.	WSW	10	sm-cum.	W
.....	...	...	...	...	...	...	...	...	...	...	...	...
Means,...	7.8	...	...	8.5	...	...	9.3	...	...	8.4	...	...

TABLE VIII,—*Continued.*

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 p.			4 p.			7 p.			10 p.			Means.
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	
1909.													
April 1,...	10	cum.	E	10	cum.	E	10	cum.	E	10	cum.	E	10.0
„ 2,...	7	sm-cum. / cum.	W / E	4	cum.	E	0	...	...	2	c-cum.	WSW	6.6
„ 3,...	1	cum.	...	1	cum.	...	1	cum.	...	0	...	...	3.4
„ 4,...	9	sm-cum. / cum.	W / S	9	sm-cum. / cum.	W / SSE	10	sm-cum. / cum.	WSW / SSE	7	cum.	SE	6.9
„ 5,...	9	sm-cum. / cum.	.. / S	9	sm-cum. / cum.	SSW	10	cum.	SSW	10	cum.	SW	8.9
„ 6,...	10	cum-nim.	W	10	sm-cum. / cum.	W / NNW	10	cum.	NW	5	sm-cum.	W	9.4
„ 7,...	9	sm-cum.	W	1	sm-cum.	...	2	cum.	...	0	...	...	6.0
„ 8,...	10	sm-cum. / cum.	W / S	10	cum.	S	10	cum-nim.	...	10	cum-nim.	...	8.5
„ 9,...	10	cum.	SSW	9	sm-cum. / cum.	W / S	10	cum.	S	8	sm-cum. / cum.	W / ..	9.6
„ 10,...	2	cum.	...	9	sm-cum. / cum.	S	9	sm-cum. / cum.	W / ..	8	sm-cum. / cum.	W / ..	8.1
„ 11,...	9	sm-cum. / cum.	ESE / W	10	sm-cum. / cum.	W / SE	7	sm-cum. / cum.	W / ESE	3	cum.	E	8.6
„ 12,...	9	sm-cum. / cum.	SW / ..	6	cum.	S	5	cum.	SSE	4	cum.	...	7.5
„ 13,...	9	cum.	S	5	sm-cum. / cum.	S	2	cum.	...	2	cum.	...	7.3
„ 14,...	3	cum.	SW	3	c-str. / cum.	SW	3	cum.	SW	2	cum.	...	5.7
„ 15,...	8	c-str. sm-cum. / cum.	SW / .. W	10	c-str. sm-cum. / cum.	SW / W / ..	10	nim.	E	10	nim.	...	8.3
„ 16,...	10	cum. / cum.	SW / SE	10	cum. / cum.	.. / ESE	10	cum.	E	10	cum-nim.	E	10.0
„ 17,...	5	sm-cum. / cum.	W / SE	10	sm-cum. / cum.	W / SE	10	cum.	SE	10	cum-nim.	ESE	8.9
„ 18,...	5	c-str. / cum.	W / SSW	3	cum.	...	1	cum.	...	0	...	...	5.9
„ 19,...	3	cum.	...	1	cum.	...	1	cum.	...	10	nim.	E	3.2
„ 20,...	8	cum. / cum.	SSW / SE	3	cum.	SSE	0	...	...	0	...	...	6.1
„ 21,...	10	sm-cum. / cum.	.. / SSW	10	sm-cum. / cum.	SW	10	nim.	SW	10	cum.	SW	9.3
„ 22,...	10	nim.	...	10	cum.	W	10	cum-nim.	...	10	nim.	...	9.7
„ 23,...	10	cum.	E	10	cum.	E	10	nim.	SE	10	cum-nim.	...	8.8
„ 24,...	10	cum.	E	10	nim.	E	10	cum-nim.	E	10	cum-nim.	E	10.0
„ 25,...	10	cum.	E	10	cum-nim.	E	10	nim.	E	10	nim.	...	10.0
„ 26,...	7	sm-cum. / cum.	W / S	6	sm-cum. / cum.	W / SW	8	cum.	SW	10	cum.	SSW	8.6
„ 27,...	6	c-str. / cum.	SSW	2	cum.	...	3	cum.	...	3	c-str. / cum.	...	4.7
„ 28,...	5	cum.	SW	4	cum.	SW	9	cum.	SW	10	cum.	SW	6.3
„ 29,...	9	c-cum. / sm-cum.	W / W	10	str-cum.	WSW	10	cum.	SW	7	sm-cum.	W	9.3
„ 30,...	10	c-cum. / cum.	W / E	7	c-str. / sm-cum.	W / WSW	9	c-str. / sm-cum.	W / WSW	3	sm-cum.	W	8.2
.....	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,...	7.8	...	...	7.1	...	...	7.0	...	...	6.5	...	...	7.8

TABLE IX.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR THE MONTH OF APRIL, 1909.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N −S	+E −W	
1 a.	3.2	10.8	0.6	0.8	+ 2.6	+ 10.0	E 14° N
2 „	2.6	10.7	0.4	0.4	2.2	10.3	E 12° N
3 „	3.6	11.0	0.8	0.2	2.8	10.9	E 14° N
4 „	3.1	10.8	0.7	0.3	2.4	10.5	E 13° N
5 „	3.4	10.9	0.6	0.2	2.8	10.7	E 14° N
6 „	2.8	11.6	0.4	0.4	2.4	11.2	E 12° N
7 „	2.9	12.3	0.7	0.3	2.2	12.0	E 11° N
8 „	3.4	13.1	0.5	0.6	2.9	12.5	E 13° N
9 „	3.3	12.6	0.6	0.6	2.6	12.1	E 12° N
10 „	2.8	13.1	1.1	1.0	1.7	12.0	E 8° N
11 „	3.1	13.4	0.9	1.1	2.2	12.3	E 10° N
Noon.	2.6	12.9	1.2	1.3	1.4	11.6	E 7° N
1 p.	2.9	13.1	1.8	1.2	1.1	11.9	E 5° N
2 „	2.6	11.8	2.2	1.2	+ 0.4	10.7	E 2° N
3 „	2.1	11.4	2.4	1.4	− 0.3	10.1	E 2° S
4 „	1.6	11.5	2.7	1.3	1.1	10.2	E 6° S
5 „	2.1	9.8	2.6	0.9	0.4	8.9	E 3° S
6 „	2.3	12.0	2.4	0.5	− 0.1	11.5	E
7 „	2.3	11.2	1.8	0.7	+ 0.4	10.4	E 2° N
8 „	2.7	11.3	0.9	0.4	1.8	10.9	E 9° N
9 „	3.2	11.6	1.0	0.6	2.2	11.0	E 11° N
10 „	2.5	10.8	0.9	0.7	1.6	10.1	E 9° N
11 „	2.4	11.0	0.9	0.6	1.5	10.4	E 8° N
Midt.	3.0	11.0	0.7	0.8	+ 2.3	+ 10.2	E 13° N
Means,.....	2.8	11.7	1.2	0.7	+1.57	+10.93	E 8° N

PHENOMENA :—

Solar halo :—on the 18th and 19th.

Lunar halo :—on the 27th.

Lunar corona :—on the 5th.

Fog :—on the 15th, 19th, 22nd, 26th and 27th.

Slight fog :—on the 5th and 26th.

Haze :—on the 3rd, 4th, 5th, 6th, 8th, 10th 14th, 17th, 19th and 20th.

Unusual visibility :—on the 29th.

Dew :—on the 14th and 15th.

Lightning without thunder :—on the 14th, 15th, 21st and 22nd.

Thunder without lightning :—on the 22nd.

Thunderstorms :—on the 6th 12.45 a—1.30 a, W—E, nearest at 12.48 a (10°) ; 28th 10 p—29th 1.40 a, NNW—SSW, nearest at 11 p (2°).

TABLE I.

BAROMETRIC PRESSURE, FOR THE MONTH OF MAY, 1909.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.
May 1,...	29.881	29.856	29.845	29.844	29.860	29.874	29.878	29.899	29.919	29.931	29.923	29.906	29.880	29.852	29.835	29.818	29.825	29.835	29.834	29.846	29.839	29.860	29.859	29.854	29.865
„ 2,...	.832	.819	.803	.788	.784	.803	.833	.856	.859	.858	.839	.824	.800	.790	.768	.755	.747	.771	.763	.788	.814	.824	.826	.822	.807
„ 3,...	.820	.807	.811	.809	.814	.822	.854	.864	.875	.873	.869	.857	.830	.802	.764	.755	.759	.753	.758	.772	.792	.804	.806	.797	.811
„ 4,...	.790	.775	.756	.749	.763	.787	.814	.834	.858	.863	.858	.838	.807	.777	.746	.730	.717	.735	.737	.756	.764	.774	.777	.780	.783
„ 5,...	.772	.758	.750	.753	.770	.779	.794	.801	.802	.794	.780	.757	.740	.712	.682	.672	.668	.684	.688	.711	.707	.740	.738	.734	.741
„ 6,...	.712	.695	.683	.680	.686	.698	.714	.725	.742	.752	.737	.730	.715	.695	.672	.659	.660	.662	.677	.695	.703	.714	.730	.724	.702
„ 7,...	.705	.692	.685	.682	.680	.694	.718	.729	.742	.745	.744	.726	.707	.701	.669	.655	.655	.657	.670	.678	.699	.712	.704	.700	.698
„ 8,...	.683	.665	.667	.660	.668	.675	.688	.698	.712	.720	.717	.719	.694	.684	.666	.654	.671	.677	.692	.713	.721	.740	.734	.723	.693
„ 9,...	.719	.711	.697	.693	.706	.713	.737	.766	.773	.777	.765	.759	.745	.739	.731	.729	.722	.736	.744	.758	.765	.771	.784	.784	.743
„ 10,...	.775	.775	.775	.779	.787	.800	.815	.829	.837	.835	.836	.823	.805	.781	.750	.744	.749	.764	.787	.807	.822	.844	.845	.836	.800
„ 11,...	.837	.826	.820	.827	.843	.855	.875	.883	.891	.898	.895	.882	.860	.849	.838	.831	.831	.832	.844	.861	.866	.873	.871	.866	.856
„ 12,...	.867	.864	.866	.855	.851	.862	.868	.884	.891	.884	.878	.867	.838	.826	.801	.790	.790	.797	.806	.819	.824	.833	.836	.827	.843
„ 13,...	.806	.784	.789	.783	.776	.790	.792	.802	.801	.794	.786	.767	.742	.729	.710	.698	.698	.706	.713	.726	.741	.755	.747	.737	.757
„ 14,...	.716	.695	.687	.679	.683	.697	.715	.729	.736	.742	.736	.725	.705	.680	.663	.647	.660	.682	.701	.725	.738	.751	.749	.742	.708
„ 15,...	.726	.717	.705	.714	.740	.753	.782	.806	.822	.823	.821	.800	.775	.758	.745	.742	.751	.773	.789	.814	.828	.832	.819	.796	.776
„ 16,...	.800	.794	.794	.798	.818	.826	.876	.876	.890	.884	.872	.867	.844	.823	.819	.809	.800	.807	.819	.841	.867	.877	.867	.856	.838
„ 17,...	.834	.829	.818	.815	.821	.814	.841	.855	.861	.864	.861	.857	.833	.821	.796	.783	.775	.765	.781	.811	.832	.839	.835	.820	.823
„ 18,...	.803	.782	.775	.775	.773	.783	.801	.821	.829	.839	.843	.829	.807	.786	.766	.755	.747	.758	.777	.788	.801	.816	.808	.801	.794
„ 19,...	.798	.790	.780	.777	.773	.794	.812	.832	.828	.826	.826	.805	.777	.755	.724	.704	.704	.709	.728	.752	.772	.780	.777	.764	.774
„ 20,...	.758	.756	.741	.730	.732	.737	.749	.764	.777	.772	.761	.746	.714	.695	.683	.660	.670	.696	.705	.714	.717	.741	.748	.740	.729
„ 21,...	.723	.704	.693	.681	.678	.690	.702	.722	.728	.740	.728	.732	.708	.700	.686	.674	.664	.675	.697	.706	.712	.738	.737	.721	.706
„ 22,...	.705	.704	.698	.702	.700	.705	.716	.743	.748	.766	.768	.778	.762	.762	.738	.726	.725	.754	.772	.786	.798	.800	.809	.807	.749
„ 23,...	.799	.796	.787	.785	.792	.805	.822	.844	.849	.853	.848	.841	.814	.806	.798	.783	.777	.777	.789	.803	.813	.821	.805	.791	.808
„ 24,...	.780	.762	.743	.737	.737	.742	.752	.754	.772	.767	.742	.751	.736	.708	.644	.666	.688	.696	.703	.715	.719	.726	.727	.722	.729
„ 25,...	.702	.687	.673	.667	.669	.676	.695	.697	.703	.693	.684	.669	.641	.618	.613	.600	.603	.617	.631	643	.660	.674	.668	.651	.660
„ 26,...	.643	.643	.643	.633	.658	.678	.705	.727	.734	.746	.747	.739	.735	.741	.740	.743	.758	.766	.775	.794	.806	.823	.829	.802	.734
„ 27,...	.782	.767	.760	.760	.775	.796	.816	.839	.841	.845	.838	.830	.798	.785	.765	.752	.751	.751	.784	.800	.816	.817	.816	.806	.796
„ 28,...	.797	.796	.792	.797	.816	.825	.838	.860	.874	.870	.858	.841	.823	.810	.794	.782	.780	.790	.806	.830	.838	.848	.847	.843	.823
„ 29,...	.837	.833	.828	.826	.832	.838	.849	.864	.862	.866	.860	.852	.833	.824	.810	.796	.792	.798	.814	.821	.836	.846	.848	.840	.834
„ 30,...	.818	.795	.779	.776	.782	.789	.795	.818	.833	.838	.820	.797	.772	.759	.742	.740	.743	.742	.755	.778	.791	.803	.804	.786	.786
„ 31,...	.767	.746	.730	.725	.722	.743	.756	.771	.776	.786	.790	.788	.773	.754	.734	.728	.728	.740	.773	.781	.802	.832	.833	.823	.767
Means,.....	29.774	29.762	29.754	29.751	29.758	29.769	29.787	29.803	29.812	29.814	29.807	29.797	29.775	29.759	29.738	29.728	29.729	29.739	29.752	29.769	29.781	29.794	29.793	29.784	29.772

TABLE II.

TEMPERATURE, FOR THE MONTH OF MAY, 1909.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.	Max.	Min.
May 1,	68.8	68.6	68.5	68.1	67.9	67.5	67.1	67.2	67.3	66.3	65.3	64.7	64.1	63.9	63.6	63.1	62.3	62.1	63.6	64.8	66.0	66.4	66.6	66.0	65.8	68.9	62.0
„ 2,	65.9	65.7	65.8	65.7	65.1	66.8	67.1	67.4	68.5	69.1	69.9	70.5	71.3	70.7	71.1	71.0	71.1	70.6	70.8	71.0	71.1	71.0	70.7	70.0	69.1	71.6	64.8
„ 3,	69.7	69.5	69.7	69.7	69.7	70.1	71.3	71.7	73.8	74.2	75.6	76.3	76.1	75.3	74.7	73.1	73.1	72.3	72.6	72.3	72.7	73.1	72.9	72.7	72.6	76.3	68.8
„ 4,	72.8	72.3	72.5	72.5	72.6	72.9	73.9	75.1	77.1	78.7	79.1	80.5	79.9	78.4	77.1	77.6	78.4	78.1	76.4	75.7	74.8	74.9	74.5	74.7	75.9	80.8	71.9
„ 5,	74.2	74.7	74.7	74.8	74.3	74.0	76.6	77.9	79.0	80.1	82.2	83.9	82.9	82.2	82.1	81.1	80.1	79.9	78.8	78.9	78.7	78.8	79.0	78.8	78.7	84.3	73.8
„ 6,	78.3	78.8	78.7	78.7	78.6	78.4	79.7	79.9	81.1	81.9	82.9	84.0	84.1	83.1	84.1	84.1	82.1	81.1	80.4	80.3	79.6	79.4	79.4	79.2	80.7	85.5	77.7
„ 7,	79.0	78.8	79.0	79.0	78.6	78.8	80.1	81.1	81.1	81.1	81.3	81.6	82.1	81.3	82.1	81.9	82.1	81.0	80.1	77.6	77.1	76.9	76.5	76.3	79.8	83.0	76.1
„ 8,	76.3	78.8	77.8	77.8	78.9	78.5	79.1	80.8	78.0	75.0	75.0	74.1	73.6	73.4	73.6	73.9	73.1	72.7	72.2	72.0	71.5	71.4	71.3	70.9	75.0	80.8	70.9
„ 9,	70.8	70.7	70.4	70.2	69.7	70.4	71.1	71.1	71.9	73.6	74.9	74.7	73.3	73.1	73.5	73.9	73.9	73.3	73.4	73.5	73.3	73.0	73.1	74.3	72.5	75.7	69.7
„ 10,	73.8	73.0	72.7	72.6	73.2	72.2	73.6	73.9	75.1	77.1	79.1	79.3	81.1	82.9	81.1	77.8	77.1	75.6	75.6	75.2	75.1	74.9	74.5	74.5	75.9	82.9	72.3
„ 11,	74.3	74.4	73.7	73.6	73.1	73.8	74.1	74.6	75.2	76.9	77.0	77.1	78.1	77.9	75.3	75.5	75.4	75.1	74.1	74.0	73.6	73.7	73.6	73.4	74.9	78.1	73.1
„ 12,	72.8	72.7	72.2	72.1	72.1	72.1	73.8	74.1	75.6	75.1	76.0	76.3	77.5	76.9	75.5	75.2	75.2	74.7	74.1	73.3	74.2	73.9	73.7	73.8	74.3	77.7	71.1
„ 13,	73.5	73.3	72.8	72.4	72.2	71.4	71.9	72.6	73.1	74.1	74.7	75.8	76.3	76.1	75.8	74.9	74.9	74.5	74.3	74.2	73.9	74.1	74.3	73.9	74.0	77.0	71.1
„ 14,	73.6	73.3	73.5	73.8	74.1	74.5	74.9	76.1	76.9	77.1	77.5	77.1	78.3	79.1	77.3	76.8	76.6	75.9	74.9	74.8	73.9	73.7	73.4	72.9	75.4	79.6	72.6
„ 15,	72.6	71.1	70.9	69.8	68.6	68.7	69.7	69.3	69.1	70.1	72.2	73.3	75.7	78.1	77.1	77.1	76.8	75.7	75.1	75.4	75.0	75.1	73.9	73.5	73.1	78.1	68.1
„ 16,	72.7	72.3	72.8	72.7	72.7	73.0	72.9	71.8	71.1	73.1	75.2	74.8	75.1	74.5	74.6	74.1	74.2	74.1	73.6	73.3	74.1	74.3	74.4	74.7	73.6	75.6	70.8
„ 17,	74.7	73.5	72.9	73.0	73.1	72.9	73.1	73.1	73.4	73.8	74.6	75.1	74.4	74.3	74.7	73.9	73.5	73.3	73.3	73.1	72.4	72.2	71.9	70.0	73.3	75.3	70.0
„ 18,	70.1	70.4	70.9	69.9	70.9	72.1	72.1	72.3	72.9	73.1	73.2	74.1	74.8	75.2	74.8	75.6	75.1	74.3	74.1	73.7	73.8	74.1	74.2	74.6	73.2	75.6	69.7
„ 19,	74.7	74.5	73.9	73.7	73.7	74.1	74.7	76.1	78.0	79.6	80.1	83.7	83.1	79.2	78.1	78.1	77.7	77.8	76.8	77.0	76.0	75.9	75.7	75.6	77.0	83.8	73.5
„ 20,	75.1	74.9	74.9	74.9	75.0	74.6	76.6	79.1	81.9	81.9	84.1	84.1	81.1	83.8	83.4	82.1	81.2	80.1	79.1	78.2	78.1	77.3	76.2	75.5	78.9	83.9	74.5
„ 21,	74.9	75.1	74.9	74.5	74.1	73.4	73.4	72.9	73.8	73.8	73.8	73.3	73.7	73.8	74.4	74.2	74.3	74.1	74.8	74.2	74.3	74.4	74.4	74.1	74.1	75.4	72.7
„ 22,	73.9	73.8	73.6	73.7	73.9	73.9	74.0	74.3	75.1	76.3	77.9	76.1	76.8	77.3	77.4	76.3	77.0	76.1	76.4	76.1	76.1	75.8	75.0	75.3	75.5	77.5	73.4
„ 23,	75.3	74.8	74.0	73.5	72.7	72.6	73.1	72.9	73.1	73.1	73.1	73.7	73.5	73.8	73.6	73.2	72.9	73.0	73.1	73.2	73.2	73.4	74.7	73.7	73.5	75.5	72.1
„ 24,	73.5	73.7	73.8	73.6	73.6	73.8	74.2	74.7	74.9	74.5	74.3	75.3	76.3	76.6	77.1	76.1	75.9	75.8	75.4	75.4	75.4	75.4	75.7	75.9	75.0	77.3	73.0
„ 25,	76.1	76.2	76.1	76.2	76.1	76.3	77.9	78.6	80.1	80.5	78.9	78.4	78.1	80.7	79.9	81.1	82.3	79.1	78.6	78.1	78.0	77.6	77.0	76.7	78.3	82.5	75.2
„ 26,	76.4	74.4	74.0	73.8	74.4	74.6	73.8	73.9	75.1	73.9	74.1	75.3	76.1	75.9	74.8	72.4	72.9	73.1	72.4	72.6	72.9	73.0	72.8	72.4	74.0	77.0	72.1
„ 27,	72.2	71.9	71.9	73.2	72.1	71.7	72.9	74.1	75.3	76.6	77.3	77.3	78.7	79.9	79.1	78.1	77.1	75.9	74.5	74.3	73.6	73.4	73.4	72.7	74.9	80.2	71.0
„ 28,	72.4	71.9	71.4	70.9	70.8	71.4	73.1	74.5	76.6	77.2	77.9	78.1	79.7	78.9	78.5	77.3	77.6	76.6	74.8	74.6	74.3	74.1	73.7	73.2	75.0	79.9	70.2
„ 29,	72.3	72.0	72.2	72.1	72.1	72.9	74.6	77.1	78.0	78.1	77.2	78.7	78.9	78.3	78.1	76.9	76.6	75.6	75.7	76.5	76.6	76.6	75.9	75.7	75.8	79.5	71.3
„ 30,	75.3	74.8	74.8	74.8	74.2	74.1	75.1	72.8	75.3	75.2	77.6	79.1	79.9	79.3	80.3	75.7	75.3	74.1	75.1	75.5	75.6	75.4	75.4	75.4	75.8	81.2	72.7
„ 31,	75.8	75.7	74.8	75.4	74.9	75.3	75.7	76.6	77.7	77.1	77.5	77.7	77.2	77.4	77.1	77.6	76.3	76.2	76.1	76.2	76.1	75.4	75.3	75.3	76.3	78.8	74.8
Means,	73.6	73.4	73.2	73.1	73.0	73.1	73.9	74.4	75.3	75.7	76.4	76.9	77.2	77.1	76.8	76.1	75.9	75.2	74.8	74.7	74.5	74.5	74.3	74.1	74.9	78.7	71.6

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION, FOR THE MONTH OF MAY, 1909.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.	Solar Max.
May 1, ...	61.5	61.9	62.1	62.4	62.8	62.6	61.9	61.9	61.0	61.4	60.5	61.0	60.0	59.4	59.4	59.6	59.6	59.8	60.9	62.4	63.9	64.2	64.5	64.3	61.6	78.6
„ 2, ...	64.7	64.2	64.4	64.4	64.8	65.3	65.8	65.9	66.6	66.8	67.6	67.8	68.4	68.0	68.5	68.0	68.3	68.0	68.7	68.1	68.6	68.6	68.6	68.5	67.0	113.7
„ 3, ...	68.1	68.0	68.5	68.5	68.5	68.5	68.8	69.2	70.5	70.7	71.9	62.3	71.8	71.5	71.1	70.8	70.8	70.8	70.7	70.8	70.9	71.0	71.3	71.2	69.8	125.5
„ 4, ...	71.4	70.7	70.8	70.9	71.3	71.8	72.6	73.6	74.0	73.9	74.4	74.8	74.8	74.8	74.0	74.7	74.3	73.9	73.6	73.3	73.6	73.8	73.4	73.7	73.3	128.6
„ 5, ...	73.3	73.3	73.3	73.7	73.4	73.1	74.8	75.4	76.3	75.6	76.6	77.0	75.8	75.3	75.8	75.8	75.8	75.8	75.6	75.8	75.8	75.9	75.7	75.6	75.2	135.6
„ 6, ...	75.8	75.6	75.2	75.1	74.8	75.0	75.0	75.8	76.8	76.7	77.8	77.4	75.9	75.9	76.8	76.8	75.8	76.6	76.5	76.6	76.6	76.2	76.3	76.1	76.1	135.9
„ 7, ...	76.3	75.9	75.9	75.8	76.0	75.8	76.6	76.8	76.8	77.0	77.4	77.3	77.5	77.1	77.1	77.0	76.8	76.8	76.9	75.7	75.6	75.1	74.9	74.6	76.4	110.5
„ 8, ...	75.1	76.7	76.4	76.5	76.0	76.1	76.8	76.8	75.7	73.6	73.6	72.8	72.6	72.3	72.5	72.8	72.0	71.3	71.1	70.8	70.1	70.4	70.1	69.6	73.4	112.0
„ 9, ...	69.6	69.3	69.0	68.7	68.5	68.9	68.8	69.3	69.5	71.1	70.8	70.8	70.5	70.5	71.0	71.3	71.2	70.9	71.2	71.2	71.1	70.8	70.4	71.2	70.2	119.3
„ 10, ...	70.6	70.5	70.4	70.8	71.0	70.7	71.2	70.5	70.8	71.8	73.3	73.8	74.4	74.8	74.8	72.9	72.8	72.3	72.8	73.0	72.8	72.8	72.4	71.9	72.2	127.3
„ 11, ...	71.5	71.3	71.1	70.5	70.4	70.4	70.4	69.4	69.8	70.3	70.0	70.8	70.4	70.8	70.8	70.6	70.6	69.8	70.3	69.7	70.6	70.6	70.7	69.8	70.4	131.6
„ 12, ...	69.6	69.8	68.7	67.5	66.6	66.0	66.7	64.1	65.8	65.8	67.3	67.8	69.0	68.8	68.8	70.4	69.9	69.8	71.0	71.8	71.8	71.7	71.1	71.1	68.8	133.0
„ 13, ...	71.0	70.7	70.3	70.3	69.8	68.9	68.9	69.8	70.1	70.4	70.6	71.0	71.8	71.6	71.0	70.7	70.6	70.8	70.8	70.9	70.6	70.3	71.1	71.2	70.6	127.8
„ 14, ...	70.7	70.8	70.6	70.4	70.6	71.1	71.4	72.1	72.5	72.8	73.3	72.8	73.8	74.0	72.8	72.8	72.8	72.7	72.8	73.3	72.8	72.6	72.4	71.7	72.2	116.1
„ 15, ...	71.5	69.5	69.5	68.3	65.2	65.5	65.0	65.1	65.8	66.6	67.4	67.6	68.0	69.8	69.8	69.8	69.5	69.7	69.3	69.1	67.3	65.6	64.8	64.9	67.7	117.4
„ 16, ...	66.6	66.3	66.5	67.1	66.5	66.8	67.0	66.9	67.9	67.8	68.6	67.1	68.4	68.3	68.5	67.8	66.6	66.8	67.4	68.1	68.3	67.7	67.6	67.6	67.4	118.4
„ 17, ...	67.9	69.1	69.2	69.2	68.2	69.6	69.8	69.8	69.8	69.7	70.3	70.0	69.6	69.7	70.0	70.0	69.8	69.8	70.1	70.7	70.8	70.8	70.4	68.6	69.7	105.7
„ 18, ...	68.6	68.6	68.6	69.3	70.3	70.6	70.6	70.8	71.4	71.5	72.1	72.7	72.8	72.9	73.0	73.5	73.0	72.5	72.5	72.3	72.5	72.8	72.7	73.1	71.6	122.3
„ 19, ...	73.3	73.2	72.6	72.7	72.8	72.8	73.1	73.8	74.8	75.8	76.0	77.5	77.0	75.8	74.8	75.1	74.4	74.8	74.8	74.8	74.5	74.7	74.4	74.4	74.5	133.3
„ 20, ...	73.6	73.7	73.6	73.7	73.9	73.2	75.0	76.8	76.8	76.8	77.0	77.3	76.4	76.3	76.6	75.6	75.8	76.3	75.9	76.6	76.1	76.0	74.6	74.4	75.5	130.3
„ 21, ...	73.7	73.3	72.6	72.4	72.8	72.6	72.4	72.0	71.8	71.9	72.0	72.0	72.5	72.2	72.9	72.8	72.9	72.8	73.1	73.4	73.2	73.3	73.5	73.1	72.7	102.6
„ 22, ...	72.9	73.0	72.8	72.9	73.2	72.9	73.4	73.8	74.1	75.0	74.8	74.3	73.7	74.0	74.1	73.8	74.7	74.8	74.8	74.8	74.9	74.5	73.6	73.8	73.9	107.3
„ 23, ...	74.0	73.6	72.9	72.2	71.6	71.0	71.8	71.7	71.8	72.0	72.6	72.8	72.1	72.1	72.0	71.8	71.8	71.6	71.8	72.0	72.0	72.2	73.4	73.0	72.2	100.4
„ 24, ...	72.9	73.0	72.8	72.6	72.7	72.9	73.3	73.5	73.6	73.6	73.5	73.8	74.8	75.0	75.6	74.8	74.8	74.6	74.4	74.5	74.4	74.6	74.9	75.2	74.0	106.8
„ 25, ...	75.4	75.6	75.4	75.4	75.5	75.8	76.8	76.7	76.8	77.6	76.9	74.4	76.0	78.0	76.6	76.8	77.8	76.0	75.8	75.6	76.1	75.8	75.6	75.7	76.2	136.2
„ 26, ...	75.4	73.0	72.7	72.9	72.3	69.5	68.6	68.6	68.8	68.7	68.8	70.2	69.8	69.8	69.6	68.6	65.0	64.8	68.4	66.6	66.7	67.8	68.9	66.6	69.3	97.3
„ 27, ...	67.3	67.6	66.7	65.6	66.2	65.2	66.3	66.6	66.8	68.1	68.8	69.0	70.8	70.2	67.6	65.8	65.8	63.8	66.4	67.5	67.8	68.4	67.9	67.7	67.2	129.9
„ 28, ...	67.9	69.0	67.8	67.7	67.8	68.1	67.5	68.1	68.6	67.1	66.9	66.6	68.0	67.0	67.0	67.8	67.6	67.6	66.8	67.3	66.9	67.8	68.3	68.5	67.7	124.0
„ 29, ...	68.2	67.6	66.3	66.4	66.1	65.9	66.2	63.8	61.9	62.3	63.9	66.5	66.0	67.6	67.8	67.8	68.3	69.1	68.2	67.2	68.6	69.8	71.1	70.9	67.0	122.9
„ 30, ...	70.3	70.8	69.1	68.7	68.0	67.9	68.4	68.6	70.1	70.1	70.0	69.8	70.2	70.6	71.5	71.5	71.6	71.8	72.3	72.3	72.6	72.4	71.7	71.7	70.5	137.1
„ 31, ...	71.7	71.5	71.3	71.4	71.5	72.1	72.6	72.8	73.3	72.8	72.8	73.2	72.8	73.0	72.8	74.3	73.2	73.1	73.0	73.0	73.1	73.2	73.2	73.1	72.7	119.2
Means, ...	71.0	70.9	70.6	70.5	70.3	70.2	70.6	70.6	71.0	71.1	71.5	71.4	71.8	71.8	71.8	71.7	71.4	71.3	71.5	71.6	71.6	71.7	71.6	71.4	71.2	119.6

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR, FOR THE MONTH OF MAY, 1909.

Hours.	Hourly Means.		Date.	Daily Means.	
	Humidity.	Tension.		Humidity.	Tension.
			1909.		
1 a.	88	0.730	May 1,.....	78	0.494
2 „	88	.728	„ 2,.....	89	.635
3 „	88	.719	„ 3,.....	86	.692
4 „	88	.717	„ 4,.....	88	.787
5 „	87	.710	„ 5,.....	84	.828
6 „	86	.705	„ 6,.....	80	.840
7 „	84	.710	„ 7,.....	85	.866
8 „	82	.703	„ 8,.....	92	.803
9 „	80	.706	„ 9,.....	89	.709
10 „	79	.705	„ 10,.....	83	.742
11 „	77	.711	„ 11,.....	79	.684
Noon.	75	.700	„ 12,.....	74	.631
1 p.	75	.712	„ 13,.....	84	.704
2 „	76	.714	„ 14,.....	85	.749
3 „	77	.718	„ 15,.....	74	.606
4 „	80	.723	„ 16,.....	71	.589
5 „	79	.714	„ 17,.....	83	.679
6 „	82	.719	„ 18,.....	92	.754
7 „	85	.733	„ 19,.....	88	.821
8 „	86	.738	„ 20,.....	85	.838
9 „	86	.741	„ 21,.....	93	.786
10 „	87	.745	„ 22,.....	92	.817
11 „	87	.744	„ 23,.....	94	.774
Midt.	87	.739	„ 24,.....	95	.828
			„ 25,.....	91	.877
			„ 26,.....	78	.654
			„ 27,.....	65	.565
			„ 28,.....	67	.581
			„ 29,.....	61	.545
			„ 30,.....	76	.676
			„ 31,.....	84	.756
Mean, ...	83	0.720	Mean, ...	83	0.720

TABLE V.

DURATION OF SUNSHINE.

Date.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Sums.
1909.														
May 1,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 2,.....	...	...	...	0.2	...	...	...	0.1	0.1	0.3	...	0.1	...	0.8
„ 3,.....	...	...	0.3	1.0	1.0	0.6	0.4	1.0	1.0	1.0	1.0	1.0	...	8.3
„ 4,.....	...	0.3	0.6	0.6	1.0	1.0	1.0	0.9	1.0	1.0	1.0	0.5	...	8.9
„ 5,.....	...	0.6	0.7	0.6	0.6	0.2	1.0	1.0	1.0	1.0	0.6	0.3	...	7.6
„ 6,.....	...	...	...	...	0.6	0.9	0.8	1.0	0.8	1.0	0.8	0.3	...	6.2
„ 7,.....	...	...	0.3	0.1	0.4	...	...	...	...	0.7	0.6	0.6	...	2.7
„ 8,.....	...	...	0.4	...	...	...	...	...	...	...	...	...	...	0.4
„ 9,.....	...	...	...	...	...	0.1	...	...	...	...	...	...	...	0.1
„ 10,.....	...	...	...	...	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.3	8.2
„ 11,.....	0.2	...	...	...	0.8	1.0	1.0	1.0	1.0	0.7	0.6	0.9	0.4	7.6
„ 12,.....	0.2	1.0	0.9	0.8	0.2	0.6	0.7	1.0	0.5	0.2	...	...	...	6.1
„ 13,.....	...	...	...	...	0.3	0.1	0.1	0.8	0.9	0.9	...	...	...	3.1
„ 14,.....	...	...	...	0.1	...	...	...	0.1	...	...	...	...	...	0.2
„ 15,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 16,.....	...	...	...	...	0.2	...	...	...	...	...	...	...	...	0.2
„ 17,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 18,.....	...	...	...	...	0.1	0.2	0.1	0.4	0.6	0.7	0.2	1.0	0.1	3.4
„ 19,.....	...	...	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	0.4	...	...	6.9
„ 20,.....	...	0.4	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.9	0.8	0.4	...	9.3
„ 21,.....	...	...	...	0.1	...	...	...	...	...	...	...	...	...	0.1
„ 22,.....	...	...	...	...	...	...	...	...	...	0.1	...	...	...	0.1
„ 23,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 24,.....	...	...	...	...	...	...	...	...	...	0.1	...	0.2	0.1	0.4
„ 25,.....	...	0.1	...	...	0.1	...	...	...	0.8	...	0.9	0.6	...	2.5
„ 26,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 27,.....	...	...	...	0.1	0.6	0.2	...	0.1	0.7	0.1	0.7	0.8	0.4	3.7
„ 28,.....	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	11.8
„ 29,.....	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8	...	11.0
„ 30,.....	...	0.2	...	0.8	0.7	0.2	0.8	...	0.2	0.8	...	...	...	3.7
„ 31,.....	...	...	...	0.3	0.3	...	...	...	...	...	...	...	...	0.6
Sums,.....	1.0	4.6	6.2	8.2	11.9	10.1	10.9	12.4	13.4	13.5	10.5	9.4	1.8	113.9

TABLE VI.

RAINFALL FOR THE MONTH OF MAY, 1909.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Sums.	Duration. Hours.
May 1,	...	...	...	...	...	...	...	...	...	0.010	0.040	0.025	0.005	0.025	...	0.020	0.010	0.005	0.005	...	...	...	...	...	0.145	9
„ 2,	...	...	...	...	...	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	2
„ 3,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
„ 4,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 5,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 6,	...	...	...	...	0.045	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.045	1
„ 7,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
„ 8,	0.020	...	...	0.040	...	...	...	...	0.050	0.075	0.190	0.070	0.095	0.045	0.050	0.010	0.005	...	...	...	...	...	...	...	0.650	9
„ 9,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
„ 10,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 11,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 12,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.015	...	0.010	0.010	0.005	0.040	3
„ 13,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
„ 14,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.020	0.005	0.045	0.010	...	0.080	6
„ 15,	0.010	0.020	...	0.010	0.005	...	...	0.015	0.015	0.010	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.085	7
„ 16,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 17,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	0.015	0.010	0.050	0.035	0.115	5
„ 18,	0.010	0.010	0.145	0.345	0.035	...	0.095	0.010	0.010	0.010	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.670	5
„ 19,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 20,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.225	0.125	0.190	0.540	3
„ 21,	...	...	0.050	0.590	0.020	0.160	0.050	0.090	0.005	0.005	...	0.090	...	0.020	...	...	...	...	...	...	...	...	...	0.005	1.085	15
„ 22,	0.145	0.615	0.280	0.620	0.230	0.175	0.070	0.110	0.010	...	...	...	...	...	...	...	...	0.005	...	...	...	...	...	...	2.260	11
„ 23,	...	...	...	0.025	0.005	...	...	0.010	0.060	0.080	0.060	0.010	0.010	...	0.005	...	...	...	...	...	...	...	0.025	0.030	0.320	11
„ 24,	0.025	0.010	0.005	0.005	...	...	...	...	0.015	0.055	0.010	...	...	...	...	...	...	...	...	...	...	...	...	...	0.125	6
„ 25,	...	...	...	...	0.105	0.020	...	...	...	...	0.060	0.030	...	...	...	...	...	...	...	...	...	...	0.005	...	0.220	4
„ 26,	0.005	0.100	0.070	0.025	...	...	...	0.005	0.010	0.045	0.010	...	...	...	0.010	0.005	0.010	...	...	...	...	...	...	...	0.295	9
„ 27,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 28,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 29,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 30,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	0.005	0.010	0.020	1
„ 31,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	0.215	0.755	0.550	1.660	0.445	0.355	0.220	0.240	0.175	0.290	0.370	0.225	0.110	0.090	0.065	0.035	0.025	0.010	0.005	0.040	0.020	0.295	0.230	0.275	6.700	114

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND, FOR THE MONTH OF MAY, 1909.

Date.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.		7 a.		8 a.		9 a.		10 a.		11 a.		Noon.		1 p.		2 p.		3 p.		4 p.		5 p.		6 p.		7 p.		8 p.		9 p.		10 p.		11 p.		Midt.		Vel.		Dir.
	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Sums.	Means.	Means.
May 1,	7	23	6	23	6	29	6	28	6	23	6	23	7	24	7	24	7	23	7	19	5	16	4	13	6	14	7	20	7	24	7	25	7	22	7	22	6	26	7	26	7	28	7	26	7	25	6	18	544	22.7	7
" 2,	7	22	6	16	7	20	7	22	7	21	7	22	7	18	7	22	7	21	6	20	7	23	7	20	7	18	7	18	9	21	8	20	7	21	7	21	7	24	8	22	7	19	7	18	7	21	7	17	487	20.3	7
" 3,	7	16	7	16	7	13	7	14	8	17	8	19	7	17	7	19	8	16	7	15	8	15	8	16	8	15	8	18	8	23	8	22	8	18	8	16	8	12	8	14	7	10	7	3	..	0	...	1	345	14.4	8
" 4,	7	2	...	0	7	4	7	7	7	8	7	7	7	5	7	8	6	4	8	7	8	8	8	5	8	7	8	11	8	10	8	7	12	7	15	4	10	3	9	4	9	7	9	4	9	3	...	0	132	5.5	8
" 5,	...	1	...	0	9	3	...	1	..	0	9	2	9	4	9	4	9	5	12	5	15	4	17	5	18	6	16	11	17	11	16	7	15	8	15	5	15	5	15	5	15	5	15	3	18	7	17	5	112	4.7	15
" 6,	16	6	17	9	17	12	18	11	19	11	18	7	18	13	18	10	17	8	17	9	15	10	18	14	17	14	18	15	18	11	18	11	17	8	16	8	16	10	16	6	14	5	15	7	16	6	16	7	228	9.5	17
" 7,	16	7	16	6	16	5	16	8	15	5	16	6	16	7	15	10	15	13	14	12	15	9	15	14	14	13	16	10	15	13	15	16	14	14	15	10	12	8	8	15	8	16	7	11	9	16	8	15	259	10.8	13
" 8,	17	11	15	9	5	4	16	7	16	10	16	4	7	9	16	8	9	6	8	15	8	15	7	17	7	19	7	17	7	14	8	14	8	15	7	19	7	22	7	22	7	23	7	21	7	23	7	22	345	14.4	8
" 9,	7	20	7	22	8	21	8	18	8	17	9	19	9	16	8	12	8	16	8	12	9	13	8	12	8	15	8	11	8	9	8	8	8	4	8	4	8	6	4	6	10	9	8	8	8	11	9	11	300	12.5	8
" 10,	7	9	7	6	7	3	7	3	...	0	...	0	...	0	3	2	31	3	9	3	11	5	11	7	10	4	24	5	12	4	8	14	8	12	8	12	8	8	8	4	8	6	8	14	7	15	7	16	155	6.5	8
" 11,	7	14	7	16	7	18	7	17	7	16	7	15	7	17	7	19	7	21	8	22	7	24	7	25	8	28	8	22	9	26	9	27	8	22	7	22	7	17	7	19	7	19	7	26	7	28	7	29	509	21.2	7
" 12,	6	23	7	20	7	17	6	18	7	18	5	16	8	19	7	28	7	27	7	29	7	24	7	22	8	19	8	22	7	20	8	20	7	17	8	16	7	18	8	14	9	17	7	18	6	17	7	18	477	19.9	7
" 13,	7	22	7	20	7	17	8	17	7	21	8	25	7	21	7	22	8	19	7	22	7	27	8	25	7	25	7	27	7	27	7	27	7	25	7	23	7	20	7	20	8	21	7	17	7	19	7	18	527	22.0	7
" 14,	8	16	7	21	8	15	8	14	8	12	8	12	9	12	8	15	8	15	8	16	7	11	8	10	8	11	10	13	10	14	9	13	8	14	8	12	8	8	32	5	31	2	...	0	...	0	6	4	265	11.0	8
" 15,	32	5	32	5	1	10	2	11	2	11	2	11	1	10	2	10	32	4	32	5	3	3	11	2	32	9	10	4	23	4	24	2	23	2	...	0	26	2	...	0	32	4	2	7	...	1	...	0	122	5.1	31
" 16,	...	0	...	1	...	0	...	0	13	3	9	5	11	6	5	15	6	10	7	13	5	14	7	18	8	19	7	21	6	23	7	24	6	25	7	24	7	22	8	18	8	21	7	26	7	30	7	31	369	15.4	7
" 17,	7	31	6	25	5	24	6	22	7	18	7	25	7	20	7	21	7	20	6	23	6	22	7	21	7	20	7	19	7	23	7	22	7	23	7	30	7	22	6	22	7	18	7	20	7	18	7	20	529	22.0	7
" 18,	8	21	8	19	7	21	8	17	7	20	8	17	8	20	7	23	7	18	7	17	8	18	7	14	8	15	7	20	7	17	6	14	7	15	7	16	7	14	8	12	8	13	8	13	9	12	9	7	393	16.4	7
" 19,	9	8	9	7	9	7	9	6	9	4	9	8	6	7	8	10	8	8	8	4	8	2	8	3	25	6	7	12	8	11	8	7	31	4	3	3	...	1	...	1	...	1	...	0	...	0	...	0	120	5.0	8
" 20,	...	0	...	1	...	0	...	0	...	0	...	0	...	0	...	1	3	2	31	2	6	5	7	11	8	9	13	7	15	10	8	8	15	6	15	6	11	6	8	10	8	16	7	15	10	17	6	16	148	6.2	9
" 21,	7	13	6	16	6	15	7	15	6	11	9	16	8	17	8	19	7	21	7	18	8	18	8	20	7	19	8	21	7	20	7	20	7	21	7	20	7	20	7	19	7	18	6	16	8	17	7	16	426	17.7	7
" 22,	8	16	7	11	7	7	6	6	8	9	8	11	8	15	8	9	8	14	8	5	15	8	16	7	18	2	20	7	22	6	25	5	25	3	23	6	...	1	...	0	24	2	9	12	9	12	9	8	182	7.6	9
" 23,	7	6	7	9	8	18	7	18	8	18	7	21	7	20	7	21	7	18	7	17	8	20	7	18	8	17	9	18	8	18	8	20	7	23	7	19	7	18	7	19	7	15	7	19	7	14	7	17	421	17.5	7
" 24,	7	14	7	14	7	13	7	14	8	14	7	14	8	14	8	14	8	12	8	15	8	18	8	15	8	10	8	5	8	9	8	16	8	19	8	14	8	13	8	13	9	14	8	11	9	12	9	9	316	13.2	8
" 25,	9	8	9	8	9	7	9	5	9	5	9	2	9	3	9	4	16	5	16	3	20	7	18	13	20	9	27	5	27	7	28	6	28	2	16	6	16	4	9	3	...	1	...	1	9	4	9	6	124	5.2	13
" 26,	2	6	32	2	4	2	10	2	6	3	3	20	3	17	4	14	3	14	1	12	1	16	1	17	2	13	2	9	32	13	32	16	2	15	2	8	10	17	7	13	7	7	8	8	8	4	5	5	253	10.5	3
" 27,	5	5	2	3	...	1	3	6	1	10	32	6	14	3	10	3	7	6	10	8	10	7	10	12	10	11	10	7	9	12	9	10	9	12	9	15	9	12	8	12	7	8	6	10	5	9	6	7	195	8.1	8
" 28,	4	6	8	4	...	1	...	1	15	2	15	2	11	8	9	9	8	12	8	16	8	17	8	19	10	17	9	18	10	15	9	13	9	12	9	15	6	10	6	8	7	15	7	12	7	13	7	9	254	10.6	8
" 29,	7	5	6	8	7	11	7	11	5	7	4	11	5	13	7	21	7	27	5	32	7	34	6	28	7	27	7	23	8	20	8	20	7	21	7	20	5	13	6	19	6	18	6	20	6	19	7	22	456	18.8	6
" 30,	6	21	6	20	7	21	8	18	7	21	6	20	7	23	8	29	6	19	7	21	7	25	5	26	7	29	8	25	8	23	8	21	7	12	8	13	8	12	6	9	6	12	7	18	7	15	8	15	468	19.5	7
" 31,	7	15	8	15	8	16	8	21	7	28	6	26	7	24	7	25	7	27	7	30	7	28	7	25	7	24	7	22	7	17	9	18	9	19	8	14	7	16	7	20	7	20	7	20	7	20	7	20	510	21.2	7
Sums,	...	372	...	352	...	355	...	358	...	363	...	392	...	402	...	151	...	433	...	447	...	466	...	474	...	461	...	463	...	475	...	473	...	441	...	423	...	390	...	380	...	390	...	404	...	408	...	389	9965	415.2	...
Means,	...	12.0	...	11.4	...	11.5	...	11.5	...	11.7	...	12.6	...	13.0	...	14.5	...	14.0	...	14.4	...	15.0	...	15.3	...	15.0	...	14.9	...	15.3	...	15.3	...	14.2	...	13.6	...	12.6	...	12.3	...	12.6	...	13.0	...	13.2	...	12.5	321.5	13.4	...

TABLE VIII.

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 a.			4 a.			7 a.			10 a.		
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction
1909.												
May 1, ...	10	sm-cum.	W	10	cum.	E	10	cum.	E	10	nim.	E
„ 2, ...	10	cum-nim.	E	10	cum.	...	10	nim.	E	10	cum.	E
„ 3, ...	10	nim.	E	10	nim.	E	10	cum-nim.	E	5	sm-cum. / cum.	S
„ 4, ...	10	cum.	S	2	cum.	...	8	cum.	WSW	6	cum.	WSW
„ 5, ...	8	cum.	SSW	10	cum.	SSW	4	cum.	SW	10	cum.	SW
„ 6, ...	10	nim.	SW	10	cum.	SW	9	sm-cum. / cum.	SW	8	sm-cum. / cum.	W / SW
„ 7, ...	9	cum.	SSW	10	cum.	SSW	10	sm-cum. / cum.	W / SSW	10	cum.	SSW
„ 8, ...	10	nim.	SSW	10	cum.	SSW	10	cum.	SSW	10	nim.	SSW
„ 9, ...	10	nim.	E	10	cum.	E	10	cum-nim.	E	10	cum.	E
„ 10, ...	10	cum.	E	10	cum.	E	10	cum.	...	3	cum.	NNE
„ 11, ...	7	cum.	E	6	cum.	E	9	sm-cum. / cum.	E	8	sm-cum. / cum.	.. / E
„ 12, ...	3	sm-cum. / cum.	E	8	sm-cum. / cum.	WSW / E	3	sm-cum. / cum.	E	9	sm-cum.	WSW
„ 13, ...	10	nim.	...	10	cum-nim.	...	10	cum.	E	10	cum.	E
„ 14, ...	10	cum.	E	10	cum.	E	10	cum.	E	10	cum.	E
„ 15, ...	10	cum-nim.	...	10	nim.	NE	10	cum.	NE	10	nim.	NE
„ 16, ...	1	cum.	E	10	cum.	E	10	cum.	E	10	cum.	E
„ 17, ...	10	cum.	E	7	cum.	E	10	cum.	E	10	cum.	E
„ 18, ...	10	nim.	...	10	nim.	...	10	nim.	ESE	10	cum. / nim.	SE / E
„ 19, ...	10	cum.	...	2	cum.	...	10	cum.	E	8	sm-cum. / cum.	W / ..
„ 20, ...	0	...	...	1	cum.	...	3	c-cum.	...	7	c-str. / cum.	S
„ 21, ...	10	nim.	...	10	nim.	...	10	nim.	SSE	10	cum-nim.	SE
„ 22, ...	10	nim.	E	10	nim.	...	10	nim.	...	10	cum-nim.	SE
„ 23, ...	10	cum.	SSW	10	nim.	S	10	cum-nim.	ESE	10	nim.	E
„ 24, ...	10	nim.	...	10	nim.	ESE	10	cum-nim.	ESE	10	nim.	ESE
„ 25, ...	9	cum.	...	5	cum.	S	10	sm-cum. / cum.	W / S	10	cum-nim.	SW
„ 26, ...	10	nim.	...	10	cum-nim.	...	10	cum.	E	10	nim.	E
„ 27, ...	10	cum.	...	10	cum.	...	10	str.	...	10	sm-cum.	W
„ 28, ...	6	c-cum. / sm-cum.	W	1	sm-cum.	...	1	c-cum.	...	0	...	...
„ 29, ...	1	c-str.	...	0	...	...	4	sm-cum.	...	5	c-str. / sm-cum.	...
„ 30, ...	10	sm-cum.	...	10	cum.	E	10	cum. / nim.	E / ESE	9	cum.	E
„ 31, ...	10	cum.	E	10	cum.	E	10	cum-nim.	E	10	cum.	E
Means,...	8.5	...	...	8.1	...	...	8.7	...	...	8.6	...	...

TABLE VIII,—*Continued.*

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 p.			4 p.			7 p.			10 p.			Means.
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	
1909.													
May 1,...	10	nim.	ESE	10	nim.	SE	10	cum-nim.	ESE	10	cum-nim.	ESE	10.0
„ 2,...	10	cum.	E	10	cum.	E	10	cum-nim.	E	10	cum-nim.	E	10.0
„ 3,...	2	cum.	...	3	cum.	E	10	cum.	E	10	cum.	SE	7.5
„ 4,...	6	cum.	WSW	4	cum.	W	2	c-cum.	...	4	c-str.	SW	5.2
„ 5,...	7	sm-cum. / cum.	SW	8	sm-cum. / cum.	SW	10	cum.	SW	10	cum.	SSW	8.4
„ 6,...	8	sm-cum. / cum.	SW	7	sm-cum. / cum.	SW	9	cum.	SW	7	cum.	SSW	8.5
„ 7,...	10	cum.	S	10	cum.	S	10	cum.	S	10	nim.	S	9.9
„ 8,...	10	nim.	SSW	10	nim.	...	10	cum-nim.	E	10	nim.	E	10.0
„ 9,...	10	cum.	E	10	cum.	E	10	cum.	...	1	cum.	...	8.9
„ 10,...	5	sm-cum. / cum.	W / ..	5	cum.	N	2	cum.	...	10	cum.	...	6.9
„ 11,...	6	c-str. / sm-cum. / cum.	W / W / E	8	sm-cum. / cum.	W / E	7	c-str.	W	1	cum.	...	6.5
„ 12,...	9	sm-cum. / cum.	W / E	10	cum.	E	10	nim.	E	10	nim.	...	7.8
„ 13,...	9	sm-cum. / cum.	W / E	10	cum.	E	10	cum.	E	10	cum.	E	9.9
„ 14,...	10	cum.	E	10	cum.	E	10	nim.	E	10	nim.	...	10.0
„ 15,...	10	cum.	...	10	cum.	NNE	10	cum.	...	3	cum.	...	9.1
„ 16,...	10	cum.	E	10	cum. / cum.	SSE / E	10	sm-cum. / cum.	W / E	10	cum.	E	8.9
„ 17,...	10	cum.	E	10	cum.	E	10	cum.	E	10	nim.	...	9.6
„ 18,...	10	cum.	ESE	10	cum.	SSW	8	cum.	SSW	7	cum.	...	9.4
„ 19,...	7	c-str. / cum.	S	6	c-str. / cum.	WNW / S	7	c-str. / cum.	...	2	cum.	...	6.5
„ 20,...	7	c-str. / cum.	S	6	c-cum. / cum.	S	10	c-str. / cum.	S	10	nim.	...	5.5
„ 21,...	10	nim.	E	10	nim.	E	10	nim.	E	10	cum-nim.	E	10.0
„ 22,...	10	cum-nim.	SW	10	cum.	WSW	10	cum-nim.	WNW	9	cum.	...	9.9
„ 23,...	10	nim.	E	10	nim.	E	10	cum-nim.	E	10	nim.	E	10.0
„ 24,...	10	cum-nim.	SW	10	cum.	SW	6	sm-cum.	SW	10	cum.	...	9.5
„ 25,...	10	nim.	SW	10	sm-cum. / cum.	W / SW	10	cum.	WSW	10	cum.	WSW	9.2
„ 26,...	10	cum.	NE	10	nim.	NNE	10	cum.	NNE	10	cum.	...	10.0
„ 27,...	10	c-cum. / cum.	W / ..	8	sm-cum.	W	10	c-cum. / sm-cum.	W / W	10	sm-cum.	W	9.8
„ 28,...	0	...	...	2	c-str.	...	0	...	...	0	...	...	1.2
„ 29,...	6	c-str.	W	6	c-cum. / sm-cum.	...	10	sm-cum.	SW	10	sm-cum.	S	5.3
„ 30,...	9	sm-cum. / cum.	E	10	cum-nim.	E	10	cum.	E	10	cum.	E	9.7
„ 31,...	10	cum.	E	10	sm-cum. / cum.	E	10	cum.	E	10	nim.	ESE	10.0
Means,...	8.4	...	...	8.5	...	...	8.7	...	...	8.2	...	...	8.5

TABLE IX.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR THE MONTH OF MAY, 1909.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N −S	+E −W	
1 a.	2.5	10.6	0.9	0.1	+ 1.5	+ 10.6	E 8° N
2 „	2.6	10.0	0.9	0.1	1.8	9.9	E 10° N
3 „	2.5	10.3	0.6	0.1	1.8	10.2	E 10° N
4 „	2.2	10.2	0.9	0.1	1.3	10.0	E 7° N
5 „	2.3	10.2	1.0	0.2	1.4	10.0	E 8° N
6 „	3.1	10.9	0.9	0.1	2.2	10.8	E 12° N
7 „	2.4	11.6	1.2	0.2	1.2	11.4	E 6° N
8 „	2.5	13.2	1.0	0.1	1.5	13.1	E 6° N
9 „	2.5	12.6	0.9	0.1	1.6	12.5	E 7° N
10 „	3.0	12.8	1.0	0.1	2.0	12.8	E 9° N
11 „	2.7	13.2	1.5	0.2	1.2	13.0	E 5° N
Noon.	2.9	12.8	2.0	0.4	0.9	12.5	E 4° N
1 p.	2.1	12.8	1.7	0.6	+ 0.4	12.2	E 2° N
2 „	1.6	12.8	2.1	0.6	− 0.5	12.2	E 2° S
3 „	1.8	12.9	2.3	0.7	− 0.5	12.2	E 2° S
4 „	1.6	13.2	1.6	0.5	− 0.0	12.7	E
5 „	2.2	12.5	1.5	0.3	+ 0.6	12.3	E 3° N
6 „	1.8	12.1	1.5	0.2	0.3	11.9	E 1° N
7 „	2.1	11.5	1.3	0.1	0.7	11.4	E 4° N
8 „	2.0	11.5	0.4	0.0	1.6	11.5	E 8° N
9 „	1.9	11.9	0.6	0.1	1.2	11.8	E 6° N
10 „	2.5	12.5	0.4	0.0	2.1	12.5	E 10° N
11 „	2.2	12.5	1.0	0.1	1.2	12.4	E 6° N
Midt.	2.3	11.9	0.6	0.0	+ 1.6	+ 11.9	E 8° N
Means,.....	2.3	11.9	1.2	0.2	+1.13	+11.74	E 5° N

PHENOMENA :—

Solar halo :—on the 25th.

Lunar corona :—on the 4th and 27th.

Fog :—on the 19th.

Slight fog :—on the 20th and 25th.

Haze :—on the 9th, 15th and 19th.

Unusual visibility :—on the 15th.

Dew :—on the 4th, 5th, 20th and 28th.

Rainbow :—on the 30th.

Lightning without thunder :—on the 10th, 20th and 25th.

Thunder without lightning :—on the 25th.

Thunderstorms :—on the 8th 8.36 a—1.35 p, NW—SE, nearest at 10.33 a (8^s).

TABLE I.

BAROMETRIC PRESSURE, FOR THE MONTH OF JUNE, 1909.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.
June 1,...	29.800	29.784	29.768	29.762	29.768	29.770	29.785	29.800	29.811	29.826	29.822	29.828	29.812	29.780	29.763	29.751	29.753	29.756	29.778	29.793	29.810	29.825	29.835	29.818	29.792
„ 2,...	.802	.773	.758	.758	.760	.786	.800	.808	.820	.822	.817	.804	.772	.752	.718	.695	.683	.695	.704	.728	.745	.763	.776	.763	.763
„ 3,...	.732	.701	.711	.702	.696	.698	.706	.732	.732	.736	.735	.734	.721	.703	.680	.665	.660	.656	.669	.695	.700	.715	.716	.710	.705
„ 4,...	.690	.680	.676	.673	.671	.684	.694	.705	.712	.714	.710	.703	.680	.664	.648	.642	.642	.648	.652	.674	.700	.710	.710	.694	.682
„ 5,...	.686	.672	.670	.675	.684	.710	.720	.728	.736	.744	.746	.741	.736	.731	.713	.709	.720	.712	.733	.754	.760	.766	.758	.732	.722
„ 6,...	.722	.717	.718	.722	.726	.737	.756	.765	.786	.778	.780	.778	.766	.722	.716	.700	.704	.705	.722	.740	.750	.768	.773	.764	.742
„ 7,...	.755	.746	.732	.721	.723	.735	.748	.763	.778	.791	.798	.792	.766	.752	.743	.730	.721	.723	.733	.749	.753	.757	.751	.744	.750
„ 8,...	.737	.726	.718	.717	.723	.736	.753	.759	.762	.763	.751	.736	.712	.690	.677	.666	.668	.678	.671	.680	.689	.711	.702	.699	.713
„ 9,...	.690	.684	.681	.681	.690	.707	.721	.728	.742	.731	.711	.699	.680	.666	.650	.639	.634	.647	.656	.662	.668	.686	.684	.684	.684
„ 10,...	.662	.650	.646	.653	.658	.676	.702	.714	.718	.716	.711	.698	.688	.659	.648	.645	.640	.634	.644	.662	.677	.688	.689	.687	.674
„ 11,...	.682	.680	.676	.669	.684	.696	.718	.719	.717	.712	.697	.699	.676	.661	.645	.635	.636	.643	.661	.680	.697	.713	.705	.693	.683
„ 12,...	.687	.683	.689	.697	.707	.721	.737	.745	.752	.749	.749	.735	.711	.692	.691	.686	.695	.701	.705	.725	.742	.759	.765	.758	.720
„ 13,...	749	.746	.751	.753	.757	.768	.775	.783	.793	.795	.795	.785	.767	.746	.726	.729	.726	.734	.752	.765	.775	.783	.773	.765	.762
„ 14,...	.748	.738	.737	.735	.747	.766	.776	.789	.789	.786	.779	.758	.736	.718	.704	.694	.692	.690	.706	.729	.748	.766	.759	.757	.743
„ 15,...	.750	.739	.733	.726	.732	.745	.758	.763	.776	.785	.780	.774	.760	.744	.728	.719	.720	.721	.729	.740	.761	.772	.776	.764	.750
„ 16,...	.742	.732	.728	.727	.724	.745	.761	.776	.786	.790	.782	.762	.751	.727	.702	.686	.675	.686	.692	.716	.731	.742	.744	.744	.735
„ 17,...	.738	.729	.722	.720	.709	.712	.725	.728	.730	.743	.723	.713	.702	.679	.653	.633	.623	.609	.617	.641	.659	.680	.675	.669	.689
„ 18,...	.654	.641	.633	.637	.633	.637	.640	.655	.658	.656	.653	.648	.634	.606	.587	.575	.568	.567	.587	.591	.601	.610	.618	.614	.621
„ 19,...	.605	.597	.589	.584	.585	.603	.615	.620	.630	.633	.628	.612	.589	.584	.560	.538	.526	.544	.564	.567	.587	.609	.602	.588	.590
„ 20,...	.567	.562	.572	.573	.566	.575	.584	.592	.601	.611	.603	.591	.575	.561	.537	.523	.515	.524	.539	.555	.570	.587	.577	.553	.567
„ 21,...	.534	.541	.547	.536	.537	.540	.557	.568	.565	.564	.563	.567	.543	.533	.500	.489	.480	.493	.517	.527	.546	.559	.562	.559	.539
„ 22,...	.547	.532	.517	.517	.520	.530	.543	.543	.555	.568	.571	.551	.526	.517	.490	.475	.467	.473	.500	.514	.525	.539	.528	.510	.523
„ 23,...	.508	.488	.481	.499	.513	.525	.539	.547	.557	.565	.562	.544	.540	.535	.526	.526	.529	.549	.563	.585	.611	.624	.627	.621	.548
„ 24,...	.611	.609	.605	.610	.623	.638	.656	.672	.683	.691	.692	.675	.675	.665	.661	.664	.672	.678	.686	.717	.730	.743	.752	.746	.673
„ 25,...	.725	.713	.713	.717	.722	.744	.753	.763	.777	.784	.772	.764	.745	.741	.730	.738	.726	.718	.716	.726	.728	.743	.749	.741	.740
„ 26,...	.730	.715	.704	.703	.699	.709	.721	.729	.747	.737	.713	.700	.672	.653	.640	.631	.622	.641	.667	.677	.681	.688	.690	.678	.689
„ 27,...	.635	.635	.628	.618	.620	.630	.641	.652	.648	.639	.625	.610	.605	.583	.577	.565	.557	.565	.589	.602	.620	.622	.624	.629	.614
„ 28,...	.609	.599	.599	.601	.603	.609	.619	.623	.623	.627	.641	.631	.609	.595	.592	.589	.582	.601	.620	.638	.657	.670	.671	.675	.620
„ 29,...	.669	.657	.643	.641	.647	.665	.691	.699	.711	.717	.709	.703	.701	.684	.667	.651	.655	.661	.675	.698	.715	.731	.727	.727	.685
„ 30,...	.721	.703	.688	.695	.711	.719	.729	.740	.749	.761	.753	.749	.731	.713	.698	.679	.679	.684	.705	.713	.727	.744	.738	.732	.719
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,.....	29.684	29.672	29.668	29.667	29.671	29.684	29.697	29.707	29.715	29.718	29.712	29.703	29.686	29.669	29.652	29.642	29.639	29.645	29.658	29.675	29.689	29.702	29.702	29.694	29.681

TABLE II.

TEMPERATURE, FOR THE MONTH OF JUNE, 1909.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.	Max.	Min.
June 1,.....	74.8	74.7	74.8	74.7	74.9	74.9	75.3	76.1	77.1	76.1	76.9	77.9	77.1	76.5	77.4	76.8	76.1	75.9	75.1	75.1	75.1	75.3	75.0	75.4	75.8	78.2	73.9
" 2,.....	75.1	74.8	74.9	74.8	74.9	74.9	75.1	75.6	76.1	76.6	76.1	78.3	77.7	78.8	78.3	77.6	77.2	77.1	76.3	77.0	77.0	77.1	77.2	77.0	76.5	79.7	73.9
" 3,.....	76.8	76.8	76.7	76.8	76.7	77.0	77.6	79.1	80.1	83.2	82.6	82.5	82.0	82.6	82.3	82.2	80.8	80.1	79.9	79.5	79.2	79.0	78.8	78.5	79.6	84.4	76.1
" 4,.....	78.5	78.6	78.9	79.0	79.2	79.9	82.0	82.9	84.1	83.3	84.9	85.6	83.9	84.1	83.8	83.1	82.4	81.8	82.0	82.0	81.6	81.7	81.8	81.4	81.9	85.8	78.0
" 5,.....	81.2	80.8	81.8	81.1	80.9	81.1	82.1	82.9	83.0	84.1	83.7	85.1	80.3	78.6	78.3	78.1	78.2	76.7	77.0	76.6	77.1	76.5	76.3	76.1	79.9	85.1	75.7
" 6,.....	76.2	76.1	76.2	76.0	76.1	76.9	77.2	76.2	76.9	78.8	78.9	81.1	81.5	82.6	82.0	82.8	82.2	81.8	81.1	79.9	80.3	79.9	80.4	79.9	79.2	82.9	75.9
" 7,.....	80.0	80.1	79.5	78.9	79.0	79.6	80.1	82.5	83.2	84.4	83.7	84.9	86.9	88.1	87.6	85.8	85.1	83.7	81.0	81.1	81.0	80.9	80.6	80.8	82.4	88.1	78.5
" 8,.....	80.6	80.8	80.7	80.8	81.1	80.8	82.0	82.6	83.9	85.1	86.1	85.7	87.9	87.9	86.7	86.6	86.1	85.3	82.4	82.9	82.2	82.2	81.8	81.8	83.5	88.3	80.4
" 9,.....	81.8	81.8	81.6	81.2	80.9	81.3	82.1	83.2	83.7	84.6	85.9	86.5	87.3	87.1	86.3	85.1	85.3	84.7	82.8	82.2	82.1	82.2	82 5	82.3	83.5	87.4	80.9
" 10,.....	82.2	82.0	81.9	81.9	81.9	82.0	81.9	82.8	84.3	85.0	86.3	86.9	88.3	87.1	86.5	84.2	84.3	84.1	82.1	82.2	82.2	82.1	81.6	81.5	83.6	88.6	81.4
" 11,.....	81.4	81.4	81.7	81.4	81.0	81.1	82.3	83.1	83.8	84.1	84.3	83.4	85.6	88.9	87.3	85.2	85.1	84.9	82.5	82.2	82.1	82.1	81.8	81.1	83.2	88.9	80.9
" 12,.....	80.8	80.8	80.6	80.8	81.1	81.9	82.9	83.9	84.9	85.4	87.1	87.1	88.3	88.5	87.7	84.7	85.3	83.3	82.8	82.8	82.3	82.2	82.2	81.9	83.7	88.5	80.6
" 13,.....	81.9	81.9	81.9	81.5	81.1	82.1	82.6	84.1	85.1	86.2	86.3	86.1	88.1	87.7	89.5	87.9	87.9	85.3	83.1	83.1	82.1	82.2	81.6	81.4	84.2	89.7	80.0
" 14,.....	81.3	80.4	80.4	80.4	81.1	80.9	83.3	84.9	85.0	85.3	87.9	88.7	87.9	87.8	86.7	87.1	86.8	84.6	83.8	83.1	83.1	82.8	82.8	82.9	84.1	89.0	80.2
" 15,.....	82.6	82.2	82.6	82.8	80.8	80.6	82.7	83.9	85.0	85.9	87.9	89.1	89.1	88.1	86.9	86.9	85.1	84.2	83.1	82.8	82.6	82.4	82.1	81.9	84.2	89.1	80.2
" 16,.....	81.9	81.8	81.6	81.5	81.1	81.3	83.3	84.1	85.7	81.1	86.1	87.9	86.3	87.4	87.4	85.8	85.6	84.1	83.2	82.9	83.1	82.6	82.8	82.2	83.8	87.9	81.0
" 17,.....	81.9	82.1	81.9	81.6	80.7	82.1	84.3	84.1	84.1	85.3	85.1	86.1	85.7	85.1	85.0	86.1	84.6	83.1	82.9	82.7	82.7	82.6	82.6	82.2	83.5	87.8	80.2
" 18,.....	82.3	81.9	81.5	81.7	81.6	82.1	84.1	84.3	84.0	86.2	88.0	88.8	88.4	88.1	87.9	87.1	86.0	85.3	84.6	84.1	83.3	83.4	83.2	83.2	84.6	89.7	81.2
" 19,.....	83.2	83.1	82.9	82.5	81.0	82.5	83.1	84.9	85.1	87.1	87.3	89.9	89.6	88.3	88.4	87.6	86.1	84.9	84.1	83.3	83.1	82.5	82.6	82.1	84.8	90 0	81.0
" 20,.....	81.7	81.6	80.9	80.9	81.0	81.1	84.3	84.2	84.1	86.6	89.0	87.9	87.1	88.5	89.9	86.6	86 1	84.2	83.8	82.7	82.6	82.4	82.0	81.5	84.2	89.9	80.9
" 21,.....	81.3	80.9	81.3	81.5	81.7	80.3	82.6	83.9	84.1	86.1	83.8	84.0	84.1	84.6	85.9	84.9	83.9	82.7	82.1	82.1	82.1	81.6	81.3	81.1	82.8	87.3	80.1
" 22,.....	80.8	81.3	80.8	81.1	81.1	81.1	81.9	82.7	84.2	83.1	81.6	83.1	84.3	83.9	83.1	83.0	82.7	81.1	81.4	81.4	81.4	81.3	80.7	80.8	82.0	85.6	79.6
" 23,.....	79.4	79.1	78.2	77.9	77.3	76.1	76.9	77.4	78.3	77.7	81.1	83.9	78.5	79.7	81.9	82.6	78.1	78.9	79.5	80.1	76.9	78.9	79.9	80.5	79.1	84.3	75.8
" 24,.....	80.3	80.7	80.9	81.4	81.8	80.3	78.0	81.7	80.9	80.4	84.1	84.2	84.9	84.3	83.9	81.6	79.0	79.9	80.3	79.4	79.9	80.1	80.0	80.0	81.2	84.9	78.0
" 25,.....	80.2	80.1	79.0	79.1	79.6	79.3	80.9	82.4	78.9	77.6	77.0	77.1	77.9	75.3	75.9	77.1	76.8	76.6	76.0	76.5	76.5	76.1	75.8	75.0	77.8	82.4	75.0
" 26,.....	74.8	75 2	75.7	75.9	75.7	76.1	77.6	79.3	80.1	78.6	77.6	82.1	83.9	84.7	85.9	83.8	85.0	82.9	81.5	81.7	82.1	82.1	81.8	81.9	80.2	85.9	74.8
" 27,.....	81.9	81.9	81.7	80.9	81.1	81.1	82.1	82.2	84.1	85.1	85.3	85.4	87.3	88.1	88.3	85.1	85.7	83.9	83.6	83.3	82.7	82.2	82.6	82.4	83.7	88.3	80.9
" 28,.....	82.2	81.8	81.8	81.6	81.9	82.2	83.2	83.6	83.7	83.4	86.1	87.3	86.1	85.8	85.4	85.1	84.1	83.2	82.2	83.1	82.6	82.0	82.8	82.5	83.5	87.5	81.5
" 29,.....	82.3	82.3	81.9	82.0	81.1	82.0	82.7	80.7	82.9	83.6	83.9	85.3	84.6	86.1	86.1	85.0	84.1	83.1	82.2	82.1	81.2	82.0	82.0	81.8	83.0	86.2	80.7
" 30,.....	81.8	81.7	81.7	81.8	81.9	81.0	81.1	82.5	83.3	84.3	87.0	86.6	86.5	85.3	86.1	84.2	84.1	82.1	81.9	82.1	81.7	82.1	81.9	81.8	83.1	87.0	80.9
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means, ...	80.4	80.3	80.2	80.1	80.0	80.1	81.2	82.1	82.7	83.1	84.1	84.9	84.9	85.0	84.9	84.0	83.3	82.3	81.5	81.3	81.1	81.0	81.0	80.8	82.1	86.6	78.9

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION, FOR THE MONTH OF JUNE, 1909.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.	Solar Max.
June 1, ...	72.7	72.6	72.2	72.4	72.7	72.5	72.3	71.8	71.8	71.0	71.4	71.4	70.7	71.5	71.1	71.8	71.8	71.8	71.8	72.1	71.9	73.1	71.8	72.4	71.9	124.4
„ 2, ...	72.5	72.2	72.4	72.3	72.4	72.3	72.3	71.8	71.8	72.8	73.3	73.9	73.9	74.8	74.6	74.4	73.9	73.8	74.3	73.9	74.5	74.7	74.6	75.2	73.4	125.0
„ 3, ...	75.1	74.9	74.9	74.7	75.0	75.6	75.8	77.8	77.8	77.4	77.1	76.8	77.0	77.3	77.2	76.9	77.5	76.8	76.4	76.2	76.1	76.9	76.7	75.7	76.4	141.1
„ 4, ...	75.7	75.9	76.1	76.4	76.0	76.4	77.6	77.4	77.8	78.0	77.8	77.3	77.8	78.0	77.8	77.8	77.9	77.9	77.8	77.9	77.9	77.9	78.1	78.2	77.4	134.6
„ 5, ...	78.1	77.6	77.5	77.7	77.6	77.7	77.8	78.4	78.6	77.8	78.3	77.8	76.8	76.3	75.5	75.8	76.5	74.6	74.6	74.9	75.0	74.8	74.6	74.6	76.6	113.3
„ 6, ...	74.3	74.6	74.3	74.4	74.7	75.4	75.5	74.9	75 4	76.6	77.0	79.0	78.1	77.7	77.8	78.1	78.2	77.4	78.0	77.9	77.9	78.1	77.9	77.6	76.7	108.1
„ 7, ...	77.5	77.3	77.0	76.6	76.8	77.5	77.8	77.8	78.2	77.8	77.8	76.8	79.4	79.8	79.3	77.8	77.8	78.8	77.6	77.4	77.5	77.5	77.4	77.4	77.8	132.9
„ 8, ...	77.3	77.2	77.1	77.1	77.1	77.6	77.9	77.6	77.8	79.1	79.1	78.3	79.4	79.8	79.6	79.8	79.4	79.4	78.1	77.8	77.9	77.5	77.5	77.3	78.2	139.9
„ 9, ...	77.4	77.3	77.3	77.4	77.6	77.2	77.3	77.8	77.9	78.4	79.0	78.6	79.8	79.6	79.8	78.8	79.2	78.8	77.9	78.1	77.5	77.8	77.6	78.2	78.2	135.3
„ 10, ...	78.3	78.6	77.9	78.4	77.7	78.6	78.4	78.5	79.1	79.4	79.0	79.1	79.8	79.0	78.8	77.6	77.8	77.8	77.1	76.8	76.8	76.8	77.5	76.8	78.1	137.5
„ 11, ...	77.2	76.7	76.7	77.1	77.7	77.4	78.0	77.0	77.6	77.7	77.0	77.1	78.6	79.6	79.6	77.9	78.4	78.8	77.5	78.1	77.8	77.6	77.5	77.4	77.8	135.6
„ 12, ...	77.2	77.2	76.9	76.5	76.8	77.2	77.6	77.5	78.1	77.7	78.8	77.9	79.2	79.2	78.8	77.9	78.8	78.5	78.0	78.5	78.1	77.9	78.0	77.6	77.9	135.2
„ 13, ...	77.5	78.2	77.3	77.8	78.3	77.8	77.8	78.3	78.8	79.3	78.6	78.4	78.8	78.8	80.8	78.5	78.8	77.9	77.0	77.8	77.9	77.9	78.2	78.4	78.3	133.2
„ 14, ...	78.2	78.4	78.0	77.6	77.0	77.8	77.6	78.8	77.7	77.7	78.0	78.8	76.8	76.1	76.4	77.1	77.6	78.3	77.8	77.8	77.8	77.9	77.5	77.5	77.7	133.9
„ 15, ...	77.5	77.5	77.6	77.1	76.8	78.0	78.8	77.6	76.8	77.7	78.2	78.8	78.6	78.3	77.6	77.8	76.2	76.8	77.4	76.6	77.2	76.6	77.5	77.6	77.5	135.3
„ 16, ...	77.4	77.0	76.9	76.4	76.5	77.6	78.3	78.3	78.8	76.7	79.8	78.0	78.1	78.1	77.7	76.8	77.3	77.2	77.2	77.4	77.8	77.8	77.5	77.5	77.6	132.7
„ 17, ...	77.8	77.5	76.6	77.1	77.0	77.4	78.4	77.8	77.8	77.0	78.8	78.8	78.3	79.0	77.6	78.6	77.8	76.8	78.3	77.9	78.2	78.2	77.7	78.3	77.9	138.3
„ 18, ...	78.1	77.9	77.8	77.7	77.4	77.7	78.6	78.8	78.5	79.8	79.6	79.6	79.8	79.1	77.0	79.3	79.5	79.2	79.1	79.4	79.1	79.2	79.1	78.7	78.7	133.3
„ 19, ...	78.5	78.5	78.4	77.8	78.7	78.3	79.8	80.6	79.4	78.8	80.5	81.0	79.8	79.1	79.5	80.3	80.0	79.8	78.9	79.5	79.5	79.6	79.4	78.7	79.4	136.5
„ 20, ...	79.2	78.9	78.6	79.0	78.6	78.8	80.8	79.5	79.8	81.0	80.8	80.4	79.6	77.8	80.0	80.3	79.8	79.1	79.2	79.0	79.2	79.4	79.2	78.9	79.5	136.5
„ 21, ...	78.9	78.6	78.4	78.2	78.0	77.3	77.8	78.8	77.8	79.6	78.6	78.1	78.3	79.4	79.6	79.6	79.2	78.8	78.8	78.8	78.8	78.6	78.5	78.5	78.6	135.5
„ 22, ...	78.6	77.6	77.3	77.7	77.0	77.3	77.6	77.5	78.6	77.9	77.1	76.9	78.0	77.8	76.8	76.9	77.3	76.1	77.3	76.8	76.1	75.8	75.5	76.9	77.2	136.9
„ 23, ...	77.1	77.1	76.8	75.7	75.8	74.8	75.0	75.3	76.3	76.8	77.9	78.8	76.1	77.2	77.8	77.7	75.0	74.8	76.1	76.8	75.4	76.8	76.8	77.8	76.5	139.1
„ 24, ...	77.9	76.8	76.6	76.8	76.8	76.4	75.7	77.8	77.1	77.1	78.1	77.6	79.4	79.0	78.3	77.6	76.7	75.5	76.2	75.8	76.1	75.9	75.9	76.6	77.0	136.8
„ 25, ...	76.4	76.6	76.6	76.6	76.6	76.5	77.6	78.9	75.5	73.9	74.6	74.4	75.6	74.4	75.0	73.8	73.2	73.3	73.7	74.1	73.1	73.8	73.7	73.2	75.0	120.8
„ 26, ...	72.9	73.2	74.2	74.4	74.2	74.8	75.6	76.2	76.8	75.8	74.0	76.8	77.8	78.4	78.4	78.5	79.7	78.0	78.1	78.2	78.5	77.8	77.5	77.5	76.6	141.5
„ 27, ...	78.1	77.7	77.8	77.5	77.8	78.0	77.8	78.5	78.8	79.1	79.0	79.1	80.8	81.0	80.8	78.9	78.6	77.5	77.6	78.4	77.8	77.7	78.2	77.8	78.5	137.4
„ 28, ...	77.6	77.6	77.6	77.5	77.6	77.8	77.1	77 3	77.0	78.1	79.1	79.6	79.1	78.5	78.1	77.6	77.8	77.8	78.5	77.8	78.0	77.8	77.5	77.5	77.9	135.9
„ 29, ...	77.5	77.5	77.4	77.5	77.7	77.4	77.8	77.8	78.3	78.2	77.8	78.4	77.8	78.1	77.5	77.9	77.2	77.8	76.9	77.1	77.4	77.7	78.4	77.6	77.7	133.3
„ 30, ...	77.4	77.2	77.2	77.4	77.6	77.1	77.7	77.5	78.3	78.2	79.0	79.8	79.2	77.7	78.8	77.9	78.3	77.8	78.1	77.5	77.8	77.8	78.1	77.8	78.0	137.2
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means, ...	77.0	76.9	76.7	76.7	76.7	76.9	77.3	77.4	77.5	77.5	77.8	77.9	78.1	78.0	77.9	77.7	77.6	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.3	133.2

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR, FOR THE MONTH OF JUNE, 1909.

Hours.	Hourly Means.		Date.	Daily Means.	
	Humidity.	Tension.		Humidity.	Tension.
			1909.		
1 a.	85	0.884	June 1,.....	82	0.731
2 „	85	.882	„ 2,.....	86	.783
3 „	85	.874	„ 3,.....	86	.868
4 „	85	.876	„ 4,.....	81	.880
5 „	86	.877	„ 5,.....	86	.873
6 „	86	.884	„ 6,.....	89	.886
7 „	83	.887	„ 7,.....	81	.892
8 „	80	.879	„ 8,.....	78	.895
9 „	78	.876	„ 9,.....	78	.895
10 „	77	.870	„ 10,.....	77	.889
11 „	74	.870	„ 11,.....	77	.881
Noon.	72	.864	„ 12,.....	76	.879
1 p.	73	.873	„ 13,.....	75	.890
2 „	72	.867	„ 14,.....	73	.864
3 „	72	.864	„ 15,.....	73	.854
4 „	74	.866	„ 16,.....	74	.864
5 „	76	.872	„ 17,.....	77	.881
6 „	79	.868	„ 18,.....	75	.903
7 „	82	.878	„ 19,.....	77	.933
8 „	83	.881	„ 20,.....	80	.946
9 „	83	.884	„ 21,.....	82	.922
10 „	84	.885	„ 22,.....	80	.871
11 „	84	.885	„ 23,.....	89	.879
Midt.	85	.888	„ 24,.....	82	.872
			„ 25,.....	87	.832
			„ 26,.....	84	.869
			„ 27,.....	78	.906
			„ 28,.....	77	.881
			„ 29,.....	78	.879
			„ 30,.....	79	.892
			.....	...	...
Mean, ...	80	0.876	Mean, ...	80	0.876

TABLE V.

DURATION OF SUNSHINE.

Date.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Sums.
1909.														
June 1,.....	...	...	0.1	0.8	...	...	...	...	0.1	1.0	0.2	...	0.3	2.5
„ 2,.....	...	...	...	...	...	...	...	...	0.9	0.3	0.7	0.7	0.1	2.7
„ 3,.....	...	...	0.8	1.0	0.8	...	...	...	...	1.0	0.8	...	...	4.4
„ 4,.....	...	0.5	0.8	1.0	1.0	1.0	0.9	1.0	1.0	1.0	0.8	0.1	...	9.1
„ 5,.....	...	0.1	0.1	...	...	...	0.1	0.1	0.2	...	...	...	...	0.6
„ 6,.....	...	...	...	...	...	...	...	...	...	...	0.2	0.3	...	0.5
„ 7,.....	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	12.0
„ 8,.....	...	0.7	0.9	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	11.0
„ 9,.....	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	11.6
„ 10,.....	...	...	0.5	1.0	0.8	1.0	1.0	1.0	1.0	0.9	0.3	0.9	0.4	8.8
„ 11,.....	0.1	1.0	1.0	0.8	0.7	0.7	0.6	0.9	1.0	1.0	1.0	0.8	0.1	9.7
„ 12,.....	...	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.2	0.1	...	9.1
„ 13,.....	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	12.1
„ 14,.....	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	12.0
„ 15,.....	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	11.3
„ 16,.....	...	0.6	0.7	0.9	0.5	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.1	9.5
„ 17,.....	0.3	1.0	0.8	0.6	0.6	0.9	1.0	1.0	0.9	0.9	1.0	0.9	...	9.9
„ 18,.....	...	0.8	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	10.9
„ 19,.....	...	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	...	...	9.0
„ 20,.....	...	0.7	0.9	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	...	8.9
„ 21,.....	0.4	1.0	0.7	1.0	1.0	0.3	...	...	0.1	1.0	1.0	0.3	...	6.8
„ 22,.....	...	0.2	0.6	0.7	0.8	0.5	0.3	0.9	1.0	0.9	...	...	...	5.9
„ 23,.....	...	...	...	...	0.4	1.0	1.0	0.1	0.5	1.0	0.6	...	...	4.6
„ 24,.....	...	0.2	0.6	0.3	1.0	0.7	1.0	0.9	1.0	0.6	0.3	0.4	...	7.0
„ 25,.....	...	0.7	0.7	0.1	...	...	...	...	...	...	...	...	...	1.5
„ 26,.....	...	...	...	...	0.1	...	0.5	1.0	0.8	1.0	0.6	0.4	...	4.4
„ 27,.....	...	0.1	0.1	1.0	0.7	0.8	0.7	0.9	1.0	1.0	1.0	1.0	...	8.3
„ 28,.....	...	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.6	...	10.3
„ 29,.....	0.1	0.5	0.4	0.8	0.9	0.7	1.0	1.0	1.0	1.0	0.3	...	...	7.7
„ 30,.....	...	0.2	0.9	0.9	1.0	1.0	1.0	1.0	1.0	0.8	0.1	0.1	0.2	8.2
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,.....	2.1	15.4	19.5	21.5	21.3	20.6	21.1	21.8	23.5	25.3	19.1	14.3	4.8	230.3

TABLE VI.

RAINFALL FOR THE MONTH OF JUNE, 1909.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Sums.	Duration. Hours.
June 1,	0.030	0.020	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.050	4
" 2,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 3,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 4,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 5,	...	...	...	...	...	...	...	...	...	...	...	...	0.150	0.050	0.180	0.080	0.500	0.005	0.010	...	...	...	...	...	0.975	5
" 6,	...	...	...	...	0.005	...	0.220	0.290	...	...	0.160	...	...	...	...	...	...	...	...	...	...	...	...	...	0.675	2
" 7,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 8,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 9,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 10,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 11,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 12,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 13,	...	...	0.020	0.020	...	0.015	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.055	1
" 14,	0.020	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.020	...
" 15,	...	...	0.050	...	0.020	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.075	1
" 16,	...	...	...	...	...	...	...	...	...	0.020	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.020	...
" 17,	...	...	...	...	...	...	...	...	0.010	0.045	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.055	1
" 18,	...	0.005	0.005	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.015	...
" 19,	...	...	...	...	0.090	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.090	1
" 20,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 21,	0.050	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.010	0.010	...	...	0.070	1
" 22,	...	...	...	...	...	...	...	...	...	...	0.010	...	...	...	...	...	...	...	...	...	...	...	...	0.035	0.045	...
" 23,	0.155	...	0.880	0.015	0.100	0.010	0.060	0.005	0.030	0.250	...	...	0.275	0.065	...	...	0.010	...	0.550	0.270	0.255	0.175	0.005	...	2.610	8
" 24,	0.005	...	...	...	0.010	...	0.180	...	0.260	0.015	...	...	0.185	...	0.145	0.240	0.005	...	...	...	...	...	...	...	1.045	4
" 25,	...	...	0.195	0.005	...	...	...	0.175	0.025	0.065	0.020	0.005	0.475	0.250	0.025	0.015	...	...	...	...	...	...	...	...	1.255	5
" 26,	...	...	...	...	...	...	...	...	0.010	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.015	1
" 27,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 28,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 29,	...	...	...	0.020	0.015	...	...	0.080	...	...	...	...	...	...	...	...	0.020	...	...	...	...	...	...	...	0.135	1
" 30,	...	...	...	0.005	0.005	0.140	...	0.005	...	...	...	...	...	0.005	...	0.005	...	0.010	...	...	...	0.005	...	...	0.180	1
"	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	0.260	0.025	0.650	0.070	0.245	0.170	0.460	0.555	0.335	0.400	0.190	0.005	1.085	0.370	0.350	0.340	0.535	0.015	0.560	0.270	0.265	0.190	0.005	0.035	7.385	36

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND, FOR THE MONTH OF JUNE, 1909.

Date.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.		7 a.		8 a.		9 a.		10 a.		11 a.		Noon.		1 p.		2 p.		3 p.		4 p.		5 p.		6 p.		7 p.		8 p.		9 p.		10 p.		11 p.		Midt.		Vel.		Dir.
	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Sums.	Means.	Means.
June 1,	7	15	7	18	7	22	7	21	7	20	7	19	7	22	7	24	7	30	7	25	7	28	7	23	6	24	7	23	7	20	9	22	8	15	7	17	7	16	6	14	7	15	7	17	7	14	7	14	478	19.9	7
„ 2,	6	14	6	13	6	13	8	14	7	18	7	12	8	19	7	22	8	17	7	18	6	16	7	15	6	21	7	22	7	21	7	23	7	16	8	16	9	19	8	18	10	20	8	16	9	18	9	13	414	17.2	7
„ 3,	6	14	7	15	8	15	10	18	8	17	8	20	9	19	8	14	9	17	11	16	12	17	14	13	14	15	14	11	11	11	14	12	13	9	12	13	12	12	12	10	12	11	8	12	9	11	12	15	337	14.0	10
„ 4,	12	13	12	15	13	13	14	14	14	20	14	21	15	25	15	22	15	28	15	25	15	27	15	25	14	28	14	23	14	25	15	16	15	12	15	16	14	15	15	18	15	20	16	18	16	22	15	22	483	20.1	15
„ 5,	15	18	16	17	17	14	17	13	16	14	17	13	18	10	18	11	18	15	17	18	19	16	24	13	26	8	28	3	29	7	28	2	28	4	6	3	16	3	...	0	6	3	6	5	6	2	7	7	219	9.1	18
„ 6,	7	10	7	6	7	9	7	11	7	7	7	9	7	8	3	2	...	1	5	5	30	3	...	1	...	0	11	3	16	5	17	5	17	5	15	4	15	5	10	3	13	4	4	4	16	6	15	6	122	5.1	9
„ 7,	16	10	16	7	18	5	19	3	19	2	22	3	26	4	19	6	16	9	18	9	19	5	19	10	17	7	17	8	19	8	23	7	18	8	16	6	16	5	16	3	18	5	17	6	16	8	16	5	149	6.2	18
„ 8,	18	6	18	8	19	10	18	6	18	15	18	14	17	10	19	16	20	20	19	20	19	20	18	22	18	23	19	23	18	23	19	22	19	18	19	19	18	18	19	12	18	14	18	13	18	15	19	14	381	15.9	19
„ 9,	19	21	19	21	19	19	20	18	21	17	21	16	20	20	21	23	21	21	20	17	20	25	19	22	19	27	19	18	19	17	20	20	19	18	19	13	18	13	18	9	17	13	19	10	19	11	19	13	422	17.6	19
„ 10,	18	14	19	17	19	18	21	15	19	14	21	14	21	11	20	12	19	13	18	18	20	19	19	21	19	16	20	12	19	12	18	11	19	16	19	13	19	11	18	12	17	10	18	6	18	8	18	11	324	13.5	19
„ 11,	19	7	18	8	20	11	21	7	23	6	23	5	20	7	20	11	18	10	21	7	21	10	20	12	17	12	19	10	17	11	17	12	15	8	16	7	16	6	16	7	16	7	16	8	15	11	16	11	211	8.8	18
„ 12,	16	11	16	10	16	6	17	6	18	7	16	8	17	10	21	8	18	6	19	11	19	10	20	15	21	13	18	13	18	12	16	14	15	10	16	12	16	10	16	9	15	11	15	9	16	7	16	7	235	9.8	17
„ 13,	16	5	16	7	19	7	16	5	20	8	20	5	18	8	16	6	17	5	19	9	20	13	20	9	18	11	18	6	17	7	19	9	17	7	15	8	15	9	18	5	18	3	18	3	16	4	...	1	160	6.7	18
„ 14,	16	2	16	4	19	3	17	9	16	6	18	6	18	8	19	8	19	12	20	13	20	12	21	12	19	13	21	11	18	12	19	13	18	11	17	8	17	6	16	2	...	1	16	4	...	1	16	2	179	7.5	19
„ 15,	16	6	18	6	20	9	18	8	20	9	22	8	19	12	19	10	22	10	20	12	20	11	20	11	23	10	22	12	19	14	19	12	21	9	19	7	18	3	16	4	17	6	18	2	18	2	17	6	199	8.3	20
„ 16,	18	8	17	4	20	5	18	8	17	7	21	5	20	5	23	6	23	7	16	8	14	5	18	10	18	10	19	10	17	11	19	13	17	11	17	9	17	5	16	5	17	8	15	8	16	11	14	11	190	7.9	18
„ 17,	16	3	16	6	17	10	18	8	24	5	16	6	19	9	19	9	18	7	16	8	17	12	16	12	17	12	15	11	17	17	17	11	17	12	17	11	16	4	17	10	16	9	16	9	18	7	16	8	216	9.0	17
„ 18,	16	11	16	9	16	10	19	8	19	14	20	10	19	10	19	10	22	10	19	14	19	13	18	15	18	13	19	14	19	12	17	11	16	9	16	7	16	4	18	4	16	5	15	6	16	7	18	7	233	9.7	18
„ 19,	16	8	18	11	18	10	20	9	16	5	18	10	23	7	21	8	20	6	24	5	24	10	24	9	23	8	18	9	16	9	16	9	16	7	13	4	17	4	15	5	15	2	15	3	...	1	15	2	161	6.7	19
„ 20,	13	3	13	2	14	2	...	1	...	1	...	1	9	2	9	5	7	7	8	10	20	7	8	10	8	11	14	6	16	9	3	8	8	6	8	6	8	11	8	7	8	2	...	1	...	0	8	3	121	5.0	9
„ 21,	9	9	7	12	7	11	6	14	7	15	7	17	7	15	7	16	8	16	9	12	10	18	8	10	8	13	7	16	7	18	7	20	7	20	7	17	7	14	6	19	7	19	7	20	6	20	7	19	380	15.8	7
„ 22,	6	17	6	20	7	17	6	21	6	22	6	24	7	28	6	30	6	30	6	34	10	27	8	26	7	37	7	37	7	36	7	40	7	37	7	34	7	29	6	24	6	20	6	17	5	20	5	25	652	27.2	7
„ 23,	8	24	7	23	8	31	6	20	7	18	8	15	7	16	7	18	8	18	11	17	7	14	10	28	12	27	9	24	11	23	9	26	12	23	9	20	7	14	15	22	14	29	15	24	13	27	12	25	526	21.9	10
„ 24,	13	27	13	29	12	25	13	26	13	15	13	17	14	15	13	14	12	15	13	15	12	20	12	20	13	19	14	22	15	32	14	27	15	23	15	18	15	15	15	17	15	11	16	16	16	10	14	10	458	19.1	14
„ 25,	13	2	7	3	10	6	16	7	16	6	16	6	6	5	15	11	18	19	15	16	12	10	6	8	30	12	25	16	22	11	17	8	16	9	18	5	27	5	22	5	22	3	...	1	..	1	...	1	176	7.3	17
„ 26,	17	2	...	0	...	1	...	0	...	1	...	0	...	0	27	7	22	12	24	8	25	5	13	2	25	6	31	6	19	7	22	10	18	6	17	6	22	6	22	6	18	5	19	7	18	7	19	10	120	5.0	21
„ 27,	19	14	20	16	21	14	21	14	19	12	21	14	20	13	20	11	21	14	20	18	19	20	18	18	18	14	17	18	18	18	17	21	18	23	18	17	19	13	18	11	18	12	18	12	18	17	17	14	368	15.3	19
„ 28,	18	16	18	21	18	18	18	22	20	17	19	17	19	21	19	21	19	23	19	22	18	27	18	28	18	25	18	26	18	28	19	22	17	18	17	17	17	16	18	14	17	16	17	11	18	10	18	12	468	19.5	18
„ 29,	17	12	18	17	18	17	18	13	17	11	17	14	18	15	18	19	18	17	18	13	21	17	20	17	19	16	20	16	19	16	19	14	18	12	19	12	17	11	18	10	17	10	16	11	16	12	15	15	337	14.0	18
„ 30,	16	11	17	11	18	7	18	12	18	12	16	10	18	12	18	14	17	13	18	16	17	19	16	14	17	16	17	15	17	12	17	14	19	11	16	8	17	8	16	6	16	6	16	9	15	11	15	13	280	11.7	17
.....	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	...	333	...	356	...	358	...	351	...	341	...	339	...	366	...	394	...	428	...	439	...	456	...	451	...	467	...	444	...	464	...	454	...	393	...	353	...	310	...	291	...	300	...	288	...	301	...	322	8999	375.0	...
Means,	...	11.1	...	11.9	...	11.9	...	11.7	...	11.4	...	11.3	...	12.2	...	13.1	...	14.3	...	14.6	...	15.2	...	15.0	...	15.6	...	14.8	...	15.5	...	15.1	...	13.1	...	11.8	...	10.3	...	9.7	...	10.0	...	9.6	...	10.0	...	10.7	300.0	12.5	...

TABLE VIII.

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 a.			4 a.			7 a.			10 a.		
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction
1909.												
June 1, ...	10	nim.	E	10	cum-nim.	E	10	cum.	E	10	cum.	E
„ 2, ...	10	cum.	E	10	cum.	E	10	cum.	E	10	cum.	E
„ 3, ...	10	cum.	E	10	cum.	E	10	cum.	SSE	10	cum.	SSE
„ 4, ...	8	cum.	SSE	10	cum.	SSE	10	cum.	S	9	c-str. / cum.	S
„ 5, ...	10	cum.	S	10	cum.	S	10	sm-cum. / cum.	S	10	cum.	S
„ 6, ...	10	cum.	SW	10	cum.	SW	10	nim.	SSW	10	cum.	S
„ 7, ...	9	cum.	SSW	5	cum.	SSW	4	cum.	SW	8	c-cum. / cum.	SW
„ 8, ...	9	cum.	SW	10	cum.	SSW	8	cum.	SSW	7	cum.	SW
„ 9, ...	10	cum.	SW	10	cum.	SW	4	cum.	SW	4	cum.	SW
„ 10, ...	9	cum.	SW	10	cum.	SW	10	cum-nim.	SW	8	cum.	SW
„ 11, ...	8	cum.	SW	10	cum.	SW	9	cum.	SW	9	c-str. / cum.	SW
„ 12, ...	4	cum.	SSW	8	cum.	S	9	cum.	SSW	8	c-str. / cum.	SSW
„ 13, ...	5	cum.	SW	10	cum.	SW	4	cum.	SW	7	cum.	SSW
„ 14, ...	4	cum.	...	7	cum.	S	6	cum.	SW	3	cum.	SW
„ 15, ...	1	cum.	...	4	cum.	SW	5	cum.	SW	5	cum.	SW
„ 16, ...	2	cum.	...	2	cum.	...	9	c-str. / cum.	SW	8	cum. / nim.	SW / SSW
„ 17, ...	1	cum.	...	2	cum.	SW	7	cum.	SW	10	nim.	SW
„ 18, ...	5	cum.	...	6	cum.	SW	9	c-str. / cum.	SW	7	c-str. / cum.	SW
„ 19, ...	8	cum.	SW	7	cum.	SW	9	c-str. / cum.	SW	7	c-str. / cum.	SW
„ 20, ...	0	...	...	4	cum.	...	9	c-str. / cum.	S	8	c-str. / cum.	S
„ 21, ...	5	cum.	E	4	cum.	E	9	c-str. / cum.	E	9	c-str. / cum.	NE
„ 22, ...	10	cum.	E	10	cum.	E	10	cum.	E	10	cum.	E
„ 23, ...	10	nim.	E	10	cum-nim.	...	10	nim.	ESE	10	nim.	ESE
„ 24, ...	10	cum-nim.	E	9	cum.	SE	10	nim.	SSE	9	nim.	SE
„ 25, ...	1	cum.	...	10	cum-nim.	SSW	7	cum.	SSW	10	nim.	S
„ 26, ...	3	cum.	...	3	cum.	...	8	sm-cum. / cum.	WSW / S	10	nim.	SSW
„ 27, ...	3	cum.	SW	10	cum.	SW	9	sm-cum. / cum.	W / SW	8	sm-cum. / cum.	W / SW
„ 28, ...	10	cum.	SW	7	cum.	SW	9	cum.	SW	10	cum.	SW
„ 29, ...	10	cum.	SW	10	cum.	SW	10	cum.	SSW	10	cum.	SSW
„ 30, ...	10	cum.	SW	6	cum.	SW	10	cum.	SW	10	cum.	SW
.....	...	...	...	...	...	...	...	...	...	...	...	...
Means,...	6.8	...	...	7.8	...	...	8.5	...	...	8.5	...	...

TABLE VIII,—*Continued.*

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 p.			4 p.			7 p.			10 p.			Means.
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	
1909.													
June 1,...	10	cum.	E	9	c-str. / cum.	W / E	10	sm-cum. / cum.	E	7	cum.	E	9.5
" 2,...	10	cum.	E	9	sm-cum. / cum.	E	10	cum.	E	10	cum.	E	9.9
" 3,...	10	cum.	S	10	c-str. / cum.	S	10	c-str. / cum.	S	8	c-str. / cum.	S	9.7
" 4,...	10	c-str. / sm-cum. / cum.	S	10	c-str. / cum.	S	10	cum.	S	10	c-str. / cum.	S	9.6
" 5,...	10	nim.	S	10	nim.	S	10	cum.	SW	7	c-str. / sm-cum.	WSW	9.6
" 6,...	10	sm-cum. / cum.	S	10	sm-cum. / cum.	SSW	10	sm-cum. / cum.	SSW	10	cum.	SSW	10.0
" 7,...	4	cum.	SW	3	c-str. / cum.	SW	5	c-str. / cum.	SW	4	cum.	SW	5.3
" 8,...	7	cum.	SW	9	cum.	SW	6	cum.	SW	5	cum.	SW	7.6
" 9,...	5	cum.	SW	6	cum.	SW	7	cum.	SW	8	cum.	SW	6.7
" 10,...	7	cum.	SW	9	cum.	SW	6	cum.	SW	6	cum.	SW	8.1
" 11,...	8	cum.	SW	6	cum.	SW	8	cum.	SW	4	cum.	SW	7.8
" 12,...	6	c-str. / cum.	SW	8	c-str. / cum.	SW	7	c-str. / cum.	SW	4	cum.	SW	6.7
" 13,...	5	c-str. / cum.	SSW	3	cum.	SSW	10	nim.	SSW	2	cum.	...	5.8
" 14,...	2	c-str. / cum.	SW	2	c-str. / cum.	SW	3	cum.	SW	1	cum.	...	3.5
" 15,...	7	c-str. / cum.	SW	3	c-str. / cum.	SW	3	c-str.	...	0	...	...	3.5
" 16,...	7	c-str. / cum.	SW	7	cum.	SW	4	c-str. / cum.	SW	2	cum.	SW	5.1
" 17,...	9	c-str. / cum.	SW	9	cum.	SSW	9	cum.	SSW	3	cum.	SSW	6.3
" 18,...	7	c-str. / cum.	SW	8	c-str. / cum	SW	8	cum.	SW	5	cum.	SW	6.9
" 19,...	9	c-str. / cum.	SW	10	c-str. / cum.	SW	10	c-str. / cum.	SW	2	cum.	...	7.7
" 20,...	9	c-str. / cum.	S	9	c-str. / cum.	...	9	c-str.	...	5	c-str.	...	6.6
" 21,...	10	c-str. / cum.	NE	8	c-str. / cum.	E	10	cum.	E	8	cum.	E	7.9
" 22,...	9	c-str. / cum.	ENE	8	c-str. / cum.	E	10	c-str. / cum.	E	4	cum.	E	8.9
" 23,...	10	nim.	ESE	10	sm-cum. / cum.	SSE	10	nim.	SSE	10	nim.	SSE	10.0
" 24,...	10	cum. / nim.	SSE	10	sm-cum. / nim.	SSE	9	cum.	S	9	cum.	S	9.5
" 25,...	10	nim.	SSW	10	nim.	SSW	10	cum-nim.	...	4	cum.	SSW	7.8
" 26,...	10	sm-cum. / cum.	W / SW	9	sm-cum. / cum.	W / SW	10	sm-cum. / cum.	SW	10	cum.	SW	7.9
" 27,...	9	sm-cum. / cum.	W / SW	9	c-str. / cum.	SW	10	c-str. / cum.	SW	9	cum.	SW	8.4
" 28,...	9	c-str. / cum.	SW	8	cum.	SW	10	cum.	SW	10	cum.	SW	9.1
" 29,...	9	c-str. / cum.	SW	10	cum.	SW	8	c-str. / cum.	SW	6	cum.	SW	9.1
" 30,...	9	c-str. / cum.	NE / SW	8	c-str. / cum.	SW	10	c-str. / cum.	SW	10	c-str. / cum.	SW	9.1
.....	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,...	8.2	...	...	8.0	...	...	8.4	...	...	6.1	...	...	7.8

TABLE IX.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR THE MONTH OF JUNE, 1909.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N −S	+E −W	
1 a.	0.7	4.4	7.1	1.4	− 6.3	+ 3.0	S 25° E
2 „	0.9	4.5	7.3	2.1	6.4	2.4	S 21° E
3 „	0.5	5.0	6.6	3.0	6.1	1.9	S 18° E
4 „	0.9	4.4	6.7	3.0	5.8	1.4	S 14° E
5 „	0.8	4.4	6.0	3.0	5.2	1.4	S 15° E
6 „	0.7	4.4	5.9	3.1	5.2	1.3	S 14° E
7 „	0.7	4.8	6.4	3.6	5.7	1.2	S 12° E
8 „	1.1	4.7	6.8	4.3	5.7	0.4	S 4° E
9 „	0.6	4.9	7.6	4.8	7.0	0.2	S 1° E
10 „	0.8	4.8	8.9	4.3	8.1	+ 0.5	S 4° E
11 „	0.6	4.6	9.4	5.4	8.8	− 0.8	S 5° W
Noon.	0.3	4.7	9.0	4.8	8.7	0.0	S
1 p.	1.3	4.9	9.3	4.4	8.0	+ 0.5	S 4° E
2 „	1.0	4.9	8.6	4.3	7.6	0.6	S 4° E
3 „	0.8	4.6	10.5	3.6	9.7	1.0	S 6° E
4 „	0.8	5.1	9.4	3.6	8.6	1.4	S 10° E
5 „	0.6	4.1	8.9	2.6	8.3	1.5	S 11° E
6 „	0.5	4.4	7.6	1.8	7.1	2.6	S 20° E
7 „	0.6	4.1	6.4	1.5	5.8	2.5	S 24° E
8 „	0.7	3.3	6.3	1.5	5.6	1.8	S 18° E
9 „	0.5	3.5	7.3	1.0	6.7	2.4	S 20° E
10 „	0.6	3.3	6.3	0.9	5.7	2.4	S 23° E
11 „	0.8	3.3	6.9	1.1	6.1	2.2	S 20° E
Midt.	0.7	4.2	7.3	1.2	− 6.6	+ 2.9	S 24° E
Means,.....	0.7	4.4	7.6	2.9	−6.87	+ 1.45	S 12° E

PHENOMENA :—

Solar halo :—on the 1st, 19th and 21st.

Lunar halo :—on the 3rd, 5th and 25th.

Dew :—on the 7th.

Rainbow :—on the 13th, 15th, 17th, 23rd, 24th, 29th and 30th.

Lightning without thunder :—on the 4th, 18th, 19th, 20th, 21st and 22nd.

Thunderstorms :—on the 5th 4.15 p—6.20 p, W—E, distant ; 6th 4.25 a—9.15 a, SSW—NNE distant.

TABLE I.

BAROMETRIC PRESSURE, FOR THE MONTH OF JULY, 1909.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.
July 1,...	29.705	29.685	29.671	29.665	29.667	29.676	29.689	29.700	29.713	29.709	29.701	29.688	29.664	29.651	29.630	29.625	29.614	29.620	29.629	29.648	29.657	29.659	29.652	29.641	29.665
„ 2,...	.623	.609	.602	.598	.603	.608	.625	.633	.646	.656	.647	.637	.626	.611	.612	.610	.600	.693	.615	.629	.639	.655	.660	.658	.625
„ 3,...	.653	.652	.644	.642	.643	.650	.669	.668	.680	.683	.678	.669	.667	.667	.655	.635	.638	.641	.646	.668	.683	.709	.720	.710	.665
„ 4,...	.700	.697	.687	.685	.692	.702	.717	.727	.729	.731	.727	.723	.720	.704	.685	.674	.674	.682	.702	.722	.737	.745	.747	.741	.710
„ 5,...	.727	.712	.714	.714	.716	.729	.744	.757	.765	.763	.770	.755	.742	.723	.697	.677	.678	.679	.701	.713	.732	.745	.747	.747	.727
„ 6,...	.731	.722	.716	.707	.714	.721	.730	.743	.744	.749	.748	.731	.726	.714	.694	.687	.679	.681	.686	.697	.716	.728	.723	.718	.717
„ 7,...	.700	.686	.687	.681	.679	.686	.702	.720	.725	.727	.717	.711	.689	.674	.655	.643	.637	.640	.651	.659	.674	.691	.688	.674	.683
„ 8,...	.664	.647	.631	.622	.627	.633	.642	.652	.655	.656	.648	.632	.634	.626	.618	.614	.614	.642	.640	.651	.664	.662	.662	.642	.641
„ 9,...	.624	.618	.604	.597	.594	.596	.604	.607	.614	.605	.590	.579	.562	.570	.555	.539	.550	.552	.558	.567	.568	.573	.561	.547	.581
„ 10,...	.527	.517	.517	.517	.519	.526	.540	.540	.542	.537	.535	.513	.503	.494	.468	.457	.462	.469	.477	.498	.499	.503	.495	.493	.506
„ 11,...	.487	.480	.468	.461	.469	.485	.495	.497	.495	.501	.490	.485	.467	.464	.454	.436	.440	.461	.467	.492	.508	.517	.521	.510	.481
„ 12,...	.499	.494	.496	.491	.501	.523	.521	.529	.555	.561	.552	.557	.551	.546	.534	.537	.532	.546	.564	.590	.614	.633	.641	.627	.550
„ 13,...	.613	.598	.598	.593	.596	.607	.622	.623	.639	.643	.649	.635	.621	.607	.600	.597	.592	.596	.629	.642	.644	.645	.640	.616	.619
„ 14,...	.599	.584	.553	.526	.526	.552	.545	.548	.543	.536	.532	.528	.514	.511	.482	.472	.466	.470	.489	.496	.519	.558	.560	.553	.528
„ 15,...	.557	.537	.533	.527	.543	.545	.557	.573	.585	.606	.605	.609	.593	.585	599	.602	.611	.619	.642	.677	.690	.721	.731	.745	.608
„ 16,...	.717	.726	.727	.720	.728	.749	.759	.782	.802	.815	.821	.814	.817	.805	.799	.793	.799	.807	.818	.827	.848	.861	.874	.868	.795
„ 17,...	.844	.828	.821	.815	.811	.819	.835	.848	.857	.860	.861	.849	.825	.810	.781	.758	.745	.754	.768	.796	.813	.832	.823	.818	.815
„ 18,...	.799	.777	.773	.766	.770	.769	.787	.795	.792	.790	.785	.777	.752	.743	.729	.721	.720	.715	.736	.755	.772	.769	.765	.767	.763
„ 19,...	.747	.743	.722	.708	.706	.714	.728	.740	.744	.752	.737	.747	.727	.709	.684	.678	.684	.689	.702	.696	.700	.716	.723	.725	.718
„ 20,...	.704	.689	.677	.680	.681	.682	.693	.719	.734	.733	.740	.738	.714	.711	.694	.689	.675	.681	.704	.728	.750	.763	.761	.744	.712
„ 21,...	.735	.733	.736	.726	.726	.740	.758	.769	.777	.794	.795	.786	.764	.756	.758	.755	.752	.758	.766	.791	.809	.818	.814	.809	.768
„ 22,...	.792	.784	.770	.773	.790	.802	.815	.823	.838	.831	.817	.804	.779	.767	.749	.742	.739	.751	.756	.767	.792	.808	.800	.791	.787
„ 23,...	.768	.743	.741	.729	.731	.738	.755	.756	.747	.753	.749	.741	.721	.701	.690	.678	.677	.671	.687	.701	.716	.733	.728	.718	.724
„ 24,...	.694	.673	.678	.681	.679	.692	.708	.718	.718	.738	.725	.725	.722	.712	.699	.695	.702	.694	.713	.725	.741	.744	.743	.717	.710
„ 25,..	.703	.799	.679	.680	.675	.678	.688	.708	.714	.721	.714	.714	.700	.693	.688	.667	.667	.684	.698	.718	.722	.751	.747	.730	.702
„ 26,...	.695	.677	.672	.664	.664	.671	.688	.687	.698	.704	.704	.692	.669	.659	.639	.632	.633	.644	.664	.674	.676	.684	.666	.661	.672
„ 27,...	.628	.624	.613	.614	.614	.618	.624	.612	.617	.616	.612	.594	.576	.550	.539	.525	.520	.527	.538	.552	.577	.594	.594	.575	.586
„ 28,...	.552	.545	.529	.522	.526	.532	.543	.544	.554	.553	.548	.544	.515	.497	.473	.457	.446	.455	.502	.515	.528	.540	.545	.537	.521
„ 29,...	.528	.511	.499	.502	.495	.501	.517	.527	.539	.549	.545	.523	.501	.487	.463	.451	.438	.454	.476	.529	.552	.561	.576	.564	.512
„ 30,...	.561	.546	.536	.537	.539	.551	.568	.585	.604	.612	.607	.600	.577	.565	.556	.556	.550	.561	.587	.618	.638	.639	.644	.638	.582
„ 31,...	.616	.606	.604	.607	.614	.635	.641	.653	.676	.681	.673	.656	.642	.624	.618	.601	.595	600	.613	.630	.641	.642	.640	.630	.631
Means,.....	29.661	29.650	29.642	29.637	29.640	29.649	29.662	29.670	29.679	29.683	29.678	29.669	29.654	29.643	29.629	29.619	29.617	29.624	29.639	29.657	29.672	29.684	29.684	29.675	29.655

TABLE II.

TEMPERATURE, FOR THE MONTH OF JULY, 1909.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.	Max.	Min.
July 1,	81.9	81.8	81.7	81.7	81.2	80.9	82.1	82.2	83.1	84.0	84.3	86.9	85.1	84.1	83.1	83.2	83.2	83.1	82.8	81.7	82.2	81.2	81.8	81.6	82.7	86.9	80.7
" 2,	81.3	81.2	80.4	80.3	80.2	80.9	81.7	81.1	83.2	80.3	84.1	84.9	87.2	86.7	86.7	86.4	84.6	83.3	82.0	82.2	81.6	81.8	81.6	81.4	82.7	87.2	80.0
" 3,	81.4	81.3	81.1	80.6	80.7	81.1	82.5	83.2	84.9	85.6	87.9	88.6	86.1	87.4	87.2	86.5	85.3	84.2	83.2	81.9	82.1	81.2	81.0	80.8	83.6	88.6	80.1
" 4,	80.8	80.9	80.6	80.2	80.1	80.6	82.1	83.1	85.0	85.1	86.3	86.7	86.4	87.4	87.1	85.6	85.2	83.7	82.7	81.2	81.5	81.2	80.5	80.4	83.1	88.8	79.9
" 5,	79.9	79.8	79.7	79.6	79.2	80.1	82.2	83.1	83.1	85.1	85.7	86.3	88.1	87.7	86.1	85.9	85.7	84.6	83.2	82.7	81.8	81.7	81.3	81.8	83.1	88.6	79.1
" 6,	81.5	82.0	81.0	80.6	78.4	79.1	81.2	82.4	84.1	83.8	83.3	84.2	84.7	86.7	87.8	87.1	86.1	86.1	83.6	82.4	82.4	81.8	81.0	80.0	83.0	88.1	78.4
" 7,	80.5	80.0	80.1	79.9	79.8	80.1	82.8	84.2	84.9	84.8	84.6	86.2	86.6	86.9	86.5	85.1	84.4	83.9	83.3	82.6	82.9	82.7	82.1	82.5	83.2	87.9	79.3
" 8,	80.9	80.9	80.9	80.9	80.9	81.0	82.5	83.7	84.8	84.8	86.6	87.4	88.9	89.1	88.7	86.6	85.1	77.0	79.9	79.8	79.7	79.8	80.6	81.0	83.0	89.5	77.0
" 9,	80.9	80.9	80.8	80.9	81.0	80.8	82.3	83.2	79.2	81.2	84.3	85.2	86.1	82.7	82.9	81.8	82.6	83.1	79.5	81.3	80.9	81.2	81.3	81.7	81.9	86.1	77.9
" 10,	81.7	81.7	79.4	80.5	80.1	81.0	78.1	81.8	83.1	81.5	82.2	81.7	82.7	82.9	83.3	83.1	82.3	81.4	80.5	79.4	80.5	81.1	80.3	79.5	81.2	84.1	77.5
" 11,	78.6	79.1	79.0	79.0	77.9	79.4	79.9	81.1	81.9	83.9	83.7	79.6	82.1	82.1	82.9	83.1	82.0	81.9	81.4	79.9	78.7	78.6	80.0	79.8	80.6	85.2	77.5
" 12,	80.3	79.8	80.8	80.8	81.9	79.2	80.6	82.9	84.9	78.7	80.1	81.0	77.9	82.1	84.6	83.4	81.2	80.6	80.6	82.0	82.1	82.1	81.0	80.7	81.2	84.9	77.7
" 13,	80.6	80.6	81.0	81.2	78.0	80.0	81.1	83.9	83.9	84.4	85.1	85.5	84.4	84.4	84.0	83.4	83.4	82.4	82.4	82.1	82.0	82.1	81.2	81.0	82.4	87.4	78.0
" 14,	79.9	80.3	81.2	83.4	82.6	82.2	83.1	83.9	84.3	84.1	78.5	81.9	81.3	80.8	82.5	81.1	81.2	82.1	81.2	81.1	80.1	79.1	80.7	80.9	81.6	85.0	78.3
" 15,	78.9	78.6	78.9	79.0	77.2	78.5	77.9	80.1	78.9	77.3	78.1	78.2	76.4	77.4	76.2	77.8	78.9	78.4	78.9	79.3	80.5	80.5	80.5	75.3	78.4	81.1	74.6
" 16,	76.0	74.8	75.5	76.1	79.8	80.1	80.9	82.1	82.4	83.0	83.6	85.3	83.1	83.1	83.3	83.1	82.4	81.8	81.4	81.0	81.0	81.1	80.7	80.7	80.9	85.4	74.8
" 17,	80.2	79.8	80.9	81.3	79.3	79.6	79.9	81.1	83.1	82.1	83.1	84.9	84.1	83.4	84.1	84.4	83.2	82.1	81.3	80.6	80.1	79.9	79.1	79.0	81.5	85.2	79.0
" 18,	78.9	78.7	78.7	78.6	77.9	77.9	79.6	83.9	83.2	86.0	87.0	88.1	87.1	86.1	86.4	85.9	84.5	83.3	82.6	82.1	82.0	81.9	82.2	82.0	82.7	88.3	77.9
" 19,	81.9	81.9	78.5	79.1	80.3	81.1	80.3	81.3	82.8	79.1	81.2	77.9	79.3	80.3	81.1	82.1	81.9	81.1	80.1	80.7	81.0	79.2	79.8	80.8	80.5	82.8	77.7
" 20,	81.3	81.0	78.1	78.1	80.7	80.1	79.7	77.7	78.0	79.1	79.2	80.2	81.7	81.1	80.1	80.9	81.0	81.1	80.7	81.2	80.2	80.6	80.9	80.9	80.2	81.7	77.3
" 21,	80.9	80.9	80.7	80.7	80.9	80.9	80.9	83.1	82.2	83.1	84.6	85.1	85.3	84.1	82.1	76.7	78.8	77.5	78.9	80.2	79.7	78.4	78.9	79.4	81.0	85.5	76.7
" 22,	79.4	79.9	79.7	79.9	80.1	80.6	81.1	83.4	84.1	84.9	85.4	86.1	87.9	89.1	87.1	85.1	85.0	84.1	82.3	81.9	81.3	81.1	80.9	80.7	83.0	89.2	79.1
" 23,	81.7	80.9	81.4	80.9	81.1	80.5	80.9	80.6	82.3	84.1	83.5	79.7	78.1	78.1	78.5	77.7	79.3	78.9	79.1	80.1	80.4	79.9	79.7	80.4	80.3	84.1	77.2
" 24,	79.7	80.0	79.1	79.1	79.7	80.9	80.8	81.5	82.6	80.1	78.2	78.4	76.5	77.1	78.5	77.9	78.3	78.1	78.3	78.2	77.9	78.7	78.9	79.6	79.1	83.0	76.2
" 25,	79.7	79.9	79.9	79.9	79.9	80.1	80.5	82.2	83.0	83.6	84.4	81.8	84.7	85.5	85.1	83.5	83.5	82.2	81.1	80.9	80.3	80.8	80.3	80.1	81.9	86.3	79.3
" 26,	79.8	79.3	79.0	78.8	78.7	79.3	81.9	83.9	84.9	85.8	86.8	88.3	85.4	86.1	86.9	86.3	85.1	83.5	82.9	81.8	81.4	81.2	80.9	80.2	82.8	88.3	78.1
" 27,	80.0	80.0	79.8	79.1	79.5	79.9	81.3	82.7	85.1	86.2	88.3	87.1	88.7	88.1	87.9	87.2	86.9	85.1	84.6	83.9	83.3	83.9	82.9	82.9	83.9	90.2	79.1
" 28,	83.1	82.8	82.8	81.8	82.3	82.3	83.1	85.0	86.2	86.2	86.6	88.4	86.9	86.1	86.1	85.6	85.1	84.1	83.0	82.6	82.1	82.2	81.7	81.4	84.1	89.0	81.4
" 29,	81.3	80.9	80.2	80.2	80.8	80.1	81.3	83.0	84.7	85.6	87.3	89.3	89.2	89.5	90.2	88.6	87.9	86.1	85.7	85.1	84.9	82.8	82.7	82.5	84.6	90.5	80.0
" 30,	82.6	83.1	83.6	80.9	82.3	82.1	84.1	84.1	84.6	86.0	87.3	89.3	89.4	90.1	88.7	88.1	86.9	86.1	85.2	85.4	84.7	84.9	84.5	83.9	85.3	90.8	80.2
" 31,	83.6	83.3	83.0	82.9	82.7	83.5	84.1	85.1	86.1	87.8	87.3	89.9	90.1	90.3	90.4	88.6	87.1	85.8	84.9	84.7	84.4	84.1	83.8	83.5	85.7	90.6	82.4
Means,	80.6	80.5	80.2	80.2	80.2	80.4	81.3	82.6	83.4	83.5	84.1	84.7	84.6	84.7	84.7	83.9	83.5	82.5	81.8	81.6	81.4	81.2	81.1	80.9	82.2	86.8	78.5

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION, FOR THE MONTH OF JULY, 1909.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.	Solar Max.
July 1, ...	77.5	77.3	77.5	77.5	77.5	77.8	77.8	77.7	77.8	78.1	78.0	79.6	78.8	78.6	78.1	78.6	76.5	76.1	77.3	77.6	78.1	77.0	77.4	77.2	77.7	135.6
" 2, ...	76.7	76.9	77.2	76.8	76.7	76.6	77.1	77.8	78.0	78.5	79.3	78.3	79.1	77.8	78.7	77.5	77.7	77.9	77.9	77.9	77.9	77.9	77.3	77.6	77.7	135.3
" 3, ...	77.8	77.6	77.4	77.3	77.4	77.3	77.4	77.5	78.6	78.8	79.4	79.8	77.8	77.6	77.9	77.5	78.0	78.0	77.8	77.4	76.9	76.6	77.2	77.6	77.8	134.7
" 4, ...	76.8	77.1	77.0	77.1	77.8	77.8	78.3	78.7	77.8	79.6	79.4	79.4	78.8	79.1	78.9	78.2	78.6	77.8	77.8	77.5	76.9	76.8	76.9	77.0	78.0	134.7
" 5, ...	76.8	76.8	76.6	76.7	77.3	77.8	77.9	78.1	77.5	77.8	77.9	78.0	78.8	78.8	76.8	76.8	78.0	78.4	78.8	79.4	78.6	78.8	78.4	78.7	77.9	135.9
" 6, ...	78.7	77.4	78.2	78.3	75.5	76.8	77.8	78.8	79.2	78.9	78.7	77.9	79.0	81.0	81.3	77.8	76.8	78.2	78.4	78.6	78.5	78.8	78.4	78.0	78.4	135.7
" 7, ...	77.8	78.1	77.9	77.7	77.8	78.0	78.8	79.5	78.7	77.8	77.8	77.8	78.8	79.8	76.4	77.8	78.5	77.8	78.5	78.4	78.5	78.9	78.6	78.4	78.3	137.4
" 8, ...	77.5	78.0	78.5	78.6	78.5	78.5	78.8	78.1	79.8	79.9	78.8	77.1	79.4	79.4	79.2	77.8	77.3	75.8	77.3	77.4	76.8	76.9	78.4	78.8	78.2	138.7
" 9, ...	79.2	78.8	78.7	78.7	78.8	78.1	78.8	79.0	75.1	76.5	79.0	78.6	78.8	78.8	78.6	78.8	78.3	78.6	76.8	78.0	78.2	78.1	77.7	77.4	78.2	135.9
" 10, ...	77.7	78.0	77.2	78.0	77.6	77.8	75.6	77.9	78.6	79.1	79.3	78.6	79.6	78.8	78.6	77.8	78.6	77.8	77.8	77.6	78.1	77.8	78.0	77.6	78.1	138.5
" 11, ...	77.1	77.5	76.7	77.5	76.3	76.8	77.2	78.2	76.9	78.5	77.9	76.1	78.8	78.3	78.4	77.6	77.6	77.4	76.8	76.8	76.3	76.8	76.4	77.0	77.3	137.8
" 12, ...	76.7	76.9	76.6	76.5	77.2	75.3	76.3	78.1	79.6	76.8	76.8	77.6	74.9	76.1	78.6	77.0	77.0	78.2	78.2	78.6	78.6	78.8	78.8	77.9	77.4	129.1
" 13, ...	77.7	78.0	78.6	79.6	75.8	78.0	78.5	79.6	79.8	78.8	78.8	80.4	79.4	79.1	79.3	79.2	78.8	78.7	78.8	78.7	78.6	78.8	78.6	78.2	78.7	134.0
" 14, ...	78.2	77.6	76.3	75.1	76.3	76.0	76.8	77.1	77.8	77.9	77.8	78.3	77.6	77.1	77.2	77.1	76.6	76.5	76.8	76.8	76.8	77.1	76.7	77.2	77.0	128.3
" 15, ...	76.5	76.3	76.6	76.5	75.4	76.0	77.3	77.4	77.0	74.8	75.8	75.8	74.1	75.4	74.4	75.8	76.6	75.6	75.9	76.8	76.8	76.8	76.5	72.8	76.0	109.7
" 16, ...	73.2	73.7	73.5	73.6	75.8	76.6	77.0	78.3	77.6	78.1	77.8	79.6	78.8	78.8	78.9	78.3	78.1	77.8	77.0	76.9	77.7	77.9	77.5	77.3	77.1	139.3
" 17, ...	77.1	77.3	77.8	77.5	77.0	77.6	77.1	77.8	78.6	78.1	78.8	78.8	78.8	77.3	77.2	77.0	76.7	76.8	76.4	76.0	76.7	76.8	76.5	76.6	77.3	133.7
" 18, ...	76.7	76.5	76.6	77.7	75.8	75.7	77.0	78.0	76.8	77.0	78.2	77.8	77.0	76.1	75.5	75.6	76.2	75.8	77.0	77.8	77.8	77.6	77.6	76.7	76.9	133.5
" 19, ...	76.5	76.6	75.5	74.6	75.8	76.8	77.5	77.3	77.5	77.0	77.0	75.6	76.8	76.0	77.4	75.9	77.7	77.3	76.8	77.4	77.6	75.5	76.7	76.8	76.6	134.8
" 20, ...	77.3	77.5	75.5	75.7	77.0	76.8	76.4	76.2	76.3	77.0	76.0	77.6	78.6	78.4	76.8	77.0	77.9	77.8	77.6	77.8	76.9	77.5	77.2	78.1	77.1	103.4
" 21, ...	78.1	77.5	76.9	76.9	77.2	77.0	78.4	78.7	78.1	78.0	79.0	78.4	79.6	77.8	77.8	75.9	76.6	75.4	76.6	77.3	76.6	76.2	76.4	77.5	77.4	140.5
" 22, ...	76.8	77.3	77.1	77.0	77.4	77.6	77.5	78.0	78.2	78.1	78.7	77.1	77.8	78.6	75.8	74.6	76.3	76.0	76.0	75.5	76.6	76.6	76.2	76.5	77.0	137.0
" 23, ...	77.0	77.3	77.7	77.4	76.8	76.1	77.0	77.3	77.8	77.3	76.2	75.8	74.8	75.8	76.0	74.3	75.7	76.5	76.0	76.8	77.4	76.7	76.5	76.5	76.5	123.9
" 24, ...	76.5	77.5	76.8	75.1	76.3	77.4	77.0	77.5	78.3	76.8	76.0	76.5	74.8	75.8	76.0	74.8	76.4	76.2	74.9	74.5	74.7	74.9	75.6	76.4	76.1	119.7
" 25, ...	76.6	76.7	76.9	76.9	76.5	76.8	77.2	77.9	77.6	76.8	78.8	78.5	76.8	78.6	78.3	77.8	77.6	77.1	77.0	77.1	77.0	77.9	77.4	77.7	77.4	135.1
" 26, ...	77.6	77.3	77.4	76.5	76.8	76.5	77.4	78.0	76.9	76.9	78.0	78.8	77.1	75.3	77.0	74.8	76.3	76.8	76.8	76.9	77.2	77.5	76.8	76.5	77.0	137.8
" 27, ...	76.5	76.7	76.7	76.7	76.7	76.6	77.0	78.0	77.8	79.3	80.8	80.4	80.3	80.0	77.8	77.1	75.1	76.8	77.8	78.5	77.8	79.8	79.4	78.4	78.0	139.1
" 28, ...	78.4	79.4	77.7	74.4	77.8	78.7	79.4	78.8	77.7	77.4	77.5	77.8	78.0	77.8	77.8	78.2	77.6	77.7	76.8	77.8	77.6	77.1	78.3	77.3	77.8	136.2
" 29, ...	77.6	77.6	77.5	77.3	77.8	77.3	78.6	78.4	78.6	79.9	79.8	79.8	78.3	80.8	81.7	81.3	80.8	81.1	80.8	81.1	80.8	77.1	78.5	79.5	79.2	132.6
" 30, ...	79.5	80.5	81.5	78.5	80.7	80.5	81.8	80.8	81.0	81.4	81.2	83.4	82.1	82.2	81.0	82.8	80.5	80.8	80.3	80.6	80.9	81.3	80.5	80.5	81.0	144.5
" 31, ...	80.0	79.6	79.3	80.1	79.9	79.8	80.6	80.8	80.3	78.5	81.0	82.4	82.0	82.2	82.0	81.8	80.6	80.0	79.8	79.9	79.6	78.8	79.6	79.2	80.3	142.2
Means, ...	77.4	77.5	77.3	77.0	77.1	77.3	77.8	78.2	78.1	78.0	78.4	78.4	78.2	78.3	78.0	77.5	77.6	77.5	77.5	77.7	77.7	77.6	77.6	77.5	77.7	133.4

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR, FOR THE MONTH OF JULY, 1909.

Hours.	Hourly Means.		Date.	Daily Means.	
	Humidity.	Tension.		Humidity.	Tension.
			1909.		
1 a.	86	0.899	July 1,.....	79	0.884
2 „	87	.904	„ 2,.....	79	.884
3 „	87	.900	„ 3,.....	76	.876
4 „	86	.886	„ 4,.....	79	.892
5 „	87	.891	„ 5,.....	78	.887
6 „	87	.897	„ 6,.....	81	.911
7 „	85	.907	„ 7,.....	79	.904
8 „	81	.907	„ 8,.....	80	.902
9 „	78	.892	„ 9,.....	84	.917
10 „	77	.886	„ 10,.....	87	.922
11 „	76	.896	„ 11,.....	86	.894
Noon.	75	.888	„ 12,.....	84	.890
1 p.	74	.880	„ 13,.....	84	.933
2 „	74	.883	„ 14,.....	81	.867
3 „	73	.870	„ 15,.....	89	.866
4 „	73	.858	„ 16,.....	84	.881
5 „	75	.868	„ 17,.....	82	.881
6 „	79	.877	„ 18,.....	76	.848
7 „	82	.886	„ 19,.....	83	.864
8 „	83	.898	„ 20,.....	87	.891
9 „	84	.901	„ 21,.....	85	.893
10 „	85	.899	„ 22,.....	75	.848
11 „	85	.901	„ 23,.....	83	.863
Midt.	85	.899	„ 24,.....	87	.861
			„ 25,.....	81	.880
			„ 26,.....	76	.851
			„ 27,.....	75	.880
			„ 28,.....	74	.869
			„ 29,.....	77	.926
			„ 30,.....	82	1.001
			„ 31,.....	78	0.963
Mean, ...	81	0.891	Mean, ...	81	0.891

TABLE V.

DURATION OF SUNSHINE.

Date.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Sums.
1909.														
July 1,.....	...	0.8	0.8	0.4	0.9	1.0	0.9	1.0	0.8	0.5	1.0	...	...	8.1
„ 2,.....	0.2	0.7	0.2	0.9	0.7	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.3	9.9
„ 3,.....	...	1.0	0.9	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	0.5	11.3
„ 4,.....	0.2	1.0	0.8	1.0	1.0	1.0	0.8	1.0	0.9	1.0	0.7	0.5	0.2	10.1
„ 5,.....	...	1.0	1.0	0.6	1.0	0.8	0.9	1.0	1.0	1.0	1.0	1.0	0.7	11.0
„ 6, ...	0.1	0.8	1.0	1.0	0.6	0.5	1.0	0.8	1.0	0.9	1.0	1.0	0.3	10.0
„ 7,.....	0.2	0.9	1.0	1.0	1.0	0.8	0.9	0.9	1.0	1.0	1.0	1.0	0.7	11.4
„ 8,.....	0.2	1.0	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	...	10.7
„ 9,.....	...	0.7	0.7	0.7	1.0	1.0	1.0	0.8	1.0	1.0	0.9	1.0	...	9.8
„ 10,.....	...	...	0.7	1.0	0.6	0.9	0.5	0.7	1.0	1.0	1.0	0.9	...	8.3
„ 11,.....	...	0.1	0.6	0.5	1.0	0.9	0.2	0.6	0.2	1.0	0.5	0.3	0.1	6.0
„ 12,.....	...	0.2	1.0	0.7	...	...	...	0.3	0.6	0.5	...	...	...	3.3
„ 13,.....	...	0.1	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	10.5
„ 14,.....	...	0.7	1.0	0.9	0.8	...	0.1	...	...	...	...	...	...	3.5
„ 15,.....	...	0.4	...	...	...	...	...	...	...	...	...	...	...	0.4
„ 16,.....	...	...	0.7	1.0	0.6	0.8	1.0	1.0	1.0	1.0	1.0	0.4	...	8.5
„ 17,.....	...	0.4	0.3	0.8	0.6	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.1	9.0
„ 18,.....	...	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	11.6
„ 19,.....	...	0.4	0.9	0.5	0.3	0.3	0.3	0.7	0.9	1.0	1.0	0.6	...	6.9
„ 20,.....	...	0.1	...	...	...	0.1	...	...	...	...	...	...	...	0.2
„ 21,.....	...	0.8	1.0	0.9	1.0	1.0	0.7	0.8	0.9	0.3	...	...	...	7.4
„ 22,.....	0.2	0.6	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.7	0.3	0.1	...	8.8
„ 23,.....	...	...	...	1.0	0.2	...	...	...	...	...	...	...	...	1.2
„ 24,.....	...	...	...	0.5	...	...	...	...	...	...	...	...	...	0.5
„ 25,.....	...	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	11.1
„ 26,.....	0.2	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.8	0.7	0.3	0.2	0.1	8.8
„ 27,.....	0.3	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	0.9	0.1	11.2
„ 28,.....	...	0.6	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	0.8	0.6	...	9.9
„ 29,.....	...	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	10.7
„ 30,.....	0.1	1.0	0.5	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	10.5
„ 31,.....	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	1.0	1.0	0.5	11.4
Sums,.....	1.9	18.4	22.9	25.1	23.3	22.8	22.2	23.0	23.9	23.3	21.5	18.2	5.5	252.0

TABLE VI.

RAINFALL FOR THE MONTH OF JULY, 1909.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Sums.	Duration. Hours.
July 1,	...	...	...	0.005	0.010	0.010	0.010	...	...	...	...	...	...	0.030	0.170	...	...	...	...	...	...	...	...	...	0.235	1
„ 2,	...	...	...	...	0.050	...	...	0.035	0.010	0.055	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.150	1
„ 3,	...	...	0.050	0.015	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.065	...
„ 4,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 5,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 6,	...	...	0.010	0.005	0.050	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.065	1
„ 7,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.040	0.010	0.050	...
„ 8,	...	...	...	...	...	0.015	0.005	0.015	...	...	...	...	...	...	...	...	...	0.720	...	...	...	...	...	...	0.755	1
„ 9,	0.015	0.035	...	...	...	...	...	0.030	0.050	...	...	...	0.215	0.005	...	...	...	0.275	...	0.005	...	...	...	...	0.630	1
„ 10,	0.005	0.020	0.025	0.020	...	0.015	0.040	0.025	...	0.525	...	0.030	...	...	...	...	0.010	0.005	0.015	...	...	0.050	0.050	0.010	0.895	4
„ 11,	0.140	...	...	0.030	0.020	0.010	...	...	...	...	0.105	0.005	0.010	...	...	...	...	...	...	0.035	0.005	0.010	...	...	0.370	2
„ 12,	...	0.025	...	...	...	...	...	...	0.100	0.235	0.140	0.025	0.035	...	...	...	...	...	...	...	...	...	0.010	...	0.570	2
„ 13,	...	0.150	...	0.040	0.650	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.840	1
„ 14,	...	...	...	...	...	...	...	...	0.020	0.060	0.290	...	0.120	...	...	0.050	...	...	...	...	0.100	0.020	...	0.120	0.780	4
„ 15,	...	0.010	0.165	0.135	0.005	0.085	0.110	0.190	0.230	0.030	0.125	0.015	0.270	0.675	0.180	0.045	0.015	0.020	...	0.005	...	0.050	0.430	0.030	2.820	10
„ 16,	0.315	0.740	0.610	0.195	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1.860	3
„ 17,	...	...	...	...	...	...	...	0.010	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.010	...
„ 18,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 19,	...	0.020	...	...	...	0.060	0.100	0.010	0.160	0.075	0.030	0.070	...	...	...	...	...	...	...	...	...	...	...	...	0.525	2
„ 20,	...	...	0.090	0.010	0.020	...	0.355	0.155	0.020	0.025	...	...	0.055	...	0.005	...	...	...	...	0.035	...	...	...	...	0.770	3
„ 21,	0.005	...	...	...	...	0.020	0.055	...	...	...	...	0.010	...	...	...	0.250	...	...	...	...	...	...	...	...	0.340	1
„ 22,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 23,	0.010	0.020	0.030	...	...	...	0.020	...	...	...	...	0.085	0.025	0.035	0.030	0.030	0.005	0.015	0.020	0.005	...	...	...	...	0.380	4
„ 24,	0.010	0.075	...	...	...	...	...	0.005	0.255	...	...	...	0.025	0.010	0.035	0.015	0.015	...	...	...	...	...	...	...	0.445	2
„ 25,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 26,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 27,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	0.010	...	0.015	...
„ 28,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 29,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 30,	...	...	...	0.255	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.255	1
„ 31,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	0.500	1.095	1.030	0.710	0.805	0.215	0.695	0.475	0.845	1.005	0.690	0.240	0.755	0.755	0.420	0.390	0.045	1.035	0.085	0.085	0.105	0.135	0.540	0.170	12.825	44

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND, FOR THE MONTH OF JULY, 1909.

Date.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.		7 a.		8 a.		9 a.		10 a.		11 a.		Noon.		1 p.		2 p.		3 p.		4 p.		5 p.		6 p.		7 p.		8 p.		9 p.		10 p.		11 p.		Midt.		Vel.		Dir.
	Dir.	Vel	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir	Vel.	Dir.	Vel.	Dir.	Vel.	Dir	Vel.	Dir.	Vel.	Dir.	Vel.	Dir	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Sums.	Means.	Means.
July 1,	16	10	16	11	16	12	19	5	15	10	15	8	17	6	17	10	17	14	17	14	17	13	19	12	18	11	20	15	17	10	17	11	18	14	19	14	18	7	17	5	16	6	19	6	19	7	17	7	238	9.9	17
„ 2,	18	9	17	10	18	7	19	8	17	9	19	11	21	12	19	10	18	12	24	11	21	8	18	11	19	12	20	13	20	13	19	10	16	11	16	6	18	3	16	4	15	8	16	9	15	10	16	7	224	9.3	18
„ 3,	16	6	16	4	16	3	17	8	16	8	19	6	18	9	20	7	21	6	19	8	18	7	19	8	18	6	17	10	17	9	16	8	16	6	16	8	16	6	16	7	16	5	16	4	...	0	...	0	149	6.2	17
„ 4,	...	0	...	0	...	0	...	0	16	2	...	0	..	0	26	2	...	1	27	7	23	6	16	8	15	9	15	7	16	5	15	8	16	9	16	8	16	6	16	4	16	5	17	3	...	0	...	1	91	3.8	17
„ 5,	...	1	8	2	8	2	...	1	...	0	...	0	...	1	6	5	8	9	7	10	8	12	8	12	8	14	8	10	8	11	8	14	8	14	8	12	10	11	10	8	10	6	10	7	9	7	10	8	177	7.4	8
„ 6,	8	7	11	5	...	0	..	0	12	5	8	5	8	5	8	7	8	7	8	10	7	12	8	12	8	9	8	6	9	6	16	8	17	7	15	5	15	6	15	2	...	1	...	1	8	3	...	1	130	5.4	10
„ 7,	...	0	8	2	...	1	...	0	...	0	...	0	...	0	8	4	7	11	8	12	8	15	8	13	8	14	8	16	9	15	8	16	8	13	9	15	9	9	9	9	10	11	10	14	10	12	11	15	217	9.0	9
„ 8,	8	12	11	13	9	9	10	9	10	8	10	4	9	11	8	12	7	14	8	16	12	13	12	14	14	10	13	10	12	14	13	13	10	13	16	12	9	4	6	6	8	11	7	7	9	9	9	11	255	10.6	10
„ 9,	8	12	10	10	9	11	9	12	9	14	8	11	9	12	8	18	4	14	10	16	8	20	8	25	8	30	9	24	8	27	8	27	7	16	7	23	10	17	7	23	8	26	8	27	7	27	8	33	475	19.8	8
„ 10,	8	26	8	30	10	30	8	25	8	24	8	24	9	18	8	21	8	19	7	23	8	15	8	17	8	17	8	16	8	17	8	19	8	19	7	19	8	23	8	19	8	18	7	24	8	25	9	27	515	21.5	8
„ 11,	9	27	8	20	9	23	8	17	7	16	12	19	11	20	9	23	12	20	12	25	9	30	12	21	13	29	12	19	12	27	13	22	11	24	12	20	11	23	12	20	11	17	11	13	12	16	12	16	507	21.1	11
„ 12,	12	21	12	24	13	25	13	21	15	23	17	16	16	10	14	15	14	20	19	16	16	13	15	11	17	16	18	3	8	2	15	9	8	14	7	13	7	9	13	12	12	15	13	15	12	13	12	10	346	14.4	13
„ 13,	12	4	8	6	7	10	12	9	12	11	10	5	11	8	11	9	10	7	12	15	13	14	10	17	10	17	8	17	8	20	9	24	9	24	8	16	8	15	8	13	8	11	8	6	8	3	...	0	281	11.7	9
„ 14,	...	1	10	6	6	15	6	29	6	31	6	28	5	29	5	33	6	34	6	40	7	37	6	38	7	40	8	41	7	42	6	45	7	48	7	46	8	42	7	47	9	43	9	44	8	43	9	43	848	35.3	7
„ 15,	10	30	11	38	9	39	9	42	10	32	11	40	9	42	9	46	11	45	9	38	9	38	10	32	12	37	11	41	12	36	13	32	12	34	12	35	11	28	11	30	12	33	12	35	12	27	14	20	850	35.4	11
„ 16,	13	11	12	15	13	16	12	26	12	32	12	28	12	30	12	30	12	25	13	25	12	24	10	21	10	20	10	20	10	20	12	18	12	17	12	13	12	13	11	12	12	13	10	18	10	14	12	12	473	19.7	12
„ 17,	12	12	12	9	12	6	8	2	8	2	8	2	8	5	11	7	12	8	8	13	8	14	8	13	8	16	8	13	8	11	9	8	9	11	8	11	8	9	10	5	10	2	10	2	10	2	...	0	183	7.6	9
„ 18,	...	1	11	2	11	3	...	1	...	0	...	0	...	0	...	1	9	6	10	12	7	11	8	11	8	14	9	15	8	18	8	18	9	20	9	19	7	15	6	15	7	20	7	27	7	30	7	30	289	12.0	8
„ 19,	8	21	8	25	10	20	7	16	7	24	7	22	7	21	8	21	8	26	9	21	7	25	6	28	6	23	7	23	7	26	7	27	7	22	7	24	7	20	6	21	7	24	8	28	7	24	8	30	565	23.5	7
„ 20,	7	29	8	27	9	27	9	19	6	20	6	24	7	23	8	20	8	20	6	11	6	15	6	15	10	24	9	25	10	26	9	28	8	27	8	24	10	24	10	22	12	24	12	24	10	23	9	24	545	22.7	9
„ 21,	9	27	10	25	10	24	10	22	10	20	9	22	10	23	9	28	8	23	8	22	9	23	8	21	8	20	8	22	9	17	8	16	8	10	7	13	9	14	8	12	8	12	7	12	7	9	7	10	447	18.6	9
„ 22,	6	10	6	15	6	13	7	11	6	11	7	10	5	10	6	16	7	13	7	16	9	12	8	13	10	7	11	10	10	18	10	14	8	9	11	3	11	5	11	3	11	4	11	3	11	2	11	4	232	9.7	8
„ 23,	5	9	6	13	4	13	7	14	3	8	3	5	3	8	2	7	32	8	4	14	4	24	6	17	5	21	7	26	6	29	6	25	6	21	6	24	6	23	6	28	6	28	6	23	6	29	7	27	447	18.6	6
„ 24,	8	31	9	26	8	30	8	31	8	26	8	27	10	27	9	25	9	26	9	21	5	21	6	23	9	25	7	20	9	29	8	31	8	24	6	22	7	23	7	20	7	15	7	12	7	10	7	15	560	23.3	8
„ 25,	7	13	7	12	7	12	6	12	6	13	7	13	6	15	7	22	7	18	7	22	7	20	7	20	8	21	8	20	9	20	8	21	9	15	8	13	9	7	7	6	7	6	6	6	6	6	9	6	339	14.1	7
„ 26	...	1	...	0	...	0	...	0	...	0	...	1	3	3	3	3	10	7	9	16	9	14	9	13	10	13	10	12	8	12	9	10	13	9	14	8	14	3	...	1	...	0	...	1	...	0	...	0	127	5.3	10
„ 27,	...	1	...	1	15	2	...	1	...	1	27	5	25	6	25	8	24	10	21	10	22	9	23	7	10	9	8	16	8	12	7	13	9	10	10	10	10	7	10	9	10	10	8	16	9	17	7	16	206	8.6	9
„ 28.	7	23	6	18	6	21	7	16	8	16	8	7	5	9	7	12	7	15	7	18	8	18	8	19	10	21	10	17	10	12	8	12	8	11	8	10	15	6	15	4	7	2	...	0	..	0	...	0	287	12.0	8
„ 29,	...	1	...	1	...	1	...	1	...	1	...	0	7	3	26	7	25	9	27	10	23	8	21	11	21	11	21	11	22	11	22	10	18	10	19	8	21	9	21	5	5	6	6	5	6	2	6	2	143	6.0	22
„ 30,	...	1	...	1	23	6	18	7	20	5	20	4	23	3	24	2	24	6	24	7	22	9	23	10	22	8	23	9	16	10	16	8	16	10	16	6	15	5	17	5	17	5	17	3	20	4	20	6	140	5.8	20
„ 31,	19	4	20	9	21	9	21	6	22	8	20	6	21	6	26	7	25	6	23	9	23	8	24	10	23	9	22	11	23	8	16	8	17	9	17	10	18	8	18	6	18	6	18	10	20	10	20	10	193	8.0	21
Sums,	...	364	...	380	...	390	...	371	...	380	...	353	...	375	...	438	...	459	...	508	...	508	...	503	...	533	...	521	...	533	...	533	...	504	...	470	...	400	...	383	...	393	...	405	...	384	...	391	10479	436.6	...
Means,	...	11.7	...	12.3	...	12.6	...	12.0	...	12.3	...	11.4	...	12.1	...	14.1	...	14.8	...	16.4	...	16.4	...	16.2	...	17.2	...	16.8	...	17.2	...	17.2	...	16.3	...	15.2	...	12.9	...	12.4	...	12.7	...	13.1	...	12.4	...	12.6	338.0	14.1	...

TABLE VIII.

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 a.			4 a.			7 a.			10 a.		
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction
1909.												
July 1, ...	10	cum.	SW	10	cum.	SW	9	cum.	SSW	10	cum.	SSW
„ 2, ...	7	cum.	SSW	10	cum.	SSW	8	cum.	SW	10	nim.	SW
„ 3, ...	7	cum.	SW	8	cum.	SW	7	c-str. / cum.	SSW	7	c-str. / cum.	WSW
„ 4, ...	9	c-str. / cum.	E / S	5	cum.	S	7	c-str. / cum.	.. / S	7	c-str. / cum.	S
„ 5, ...	7	c-str. / cum.	S	7	c-str. / cum.	SSE	9	c-str. / cum.	SSE	4	c-str. / cum.	SSE
„ 6, ...	4	cum.	ESE	6	cum.	ESE	4	c-str. / cum.	ESE	8	cum.	SSE
„ 7, ...	1	cum.	...	2	c-str. / cum.	...	6	c-str. / cum.	ESE	5	cum.	SE
„ 8, ...	3	cum.	E	5	cum.	E	7	c-str. / cum.	ESE	5	cum.	ESE
„ 9, ...	2	cum.	ESE	6	c-str. / cum.	ESE	9	c-str. / cum.	ESE	4	c-str. / cum.	SE
„ 10, ...	6	cum.	E	10	nim.	E	8	cum. / nim.	E	10	nim.	E
„ 11, ...	10	nim.	E	10	nim.	ESE	10	cum.	SE	7	c-str. / cum.	SE
„ 12, ...	10	nim.	SE	10	cum.	SE	9	c-str. / cum.	S	10	nim.	SW
„ 13, ...	6	cum.	S	10	cum-nim.	S	9	cum.	S	10	cum.	SE
„ 14, ...	0	...	...	5	cum.	E	9	cum.	E	10	nim.	E
„ 15, ...	4	cum.	E	10	cum-nim.	SE	10	nim.	ESE	10	nim.	SE
„ 16, ...	10	cum-nim.	SE	10	cum-nim.	SE	10	cum.	SE	10	cum.	SSE
„ 17, ...	3	cum.	SSE	8	cum.	SSE	9	c-str. / cum.	SSE	8	c-cum. / cum.	ENE / SSE
„ 18, ...	0	...	...	0	...	...	3	c-str.	...	5	sm-cum. / cum.	ENE / E
„ 19, ...	1	cum.	...	0	...	...	10	cum. / nim.	E / E	10	nim.	E
„ 20, ...	8	cum.	...	10	cum.	E	10	c-str. / cum.	ESE	10	nim.	ESE
„ 21, ...	8	cum.	SE	6	cum.	SE	9	cum.	SE	9	cum.	E
„ 22, ...	2	cum.	SE	3	cum.	SE	7	c-str. / cum.	SE	9	c-str. / cum.	E
„ 23, ...	5	cum.	...	7	cum.	ESE	10	nim.	E	10	c-cum. / cum.	E
„ 24, ...	10	nim.	E	8	cum.	E	10	c-str. / cum.	ESE	10	nim.	ESE
„ 25, ...	8	cum.	...	8	cum.	ESE	9	c-str. / cum.	ESE	5	cum.	E
„ 26, ...	7	cum.	...	0	...	...	8	c-str. / cum.	ENE	4	c-str. / cum.	ENE
„ 27, ...	0	...	...	0	...	...	3	c-str. / cum.	...	3	c-str. / cum.	...
„ 28, ...	7	cum.	NE	3	cum.	NE	10	cum. / cum.	NNE / ENE	6	c-str. / cum.	ENE
„ 29, ...	10	cum.	NE	2	cum.	NE	9	sm-cum. / cum.	NNW / N	2	cum.	W
„ 30, ...	9	cum.	W	8	nim.	...	6	sm-cum. / cum.	SW	7	c-str. / cum.	WSW
„ 31, ...	4	cum.	SW	5	cum.	SW	5	cum.	WSW	5	cum.	WSW
Means,...	5.7	...	...	6.2	...	...	8.0	...	...	7.4	...	...

TABLE VIII,—*Continued.*

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 p.			4 p.			7 p.			10 p.			Means.
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	
1909.													
July 1,...	9	cum.	SSW	8	cum.	SW	8	c-str. / cum.	SW	7	cum.	SW	8.9
,, 2,...	8	c-str. / cum.	SW	9	c-str. / cum.	SW	7	c-str. / cum.	SW	4	cum.	SW	7.9
,, 3,...	9	c-str. / cum.	SW	7	c-str. / cum.	SW	7	c-str.	...	6	c-str.	E	7.2
,, 4,...	8	c-str. / cum.	E / S	6	c-str. / cum.	E / SSW	8	c-str. / sm-cum. / cum.	E / SSW	3	c-str. / cum.	SSW	6.6
,, 5,...	5	c-str. / cum.	S	3	c-str. / cum.	...	1	cum.	...	3	c-str. / cum.	ESE	4.9
,, 6,...	8	c-str. / cum.	S	4	c-str. / cum.	S	2	c-str. / cum.	...	4	c-str. / cum.	S	5.0
,, 7,...	5	cum.	SE	3	cum.	ESE	2	c-str. / cum.	...	2	cum.	E	3.3
,, 8,...	5	c-str. / cum.	SSE	7	c-str. / cum.	SE	10	sm-cum.	SE	0	...	...	5.2
,, 9,...	8	c-str. / cum.	ESE	7	c-str. / cum.	E	7	cum.	E	7	cum.	E	6.3
,, 10,...	9	cum.	E	7	cum.	E	9	nim.	E	10	nim.	E	8.6
,, 11,...	10	cum.	SE	9	cum.	SE	10	cum-nim.	SE	10	nim.	...	9.5
,, 12,...	10	nim.	S	10	sm-cum. / cum.	S	9	sm-cum. / cum.	SSE	2	cum.	...	8.7
,, 13,...	5	cum.	SE	7	cum.	ESE	4	cum.	E	1	cum.	...	6.5
,, 14,...	10	nim.	E	10	nim.	E	10	cum.	E	9	cum.	ESE	7.9
,, 15,...	10	nim.	SE	10	nim.	SSE	10	nim.	SSE	10	cum.	SSE	9.3
,, 16,...	9	cum.	SE	10	cum.	S	10	c-str. / cum.	S	10	cum.	SSE	9.9
,, 17,...	6	c-str. / cum.	S	2	c-str. / cum	...	3	c-str.	...	0	...	...	4.9
,, 18,...	2	c-str. / cum.	...	1	c-str. / cum.	E	5	c-str. / cum.	E	4	c-str. / cum.	E	2.5
,, 19,...	10	cum.	ENE	7	cum.	E	8	cum.	ESE	10	cum-nim.	...	7.0
,, 20,...	10	cum. / nim.	ESE	10	cum.	SE	10	cum.	SE	7	cum.	SE	9.4
,, 21,...	8	c-str. / cum.	NNW / SE	10	nim.	SE	10	cum.	SE	3	cum.	SE	7.9
,, 22,...	5	c-str. / c-cum / cum.	...	10	sm-cum. / cum.	E	9	c-str. / sm-cum.	ESE	4	c-str.	...	6.1
,, 23,...	10	cum-nim.	E	10	c-str. / cum.	E	10	c-str. / cum.	E	9	cum.	E	8.9
,, 24,...	10	nim.	ESE	10	cum-nim.	ESE	10	cum-nim.	ESE	10	c-str. / cum.	SE	9.7
,, 25,...	6	c-str. / cum.	NNW / E	4	c-str. / cum.	NNW / E	7	c-str. / cum.	E	8	c-str. / cum.	E	6.9
,, 26,...	9	sm-cum. / cum.	SE / ENE	10	sm-cum.	ESE	10	sm-cum. / cum.	NE	10	sm-cum.	NE	7.3
,, 27,...	7	c-str. / cum.	N	9	c-str. / cum.	N	8	c-str. / sm-cum.	NE	10	nim.	NE	5.0
,, 28,...	7	c-str. / cum.	N	9	cum.	N	7	c-str. / cum.	N	10	c-str. / sm-cum.	N	7.4
,, 29,...	4	c-str. / cum.	...	4	c-str. / cum.	W	7	c-str. / cum.	W	8	sm-cum. / cum.	N / W	5.7
,, 30,...	4	c-str. / cum.	W	5	c-str. / cum.	W	10	c-str. / sm-cum.	...	8	c-str. / cum.	SW	7.1
,, 31,...	6	cum.	SW	8	c-str. / cum.	SW	7	cum.	SW	4	cum.	SW	5.5
Means,...	7.5	...	...	7.3	...	...	7.6	...	...	6.2	...	...	7.0

TABLE IX.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR THE MONTH OF JULY, 1909.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N −S	+E −W	
1 a.	0.7	9.8	2.7	0.2	− 2.0	+ 9.6	E 12° S
2 „	0.6	10.1	3.8	0.3	3.2	9.9	E 18° S
3 „	1.0	10.1	3.8	0.5	2.8	9.5	E 16° S
4 „	0.9	9.9	3.0	0.5	2.2	9.3	E 13° S
5 „	1.4	9.4	3.9	0.4	2.5	9.0	E 15° S
6 „	1.2	8.7	3.5	0.7	2.3	8.0	E 16° S
7 „	1.7	9.3	3.3	0.9	1.6	8.4	E 11° S
8 „	1.6	11.3	2.9	1.2	1.3	10.1	E 7° S
9 „	1.6	11.1	3.9	1.4	2.3	9.6	E 14° S
10 „	1.8	12.4	3.9	2.1	2.1	10.3	E 12° S
11 „	1.8	12.7	3.5	1.6	1.7	11.1	E 9° S
Noon.	1.7	12.7	3.5	1.6	1.9	11.0	E 10° S
1 p.	0.9	13.1	5.5	1.3	4.5	11.8	E 21° S
2 „	0.4	13.5	4.4	1.6	3.9	11.9	E 18° S
3 „	0.8	14.0	4.8	1.0	4.1	13.0	E 17° S
4 „	1.1	13.4	5.2	0.5	4.0	12.8	E 17° S
5 „	0.8	12.9	4.9	0.4	4.1	12.5	E 18° S
6 „	1.5	11.7	4.6	0.5	3.1	11.2	E 16° S
7 „	0.7	10.5	4.0	0.5	3.3	10.0	E 18° S
8 „	1.5	10.1	3.5	0.3	2.0	9.8	E 12° S
9 „	0.9	10.5	4.0	0.1	3.2	10.4	E 17° S
10 „	0.9	10.8	3.9	0.3	3.0	10.5	E 16° S
11 „	1.1	10.6	3.0	0.5	1.9	10.2	E 10° S
Midt.	0.6	10.5	3.3	0.4	− 2.7	+ 10.1	E 15° S
Means,.....	1.1	11.2	3.9	0.8	−2.74	+10.42	E 15° S

PHENOMENA :—

Solar halo :—on the 28th.

Lunar halo :—on the 24th, 27th and 28th.

Lunar Corona :—on the 5th, 6th, 26th, 27th and 29th.

Unusual visibility :—on the 4th, 5th, 7th, 18th and 22nd.

Dew :—on the 3rd, 4th, 5th, 7th, 17th, 18th, 26th, 27th, 29th and 31st.

Rainbow :—on the 8th, 9th, 10th, 13th, 17th, 19th, 21st and 28th.

Lightning without thunder :—on the 10th, 12th, 13th, 14th, 15th, 17th, 18th, 21st, 23rd, 25th, 26th and 27th.

Thunder without lightning :—on the 8th and 23rd.

Thunderstorms :—on the 16th 2.8a—3.30 a, in W, nearest at 2.18 a (13s) ; 19th 7.15p—8.30 p, in SE, distant; 22nd 5.29p—5.40p, in NW, distant; 24th 9.15a—9.40a, in N, distant; 28th 7.25p—8.40p, in NNE, distant; 29th 7p—9.30p, in NNE, distant; 30th 1.20a—3.32a, in NW, distant; 31st 5.2a—6.40a, in WNW, distant; 9.15a—9.30a, in SW, nearest at 9.20a (20s).

TABLE I.

BAROMETRIC PRESSURE, FOR THE MONTH OF AUGUST, 1909.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.
Aug. 1,...	29.613	29.601	29.596	29.601	29.598	29.602	29.616	29.626	29.639	29.645	29.635	29.624	29.599	29.576	29.555	29.545	29.542	29.543	29.559	29.568	29.576	29.594	29.590	29.586	29.593
„ 2,...	.576	.565	.553	.541	.540	.552	.559	.565	.571	.574	.569	.562	.528	.516	.504	.492	.481	.484	.511	.533	.559	.562	.570	.553	.542
„ 3,...	.542	.525	.524	.518	.520	.536	.548	.571	.583	.597	.595	.576	.553	.549	.522	.520	.510	.518	.536	.566	.587	.608	.614	.606	.555
„ 4,...	.601	.588	.581	.584	.588	.593	.611	.612	.611	.616	.614	.603	.586	.566	.555	.554	.551	.568	.581	.591	.607	.620	.618	.614	.592
„ 5,...	.596	.584	.574	.584	.585	.606	.600	.623	.641	.633	.633	.619	.616	.588	.576	.563	.564	.560	.579	.597	.615	.634	.636	.633	.602
„ 6,...	.612	.601	.590	.589	.587	.594	.611	.626	.625	.642	.632	.630	.624	.605	.596	.590	.589	.599	.617	.634	.649	.659	.653	.645	.617
„ 7,...	.624	.614	.610	.614	.611	.615	.629	.633	.647	.650	.644	.636	.624	.608	.587	.572	.569	.582	.604	.612	.633	.618	.621	.616	.616
„ 8,...	.609	.603	.600	.592	.601	.604	.606	.616	.616	.641	.638	.628	.609	.605	.579	.576	.578	.585	.604	.605	.626	.638	.639	.635	.610
„ 9,...	.617	.611	.598	.595	.602	.613	.619	.624	.628	.641	.647	.636	.633	.621	.615	.603	.593	.606	.612	.630	.638	.640	.635	.625	.620
„ 10,...	.607	.597	.589	.591	.594	.590	.600	.611	.620	.639	.634	.623	.610	.584	.568	.555	.545	.560	.565	.589	.609	.625	.617	.603	.597
„ 11,...	.578	.559	.553	.549	.545	.559	.572	.572	.583	.582	.568	.569	.558	.533	.518	.516	.509	.517	.525	.557	.577	.580	.581	.571	.555
„ 12,...	.555	.529	.527	.528	.529	.538	.556	.579	.596	.605	.599	.592	.572	.542	.528	.531	.537	.544	.565	.592	.596	.601	.612	.612	.565
„ 13,...	608	.608	.604	.610	.626	.648	.667	.685	.686	.689	.688	.686	.677	.678	.670	.667	.667	.677	.689	.685	.700	.718	.717	.720	.670
„ 14,...	.714	.709	.707	.699	.712	.729	.738	.751	.762	.767	.755	.748	.740	.714	.698	.688	.690	.701	.708	.729	.741	.751	.747	.738	.727
„ 15,...	.715	.698	.695	.691	.694	.702	.708	.713	.721	.720	.714	.706	.682	.664	.648	.626	.625	.622	.634	.653	.654	.660	.661	.656	.678
„ 16,...	.642	.640	.632	.624	.629	.640	.648	.654	.652	.645	.635	.627	.597	.576	.556	.544	.541	.553	.563	.571	.588	.586	.591	.588	.605
„ 17,...	.584	.577	.562	.564	.569	.578	.600	.604	.614	.624	.607	.600	.596	.576	.549	.551	.552	.559	.585	.605	.619	.627	.633	.630	.590
„ 18,...	.630	.619	.626	.627	.636	.647	.660	.685	.697	.704	.701	.695	.672	.660	.645	.635	.635	.638	.664	.687	.707	.721	.721	.719	.668
„ 19,...	.721	.711	.711	.710	.707	.714	.729	.748	.766	.773	.766	.751	.733	.713	.690	.674	.671	.676	.690	.710	.731	.748	.742	.746	.722
„ 20,...	.734	.725	.719	.715	.710	.713	.730	.731	.738	.736	.736	.722	.701	.682	.666	.659	.654	.660	.673	.701	.722	.737	.736	.725	.709
„ 21,...	.712	.696	.686	.688	.698	.704	.716	.728	.734	.746	.737	.731	.720	.710	.698	.690	.687	.695	.706	.722	.738	.749	.748	.744	.716
„ 22,...	.741	.737	.724	.725	.732	.735	.755	.758	.766	.769	.770	.755	.737	.717	.699	.706	.688	.686	.704	.725	.737	.748	.749	.742	.734
„ 23,...	.730	.722	.715	.723	.720	.743	.754	.756	.766	.764	.744	.733	.707	.699	.686	.703	.699	.716	.733	.750	.757	.771	.779	.783	.736
„ 24,...	.763	.749	.751	.753	.765	.787	.797	.814	.809	.818	.809	.801	.788	.767	.756	.745	.741	.759	.759	.782	.816	.834	.838	.830	.784
„ 25,...	.812	.801	.784	.779	.778	.791	.805	.822	.827	.826	.822	.812	.793	.772	.759	.747	.739	.726	.749	.773	.795	.807	.813	.801	.789
„ 26,...	.732	.767	.751	.739	.746	.761	.783	.803	.811	.817	.809	.802	.774	.751	.734	.720	.709	.714	.734	.761	.777	.782	.776	.763	.765
„ 27,...	.748	.740	.726	.731	.743	.751	.765	.781	.795	.797	.790	.774	.754	.741	.728	.704	.706	.715	.726	.747	.758	.772	.777	.771	.752
„ 28,...	.754	.742	.733	.733	.732	.746	.764	.775	.783	.790	.788	.778	.763	.748	.732	.719	.717	.731	.745	.770	.792	.805	.802	.792	.760
„ 29,...	.775	.754	.751	.743	.746	.748	.771	.786	.801	.807	.805	.794	.787	.766	.748	.743	.736	.750	.773	.786	.823	.828	.820	.807	.777
„ 30,...	.785	.770	.759	.764	.768	.778	.796	.812	.619	.821	.823	.814	.786	.764	.733	.719	.721	.731	.746	.771	.782	.794	.803	.793	.777
„ 31,...	.784	.766	.758	.754	.758	.773	.785	.799	.816	.820	.809	.793	.766	.741	.716	.706	.703	711	.732	.762	.784	.790	.782	.772	.766
Means,.....	29.673	29.662	29.654	29.653	29.657	29.667	29.681	29.692	29.701	29.706	29.701	29.691	29.674	29.656	29.639	29.631	29.627	29.635	29.651	29.670	29.687	29.697	29.697	29.691	29.671

TABLE II.

TEMPERATURE, FOR THE MONTH OF AUGUST, 1909.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.	Max.	Min.
Aug. 1,	82.9	82.8	82.8	82.2	82.2	82.3	84.1	84.9	85.0	85.9	88.9	89.3	89.7	86.8	86.3	87.1	85.9	85.7	84.8	84.1	83.8	83.7	83.1	83.2	84.9	89.7	81.9
„ 2,	82.8	82.8	82.7	82.3	82.1	82.2	83.1	83.2	86.3	87.1	87.1	88.4	89.1	90.1	90.2	87.6	86.3	85.1	85.0	84.4	79.4	79.9	80.2	79.4	84.5	90.5	79.1
„ 3,	79.2	79.8	80.2	80.0	79.8	80.1	80.3	79.3	77.4	78.6	78.3	80.4	82.1	83.1	83.4	84.6	84.1	83.3	82.1	81.1	82.0	81.3	81.0	80.9	80.9	84.7	77.4
„ 4,	80.9	80.7	80.6	80.4	80.5	80.2	82.2	83.9	83.0	85.1	86.5	87.4	89.7	90.1	89.3	87.0	85.9	84.6	83.9	84.1	83.6	83.1	83.3	83.0	84.1	90.1	80.2
„ 5,	82.9	82.7	82.2	82.0	80.1	78.7	78.7	79.0	80.1	80.2	80.1	81.6	82.6	83.1	83.9	82.9	83.1	82.6	81.3	81.0	81.0	81.0	78.9	78.6	81.2	83.9	78.6
„ 6,	78.9	79.0	79.0	78.9	78.8	78.8	80.1	81.9	76.9	77.0	77.9	79.1	81.1	80.4	81.3	83.1	80.4	80.2	79.6	79.4	79.4	79.1	77.8	78.4	79.4	83.1	76.7
„ 7,	78.0	78.3	78.0	77.8	77.6	78.1	80.1	80.2	81.3	82.1	81.4	79.4	80.9	82.1	79.9	80.5	81.1	80.3	79.3	79.4	79.1	78.5	78.9	78.6	79.6	83.9	77.6
„ 8,	78.4	78.4	78.8	78.9	79.5	79.9	79.8	81.1	82.8	83.2	84.1	83.2	83.7	83.1	85.7	84.9	82.9	82.5	82.2	82.4	82.6	83.2	74.9	76.7	81.4	86.0	74.9
„ 9,	76.9	79.0	79.4	79.7	79.8	79.8	80.1	82.1	84.3	84.2	81.3	83.3	79.1	78.4	79.4	81.1	83.1	83.1	83.1	83.1	83.0	83.2	82.9	83.3	81.4	84.9	76.4
„ 10,	83.0	83.1	82.9	83.1	83.1	82.7	79.0	82.9	82.9	83.8	84.2	84.3	85.1	84.9	86.1	85.3	85.1	84.6	83.8	83.8	83.8	83.9	83.9	83.8	83.7	86.7	79.0
„ 11,	83.8	83.7	83.6	83.4	83.1	83.1	84.1	83.9	84.5	84.9	85.2	85.7	85.4	85.8	85.1	83.7	83.2	82.3	81.9	81.9	81.8	81.4	81.1	80.9	83.5	85.8	80.9
„ 12,	77.4	81.4	82.3	82.4	82.1	82.7	82.6	81.5	81.1	79.2	80.1	82.7	84.2	82.7	83.5	83.5	83.6	83.3	83.1	83.1	82.8	82.2	82.8	82.8	82.2	84.3	77.4
„ 13,	82.6	82.7	82.2	82.0	82.4	82.6	82.3	83.4	85.2	83.8	82.0	81.9	79.6	78.9	79.5	79.9	80.3	79.4	79.3	79.0	79.1	79.1	79.1	79.5	81.1	85.7	78.8
„ 14,	80.3	80.5	80.9	80.7	82.0	81.3	79.8	81.5	82.8	83.1	83.9	86.7	86.1	87.0	87.4	86.2	85.3	84.1	83.0	82.8	82.1	82.3	81.8	82.2	83.1	87.5	79.6
„ 15,	81.9	82.1	81.8	81.4	81.0	81.6	81.9	83.9	84.1	85.1	86.3	86.1	86.1	85.6	86.4	85.7	85.7	84.1	82.7	82.2	82.3	82.3	82.2	82.0	83.5	86.9	80.0
„ 16,	81.9	81.7	81.6	81.3	81.1	81.8	83.1	83.8	84.7	85.3	86.2	85.6	87.9	88.1	87.7	86.4	85.9	84.1	84.2	82.9	82.7	82.8	82.6	82.4	84.0	88.1	80.8
„ 17,	82.3	82.0	82.4	82.4	82.1	82.1	82.8	83.1	84.1	85.8	86.4	86.6	88.1	87.3	86.9	86.3	87.1	84.4	83.9	83.4	83.1	82.8	82.8	82.8	84.2	88.1	81.6
„ 18,	82.6	82.7	82.8	82.5	82.3	82.2	82.7	83.5	84.9	85.3	86.8	86.4	89.1	89.9	90.3	88.6	87.7	85.0	83.4	83.1	83.1	82.5	82.2	82.1	84.7	90.3	81.7
„ 19,	81.9	81.9	82.1	82.0	81.8	81.6	82.2	82.5	83.4	84.2	86.0	86.3	89.0	89.1	89.2	88.1	85.8	84.2	82.6	82.1	81.9	81.2	80.6	80.0	83.7	89.4	80.0
„ 20,	79.9	79.9	79.0	78.7	78.7	78.6	80.4	82.8	83.4	84.6	85.2	83.4	87.7	86.3	86.0	84.5	85.2	84.0	82.8	82.3	82.1	81.9	80.9	80.4	82.4	88.0	77.9
„ 21,	79.9	80.8	79.7	79.9	79.3	78.9	82.9	83.2	85.2	86.2	87.2	88.5	87.4	85.2	86.3	88.1	86.9	84.4	83.6	83.2	82.9	82.2	81.2	80.9	83.5	88.7	78.9
„ 22,	80.4	80.9	80.5	79.9	79.9	80.3	80.2	81.8	84.2	85.7	83.4	82.4	83.4	84.2	84.8	83.9	83.2	82.6	82.2	82.7	82.9	82.4	81.8	81.9	82.3	86.5	79.9
„ 23,	81.9	82.0	80.9	79.9	78.6	76.9	77.2	78.4	80.8	83.0	85.2	84.2	85.2	85.5	85.6	84.2	83.3	83.2	82.7	82.3	81.9	81.5	81.7	81.6	82.0	87.2	76.3
„ 24,	81.8	81.3	80.5	79.8	79.4	75.5	77.7	78.2	80.2	83.0	86.6	88.0	87.4	87.9	85.1	84.3	83.2	83.2	82.1	81.4	81.0	80.9	81.0	79.9	82.1	88.9	75.5
„ 25,	80.0	79.5	79.3	79.1	79.2	79.1	82.0	84.2	85.8	84.2	86.0	87.4	85.9	85.2	87.6	86.9	85.4	83.7	82.8	81.9	80.9	80.9	80.8	80.0	82.8	87.9	78.7
„ 26,	79.8	79.5	79.1	78.8	79.0	78.2	79.7	83.0	84.0	85.7	87.4	87.8	83.2	87.9	88.6	87.5	86.6	84.7	83.2	83.2	82.4	81.8	80.8	80.4	83.2	88.6	78.2
„ 27,	80.7	80.5	79.9	79.7	78.6	79.6	82.2	84.0	85.2	85.5	87.0	87.8	88.6	89.2	89.0	88.4	86.7	85.0	83.5	83.5	82.2	81.8	81.0	80.7	83.8	89.8	78.6
„ 28,	81.0	80.4	79.7	79.2	79.3	80.0	81.2	83.4	85.8	86.5	87.0	87.7	86.4	86.9	85.2	84.5	84.5	83.7	82.9	82.7	82.0	82.0	81.5	80.9	83.1	88.0	79.2
„ 29,	79.9	80.3	80.0	80.1	79.9	79.9	83.6	85.8	87.0	86.4	88.2	89.2	87.6	87.2	86.2	86.2	85.0	84.0	82.5	82.0	81.8	81.2	81.3	80.9	83.6	89.2	79.8
„ 30,	80.2	79.9	79.6	79.3	79.3	79.8	81.2	82.6	84.8	87.2	89.4	88.2	88.8	89.6	89.0	88.7	88.0	85.2	83.0	82.3	82.2	81.6	81.6	81.2	83.9	89.9	79.3
„ 31,	80.5	79.8	79.7	79.5	79.2	79.8	81.9	82.9	84.2	85.9	86.5	87.5	88.9	89.2	90.2	86.8	85.1	84.8	83.2	81.9	82.3	81.4	80.8	80.4	83.4	90.2	79.2
Means,	80.8	81.0	80.8	80.6	80.4	80.3	81.3	82.4	83.4	84.1	84.9	85.4	85.9	85.8	86.0	85.4	84.7	83.6	82.7	82.3	82.0	81.7	81.1	81.0	82.8	87.5	78.8

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION, FOR THE MONTH OF AUGUST, 1909.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.	Solar Max.
Aug. 1, ...	79.1	79.0	79.1	78.8	78.8	78.8	79.4	79.8	79.4	79.6	81.0	80.6	80.9	79.9	79.8	80.3	80.0	80.1	79.9	79.8	79.5	79.3	79.2	79.3	79.6	136.7
" 2, ...	78.9	79.3	78.8	78.2	78.0	77.9	78.2	78.6	80.2	80.0	80.0	81.0	80.8	81.3	81.8	80.6	80.6	79.6	79.8	79.8	75.0	76.7	76.6	76.6	79.1	135.9
" 3, ...	76.4	76.6	76.5	77.1	77.3	76.8	77.5	75.0	75.9	75.8	77.3	76.1	77.8	78.8	78.3	78.9	78.3	78.8	78.3	77.8	78.1	78.8	78.6	78.4	77.5	110.3
" 4, ...	78.4	78.5	78.5	78.2	78.9	77.9	78.7	80.2	78.5	79.3	80.1	79.8	81.8	80.8	81.0	79.7	79.5	79.0	79.3	79.4	79.5	79.6	79.5	80.2	79.4	136.1
" 5, ...	79.7	79.7	79.9	78.7	77.2	76.5	76.8	77.3	77.8	77.6	77.6	78.6	78.6	77.8	78.5	78.0	78.6	78.0	78.5	78.6	78.5	78.7	76.7	76.7	78.1	118.8
" 6, ...	77.0	76.9	77.1	76.7	76.6	76.5	77.8	78.5	75.8	75.4	75.6	77.3	78.0	78.0	78.4	77.3	77.1	76.0	76.8	76.5	76.9	76.5	76.2	76.6	76.9	106.0
" 7, ...	76.5	76.6	76.5	75.8	75.9	76.6	77.3	77.4	78.8	78.8	77.5	76.1	78.0	78.8	77.6	76.9	77.7	76.3	75.3	76.0	76.5	76.6	76.2	76.2	77.0	123.8
" 8, ...	76.6	76.3	76.2	76.5	76.6	76.2	77.1	77.4	78.9	78.6	77.8	78.0	78.2	77.8	79.4	78.5	77.8	77.2	77.8	78.7	79.2	79.6	72.5	74.9	77.4	141.1
" 9, ...	74.7	76.5	77.6	77.2	76.8	77.0	77.8	79.8	80.8	80.8	78.0	78.8	76.5	76.9	77.9	78.9	79.1	79.3	79.5	79.5	79.6	79.8	79.6	79.6	78.4	131.7
" 10, ...	79.9	79.7	80.0	79.9	80.0	80.3	77.7	79.9	80.0	79.8	80.0	79.8	79.8	79.4	80.1	79.9	78.6	78.6	79.5	79.5	79.5	79.6	79.7	79.6	79.6	135.8
" 11, ...	79.6	79.6	79.6	78.6	79.8	79.1	79.8	79.5	79.6	79.6	78.8	79.8	79.8	78.1	79.2	78.1	78.6	77.3	77.5	77.9	77.8	78.3	78.5	78.0	78.9	138.0
" 12, ...	76.6	78.7	79.3	80.0	78.8	80.1	78.9	77.6	77.9	77.7	78.0	79.8	79.8	80.4	80.0	79.8	79.2	78.5	78.3	78.8	79.2	79.0	78.7	78.4	78.9	118.8
" 13, ...	78.4	78.5	78.3	78.1	78.4	78.8	79.6	79.1	79.8	79.5	78.2	78.8	76.8	77.8	78.2	77.9	78.6	77.4	77.0	77.8	77.9	77.8	77.6	77.6	78.2	123.8
" 14, ...	77.6	78.4	78.6	78.7	78.8	78.8	78.4	79.4	79.8	80.0	79.8	80.8	79.1	79.6	80.5	80.4	78.8	78.1	78.8	78.6	78.8	78.0	79.0	78.5	79.1	133.2
" 15, ...	78.5	78.4	78.5	78.5	78.8	78.8	79.4	80.2	79.8	79.8	81.4	80.8	79.6	79.8	78.1	78.0	78.7	78.8	78.8	78.0	77.9	78.0	78.1	78.1	78.9	137.4
" 16, ...	78.2	78.0	77.7	78.1	78.3	78.6	78.5	79.8	79.4	79.6	79.1	78.8	79.4	78.8	78.6	77.8	77.8	78.0	76.7	78.2	78.6	78.8	78.6	79.2	78.5	137.3
" 17, ...	78.9	78.7	78.7	78.7	78.7	78.7	79.0	79.5	79.8	79.8	79.5	79.9	80.2	80.3	80.2	79.8	80.8	78.9	78.4	78.6	78.6	78.6	78.5	78.6	79.2	136.2
" 18, ...	78.7	78.7	78.7	78.8	79.0	79.6	79.8	79.8	79.9	80.4	80.5	79.5	81.0	81.8	81.8	81.6	81.0	80.0	79.8	78.8	79.4	79.6	79.6	79.3	79.9	135.6
" 19, ...	78.6	78.5	78.7	78.2	78.8	78.3	78.5	79.1	78.5	78.8	76.9	78.0	79.0	79.8	80.1	78.2	78.0	78.8	77.8	77.9	77.7	77.6	77.3	76.8	78.3	135.9
" 20, ...	76.8	76.6	76.5	76.4	76.2	76.9	77.2	77.5	77.7	78.1	78.4	78.7	78.9	77.5	77.7	78.4	78.9	78.6	78.6	77.8	77.6	77.8	77.7	77.7	77.7	138.1
" 21, ...	77.8	77.6	77.3	77.4	77.6	77.4	78.6	78.6	78.2	76.8	77.9	78.2	79.2	78.6	80.9	79.4	79.2	77.9	78.4	78.3	78.1	78.3	78.0	77.9	78.2	138.6
" 22, ...	77.7	78.7	78.7	77.7	77.7	77.6	77.5	76.5	78.9	79.5	76.9	76.1	78.1	77.9	78.7	78.5	78.0	77.4	77.9	78.5	78.7	78.6	78.5	77.5	78.0	140.2
" 23, ...	77.5	77.7	77.2	77.4	77.0	75.8	75.9	76.9	78.2	78.1	79.9	79.1	78.2	78.7	76.9	77.7	77.6	77.9	78.1	77.7	78.7	78.7	78.1	77.8	77.8	139.7
" 24, ...	78.1	77.7	78.1	77.9	78.0	73.9	74.7	75.3	76.8	77.2	79.9	79.9	77.3	78.6	77.6	78.1	78.1	78.0	77.4	77.4	77.9	77.7	78.6	77.9	77.6	140.2
" 25, ...	78.0	77.7	77.6	77.6	77.5	77.1	78.5	79.7	78.9	78.9	79.1	79.3	79.1	78.1	76.9	77.1	76.8	77.5	76.7	77.8	77.7	77.2	77.8	77.3	77.9	135.7
" 26, ...	77.4	77.6	77.2	77.4	76.8	75.9	77.2	79.1	79.4	77.7	78.2	79.7	78.6	77.9	77.3	77.9	77.3	77.4	77.4	77.2	76.9	77.3	76.7	77.5	77.6	132.8
" 27, ...	77.5	77.7	77.3	76.9	76.2	77.0	78.9	79.5	78.9	78.3	79.1	79.5	75.8	75.7	76.9	76.1	75.2	75.9	76.7	76.7	76.7	76.7	76.6	77.4	77.2	132.8
" 28, ...	77.2	77.4	77.5	77.2	77.1	77.2	77.9	79.9	79.3	79.5	79.3	79.7	78.3	79.9	78.2	77.9	78.4	79.3	78.9	78.2	77.9	78.6	78.3	78.6	78.4	140.9
" 29, ...	78.1	77.7	77.9	77.6	77.1	77.5	79.1	79.5	80.3	78.6	79.0	79.9	79.6	79.2	78.2	77.9	78.0	77.9	78.4	77.9	77.7	77.9	78.0	77.6	78.4	135.5
" 30, ...	77.7	77.6	77.4	77.1	77.2	77.4	77.7	77.9	78.0	78.1	79.2	78.4	79.1	80.9	79.2	79.6	79.7	77.1	76.3	77.0	77.9	78.0	78.5	78.3	78.1	134.9
" 31, ...	78.3	77.5	77.5	77.2	77.5	77.0	78.4	78.1	78.8	78.7	78.0	77.9	77.9	78.5	78.7	77.5	77.0	77.6	77.7	77.0	75.9	76.4	77.2	76.6	77.6	132.2
Means, ...	77.9	78.0	78.0	77.8	77.8	77.6	78.1	78.6	78.8	78.7	78.8	79.0	78.9	78.9	78.9	78.6	78.5	78.1	78.1	78.1	78.1	78.2	77.9	77.9	78.3	132.7

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR, FOR THE MONTH OF AUGUST, 1909.

Hours.	Hourly Means.		Date.	Daily Means.	
	Humidity.	Tension.		Humidity.	Tension.
			1909.		
1 a.	87	0.919	Aug. 1,.....	78	0.941
2 „	87	.920	„ 2,.....	77	.923
3 „	88	.923	„ 3,.....	85	.899
4 „	88	.917	„ 4,.....	80	.942
5 „	89	.919	„ 5,.....	87	.922
6 „	88	.912	„ 6,.....	89	.892
7 „	86	.920	„ 7,.....	89	.894
8 „	84	.928	„ 8,.....	83	.887
9 „	81	.924	„ 9,.....	87	.933
10 „	77	.910	„ 10,.....	83	.957
11 „	76	.903	„ 11,.....	81	.927
Noon.	74	.905	„ 12,.....	86	.945
1 p.	72	.895	„ 13,.....	87	.928
2 „	72	.896	„ 14,.....	83	.941
3 „	72	.893	„ 15,.....	81	.927
4 „	73	.888	„ 16,.....	77	.902
5 „	75	.892	„ 17,.....	79	.932
6 „	77	.889	„ 18,.....	80	.957
7 „	81	.901	„ 19,.....	77	.897
8 „	82	.906	„ 20,.....	80	.887
9 „	83	.911	„ 21,.....	78	.895
10 „	85	.919	„ 22,.....	82	.902
11 „	86	.914	„ 23,.....	82	.897
Midt.	87	.915	„ 24,.....	81	.887
			„ 25,.....	79	.891
			„ 26,.....	77	.872
			„ 27,.....	73	.846
			„ 28,.....	80	.910
			„ 29,.....	78	.903
			„ 30,.....	76	.885
			„ 31,.....	76	.869
Mean, ...	81	0.909	Mean, ...	81	0.909

TABLE V.

DURATION OF SUNSHINE.

Date.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Sums.
1909.														
Aug. 1,.....	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	11.5
„ 2,.....	0.1	0.5	0.8	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.9	...	...	9.2
„ 3,.....	...	...	...	...	...	...	...	...	...	...	0.4	...	0.4	0.8
„ 4,.....	0.3	0.6	0.8	0.5	1.0	0.9	1.0	1.0	1.0	1.0	0.1	...	...	8.2
„ 5,.....	...	...	...	...	...	...	...	...	0.2	...	...	...	...	0.2
„ 6,.....	...	...	0.3	...	...	...	...	...	...	...	...	...	...	0.3
„ 7,.....	...	0.1	...	...	0.3	0.4	...	...	...	...	0.3	0.4	...	1.5
„ 8,.....	...	0.3	...	...	...	0.3	0.2	0.9	0.4	0.5	0.7	...	...	3.3
„ 9,.....	...	0.5	1.0	0.9	0.6	...	...	...	...	...	...	...	...	3.0
„ 10,.....	...	...	...	...	...	...	...	0.8	0.9	1.0	1.0	0.3	...	4.0
„ 11,.....	...	...	0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.6	0.1	...	8.3
„ 12,.....	...	...	...	...	...	...	...	0.1	...	...	...	...	...	0.1
„ 13,.....	...	0.1	0.9	0.9	...	...	...	...	...	...	...	...	...	1.9
„ 14,.....	...	...	...	...	...	0.5	1.0	0.9	1.0	1.0	1.0	1.0	0.3	6.7
„ 15,.....	...	0.6	1.0	1.0	1.0	1.0	0.9	1.0	0.9	0.9	1.0	1.0	0.4	10.7
„ 16,.....	...	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.1	10.6
„ 17,.....	...	...	...	1.0	1.0	1.0	1.0	0.6	0.5	0.6	0.6	0.9	...	7.2
„ 18,.....	...	...	...	1.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.6	...	8.4
„ 19,.....	...	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	...	9.8
„ 20,.....	...	0.4	1.0	1.0	1.0	1.0	1.0	0.9	0.6	0.8	...	0.9	0.3	8.9
„ 21,.....	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.9	0.2	11.1
„ 22,.....	...	0.1	1.0	1.0	1.0	0.5	0.1	0.2	...	0.4	...	0.1	...	4.4
„ 23,.....	...	...	...	...	0.9	0.5	0.6	1.0	1.0	1.0	0.4	0.3	...	5.7
„ 24,.....	...	...	...	...	0.9	1.0	1.0	1.0	1.0	...	...	...	...	4.9
„ 25,.....	0.2	1.0	1.0	1.0	0.8	0.9	1.0	1.0	1.0	1.0	1.0	1.0	...	10.9
„ 26,.....	...	0.4	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	10.6
„ 27,.....	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	11.2
„ 28,.....	0.1	0.9	1.0	1.0	1.0	1.0	1.0	0.9	1.0	0.7	0.1	0.6	...	9.3
„ 29,.....	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	...	10.9
„ 30,.....	...	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	11.3
„ 31,.....	0·2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	...	10.4
Sums,.....	1.6	12.7	18.4	20.2	21.3	21.0	20.8	22.3	21.4	20.8	18.1	14.0	2.7	215.3

TABLE VI.

RAINFALL FOR THE MONTH OF AUGUST, 1909.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Sums.	Duration. Hours.
Aug. 1,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 2,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.200	0.400	...	...	...	0.600	1
" 3,	...	...	...	...	...	...	...	...	0.100	0.010	0.015	...	...	...	...	...	...	...	...	...	...	...	...	...	0.125	2
" 4,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 5,	...	...	...	...	0.030	0.140	0.040	0.005	...	...	...	...	...	...	...	...	...	...	...	0.005	...	0.040	0.050	0.015	0.345	7
" 6,	0.020	0.010	0.025	0.010	...	...	...	0.020	0.615	0.090	0.105	0.035	...	...	0.010	...	...	...	...	...	0.035	0.075	0.005	...	1.055	8
" 7,	...	0.005	...	0.005	0.005	...	...	...	...	...	...	0.020	0.020	0.005	...	...	...	...	...	...	...	...	...	0.025	0.085	2
" 8,	...	...	...	0.005	...	...	0.005	...	...	...	...	0.010	...	...	...	...	...	...	...	...	...	0.290	0.370	0.010	0.690	3
" 9,	0.005	0.005	0.010	...	...	...	...	...	...	0.060	...	...	0.260	0.270	0.055	...	...	...	...	...	...	...	...	...	0.665	4
" 10,	...	...	...	...	0.015	0.075	0.295	...	...	...	...	...	...	0.020	...	...	...	...	...	...	...	...	...	...	0.405	1
" 11,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.010	...	...	...	...	...	...	...	0.040	0.550	0.600	1
" 12,	0.645	0.015	0.005	...	...	...	...	0.120	0.390	0.400	...	0.010	...	0.135	...	...	...	...	...	...	...	...	...	...	1.720	3
" 13,	...	0.025	0.020	...	...	0.005	...	...	...	0.005	...	...	0.100	0.275	0.050	...	...	...	...	...	...	...	...	0.010	0.790	3
" 14,	0.045	0.020	0.100	...	...	0.020	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.185	1
" 15,	...	...	...	...	...	0.020	...	...	...	...	0.010	0.010	...	...	...	...	...	...	...	...	...	...	...	...	0.040	1
" 16,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 17,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 18,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 19,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 20,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 21,	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	...	...	...	...	...	...	...	...	...	...	0.005	...
" 22,	...	...	0.015	...	...	...	0.010	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.025	...
" 23,	...	...	0.010	0.010	...	0.705	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.725	1
" 24,	...	...	...	...	...	0.240	0.010	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.250	1
" 25,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 26,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 27,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 28,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 29,	0.030	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.030	...
" 30,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 31,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	0.745	0.080	0.185	0.030	0.070	1.205	0.360	0.145	1.105	0.565	0.130	0.085	0.680	0.710	0.125	...	...	...	...	0.205	0.435	0.405	0.465	0.610	8.340	39

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND, FOR THE MONTH OF AUGUST, 1909.

Date.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.		7 a.		8 a.		9 a.		10 a.		11 a.		Noon.		1 p.		2 p.		3 p.		4 p.		5 p.		6 p.		7 p.		8 p.		9 p.		10 p.		11 p.		Midt.		Vel.		Dir.
	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Sums.	Means.	Means.
Aug. 1,	20	8	21	9	21	10	20	7	20	8	22	7	23	9	21	11	20	9	20	9	20	11	19	14	18	14	18	13	18	13	19	12	18	12	17	7	18	4	16	3	20	5	17	2	19	3	20	7	207	8.6	19
„ 2,	20	5	19	7	20	9	20	9	20	11	20	12	19	12	20	11	19	10	20	11	19	12	20	11	18	10	22	9	22	8	21	12	19	11	17	5	17	7	18	8	7	8	...	0	32	7	21	6	211	8.8	20
„ 3,	...	0	23	2	...	0	23	2	28	3	22	4	..	0	21	10	25	7	28	4	28	2	21	2	21	3	26	4	26	5	26	6	24	5	16	3	16	2	...	0	14	4	14	2	...	1	14	3	74	3.1	23
„ 4,	15	3	15	2	...	1	12	2	12	2	12	2	...	0	12	2	25	6	26	5	22	7	26	6	24	8	24	9	23	8	23	7	16	3	17	5	16	4	16	3	...	1	...	0	...	1	...	0	87	3.6	22
„ 5,	...	0	16	2	27	3	28	8	...	1	27	7	27	2	...	0	27	4	25	10	24	7	24	5	23	6	23	6	24	5	24	5	16	6	17	2	20	4	24	3	...	1	24	2	24	4	24	2	95	4.0	24
„ 6,	24	3	24	5	11	8	9	9	8	11	9	12	8	11	8	8	13	6	8	5	4	5	4	3	8	6	15	11	15	6	15	4	15	4	15	2	...	0	15	3	8	4	12	2	...	0	3	2	130	5.4	10
„ 7,	13	3	...	0	13	2	...	1	7	5	9	4	7	7	8	8	8	13	8	14	14	15	15	6	14	5	16	3	22	9	23	7	21	7	17	7	24	5	20	6	22	4	22	2	...	1	30	2	136	5.7	14
„ 8,	...	1	...	1	...	0	20	8	22	10	21	12	26	7	26	5	21	7	21	8	20	9	18	17	18	18	19	19	19	16	20	17	21	10	20	13	19	10	19	10	17	8	18	12	25	13	4	2	233	9.7	20
„ 9,	4	3	22	7	27	6	20	7	21	11	24	6	30	5	27	6	26	8	24	8	18	11	18	15	24	18	29	4	32	2	7	5	17	17	19	17	18	15	19	19	19	19	19	17	19	18	19	21	265	11.0	20
„ 10,	19	19	19	16	19	20	19	18	19	16	19	17	28	18	20	25	20	24	20	21	19	18	19	23	18	20	18	27	18	23	19	23	19	22	19	19	18	16	16	16	18	16	18	17	19	15	18	18	467	19.5	19
„ 11,	18	23	18	22	19	18	18	22	18	22	19	22	18	23	18	23	18	32	16	27	18	34	17	27	18	28	18	30	19	32	19	27	19	17	19	16	20	11	21	10	22	8	23	6	21	6	19	17	506	21.1	18
„ 12,	22	17	20	18	20	24	19	22	19	23	20	19	19	18	17	22	18	23	20	15	24	9	18	17	19	24	20	24	19	26	19	23	19	19	15	19	19	18	19	14	17	12	18	12	17	13	19	14	445	18.5	19
„ 13,	17	15	18	14	19	20	19	20	19	20	20	15	21	14	19	12	19	10	19	13	24	13	28	7	31	11	1	2	...	1	...	0	...	0	29	2	...	1	29	3	8	8	8	5	...	0	...	1	207	8.6	20
„ 14,	19	2	18	10	18	15	19	12	20	20	21	11	29	9	29	4	29	5	25	3	28	6	24	8	22	11	19	13	19	13	17	11	18	11	17	8	19	9	18	6	18	2	18	4	19	3	20	8	204	8.5	20
„ 15,	17	9	19	7	20	13	20	12	21	14	21	8	23	7	24	8	28	7	23	8	22	9	19	13	19	12	19	16	19	22	19	19	19	12	18	9	18	7	18	11	19	12	19	10	18	7	19	11	263	11.0	20
„ 16,	19	9	21	11	21	14	21	14	21	11	20	15	20	18	20	14	20	17	20	22	20	21	19	23	19	23	20	22	18	18	19	20	19	21	20	16	21	13	19	11	19	8	19	7	19	6	19	11	365	15.2	20
„ 17,	19	12	20	14	20	14	20	15	19	15	19	15	20	13	20	15	19	17	19	18	19	23	19	22	20	16	20	20	20	17	20	13	20	8	17	10	18	8	18	9	18	6	17	7	18	11	18	9	327	13.6	19
„ 18,	20	5	19	6	18	12	19	15	19	13	20	10	20	10	20	9	20	11	20	11	20	12	18	14	20	14	19	12	18	8	18	8	16	5	16	10	15	7	16	8	...	1	8	3	15	2	...	1	207	8.6	19
„ 19,	15	2	19	3	20	6	19	5	19	3	20	6	23	7	26	5	24	7	24	10	20	10	21	10	22	10	24	9	22	5	20	7	16	8	16	5	16	5	...	1	...	1	...	1	16	2	...	1	129	5.4	21
„ 20,	...	1	...	1	...	1	...	1	...	1	12	3	...	1	12	2	12	3	26	5	28	6	27	10	27	9	27	4	8	7	16	5	16	9	15	7	15	5	17	3	17	2	...	0	...	0	...	0	86	3.6	19
„ 21,	...	1	...	1	...	1	...	0	19	2	...	1	19	2	18	3	15	7	16	10	14	6	16	8	20	10	16	9	14	5	18	7	20	7	18	2	18	3	...	1	18	2	...	1	18	2	...	0	91	3.8	17
„ 22,	...	0	...	1	...	0	...	1	...	0	...	1	...	1	16	2	22	6	24	12	22	14	19	8	27	5	24	8	18	9	22	8	24	5	24	4	17	3	22	5	20	6	21	7	20	6	20	6	118	4.9	22
„ 23,	19	7	19	5	19	2	24	7	28	3	19	7	32	3	32	2	32	2	10	3	9	5	15	7	15	7	15	6	19	11	22	9	17	5	16	5	18	4	19	9	15	4	15	4	11	2	18	2	121	5.0	18
„ 24,	...	1	...	1	7	5	7	3	7	4	28	9	6	4	6	4	7	5	7	3	11	4	9	8	8	7	16	8	16	9	15	7	9	6	14	4	13	4	13	4	13	2	5	2	...	1	...	0	105	4.4	10
„ 25,	...	1	...	0	12	2	12	2	...	1	12	2	12	3	10	5	10	7	9	9	8	11	8	10	8	12	8	11	16	10	16	10	15	10	15	8	15	5	15	4	15	2	...	0	...	1	...	0	126	5.2	11
„ 26,	...	1	...	1	...	0	...	1	...	0	...	1	...	1	...	1	12	3	11	6	11	7	24	3	21	4	24	6	22	6	24	3	15	5	15	3	15	2	...	0	...	0	...	1	15	2	...	0	55	2.3	17
„ 27,	...	0	...	1	..	0	...	1	...	1	...	0	...	1	26	4	26	5	26	9	25	10	24	10	24	10	16	7	17	8	18	5	16	6	17	5	14	3	...	1	13	2	...	0	..	0	13	2	91	3.8	21
„ 28,	...	0	...	1	...	0	...	0	13	2	13	2	...	1	7	6	7	11	8	13	8	15	7	16	7	17	8	11	8	17	7	13	9	7	9	6	4	5	9	3	9	3	9	2	9	3	9	6	160	6.7	8
„ 29,	9	2	9	4	9	3	...	0	9	2	...	0	9	3	9	8	9	9	8	10	8	11	8	13	8	12	8	16	8	16	8	14	8	10	12	6	11	4	11	4	...	0	11	2	...	0	...	1	150	6.3	9
„ 30,	...	1	...	0	...	0	..	1	12	2	...	0	...	0	...	1	7	3	10	2	23	5	24	7	21	8	17	6	24	6	19	6	16	7	15	7	15	5	15	4	15	2	...	0	...	0	...	1	74	3.1	19
„ 31,	...	0	...	0	...	0	...	0	...	0	...	1	...	0	24	3	26	7	24	6	25	9	25	11	24	10	25	10	20	7	23	9	23	4	...	1	...	1	27	3	...	1	...	0	...	1	...	0	84	3.5	24
ums,	...	154	...	172	...	209	...	225	...	237	...	231	...	210	...	239	...	291	...	310	...	337	...	354	...	368	...	355	...	348	...	322	...	277	...	233	...	193	...	185	...	154	...	130	...	131	...	154	5819	242.5	...
eans,	...	5.0	...	5.5	...	6.7	...	7.3	...	7.6	...	7.5	...	6.8	...	7.7	...	9.4	...	10.0	...	10.9	...	11.4	...	11.9	...	11.5	...	11.2	...	10.4	...	8.9	...	7.5	...	6.2	...	6.0	...	5.0	...	4.2	...	4.2	...	5.0	187.7	7.8	...

TABLE VIII.

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 a.			4 a.			7 a.			10 a.		
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction
1909.												
Aug. 1, ...	5	cum.	WSW	2	cum.	...	5	cum.	SW	6	cum.	SW
„ 2, ...	3	cum.	SW	2	cum.	WSW	6	cum.	SW	8	cum.	SW
„ 3, ...	10	cum.	W	9	cum.	W	10	cum.	WSW	10	nim.	W
„ 4, ...	7	sm-cum. / cum.	W / SSW	9	cum.	SSW	7	cum.	SSW	7	cum.	SW
„ 5, ...	10	sm-cum. / cum.	W / ..	10	nim.	WSW	10	nim.	...	10	cum.	W
„ 6, ...	10	nim.	...	10	nim.	...	10	sm-cum. / cum.	W / ..	10	nim.	SW
„ 7, ...	10	nim.	SW	10	nim.	SW	10	sm-cum. / cum.	WSW	10	cum.	W
„ 8, ...	10	nim.	...	10	cum.	WSW	9	cum.	W	10	cum.	W
„ 9, ...	10	nim.	WSW	10	cum.	W	8	sm-cum. / cum.	WSW	9	c-str. / cum. / nim.	.. / WSW / WSW
„ 10, ...	4	cum.	SW	10	cum.	SW	10	nim.	SW	10	cum.	WSW
„ 11, ...	8	cum.	SW	10	cum.	SW	10	cum.	SW	10	sm-cum. / cum.	SW / SW
„ 12, ...	10	nim.	...	10	cum-nim.	SW	10	cum.	WSW	10	nim.	SW
„ 13, ...	4	cum.	SW	6	cum.	SW	10	c-str. / cum.	SW	10	c-str. / cum. / nim.	.. / SW / SW
„ 14, ...	10	cum-nim.	SW	10	cum.	SW	10	cum-nim.	SW	9	c-str. / cum.	SW
„ 15, ...	7	cum.	SW	4	cum.	SW	8	cum.	SW	6	cum.	SW
„ 16, ...	2	cum.	SW	3	cum.	SW	6	cum.	WSW	6	cum.	SW
„ 17, ...	3	cum.	WSW	4	cum.	SW	10	c-str. / cum.	SW	8	c-str. / cum.	E / SW
„ 18, ...	9	cum.	SW	10	cum.	SW	10	c-str. / cum.	SW	9	cum.	SW
„ 19, ...	5	cum.	...	4	cum.	SSW	7	c-str. / cum.	SSW	5	cum.	S
„ 20, ...	3	c-str.	...	3	c-str.	...	8	c-str. / cum.	S	6	c-str. / cum.	ENE / S
„ 21, ...	0	...	...	2	cum.	...	5	cum.	S	5	cum.	SSW
„ 22, ...	1	cum.	...	5	cum.	SW	8	cum. / nim.	SW / WSW	6	cum.	SW
„ 23, ...	4	cum.	...	10	nim.	SW	10	cum. / cum-nim.	SW	9	cum.	E
„ 24, ...	3	cum.	...	1	cum.	...	10	nim.	SSW	8	c-cum. / cum.	S
„ 25, ...	2	cum.	...	4	cum.	...	3	c-str. / cum.	ENE / ..	8	c-cum. / cum.	ENE / SSE
„ 26, ...	0	...	...	0	...	...	7	c-str.	NE	3	c-str. / cum.	S
„ 27, ...	2	c-str.	...	4	c-str.	...	6	c-str. / cum.	NNE / SSW	4	c-str. / cum.	S
„ 28, ...	5	c-str.	...	4	c-str.	...	5	c-str. / cum.	S	6	cum.	S
„ 29, ...	5	c-str.	...	1	c-str.	...	5	c-str. / cum.	NE / ESE	3	cum.	SE
„ 30, ...	2	c-str.	...	5	c-str.	...	2	cum.	...	3	cum.	ESE
„ 31, ...	0	...	...	1	c-str.	...	0	...	...	2	c-str. / cum.	...
Means,...	5.3	...	...	5.9	...	...	7.6	...	...	7.3	...	...

TABLE VIII,—*Continued.*

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 p.			4 p.			7 p.			10 p.			Means.
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	
1909.													
Aug. 1,...	4	cum.	SW	4	cum.	SW	5	cum.	SW	2	cum.	SW	4.1
" 2,...	4	c-str. / cum.	SW	6	c-str. / cum.	WSW	10	c-str. / cum.	W	8	c-str. / sm-cum. / cum.	.. / W / ..	5.9
" 3,...	10	c-str. / sm-cum. / cum.	W	10	c-str. / sm-cum. / cum.	.. / W / ..	8	c-str. / sm-cum.	W	9	sm-cum.	W	9.5
" 4,...	6	c-str. / cum.	SW	8	c-str. / cum.	W / ..	10	cum.	...	10	cum.	...	8.0
" 5,...	10	cum.	W	10	cum.	W	10	nim.	WSW	10	nim.	...	10.0
" 6,...	10	cum.	S	10	cum.	...	10	sm-cum.	SSW	10	nim.	...	10.0
" 7,...	10	nim.	WSW	10	c-str. / cum.	W	10	cum.	W	0	...	...	8.8
" 8,...	6	sm-cum. / cum.	NNW / W	9	sm-cum. / cum.	NW / W	9	sm-cum. / cum.	W	10	nim.	WSW	9.1
" 9,...	10	nim.	WSW	10	nim.	SSW	10	cum-nim.	SW	8	cum.	SW	9.4
" 10,...	10	c-str. / cum.	SW	9	cum.	SW	10	cum.	SW	10	cum.	SW	9.1
" 11,...	9	c-str. / cum.	SW	9	c-str. / cum.	SW	10	c-str. / cum.	WSW	7	cum.	WSW	9.1
" 12,...	10	cum.	SW	10	cum.	SW	9	cum.	SW	9	cum.	SW	9.7
" 13,...	10	nim.	WSW	10	cum.	SW	10	sm-cum. / cum.	SW	10	cum.	SW	8.8
" 14,...	8	c-str. / cum.	SW	6	cum.	SW	4	cum.	SW	3	cum.	SW	7.5
" 15,...	6	c-str. / cum. / cum.	.. / W / SW	3	cum.	WSW	2	cum.	...	4	cum.	SW	5.0
" 16,...	5	cum.	W	2	cum.	W	5	c-str. / cum.	W	2	cum.	W	3.9
" 17,...	9	c-str. / cum.	ENE / SW	10	c-str. / cum.	E / SW	7	c-str. / cum.	SW	5	cum.	SW	7.0
" 18,...	5	cum.	W	7	c-str. / cum.	W	3	c-str. / cum.	...	1	cum.	...	6.7
" 19,...	3	cum.	SSW	8	c-str. / cum.	E / SSW	7	c-str. / sm-cum.	WSW	2	c-str.	...	5.1
" 20,...	5	c-str. / cum.	S	8	cum.	S	1	cum.	...	0	...	...	4.3
" 21,...	7	cum.	S	5	cum.	SW	2	cum.	SW	0	...	...	3.2
" 22,...	9	c-str. / cum.	NNE / SW	10	cum.	WSW	8	sm-cum. / cum.	W / SW	2	sm-cum.	...	6.1
" 23,...	8	c-str. / cum.	SW	7	c-str. / cum.	SW	9	cum.	SW	4	c-str. / cum.	SW	7.6
" 24,...	8	c-str. / cum.	NNW / S	10	c-str. / cum.	S	5	c-str. / cum.	...	8	c-str. / cum.	SW	6.6
" 25,...	4	c-str. / cum.	S	3	c-str. / cum.	...	2	c-str.	...	2	c-str.	...	3.5
" 26,...	4	c-cum. / cum.	S	1	c-cum. / cum.	...	1	c-cum.	...	1	c-cum.	...	2.1
" 27,...	4	c-str / cum.	N / S	7	c-str. / cum	N / ..	9	c-str.	...	4	c-str.	...	5.0
" 28,...	6	c-str. / cum.	.. / S	9	c-str. / cum.	NNW / ..	8	c-str. / cum.	SSE	4	c-str.	...	5.9
" 29,...	4	c-str. / cum.	.. / SSE	4	c-str. / cum.	SSE	5	c-str.	...	4	c-str.	...	3.9
" 30,...	4	cum.	SE	2	cum.	...	0	...	...	0	...	...	2.3
" 31,...	3	cum.	...	3	c-str. / cum.	...	3	c-str. / cum.	...	3	c-str.	SE	1.9
Means,...	6.8	...	...	7.1	...	...	6.5	...	...	4.9	...	...	6.4

TABLE IX.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR THE MONTH OF AUGUST, 1909.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N −S	+E −W	
1 a.	0.1	0.2	3.7	2.4	− 3.6	− 2.2	S 31° W
2 „	0.0	0.1	3.9	3.0	3.9	2.9	S 37° W
3 „	0.2	0.5	4.6	3.8	4.5	3.2	S 36° W
4 „	0.2	0.5	4.8	4.1	4.6	3.6	S 39° W
5 „	0.2	0.8	4.9	4.2	4.7	3.4	S 36° W
6 „	0.3	0.7	4.4	4.5	4.0	3.9	S 44° W
7 „	1.1	0.9	3.0	3.8	1.8	3.0	S 58° W
8 „	0.5	1.3	4.2	4.0	3.6	2.6	S 36° W
9 „	0.9	1.8	4.9	4.7	4.0	2.9	S 36° W
10 „	0.5	2.1	4.5	5.4	4.1	3.3	S 39° W
11 „	0.5	2.0	5.4	5.8	4.9	3.8	S 38° W
Noon.	0.6	1.6	6.7	5.4	6.1	3.8	S 32° W
1 p.	0.7	1.8	6.0	6.2	5.3	4.4	S 40° W
2 „	0.4	1.3	7.0	5.6	6.6	4.3	S 33° W
3 „	0.1	1.4	7.5	5.2	7.4	3.8	S 28° W
4 „	0.2	1.1	6.6	5.5	6.5	4.4	S 34° W
5 „	0.0	0.9	6.8	3.5	6.8	2.6	S 21° W
6 „	0.1	0.5	6.4	2.5	6.3	2.0	S 17° W
7 „	0.1	0.5	5.0	2.4	4.9	2.0	S 22° W
8 „	0.1	0.4	4.7	2.4	4.5	2.0	S 24° W
9 „	0.1	0.9	3.5	1.8	3.5	0.9	S 14° W
10 „	0.0	0.5	3.0	1.8	3.0	1.2	S 22° W
11 „	0.3	0.1	2.7	2.0	2.4	1.9	S 38° W
Midt.	0.2	0.3	3.6	2.4	− 3.5	− 2.1	S 31° W
Means,.....	0.3	0.9	4.9	3.8	−4.60	− 2.92	S 32° W

PHENOMENA :—

Solar halo :—on the 4th, 10th and 17th.

Lunar halo :—on the 27th.

Lunar Corona :—on the 1st.

Unusual visibility :—on the 21st, 23rd, 25th, 27th, and 29th.

Dew :—on the 4th, 20th, 21st, 25th, 26th, 27th, 28th, 29th, 30th and 31st.

Rainbow :—on the 23rd.

Lightning without thunder :—on the 3rd, 11th, 15th, 16th, 17th, 18th, 19th, 22nd, 25th and 26th.

Thunder without lightning :—on the 11th, 22nd and 27th.

Thunderstorms :—on the 2nd 7.32p—9.16p, in N, nearest at 8.10p (18°) ; 10.45p—11.45p, in SW, nearest at 11.8p (5°) ; 4th 7.25p—8.15p in N, distant ; 5th 3.15a—5.25a, in SSW, nearest at 4.3a (10°) ; 8th 10.47p—11.45p, SE—NW, nearest at 10.57p (6°) ; 9th 10.44a—11.35a in NE, distant ; 1.13p—2.35p, in NW, nearest at 2.25p (7°) ; 10th 5.45a—7.40a, WNW—ESE, nearest at 6.15a (4°) ; 11th 11.55p—12th 1.40a, N—S, nearest at 11.58p (5°) ; 12th 9.12a—10.55a, SW—NE, nearest at 10.17a (5°) ; 13th 9.44a—1.16p, in NE, distant ; 14th 3.6a—5.30a, in NW, nearest at 3.7a (10°) ; 23rd 3.10a—5a in WSW, nearest at 3.43a (14°) ; 5.50a—7.55a, SW—NE, nearest at 5.56a (3°) ; 24th 4.40a—7.15a in WNW, distant ; 9.55p—10.15p, in NW, distant.

TABLE I.

BAROMETRIC PRESSURE, FOR THE MONTH OF SEPTEMBER, 1909.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.
Sept. 1,...	29.764	29.750	29.744	29.750	29.757	29.774	29.785	29.799	29.811	29.815	29.806	29.794	29.768	29.751	29.733	29.728	29.720	29.725	29.736	29.754	29.784	29.796	29.803	29.794	29.768
„ 2,...	.785	.778	.767	.766	.764	.772	.792	.809	.825	.827	.821	.806	.782	.769	.756	.754	.752	.749	.754	.772	.789	.796	.798	.795	.782
„ 3,...	.782	.775	.770	.762	.765	.776	.795	.816	.828	.834	.835	.818	.798	.773	.759	.752	.748	.745	.749	.772	.786	.787	.782	.779	.783
„ 4,...	.769	.754	.757	.762	.761	.773	.792	.799	.802	.806	.799	.788	.758	.739	.704	.701	.690	.703	.712	.724	.734	.745	.744	.740	.752
„ 5,...	.728	.719	.710	.708	.713	.713	.731	.745	.762	.764	.754	.749	.745	.714	.698	.675	.672	.685	.690	.713	.725	.736	.730	.722	.721
„ 6,...	.712	.694	.683	.683	.688	.701	.721	.736	.738	.740	.741	.714	.695	.680	.663	.649	.651	.663	.686	.707	.717	.725	.697	.687	.699
„ 7,...	.685	.665	.646	.647	.650	.664	.682	.706	.718	.719	.705	.695	.667	.646	.636	.623	.624	.632	.646	.672	.691	.691	.691	.683	.670
„ 8,...	.672	.655	.648	.637	.644	.647	.670	.659	.658	.653	.634	.616	.601	.594	.567	.553	.565	.581	.593	.618	.624	.618	.611	.597	.622
„ 9,...	.579	.578	.561	.555	.560	.573	.589	.605	.607	.593	.580	.578	.546	.536	.519	.546	.544	.539	.557	.573	.592	.601	.606	.600	.572
„ 10,...	.581	.568	.563	.560	.588	.603	.631	.644	.657	.656	.659	.647	.623	.612	.607	.604	.614	.623	.655	.669	.693	.692	.699	.684	.630
„ 11,...	.668	.656	.646	.645	.650	.658	.688	.698	.704	.706	.698	.676	.653	.636	.631	.620	.623	.635	.642	.667	.693	.695	.691	.685	.665
„ 12,...	.664	.651	.647	.649	.656	.662	.691	.705	.713	.715	.703	.686	.660	.633	.615	.612	.620	.632	.638	.661	.680	.694	.689	.687	.665
„ 13,...	.677	.677	.671	.683	.683	.697	.712	.720	.733	.738	.727	.714	.683	.664	.652	.648	.643	.654	.672	.692	.697	.709	.705	.695	.689
„ 14,...	.690	.664	.648	.647	.651	.648	.658	.668	.675	.674	.665	.651	.612	.577	.546	.541	.548	.546	.559	.577	.582	.590	.587	.570	.616
„ 15,...	.542	.530	.525	.514	.498	.488	.512	.521	.502	.485	.473	.460	.416	.400	387	.391	.386	.400	.402	.424	.448	.459	.451	.463	.462
„ 16,...	.474	.476	.479	.476	.485	.516	.534	.548	.561	.579	.589	.571	.572	.552	.536	.532	.548	.556	.573	.592	.618	.636	.628	.639	.553
„ 17,...	.616	.614	.608	.599	.614	.632	.641	.649	.680	.696	.699	.675	.655	.634	.599	.588	.582	.585	.613	.648	.673	.667	.665	.650	.637
„ 18,...	.627	.607	.587	.587	.592	.605	.621	.643	.639	.632	.606	.577	.550	.520	.497	.486	.482	.492	.504	.515	.533	.537	.527	.519	.562
„ 19,...	.497	.480	.467	.459	.456	.468	.479	.483	.493	.499	.493	.469	.436	.418	.418	.421	.416	.426	.434	.454	.455	.469	.466	.460	.459
„ 20,...	.444	.441	.445	.452	.465	.488	.512	.524	.544	.548	.551	.535	.517	.499	.503	.503	.507	.521	.529	.565	.590	.595	.584	.594	.519
„ 21,...	.587	.574	.556	.559	.569	.573	.594	.615	.608	.605	.602	.583	.551	.534	.525	.546	.565	.568	.573	.571	.583	.595	.590	.581	.575
„ 22,...	.555	.545	.552	.541	.555	.575	.593	.603	.611	.618	.619	.605	.589	.583	.576	.584	.606	.613	.630	.652	.677	.689	.689	.675	.606
„ 23,...	.677	.665	.667	.675	.689	.704	.721	.747	.761	.760	.763	.742	.729	.709	.697	.703	.702	.724	.734	.748	.760	.772	.776	.763	.724
„ 24,...	.753	.744	.727	.724	.727	.746	.768	.775	.782	.799	.791	.772	.736	.716	.698	.692	.695	.705	.714	.743	.746	.749	.753	.737	.741
„ 25,...	.724	.710	.689	.676	.675	.694	.705	.724	.735	.733	.731	.721	.676	.660	.640	.627	.625	.644	.666	.702	.724	.728	.726	.728	.694
„ 26,...	.712	.702	.689	.681	.685	.698	.718	.739	.750	.757	.755	.743	.730	.715	.711	.709	.710	.721	.736	.772	.795	.812	.809	.811	.736
„ 27,...	.800	.790	.781	.784	.803	.810	.826	.844	.855	.866	.852	.844	.831	.805	.784	.779	.782	.787	.800	.817	.844	.845	.847	.840	.817
„ 28,...	.822	.806	.808	.802	.803	.808	.825	.836	.852	.846	.842	.832	.800	.780	.763	.756	.752	.760	.780	.807	.818	.826	.818	.807	.806
„ 29,...	.787	.779	.753	.742	.742	.744	.760	.781	.789	.790	.784	.781	.761	.724	.720	.715	.719	.721	.734	.754	.783	.795	.786	.782	.759
„ 30,...	.772	.769	.754	.763	.759	.775	.800	.823	.836	.841	.838	.822	.809	.784	.775	.783	.783	.795	.808	.829	.847	.861	.864	.860	.806
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,.....	29.671	29.661	29.652	29.650	29.655	29.666	29.685	29.699	29.708	29.710	29.704	29.689	29.665	29.645	29.631	29.627	29.629	29.638	29.651	29.672	29.689	29.697	29.694	29.688	29.670

TABLE II.

TEMPERATURE, FOR THE MONTH OF SEPTEMBER, 1909.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.	Max.	Min.
Sept. 1,	79.8	80.1	79.7	79.3	79.3	79.2	81.8	84.2	84.2	86.1	86.2	87.2	87.6	87.8	89.0	85.9	87.2	85.2	82.2	82.0	81.2	80.9	80.4	79.6	83.2	89.1	79.2
" 2,	79.6	79.6	79.3	78.4	79.0	79.2	81.5	84.2	85.7	87.2	88.6	88.2	87.0	86.4	86.9	85.7	84.2	83.3	82.1	81.3	81.3	81.0	80.1	80.0	82.9	88.7	78.4
" 3,	79.8	79.4	78.8	79.1	79.7	79.2	81.0	83.8	86.3	86.5	87.4	88.0	88.4	87.6	86.2	84.8	83.8	82.5	82.2	82.0	81.1	80.2	79.9	80.7	82.8	88.5	78.7
" 4,	79.4	78.9	78.8	78.9	79.2	78.9	81.4	83.3	84.4	86.2	88.5	88.2	89.2	88.8	88.2	86.2	85.2	83.3	82.6	82.0	80.9	81.2	80.7	80.7	83.1	89.5	78.7
" 5,	80.7	80.7	80.5	80.2	79.6	79.2	82.0	84.7	85.4	86.6	87.7	84.0	81.2	82.0	84.8	85.4	83.9	82.3	81.8	81.2	81.4	80.3	80.0	79.6	82.3	87.7	79.0
" 6,	79.4	78.7	78.5	78.3	78.6	78.4	79.9	81.0	83.3	83.9	87.2	87.4	86.8	85.0	85.2	84.3	83.6	82.8	81.6	81.7	81.6	81.2	80.7	80.2	82.1	88.3	78.0
" 7,	79.7	79.2	79.1	79.0	78.7	79.2	81.2	84.1	85.2	84.0	87.8	89.2	89.5	89.2	88.9	86.0	86.2	85.0	83.8	82.7	82.4	81.2	81.6	81.5	83.5	89.8	78.7
" 8,	81.1	80.9	81.1	80.2	80.2	79.8	82.7	85.2	87.2	89.0	89.2	89.4	89.1	88.8	87.9	86.2	85.3	84.4	84.2	84.4	84.2	83.8	83.4	83.0	84.6	90.7	79.2
" 9,	83.4	83.2	82.9	82.3	82.1	82.4	84.0	83.2	85.2	85.0	86.0	87.6	88.0	87.4	87.8	84.0	83.3	83.0	83.3	83.2	83.7	83.8	80.6	80.9	84.0	88.2	80.2
" 10,	80.5	77.9	80.1	79.2	78.8	78.6	79.1	80.8	81.7	83.2	82.6	82.1	83.8	80.2	82.2	83.2	80.2	80.3	79.7	79.8	80.4	80.2	79.8	80.3	80.6	85.2	77.7
" 11,	80.1	79.8	79.6	79.3	79.7	79.6	79.7	82.9	83.0	84.7	87.0	87.2	85.8	84.4	82.4	82.7	82.7	82.2	82.0	82.0	82.1	82.3	81.9	80.9	82.3	87.2	78.8
" 12,	81.1	80.2	79.8	78.9	78.1	78.8	78.2	80.7	80.9	82.6	84.4	84.2	85.2	84.6	84.2	83.5	83.0	82.5	81.9	81.7	81.8	81.6	80.9	81.1	81.7	85.3	77.9
" 13,	80.8	80.9	80.0	80.2	80.5	80.2	82.3	84.0	85.2	87.0	87.5	88.2	86.6	85.8	85.2	84.4	84.0	82.9	82.3	82.2	82.0	81.6	80.9	80.7	83.1	89.3	79.8
" 14,	80.5	80.9	80.5	80.7	80.8	80.3	80.8	82.0	81.0	82.8	83.2	85.4	85.9	86.4	86.2	86.6	85.0	84.0	82.9	82.4	81.2	81.6	80.7	80.7	82.6	86.6	80.1
" 15,	80.7	80.8	79.8	80.7	80.5	80.3	81.2	82.2	85.3	84.8	85.8	86.8	89.1	89.2	87.0	86.4	85.6	84.9	83.6	83.6	83.2	82.2	81.8	79.8	83.6	89.3	79.5
" 16,	77.8	78.2	77.0	76.8	77.0	77.6	77.4	78.0	80.2	80.2	81.5	82.4	81.8	82.0	80.6	82.2	82.3	79.9	81.6	82.4	82.4	82.7	82.9	79.9	80.2	82.9	76.7
" 17,	79.8	80.0	80.7	80.8	80.2	81.0	78.4	80.2	81.0	77.7	80.9	81.0	81.9	81.3	81.0	82.2	81.7	81.8	81.5	82.5	82.4	82.4	81.7	81.8	81.0	82.7	77.7
" 18,	81.6	79.6	79.6	79.8	79.9	79.9	80.2	82.2	83.3	84.8	85.0	87.0	84.2	85.2	84.9	84.0	83.0	82.2	82.4	81.5	81.4	80.8	80.9	80.7	82.3	87.2	79.1
" 19,	80.6	80.6	80.4	80.6	80.5	80.6	80.8	82.0	82.3	83.6	87.2	86.2	87.0	86.9	86.2	85.2	84.1	83.9	83.8	82.7	82.8	82.5	81.5	81.2	83.0	87.9	80.4
" 20,	80.2	80.6	80.7	80.0	79.2	79.7	81.2	82.2	83.5	85.2	85.2	85.1	84.8	84.2	84.0	82.7	83.2	82.3	82.2	82.0	82.2	82.0	81.6	81.3	82.3	86.0	79.2
" 21,	81.1	79.9	78.6	79.2	79.7	79.8	80.2	81.7	84.2	85.4	84.7	85.3	85.0	83.9	84.4	79.8	7.71	76.6	77.2	77.2	77.3	77.2	78.1	78.5	80.5	85.8	76.6
" 22,	78.4	77.9	78.1	78.2	78.5	78.7	79.2	80.2	81.0	82.4	82.7	83.2	82.7	81.2	81.2	80.7	80.4	80.2	80.2	80.2	79.3	80.0	79.7	78.3	80.1	83.6	77.9
" 23,	78.2	78.0	78.2	77.7	78.2	78.5	79.2	80.6	81.1	82.6	83.2	86.2	87.2	87.0	87.7	85.1	83.3	83.0	82.2	82.0	81.7	81.3	82.0	81.4	81.9	87.7	77.4
" 24,	81.7	81.5	81.6	81.5	78.1	78.7	79.8	81.0	82.1	84.1	83.4	84.4	86.8	88.0	87.7	85.8	84.1	83.0	82.4	82.3	82.2	82.0	81.4	80.8	82.7	88.1	78.1
" 25,	80.6	80.8	80.4	79.8	80.2	80.2	81.2	81.7	84.2	82.2	79.2	78.2	79.8	80.9	81.2	80.9	81.2	80.0	80.0	79.8	79.7	79.4	79.4	79.3	80.4	84.6	78.2
" 26,	79.3	79.6	78.8	78.6	79.2	79.1	80.2	81.5	84.3	85.2	85.8	85.7	86.8	86.4	85.3	84.3	84.2	82.3	81.2	81.0	80.6	80.9	80.3	80.4	82.1	86.8	78.1
" 27,	80.0	80.8	80.6	80.8	81.0	81.6	82.2	83.2	85.2	84.1	84.0	85.4	84.4	84.6	84.6	83.9	82.0	81.9	81.8	82.5	82.5	82.2	82.1	81.6	82.6	85.7	80.0
" 28,	80.6	81.2	79.1	79.8	80.2	80.0	81.2	83.2	82.9	83.7	86.4	86.0	84.6	86.2	85.9	83.7	82.2	82.1	81.3	80.0	79.5	79.8	79.9	78.8	82.0	87.9	78.2
" 29,	78.4	78.3	78.9	77.9	77.9	78.0	81.2	83.0	82.8	82.3	83.2	76.4	77.2	81.7	80.9	81.2	80.6	79.9	79.0	79.2	79.1	79.2	79.0	79.0	79.8	83.7	76.2
" 30,	78.0	79.0	79.1	79.0	78.9	79.4	80.2	82.2	85.2	81.0	85.0	85.8	83.6	82.0	82.2	83.2	82.9	82.2	81.2	80.1	80.2	80.2	79.6	80.4	81.3	86.5	78.0
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,	80.1	79.9	79.7	79.5	79.4	79.5	80.6	82.3	83.6	84.1	85.2	85.4	85.4	85.2	85.0	84.0	83.2	82.3	81.8	81.6	81.4	81.2	80.8	80.4	82.2	87.0	78.5

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION, FOR THE MONTH OF SEPTEMBER, 1909.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.	Solar Max.
Sept. 1, ...	76.7	75.9	76.4	76.7	76.9	77.2	78.1	78.6	78.9	79.6	77.2	78.6	77.2	77.9	79.9	78.8	78.0	78.1	76.9	77.0	77.0	77.0	77.3	77.2	77.6	136.9
„ 2, ...	77.2	77.3	77.2	76.7	76.7	76.8	78.3	77.9	77.9	78.7	79.2	78.9	79.1	78.9	78.9	77.5	77.9	78.0	77.7	77.2	76.9	77.0	76.7	77.1	77.7	133.7
„ 3, ...	77.2	76.8	76.5	76.5	77.3	76.9	77.8	78.8	78.2	78.6	79.1	79.5	78.5	78.1	77.9	77.9	78.8	78.8	77.8	78.0	76.2	76.7	76.8	76.8	77.7	134.0
„ 4, ...	76.8	76.8	76.6	76.4	76.7	76.8	77.7	78.0	78.8	77.4	78.7	79.3	79.5	79.1	78.7	78.0	77.1	77.9	76.4	77.6	77.9	77.5	77.9	77.6	77.7	140.3
„ 5, ...	77.5	76.3	76.6	76.8	77.1	76.9	78.5	79.4	78.4	78.9	78.9	77.1	75.9	76.3	76.5	76.8	77.1	77.0	76.6	76.9	77.0	77.2	77.0	76.2	77.2	138.8
„ 6, ...	76.4	76.1	76.3	76.2	76.8	77.0	76.9	73.9	76.7	76.6	76.5	77.1	77.7	78.1	78.5	77.5	77.2	77.1	77.9	77.5	77.6	77.5	77.4	77.3	77.0	136.2
„ 7, ...	77.4	77.2	76.8	76.6	76.7	76.9	77.9	78.0	77.7	77.9	78.1	78.5	78.9	78.9	78.5	76.9	76.4	75.9	76.4	76.9	76.1	75.5	75.1	76.2	77.1	136.8
„ 8, ...	75.8	76.5	77.0	77.4	76.6	77.6	78.2	76.6	76.0	76.5	76.1	77.1	77.1	77.9	77.0	76.9	78.4	78.9	79.5	79.9	78.7	78.0	76.1	76.5	77.3	135.9
„ 9, ...	76.9	76.6	76.7	76.2	75.7	75.1	75.2	75.6	76.7	76.9	76.9	77.5	77.9	77.9	77.9	78.9	77.9	79.2	78.9	79.5	78.9	78.6	77.6	77.6	77.4	136.4
„ 10, ...	79.1	76.1	77.3	76.3	77.0	76.1	77.0	78.0	78.4	78.7	79.1	79.5	80.9	77.5	78.9	79.9	78.4	78.7	77.9	78.0	78.9	78.5	77.7	78.0	78.2	136.6
„ 11, ...	77.8	77.7	77.6	77.7	77.7	77.9	78.1	79.0	78.6	79.6	80.4	80.5	79.9	79.9	79.7	78.9	78.9	77.9	78.4	78.6	79.2	79.2	78.2	78.4	78.7	135.0
„ 12, ...	78.8	78.1	77.4	77.8	76.9	77.7	76.9	77.9	77.7	78.4	77.3	77.9	78.3	78.5	78.9	78.4	77.9	78.0	78.4	78.2	78.4	78.6	78.4	78.3	78.0	138.5
„ 13, ...	78.3	77.9	77.3	77.6	77.8	78.1	78.6	79.4	78.4	78.9	79.4	80.1	80.1	79.9	79.1	78.9	78.6	78.6	78.3	78.2	78.6	78.2	78.4	78.1	78.6	137.6
„ 14, ...	78.0	78.2	78.4	78.5	78.2	78.1	78.9	79.1	78.6	79.7	78.4	79.5	79.9	80.1	80.4	80.6	79.3	79.2	78.9	79.4	79.9	79.6	79.2	79.2	79.1	137.7
„ 15, ...	78.2	79.6	79.0	79.1	79.0	78.9	77.9	71.8	69.4	70.4	72.3	72.9	75.7	75.4	75.1	75.0	77.8	76.1	75.9	76.7	77.6	77.1	78.3	78.3	76.1	136.7
„ 16, ...	74.5	74.6	73.8	74.3	74.5	74.6	74.9	75.4	76.4	76.4	77.5	77.9	78.2	78.1	78.7	78.7	79.3	77.0	78.9	78.7	78.2	78.8	78.8	77.5	76.9	113.1
„ 17, ...	77.6	77.8	78.5	78.7	77.5	77.4	76.0	77.4	78.0	75.7	76.7	77.7	77.1	77.1	76.5	75.9	76.1	76.3	77.0	77.4	77.3	77.6	76.7	75.6	77.1	124.4
„ 18, ...	76.5	75.9	75.5	75.3	75.1	75.9	75.9	77.9	77.7	77.0	77.5	77.9	77.3	78.9	77.2	77.6	77.7	77.1	77.0	77.4	78.2	77.7	77.4	77.6	77.0	138.9
„ 19, ...	77.4	77.5	77.6	77.9	78.0	76.9	76.0	76.0	75.0	75.0	76.1	76.0	76.3	75.3	76.2	75.9	76.5	76.4	77.5	76.2	75.7	74.7	74.6	75.0	76.2	142.7
„ 20, ...	74.4	75.0	74.0	73.7	73.9	74.7	76.2	75.9	77.4	77.8	77.8	78.1	78.9	78.7	77.9	77.5	78.1	77.7	78.1	78.2	78.4	78.4	78.6	78.6	77.0	142.8
„ 21, ...	78.1	77.6	76.0	76.3	76.9	76.9	77.3	77.1	79.5	77.9	78.5	78.7	79.4	78.7	78.9	77.3	75.9	75.5	76.0	76.0	75.9	75.8	76.6	76.6	77.2	132.7
„ 22, ...	76.6	76.6	76.5	76.6	76.9	77.3	77.9	77.9	77.9	78.9	78.7	79.2	77.9	77.9	77.5	76.5	76.6	76.7	76.4	76.9	77.4	77.4	77.2	76.5	77.3	105.5
„ 23, ...	76.5	76.4	76.3	76.3	76.5	76.8	76.3	77.1	77.1	77.7	78.1	78.5	79.1	78.9	78.7	78.6	77.7	78.5	77.6	78.2	78.2	78.0	78.6	78.4	77.7	136.2
„ 24, ...	78.4	78.3	79.4	77.9	76.3	77.0	77.7	77.9	79.1	79.7	79.0	78.9	79.7	79.7	79.1	78.7	78.1	77.0	77.6	77.9	78.2	78.2	78.1	77.4	78.3	139.7
„ 25, ...	77.4	78.2	77.9	77.4	77.8	77.9	78.7	78.5	78.9	77.9	78.0	75.7	78.4	77.3	77.6	77.0	78.0	77.1	76.9	77.2	77.1	77.1	77.4	77.2	77.6	120.8
„ 26, ...	77.0	77.0	77.1	77.2	76.7	77.7	77.9	78.2	78.9	79.1	79.4	79.2	79.9	79.9	78.7	77.8	78.3	77.5	78.1	78.0	78.4	77.7	77.4	77.4	78.1	139.9
„ 27, ...	76.6	77.2	76.9	77.0	77.9	77.6	78.0	78.9	78.3	78.0	77.7	78.2	78.9	78.4	77.7	78.7	78.9	78.7	78.7	78.9	78.8	78.9	78.5	77.9	78.1	134.3
„ 28, ...	76.9	78.7	76.3	77.4	77.4	77.6	77.9	78.5	77.6	77.9	78.7	78.3	77.4	76.9	77.4	76.8	76.9	77.9	76.9	74.9	75.0	76.3	76.1	76.5	77.2	140.1
„ 29, ...	75.8	75.5	74.8	74.6	75.5	75.9	77.1	78.0	77.1	76.9	76.7	74.6	74.7	76.1	76.6	75.9	74.9	74.9	75.9	75.6	75.7	75.9	76.1	76.1	75.9	134.4
„ 30, ...	75.6	76.0	76.2	76.4	76.5	76.6	77.1	77.7	78.0	75.4	77.7	78.7	76.9	75.9	77.1	77.4	77.8	77.1	77.1	76.9	76.9	77.1	77.1	76.7	76.9	139.6
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means, ...	77.0	77.0	76.8	76.8	76.8	77.0	77.4	77.5	77.6	77.6	77.9	78.1	78.2	78.1	78.1	77.7	77.7	77.5	77.5	77.6	77.6	77.5	77.4	77.3	77.5	134.5

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR, FOR THE MONTH OF SEPTEMBER, 1909.

Hours.	Hourly Means.		Date.	Daily Means.	
	Humidity.	Tension.		Humidity.	Tension.
			1909.		
1 a.	86	0.887	Sept. 1,.....	77	0.872
2 „	86	.889	„ 2,.....	78	.881
3 „	86	.882	„ 3,.....	79	.882
4 „	87	.885	„ 4,.....	77	.878
5 „	88	.887	„ 5,.....	79	.867
6 „	88	.894	„ 6,.....	79	.861
7 „	85	.898	„ 7,.....	73	.845
8 „	79	.879	„ 8,.....	71	.840
9 „	74	.866	„ 9,.....	73	.852
10 „	73	.859	„ 10,.....	89	.935
11 „	70	.858	„ 11,.....	85	.934
Noon.	70	.864	„ 12,.....	84	.910
1 p.	70	.869	„ 13,.....	81	.919
2 „	71	.867	„ 14,.....	85	.948
3 „	71	.869	„ 15,.....	69	.801
4 „	73	.864	„ 16,.....	86	.882
5 „	76	.876	„ 17,.....	83	.879
6 „	79	.879	„ 18,.....	78	.858
7 „	81	.885	„ 19,.....	72	.813
8 „	82	.893	„ 20,.....	78	.858
9 „	83	.895	„ 21,.....	86	.891
10 „	83	.894	„ 22,.....	88	.901
11 „	84	.895	„ 23,.....	82	.894
Midt.	86	.896	„ 24,.....	81	.910
			„ 25,.....	88	.911
			„ 26,.....	83	.909
			„ 27,.....	81	.902
			„ 28,.....	80	.871
			„ 29,.....	83	.844
			„ 30,.....	81	.866
			.....	...	...
Mean, ...	80	0.880	Mean, ...	80	0.880

TABLE V.

DURATION OF SUNSHINE.

Date.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Sums.
1909.														
Sept. 1,.....	...	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	10.7
„ 2,.....	...	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	11.0
„ 3,.....	...	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	...	10.6
„ 4,.....	...	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	...	...	9.3
„ 5,.....	...	0.6	1.0	1.0	1.0	0.9	0.2	...	0.5	...	0.9	0.2	...	6.3
„ 6,.....	...	0.1	0.4	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.1	9.5
„ 7,.....	...	0.8	1.0	0.6	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	...	10.1
„ 8,.....	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	...	10.5
„ 9,.....	...	0.7	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	...	0.1	...	8.0
„ 10,.....	...	...	0.4	...	0.6	...	0.3	1.0	0.7	0.2	...	...	...	3.2
„ 11,.....	...	...	0.8	0.9	1.0	1.0	1.0	0.8	0.7	0.4	0.1	0.8	...	7.5
„ 12,.....	...	...	0.4	0.4	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	...	8.7
„ 13,.....	...	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	...	10.7
„ 14,.....	...	...	0.1	...	0.4	0.5	0.9	1.0	1.0	1.0	1.0	0.8	...	6.7
„ 15,.....	...	0.5	0.9	1.0	0.8	0.8	0.4	0.7	0.7	0.2	0.1	...	...	6.1
„ 16,.....	...	...	...	0.5	0.1	...	...	...	...	...	...	...	...	0.6
„ 17,.....	...	...	...	...	...	...	...	...	0.4	0.4	0.4	0.3	...	1.5
„ 18,.....	...	0.3	0.2	1.0	1.0	1.0	1.0	0.4	0.7	0.3	...	...	...	5.9
„ 19,.....	...	...	...	0.2	0.6	1.0	0.4	0.2	0.3	0.4	...	...	...	3.1
„ 20,.....	...	0.3	1.0	0.7	1.0	0.5	1.0	0.4	0.7	0.5	0.5	0.6	...	7.5
„ 21,.....	...	...	...	0.8	0.8	...	...	...	0.1	0.2	...	...	...	1.9
„ 22,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 23,.....	...	...	0.3	0.9	1.0	1.0	0.9	0.9	1.0	1.0	0.6	...	...	7.6
„ 24,.....	...	...	...	...	0.6	...	0.1	1.0	1.0	0.6	0.5	0.1	...	3.9
„ 25,.....	...	...	...	0.3	0.3	...	...	...	...	...	...	...	...	0.6
„ 26,.....	...	...	0.7	1.0	1.0	1.0	1.0	1.0	0.8	...	0.9	0.5	...	7.9
„ 27,.....	...	0.5	0.8	1.0	0.9	1.0	1.0	1.0	1.0	1.0	0.6	...	...	8.8
„ 28,.....	...	...	0.9	0.8	0.9	1.0	1.0	0.9	1.0	1.0	0.3	1.0	...	8.8
„ 29,.....	...	0.8	0.9	0.7	1.0	0.9	...	0.3	0.8	0.4	1.0	0.5	...	7.3
„ 30,.....	...	...	0.9	1.0	0.8	1.0	1.0	0.9	0.6	0.1	1.0	1.0	...	8.3
„ 31,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,.....	...	8.7	16.9	20.8	23.4	21.9	20.2	20.5	22.0	17.6	16.6	13.6	0.4	202.6

TABLE VI.

RAINFALL FOR THE MONTH OF SEPTEMBER, 1909.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Sums.	Duration. Hours.
Sept. 1,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 2,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 3,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 4,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 5,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 6,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 7,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 8,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 9,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 10,	0.225	0.180	0.100	0.200	0.035	0.015	...	...	...	0.055	0.005	0.050	...	0.030	...	...	...	0.010	...	...	...	0.005	0.070	0.010	0.095	1
" 11,	0.005	...	0.010	...	...	...	...	...	...	...	...	...	...	...	...	...	0.325	0.205	...	...	...	...	...	...	1.425	4
" 12,	...	...	...	0.250	0.150	0.020	0.695	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.015	1
" 13,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1.115	3
" 14,	...	...	...	...	...	...	...	...	0.015	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 15,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.175	...	...	...	...	0.190	1
" 16,	...	...	...	...	0.010	0.035	0.040	...	...	...	...	...	0.005	0.045	0.145	...	...	0.265	...	...	...	...	0.025	0.020	0.590	2
" 17,	...	...	0.045	0.005	...	0.125	0.040	...	0.015	0.030	0.055	...	...	...	...	...	...	...	...	...	...	...	...	...	0.315	3
" 18,	0.030	...	...	...	...	...	...	...	...	...	...	...	0.030	0.005	...	...	...	...	...	...	...	...	...	...	0.065	1
" 19,	...	...	...	...	...	...	...	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	...
" 20,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 21,	0.005	0.100	0.110	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2.685	3
" 22,	...	...	0.010	0.070	0.005	0.005	...	...	...	...	...	...	...	...	...	1.800	0.580	0.090	...	...	...	...	...	...	0.195	1
" 23,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.105	...	...	...	...	...	...
" 24,	...	...	...	0.125	0.005	0.060	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.190	1
" 25,	...	...	...	...	...	...	...	...	...	0.030	0.350	0.095	0.025	...	...	...	...	...	...	...	...	...	...	...	0.480	3
" 26,	...	0.010	0.030	...	...	...	...	0.005	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.050	1
" 27,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.030	...	...	...	...	...	...	0.050	0.080	...
" 28,	...	0.200	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.060	0.260	1
" 29,	...	...	...	...	...	...	...	...	...	...	0.010	0.700	0.010	...	...	...	...	...	...	...	...	...	...	...	0.720	1
" 30,	...	...	...	...	...	...	0.015	...	...	...	...	...	0.005	0.010	...	...	...	...	...	...	...	...	...	...	0.030	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	0.265	0.490	0.305	0.650	0.205	0.260	0.790	0.005	0.040	0.115	0.400	0.845	0.075	0.090	0.145	1.800	0.935	0.570	...	0.280	...	0.005	0.095	0 140	8.505	27

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND, FOR THE MONTH OF SEPTEMBER, 1909.

Date.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.		7 a.		8 a.		9 a.		10 a.		11 a.		Noon.		1 p.		2 p.		3 p.		4 p.		5 p.		6 p.		7 p.		8 p.		9 p.		10 p.		11 p.		Midt.		Vel.		Dir.
	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Sums.	Means.	Means.
Sept. 1,	...	0	...	0	...	1	...	0	...	0	...	0	...	0	15	2	24	4	25	6	22	5	24	5	9	10	8	12	14	7	8	8	15	8	15	6	15	4	10	2	...	0	...	1	...	0	...	0	81	3.4	13
" 2,	10	2	...	1	...	0	...	0	...	0	...	0	..	0	...	1	10	6	10	9	9	13	8	15	8	17	8	16	8	15	8	16	8	12	8	11	9	6	9	5	...	1	9	2	9	4	...	0	152	6.3	8
" 3,	...	0	...	0	...	0	...	0	...	1	...	0	...	0	9	2	9	8	9	13	8	14	9	12	8	13	8	14	8	14	8	12	9	11	9	10	9	5	9	3	9	4	9	3	9	4	...	1	144	6.0	9
" 4,	...	1	...	1	...	0	...	0	...	0	...	1	...	0	...	0	9	2	23	5	8	9	9	10	26	8	25	8	12	5	8	6	10	7	9	9	9	5	10	3	10	2	10	3	...	4	10	3	89	3.7	9
" 5,	10	4	...	0	...	1	...	0	...	0	...	1	...	0	14	2	19	2	24	5	13	9	28	11	27	7	22	3	18	2	...	1	11	5	9	4	11	3	10	10	10	8	10	6	9	7	9	6	97	4.0	11
" 6,	...	1	...	0	...	0	...	0	...	0	...	0	16	4	8	9	8	8	8	12	8	10	8	12	8	15	7	18	8	14	7	14	8	13	9	7	9	3	11	2	11	5	...	1	11	2	...	0	150	6.2	8
" 7,	...	0	...	0	...	9	...	1	...	0	...	0	...	0	...	1	11	4	13	2	10	10	9	10	9	12	9	11	8	12	8	15	8	15	9	7	9	2	...	0	...	0	...	0	...	0	..	0	102	4.3	9
" 8,	...	0	..	1	...	0	...	0	...	1	...	1	...	1	9	6	10	6	8	11	10	14	10	17	9	20	10	21	10	17	10	20	10	18	9	14	5	7	6	8	5	13	7	14	7	18	6	17	245	10.2	9
" 9,	6	13	5	13	7	17	6	12	8	18	7	20	6	18	7	26	7	26	7	34	7	33	6	35	6	36	6	35	7	37	7	35	7	26	7	34	7	32	7	34	7	33	8	33	10	35	9	27	659	27.5	7
" 10,	8	25	11	29	11	21	8	24	9	26	8	15	7	19	7	20	9	19	8	26	8	16	10	13	8	13	8	18	7	14	6	10	5	8	6	9	4	8	9	7	7	10	8	10	6	11	6	10	381	15.9	8
" 11,	7	11	9	12	8	10	8	2	8	6	8	2	...	0	7	3	9	9	7	9	8	13	8	12	8	16	8	13	10	19	8	13	8	17	8	16	9	15	10	10	11	8	8	12	10	10	13	5	243	10.1	9
" 12,	11	4	11	2	15	3	4	6	3	4	...	1	19	6	11	5	7	19	7	17	7	19	7	26	8	19	7	21	7	18	8	20	10	14	10	12	9	7	8	10	8	10	10	7	10	5	10	8	263	11.0	8
" 13,	10	4	10	3	10	4	...	0	...	0	..	0	9	6	7	8	7	12	7	13	9	13	9	15	10	20	9	18	8	16	8	18	8	13	9	11	9	10	11	5	8	6	8	2	8	3	11	4	204	8.5	9
" 14,	11	5	...	1	...	0	...	0	...	0	...	0	...	1	10	6	9	10	6	11	9	11	9	8	8	6	8	5	9	4	13	5	18	5	20	3	18	2	18	5	7	3	14	4	14	2	14	3	100	4.2	10
" 15,	26	3	26	5	27	3	...	1	23	4	24	6	28	8	30	9	31	12	26	16	27	14	26	14	28	15	28	13	28	16	26	12	25	8	26	4	30	5	19	4	25	4	27	12	27	11	27	14	213	8.9	27
" 16,	27	10	27	9	26	7	27	4	...	1	8	4	12	7	8	10	8	12	8	17	8	17	10	25	10	19	8	19	7	23	8	23	8	22	11	18	11	20	10	24	11	24	10	23	10	26	9	22	386	16.1	9
" 17,	11	17	10	23	7	17	9	26	8	23	8	31	9	25	10	22	10	16	7	27	7	26	7	27	7	29	7	26	7	25	7	19	7	21	7	23	8	23	9	19	8	25	8	24	8	23	8	20	557	23.2	8
" 18,	8	17	5	16	6	12	7	13	7	16	5	8	4	5	7	5	10	4	9	5	24	6	23	6	23	12	26	7	28	8	24	8	24	6	24	6	22	3	22	2	...	0	18	2	23	9	23	6	182	7.6	3
" 19,	25	5	25	7	26	7	26	7	25	9	27	8	27	8	25	8	24	8	26	13	28	14	27	13	27	13	27	15	25	18	27	11	28	7	27	7	28	7	31	4	31	3	...	1	31	6	31	4	203	8.5	27
" 20,	31	5	31	2	32	2	1	5	3	6	7	3	11	4	6	8	8	8	10	7	11	10	8	19	8	19	8	16	9	15	7	16	6	16	7	16	7	18	6	16	5	18	7	16	6	15	6	14	274	11.4	7
" 21,	7	15	6	7	8	8	9	3	9	2	9	3	...	1	...	0	...	1	25	4	24	8	24	6	21	8	23	6	22	6	24	11	27	3	...	1	27	2	23	3	...	1	28	3	26	4	27	4	110	4.6	25
" 22,	27	4	25	5	25	4	25	4	...	1	...	0	29	2	23	6	26	9	26	6	24	4	24	7	19	10	17	11	18	8	19	2	19	2	17	6	16	4	15	3	18	3	19	4	21	6	27	7	118	4.9	22
" 23,	29	2	...	0	...	1	...	1	29	2	...	1	24	4	27	4	27	5	23	5	24	5	23	8	20	9	16	11	18	10	16	9	17	5	17	6	17	5	15	4	16	3	16	2	22	6	24	5	118	4.7	20
" 24,	22	6	19	6	20	8	20	9	28	8	28	4	28	2	27	4	28	4	26	7	27	8	28	6	25	16	21	9	20	8	21	9	17	9	18	8	19	4	19	4	23	6	24	5	...	1	...	1	146	6.1	23
" 25,	...	1	...	0	...	0	...	1	17	2	...	1	...	1	...	1	11	5	16	4	22	9	25	7	29	7	28	5	29	2	29	2	29	2	...	1	...	0	29	2	29	3	...	1	32	4	4	2	63	2.6	27
" 26,	10	5	11	3	...	0	5	2	5	3	5	2	5	3	6	3	7	7	8	5	11	8	8	9	8	13	13	12	13	13	13	10	12	9	11	7	8	7	8	3	8	5	11	4	5	4	9	6	143	6.0	10
" 27,	10	8	8	14	8	15	7	11	9	17	7	17	7	21	7	23	8	23	8	25	8	21	7	20	7	21	7	22	8	22	8	21	8	19	8	23	9	21	8	19	9	22	10	20	9	21	10	19	465	19.4	8
" 28,	8	11	11	17	8	10	8	8	9	8	8	11	10	10	12	12	10	17	9	24	13	15	11	16	15	15	14	9	16	11	16	10	5	4	8	3	8	5	8	12	9	7	7	6	7	2	11	6	249	10.4	11
" 29,	4	4	12	2	12	2	3	4	3	3	3	4	8	7	8	6	7	12	8	13	8	14	15	15	3	2	3	3	11	2	16	8	16	4	...	0	12	3	...	1	12	6	12	6	9	8	9	6	135	5.6	9
" 30,	10	4	8	7	8	4	..	1	8	6	6	8	6	8	9	8	9	14	5	15	8	12	8	15	8	15	12	11	6	10	10	11	9	13	8	8	9	4	...	6	...	0	...	1	9	2	6	7	184	7.7	8
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	...	187	...	186	...	157	...	145	...	167	...	152	...	171	...	220	...	292	...	366	...	380	...	414	...	429	...	408	...	391	...	375	...	322	...	287	...	240	...	224	...	233	...	228	...	250	...	227	6451	268.8	...
Means,	...	6.2	...	6.2	...	5.2	...	4.8	...	5.6	...	5.1	...	5.7	...	7.3	...	9.7	...	12.2	...	12.7	...	13.8	...	14.3	...	13.6	...	13.0	...	12.5	...	10.7	...	9.6	...	8.0	...	7.5	...	7.8	...	7.6	...	8.3	...	7.6	215.0	9.0	...

TABLE VIII.

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 a.			4 a.			7 a.			10 a.		
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction
1909.												
Sept. 1, ...	1	c-str.	...	5	c-str. / c-cum.	SE / NE	4	sm-cum. / cum.	SSE	6	c-cum. / cum.	S
„ 2, ...	1	cum.	...	1	cum.	...	4	c-str.	ENE	4	c-str. / cum.	SE
„ 3, ...	3	cum.	SE	4	cum.	SE	4	cum.	ESE	5	cum.	ESE
„ 4, ...	1	cum.	SE	0	...	...	4	c-str. / cum.	E / SE	4	cum.	...
„ 5, ...	1	c-cum.	...	5	c-str.	ENE	7	c-str. / cum.	ENE / SE	10	c-str. / cum.	ENE / SE
„ 6, ...	7	c-str. / cum.	...	10	sm-cum. / cum.	NE / ..	8	c-str. / cum.	ESE	6	sm-cum. / cum.	NNE / ESE
„ 7, ...	4	c-str.	...	2	c-str. / cum.	...	1	c-cum. / cum.	...	8	cum.	SE
„ 8, ...	3	c-cum. / cum.	...	1	c-cum.	...	6	c-str. / cum.	NE / ..	3	c-str. / cum.	ENE
„ 9, ...	5	cum.	...	4	c-cum.	E	6	cum.	E	8	cum.	E
„ 10, ...	10	nim.	E	10	nim.	E	10	cum-nim.	E	10	nim.	ESE
„ 11, ...	10	nim.	...	2	cum.	...	6	c-str. / cum.	ESE	7	cum.	SE
„ 12, ...	5	cum.	ESE	10	nim.	E	10	nim.	E	9	cum. / nim.	E / E
„ 13, ...	2	cum.	...	2	cum.	...	3	c-str. / cum.	E	3	cum.	E
„ 14, ...	0	...	...	10	cum.	ENE	10	cum.	NE	10	cum.	NE
„ 15, ...	1	cum.	...	3	cum.	...	8	c-str.	SE	8	c-str.	SE
„ 16, ...	10	nim.	...	10	cum.	...	10	nim.	S	10	cum.	SSE
„ 17, ...	10	cum-nim.	ESE	10	cum-nim.	E	10	nim.	E	10	nim.	ESE
„ 18, ...	3	cum.	...	2	cum.	E	8	cum.	ENE	8	c-str. / cum.	NE
„ 19, ...	4	c-str.	...	3	c-str.	...	7	sm-cum.	E	8	sm-cum. / cum.	E / ..
„ 20, ...	7	cum.	...	0	...	...	6	sm-cum. / cum.	WSW / ..	8	cum.	E
„ 21, ...	8	nim.	E	5	cum.	E	9	sm-cum. / cum.	E	10	sm-cum. / cum.	E / E
„ 22, ...	9	cum.	...	9	cum-nim.	...	10	cum-nim.	N	10	cum.	...
„ 23, ...	9	cum.	WSW	4	cum.	SW	9	c-cum. / cum.	WSW	8	c-str. / sm-cum. / cum.	.. / W / WSW
„ 24, ...	10	cum.	WSW	7	cum.	SW	10	c-str. / cum.	SW	10	c-str. / cum.	SW
„ 25, ...	8	cum.	...	10	cum.	...	9	sm-cum. / cum.	...	10	nim.	S
„ 26, ...	5	c-str. / cum.	S	7	cum.	SSW	10	c-str. / cum.	...	9	c-str. / cum.	S
„ 27, ...	7	c-str. / cum.	E	8	cum.	E	7	c-str. / cum.	E	4	cum.	ESE
„ 28, ...	9	cum.	SE	10	cum.	SE	4	c-str. / cum.	SE	8	cum.	SE
„ 29, ...	4	c-str. / cum.	...	1	cum.	...	3	cum.	...	3	cum.	SE
„ 30, ...	1	cum.	...	4	cum.	E	8	cum. / nim.	E / ESE	7	cum.	ENE
.....	...	...	...	...	...	...	...	...	...	...	...	...
Means,...	5.3	...	...	5.3	...	...	7.0	...	...	7.5	...	...

TABLE VIII.—*Continued.*

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 p.			4 p.			7 p.			10 p.			Means.
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	
1909.													
Sept. 1,...	3	sm-cum. / cum.	NNE / SE	1	cum.	...	0	...	...	0	...	...	2.5
„ 2,...	3	c-str. / cum.	SSE	1	cum.	...	0	...	...	0	...	...	1.7
„ 3,...	3	cum.	...	1	cum.	...	0	...	...	0	...	...	2.5
„ 4,...	5	cum.	SSE	7	c-str. / cum.	ENE	5	c-str. / sm-cum.	...	6	cum.	ENE	4.0
„ 5,...	10	cum. / cum.	ENE / SE	7	sm-cum. / cum.	NE / ESE	6	c-str. / cum.	NE	2	cum.	...	6.0
„ 6,...	5	c-str. / cum.	N / SE	5	c-str. / cum.	SE	4	c-str.	NNE	3	c-str.	...	6.0
„ 7,...	5	c-str. / cum.	E	9	c-str. / cum.	SE	4	c-str. / c-cum.	...	1	c-str.	...	4.3
„ 8,...	4	c-str. / cum.	...	3	c-str. / cum.	...	3	sm-cum.	ENE	2	c-str.	...	8.1
„ 9,...	5	cum.	E	10	nim.	E	9	cum.	E	6	cum.	E	6.6
„ 10,...	10	cum.	SE	10	cum.	SE	10	cum.	SE	8	cum.	SE	9.7
„ 11,...	10	cum.	SE	10	cum.	SE	3	cum.	SE	4	cum.	SE	6.5
„ 12,...	7	cum.	E	10	cum.	ESE	1	cum.	...	2	cum.	...	6.8
„ 13,...	4	c-str. / cum.	...	4	c-str. / cum.	...	6	c-str. / cum.	...	2	c-str. / cum.	...	3.2
„ 14,...	8	cum.	NE	6	cum. / cum.	W / NNE	2	cum.	...	5	cum.	...	6.4
„ 15,...	10	c-str. / c-cum.	E / ENE	10	c-str. / cum	NW	10	nim.	...	8	cum.	...	7.3
„ 16,...	10	cum. / nim.	SE	10	cum.	ESE	10	cum.	ESE	9	cum.	ESE	9.9
„ 17,...	9	c-cum. / cum.	E	9	c-str. / cum.	E	2	c-str.	...	9	cum.	E	8.6
„ 18,...	10	cum. / nim.	NE / NW	10	c-str.	...	10	c-str.	...	7	c-str.	...	7.2
„ 19,...	9	sm-cum. / cum.	E / N	10	sm-cum. / cum.	N	10	cum.	N	8	cum.	...	7.4
„ 20,...	9	sm-cum. / cum.	E	8	sm-cum. / cum.	E	3	cum.	E	3	cum.	E	5.5
„ 21,...	10	cum.	NNE	10	nim.	NNW	10	cum-nim.	...	9	cum.	...	8.9
„ 22,...	10	cum.	W	10	cum.	WSW	10	cum.	WSW	10	cum.	WSW	9.8
„ 23,...	9	c-str. / sm-cum. / cum.	.. / W / SW	7	c-str. / sm-cum. / cum.	W / SW	8	c-str. / cum.	SW	8	c-str. / cum.	SW	7.7
„ 24,...	9	c-str. / sm-cum. / cum.	.. / E / SW	9	sm-cum. / cum.	E / WSW	10	sm-cum.	...	7	c-str. / cum.	...	9.0
„ 25,...	10	cum. / nim.	S	8	cum.	SSW	7	sm-cum. / cum.	SW	7	sm-cum.	ESE	8.6
„ 26,...	7	c-str. / cum.	S	7	c-str. / cum.	S	2	cum.	SE	1	c-str.	...	6.0
„ 27,...	7	c-str. / cum.	E	9	c-str. / cum.	E	7	cum.	E	8	cum.	E	7.1
„ 28,...	7	c-str. / cum.	SSE	9	cum.	SSE	5	cum.	SSE	3	cum.	SE	6.9
„ 29,...	9	cum.	SE	8	sm-cum. / cum.	ENE / SE	2	sm-cum.	...	3	cum.	SSE	4.1
„ 30,...	7	cum. / nim.	SE	4	cum.	ESE	1	cum.	...	3	cum.	E	4.4
.....	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,...	7.5	...	...	7.4	...	...	5.3	...	...	4.8	...	...	6.3

TABLE IX.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR THE MONTH OF SEPTEMBER, 1909.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N −S	+E −W	
1 a.	1.0	4.7	0.9	0.9	+ 0.1	+ 3.8	E 1° N
2 „	1.0	4.3	1.5	0.9	− 0.5	3.4	E 9° S
3 „	0.7	3.8	0.8	0.8	− 0.1	3.0	E 1° S
4 „	1.0	3.6	0.4	0.6	+ 0.6	2.9	E 11° N
5 „	0.8	4.4	0.4	0.7	0.4	3.7	E 6° N
6 „	0.9	4.1	0.0	0.5	0.8	3.6	E 13° N
7 „	1.2	4.2	0.9	0.7	0.4	3.4	E 6° N
8 „	1.2	5.8	1.0	0.8	+ 0.2	5.1	E 2° N
9 „	1.1	8.1	1.3	1.1	− 0.2	7.0	E 1° S
10 „	1.7	9.5	0.8	2.1	+ 0.9	7.4	E 7° N
11 „	1.2	9.7	1.7	2.2	− 0.5	7.5	E 4° S
Noon.	1.7	10.3	2.0	2.5	0.3	7.8	E 2° S
1 p.	2.0	10.3	1.9	2.7	0.0	7.7	E
2 „	1.9	10.0	2.3	1.9	0.4	8.1	E 3° S
3 „	1.7	9.6	2.6	1.9	0.9	7.7	E 7° S
4 „	1.1	9.4	1.9	1.6	0.8	7.8	E 6° S
5 „	1.1	8.5	2.1	0.9	1.0	7.6	E 8° S
6 „	0.7	7.8	1.9	0.8	1.2	7.0	E 10° S
7 „	1.0	6.5	1.6	0.5	0.6	6.0	E 6° S
8 „	0.7	6.2	1.7	0.4	0.9	5.8	E 9° S
9 „	1.1	6.5	1.4	0.5	0.3	6.0	E 3° S
10 „	0.5	6.2	1.4	0.7	0.8	5.5	E 9° S
11 „	1.1	6.4	1.6	1.1	− 0.5	5.3	E 5° S
Midt.	1.3	5.7	1.2	1.1	+ 0.1	+ 4.6	E 1° N
Means,.....	1.2	6.9	1.4	1.2	−0.23	+5.74	E 2° S

PHENOMENA :—

Solar halo :—on the 7th, 15th, 23rd and 24th.

Lunar halo :—on the 23rd and 26th.

Lunar Corona :—on the 27th.

Dew :—on the 2nd, 4th, 7th, 8th, 15th, 25th and 30th.

Rainbow :—on the 15th, 27th, 28th and 30th.

Lightning without thunder :—on the 6th, 8th, 9th, 10th, 11th, 19th, 20th, 24th and 27th.

Thunder without lightning :—on the 5th.

Thunderstorms :—on the 12th 6.10a—7.56a, NNW—SSE, nearest at 7.32a (12s) ; 13th 6.32p—6.50p, in NW, distant ; 14th 7.25p—8.50p N—S, nearest at 8.25p (4s) ; 15th 10.30p—16th 2.30a, in SSE, distant ; 16th 11.15p—Midt, S—N, nearest at 11.40p (8s) ; 17th 8.58a—9.50a, in NE, nearest at 9.44a (9s) ; 21st 4p—5.25p, NW—SE, nearest at 4.8p (½s) ; 25th 10.15a—12.30p, in NW, distant.

TABLE I.

BAROMETRIC PRESSURE, FOR THE MONTH OF OCTOBER, 1909.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.
Oct. 1,...	29.847	29.838	29.831	29.835	29.844	29.864	29.881	29.902	29.911	29.917	29.909	29.895	29.874	29.858	29.840	29.843	29.842	29.843	29.856	29.878	29.895	29.896	29.897	29.881	29.870
„ 2,...	.862	.851	.847	.842	.842	.855	.866	.877	.873	.857	.839	.808	.779	.747	.729	.711	.712	.727	.724	.720	.717	.718	.711	.713	.789
„ 3,...	.699	.681	.652	.630	.657	.669	.673	.681	.691	.675	.665	.646	.603	.590	.575	.572	.579	.587	.595	.601	.617	.618	.613	.592	.632
„ 4,...	.580	.571	.568	.565	.569	.587	.613	.619	.635	.633	.627	.634	.609	.595	.617	.629	.626	.629	.650	.668	.673	.672	.668	.666	.621
„ 5,...	.653	.645	.643	.646	.673	.688	.707	.727	.740	.748	.751	.737	.724	.709	.696	.697	.709	.728	.743	.762	.770	.766	.772	.772	.717
„ 6,...	.767	.756	.756	.753	.759	.784	.800	.822	.830	.826	.814	.803	.778	.771	.772	.780	.797	.796	.818	.825	.832	.839	.835	.824	.797
„ 7,...	.820	.814	.804	.808	.812	.829	.836	.847	.856	.862	.854	.832	.803	.784	.772	.772	.772	.780	.801	.826	.839	.842	.842	.843	.819
„ 8,...	.823	.808	.795	.798	.808	.823	.837	.859	.864	.868	.855	.831	.794	.782	.767	.768	.767	.780	.800	.816	.826	.826	.818	.813	.814
„ 9,...	.798	.776	.762	.763	.781	.801	.815	.834	.846	.850	.834	.823	.788	.769	.757	.757	.753	.771	.784	.807	.817	.830	.823	.815	.798
„ 10,...	.797	.788	.775	.773	.782	.795	.821	.832	.847	.848	.830	.805	.785	.777	.771	.771	.773	.773	.791	.804	.819	.821	.817	.813	.800
„ 11,...	.807	.791	.782	.781	.785	.811	.827	.839	.853	.864	.866	.847	.825	.801	.795	.805	.809	.824	.835	.865	.881	.884	.877	.869	.830
„ 12,...	.849	.835	.825	.819	.824	.850	.867	.888	.894	.898	.887	.870	.849	.826	.816	.813	.822	.839	.860	.881	.893	.889	.891	.884	.857
„ 13,...	.858	.849	.837	.835	.845	.859	.836	.905	.916	.910	.897	.870	.844	.823	.813	.815	.823	.831	.846	.863	.877	.877	.880	.870	.860
„ 14,...	.859	.850	.846	.847	.860	.867	.882	.893	.900	.899	.885	.860	.831	.810	.788	.785	.794	.804	.820	.835	.848	.844	.849	.843	.846
„ 15,...	.834	.821	.820	.819	.838	.855	.866	.886	.900	.900	.882	.870	.844	.824	.814	.817	.820	.828	.836	.857	.864	.863	.864	.855	.849
„ 16,...	.844	.839	.835	.837	.846	.866	.878	.888	.902	.902	.878	.850	.819	.797	.779	.777	.782	.784	.802	.822	.833	.833	.825	.809	.834
„ 17,...	.787	.772	.765	.762	.765	.769	.788	.797	.796	.788	.759	.725	.682	.651	.626	.623	.623	.628	.641	.652	.649	.644	.626	.622	.706
„ 18,...	.584	.571	.556	.542	.553	.570	.575	.592	.593	.581	.541	.507	.462	.441	.423	.441	.429	.435	.442	.447	.456	.448	.429	.414	.501
„ 19,...	.402	.383	.371	.369	.378	.357	.356	.364	.367	.358	.308	.259	.198	.142	.136	.121	.101	.121	.140	.173	.154	.147	.216	.230	.256
„ 20,...	.252	.305	.328	.351	.393	.439	.469	.500	.523	.541	.545	.533	.515	.510	.507	.527	.545	.567	.591	.624	.647	.662	.665	.668	.509
„ 21,...	.661	.659	.647	.656	.685	.703	.719	.738	.759	.764	.752	.738	.716	.707	.701	.701	.710	.727	.751	.773	.780	.781	.778	.777	.724
„ 22,...	.770	.773	.770	.775	.791	.800	.816	.828	.839	.844	.834	.812	.786	.773	.777	.787	.799	.810	.819	.844	.856	.869	.872	.871	.813
„ 23,...	.858	.854	.851	.854	.869	.887	.909	.925	.932	.942	.917	.893	.863	.853	.852	.862	.878	.888	.897	.910	.928	.936	.932	.929	.892
„ 24,...	.898	.904	.897	.888	.892	.905	.918	.932	.935	.927	.896	.872	.842	.813	.803	.794	.800	.804	.821	.843	.855	.853	.834	.819	.864
„ 25,...	.801	.786	.785	.774	.766	.763	.767	.777	.778	.767	.747	.725	.686	.645	.614	.606	.588	.611	.601	.644	.648	.652	.628	.638	.700
„ 26,...	.639	.612	.607	.622	.658	.689	.710	.746	.773	.783	.773	.766	.744	.730	.733	.743	.763	.771	.799	.823	.849	.860	.863	.858	.746
„ 27,...	.845	.836	.836	.837	.852	.867	.889	.905	.919	.923	.913	.883	.856	.833	.822	.823	.829	.843	.852	.875	.886	.886	.892	.882	.866
„ 28,...	.876	.869	.862	.861	.865	.883	.904	.926	.947	.957	.945	.918	.880	.853	.844	.847	.858	.866	.885	.906	.924	.931	.929	.927	.894
„ 29,...	.917	.909	.908	.917	.922	.940	.948	.968	.985	.991	.973	.957	.929	.918	.915	.915	.923	.932	.957	.979	.978	.980	.973	.961	.946
„ 30,...	.952	.948	.943	.942	.917	.957	.981	.987	30.003	30.003	.987	.959	.929	.911	.893	.897	.910	.915	.942	.966	.973	.977	.960	.955	.952
„ 31,...	94.4	.939	.939	.930	.936	.954	.961	.964	29.977	29.982	.965	.942	.919	.901	.903	.910	.920	.920	.935	.955	.966	.969	.966	.958	.944
Means,.....	29.770	29.762	29.756	29.756	29.768	29.784	29.799	29.814	29.825	29.826	29.811	29.789	29.760	29.740	29.731	29.733	29.737	29.747	29.762	29.782	29.792	29.794	29.792	29.786	29.776

TABLE II.

TEMPERATURE, FOR THE MONTH OF OCTOBER, 1909.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.	Max.	Min.
Oct. 1,	80.3	80.1	80.2	80.1	80.0	79.6	80.2	82.0	82.9	83.9	83.4	84.4	84.2	84.2	83.9	83.2	83.8	82.0	82.0	82.2	81.7	82.2	82.0	82.0	82.1	85.2	79.2
„ 2,	81.3	81.0	79.6	79.4	79.5	79.4	79.9	80.4	83.0	85.0	86.2	87.4	86.0	87.6	87.2	87.8	85.3	84.2	83.3	82.9	83.2	81.9	82.0	81.2	83.1	87.8	78.6
„ 3,	81.2	81.0	81.0	81.0	79.9	79.7	81.3	82.2	82.8	84.0	84.2	84.2	84.8	85.0	84.1	83.8	83.9	84.0	83.8	83.6	83.4	83.2	83.2	82.2	82.8	85.8	79.0
„ 4,	81.5	81.9	81.4	81.4	81.2	81.4	78.2	80.2	78.4	80.2	78.2	78.2	78.4	78.4	74.2	74.9	75.4	76.7	76.7	77.2	78.2	79.2	78.8	78.8	78.7	81.9	73.7
„ 5,	79.0	78.5	78.0	79.6	79.7	79.6	80.2	80.7	81.0	82.6	82.3	81.7	81.4	81.7	81.7	81.4	81.2	80.3	80.5	80.4	80.0	80.2	76.0	75.0	80.1	83.0	75.0
„ 6,	75.0	75.1	74.9	75.6	74.2	74.0	75.5	77.3	80.2	80.0	81.2	81.5	82.2	81.2	81.0	80.2	79.2	77.9	77.3	75.9	75.2	74.7	74.3	73.5	77.4	83.2	73.5
„ 7,	73.0	73.2	72.8	72.7	72.4	72.2	72.9	74.2	76.7	77.4	78.2	78.3	80.2	80.7	80.4	80.4	79.8	78.9	78.3	78.3	78.2	77.7	77.0	77.4	76.7	81.3	71.8
„ 8,	77.6	76.9	76.0	75.4	75.4	75.7	76.4	77.0	78.5	78.2	78.0	78.0	78.9	78.9	79.0	78.9	78.4	78.2	78.3	78.0	77.7	77.6	77.2	77.0	77.5	80.6	74.8
„ 9,	76.8	76.8	77.0	76.8	76.2	76.3	76.8	77.1	77.0	76.4	75.3	75.2	76.8	76.5	77.0	77.2	77.2	77.3	77.8	77.8	78.2	78.1	77.6	77.8	77.0	78.2	74.5
„ 10,	78.0	77.3	77.6	76.9	76.3	76.7	76.0	76.8	77.8	78.0	78.4	79.2	79.2	79.4	79.7	79.4	79.3	78.2	78.5	78.8	78.8	78.8	78.9	78.5	78.2	80.3	75.7
„ 11,	77.9	78.2	77.9	77.6	77.5	76.8	77.2	78.1	78.8	78.5	78.9	79.4	78.9	78.2	78.6	78.0	78.7	78.7	78.4	78.2	78.3	78.2	78.2	77.9	78.2	79.6	76.2
„ 12,	77.7	77.4	76.9	76.9	77.0	76.8	78.0	81.2	81.7	83.4	83.2	83.0	81.9	83.2	82.5	81.2	80.3	79.2	78.4	78.3	78.0	77.6	77.7	77.0	79.5	84.1	76.7
„ 13,	76.0	75.8	75.9	76.0	76.5	76.3	77.4	80.2	81.7	83.2	83.9	85.0	83.5	84.2	84.0	82.2	81.2	79.9	79.0	78.9	78.4	78.4	78.7	78.5	79.8	85.0	75.8
„ 14,	78.6	78.2	78.3	78.4	78.2	78.2	79.4	82.2	82.2	82.3	82.2	83.0	82.2	81.7	81.8	81.2	80.6	79.7	79.1	79.2	79.1	79.0	78.5	77.7	80.0	83.0	77.6
„ 15,	76.6	76.9	76.6	75.2	75.3	75.2	76.9	76.7	77.2	78.5	79.8	79.1	79.2	78.7	79.0	78.8	78.1	78.2	78.0	78.0	78.0	78.2	78.6	78.1	77.7	80.0	75.0
„ 16,	78.6	78.4	78.2	77.9	78.2	78.2	78.2	81.2	81.2	82.2	82.0	83.8	83.2	83.2	81.2	80.9	79.8	78.6	78.5	78.9	79.0	78.9	78.8	78.8	79.9	83.8	77.5
„ 17,	78.8	78.5	78.4	78.0	78.2	77.7	78.3	80.2	81.7	84.0	85.2	85.4	85.5	85.2	85.7	85.1	84.2	83.2	82.3	82.0	81.9	81.0	79.7	79.7	81.7	87.1	77.1
„ 18,	80.7	79.1	80.6	79.7	79.1	78.9	79.2	81.5	83.2	85.3	86.2	88.5	89.4	88.8	89.2	88.5	87.2	86.6	86.0	85.7	85.8	85.3	84.4	84.4	84.3	90.5	78.2
„ 19,	83.7	83.1	83.0	81.5	81.6	80.6	79.9	77.4	76.8	76.2	76.8	77.4	77.7	77.2	77.2	76.2	77.7	77.2	77.0	77.2	78.2	77.7	77.2	77.4	78.6	83.8	76.0
„ 20,	78.3	78.2	78.1	78.2	78.5	78.2	76.2	77.2	77.0	75.2	76.6	77.4	76.2	76.9	77.5	77.5	78.2	78.4	78.4	78.2	78.3	78.0	78.9	77.2	77.6	78.9	75.2
„ 21,	76.7	76.2	76.2	76.2	74.5	74.0	74.3	75.6	76.3	77.7	77.6	77.6	78.2	79.4	77.2	76.0	74.2	73.1	72.2	71.2	70.7	71.0	69.9	69.2	74.8	79.5	69.2
„ 22,	69.9	69.7	68.5	68.2	67.9	67.4	69.2	70.0	71.3	72.9	72.3	72.2	72.2	72.7	73.0	72.2	72.2	71.2	70.7	71.0	70.7	70.1	69.3	69.4	70.6	73.3	67.4
„ 23,	69.2	69.2	69.2	68.9	68.9	68.2	69.2	70.5	71.0	67.9	70.4	73.9	76.0	74.7	74.2	72.2	70.0	70.3	69.9	69.7	70.0	69.8	69.9	69.4	70.5	76.0	67.9
„ 24,	69.9	69.6	69.5	69.2	68.5	68.0	69.1	71.2	72.9	75.0	75.9	77.5	78.2	78.7	79.0	78.2	78.2	76.2	76.4	75.7	75.8	76.2	76.2	74.2	74.1	79.0	68.0
„ 25,	74.5	73.2	73.4	73.7	73.3	74.0	75.2	78.0	78.7	77.0	77.2	77.1	76.2	76.4	78.9	78.3	77.4	78.2	77.5	77.6	79.3	79.5	80.4	80.0	76.9	80.4	72.4
„ 26,	79.7	79.4	80.2	78.4	79.0	78.2	78.2	80.4	81.2	77.2	81.2	81.4	81.2	81.4	81.0	80.7	79.9	79.3	79.2	79.2	79.2	79.2	79.1	78.5	79.7	81.4	76.6
„ 27,	78.3	78.6	78.2	78.6	78.4	78.4	79.2	80.5	81.4	81.7	83.7	84.2	84.9	84.2	84.3	81.0	80.2	79.7	79.2	78.2	78.2	78.6	78.7	78.2	80.3	84.9	77.7
„ 28,	76.9	77.2	76.4	75.7	75.5	74.5	75.2	74.4	73.2	72.2	73.2	74.7	76.5	77.9	78.2	77.2	75.9	75.2	74.9	74.2	74.0	74.2	73.5	73.2	75.2	78.2	71.3
„ 29,	72.8	72.5	72.2	71.4	71.6	71.2	71.7	72.2	74.0	74.9	76.2	78.4	76.3	76.2	76.0	75.3	74.5	74.2	72.3	71.7	70.3	70.4	69.4	68.9	73.1	78.4	68.7
„ 30,	68.4	68.2	67.5	67.2	67.3	67.2	68.3	69.2	71.2	72.2	73.7	74.8	75.2	74.7	75.3	74.2	73.7	73.3	73.7	74.1	73.4	73.4	73.2	73.2	71.8	75.3	65.3
„ 31,	73.0	71.6	70.8	70.8	70.2	69.9	69.2	71.7	73.1	74.0	75.0	76.2	77.2	78.5	76.5	75.9	75.4	74.6	74.8	75.2	75.2	75.2	74.5	73.8	73.8	78.5	68.8
Means,	76.8	76.5	76.3	76.0	75.8	75.6	76.0	77.3	78.2	78.6	79.2	79.9	80.1	80.2	80.0	79.3	78.7	78.2	77.8	77.7	77.6	77.5	77.2	76.7	77.8	81.5	74.0

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION, FOR THE MONTH OF OCTOBER, 1909.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.	Solar Max.
Oct. 1, ...	76.5	76.0	75.9	75.3	75.5	75.1	75.7	76.1	76.0	75.9	75.7	76.7	76.5	76.9	77.6	76.9	76.7	76.8	76.9	77.2	77.0	76.9	76.6	76.7	76.4	131.5
" 2, ...	77.2	77.1	77.1	76.6	76.6	76.3	78.1	74.6	76.0	76.9	78.0	78.3	76.9	78.7	77.1	77.9	77.4	76.9	77.2	77.4	75.9	76.8	75.0	73.6	76.8	138.9
" 3, ...	73.3	72.4	72.1	72.1	72.1	72.1	72.5	72.9	72.8	72.8	74.1	74.3	74.2	73.9	73.9	73.4	73.9	74.0	73.9	74.2	73.9	73.9	74.0	73.9	73.4	121.1
" 4, ...	73.9	74.1	74.0	74.0	76.0	74.1	73.9	74.4	74.9	74.7	75.4	75.9	76.1	76.3	73.0	73.2	74.9	74.6	73.4	74.6	74.9	75.6	74.9	74.4	74.6	106.8
" 5, ...	74.8	74.5	74.1	73.3	73.5	72.7	72.9	74.4	73.9	74.5	74.7	74.4	74.3	74.9	74.6	73.3	74.5	74.9	73.6	74.6	75.1	74.6	73.5	73.1	74.3	137.8
" 6, ...	71.7	71.6	71.5	71.5	70.0	70.0	70.1	72.4	73.1	72.3	71.9	72.2	73.7	72.7	72.9	71.3	71.1	70.5	69.7	68.1	67.7	66.9	66.8	67.5	70.7	139.2
" 7, ...	66.5	66.6	65.7	65.6	64.9	65.1	65.7	66.6	67.9	68.2	68.2	67.4	69.9	70.3	70.9	70.3	71.1	71.4	70.7	71.6	72.5	71.6	70.6	69.5	68.7	128.2
" 8, ...	69.7	69.5	68.5	68.2	67.9	66.6	67.9	68.4	69.7	69.4	70.0	70.6	71.2	71.1	71.9	71.7	71.6	71.9	72.0	72.6	72.7	72.3	71.8	71.5	70.4	133.6
" 9, ...	71.6	72.1	72.3	72.3	72.0	71.9	71.9	71.7	72.1	71.9	72.7	72.5	73.7	73.4	73.6	73.2	73.1	73.4	72.7	72.9	72.9	73.7	73.6	73.6	72.7	91.1
" 10, ...	73.7	73.9	73.6	74.0	74.4	74.6	74.6	74.6	74.9	74.7	74.9	75.0	75.3	75.4	75.5	75.9	75.7	75.5	75.6	75.9	75.6	75.9	75.7	75.7	75.0	109.0
" 11, ...	75.5	75.5	75.6	75.2	74.9	74.9	75.7	74.6	74.9	75.1	75.8	76.1	75.7	75.2	74.6	75.0	75.5	75.5	75.7	75.5	75.5	75.9	75.7	75.6	75.4	120.3
" 12, ...	75.4	75.0	74.6	74.6	74.8	74.6	74.9	77.1	76.6	77.4	77.2	76.7	75.1	75.9	76.3	75.2	75.2	76.0	76.1	75.7	75.8	74.6	74.3	73.8	75.5	132.2
" 13, ...	73.5	73.3	73.4	73.4	74.0	72.9	74.5	73.9	74.8	75.4	76.1	75.1	75.2	76.9	75.7	76.4	75.2	75.6	75.2	75.9	75.6	75.6	76.4	76.2	75.0	132.1
" 14, ...	75.7	75.8	75.6	75.6	75.9	75.9	75.7	76.7	76.9	75.9	76.2	77.0	76.9	76.4	75.9	75.9	75.7	75.6	75.5	75.7	76.0	75.0	75.6	75.6	75.9	128.3
" 15, ...	75.6	75.5	75.3	74.4	74.4	73.9	74.9	74.7	74.7	74.4	74.9	74.7	73.4	73.7	73.7	73.2	73.5	73.7	73.5	73.5	74.0	73.9	74.6	74.6	74.3	121.5
" 16, ...	74.6	74.2	74.3	74.1	73.9	73.8	73.0	75.0	74.6	75.6	75.6	75.5	76.6	75.9	74.9	74.7	74.0	72.9	73.6	73.5	73.6	73.5	74.0	74.0	74.4	131.2
" 17, ...	74.3	74.4	74.5	74.5	74.9	74.1	75.2	74.9	75.7	76.7	78.3	78.5	79.2	78.2	78.2	77.9	78.2	77.9	77.8	77.6	77.2	76.9	73.9	72.5	76.3	136.7
" 18, ...	72.1	72.0	71.4	71.1	70.9	70.7	70.7	71.5	72.4	73.1	73.1	74.8	76.7	75.3	74.9	74.4	74.4	74.1	73.9	74.2	74.1	73.9	73.9	73.7	73.2	137.7
" 19, ...	73.7	73.6	73.4	73.3	72.9	73.6	73.1	72.9	72.9	73.5	74.1	74.9	75.3	74.9	75.1	73.9	75.1	75.9	75.9	76.0	76.7	76.0	76.9	76.9	74.6	...
" 20, ...	76.4	75.9	75.5	74.8	74.7	75.1	75.2	75.1	75.1	74.4	74.6	74.9	74.9	74.9	74.6	74.7	75.1	74.6	74.1	74.5	73.2	74.4	72.9	73.0	74.7	...
" 21, ...	72.8	72.6	72.7	72.6	72.9	72.9	72.9	73.7	72.4	72.7	72.0	71.9	73.7	73.5	71.9	71.3	70.4	69.9	68.9	68.9	68.0	67.7	67.6	67.1	71.3	126.8
" 22, ...	66.4	66.3	66.1	64.9	65.5	64.9	66.2	66.8	66.8	67.9	67.9	67.9	67.9	68.1	68.2	66.9	66.8	65.9	66.2	65.9	64.8	64.4	63.9	64.2	66.3	123.1
" 23, ...	64.5	64.3	64.9	64.9	64.6	63.8	63.9	64.9	65.6	66.3	67.6	67.6	69.1	68.9	68.8	67.9	67.2	67.6	66.9	66.2	66.5	66.1	66.4	66.6	66.3	123.3
" 24, ...	66.9	66.9	66.8	66.4	66.0	65.0	65.8	66.1	66.9	68.2	69.5	70.1	70.5	70.9	70.9	70.7	69.9	70.4	69.9	71.1	71.9	72.4	73.1	70.9	69.0	137.0
" 25, ...	71.0	69.9	69.0	68.5	68.8	68.7	69.7	70.9	72.4	72.2	72.9	74.4	72.9	73.6	73.9	74.6	75.2	75.5	75.7	76.0	76.4	76.7	76.0	76.8	73.0	91.4
" 26, ...	76.5	76.1	75.9	75.9	74.6	74.1	74.9	75.4	75.7	76.4	75.5	74.9	75.5	76.0	76.4	76.4	76.4	75.9	76.0	76.0	75.8	76.0	75.9	75.4	75.7	115.8
" 27, ...	75.1	74.9	75.1	75.3	75.2	75.5	75.9	76.7	77.2	77.9	78.1	77.7	78.6	76.9	77.0	77.1	76.9	75.9	76.8	76.6	76.2	76.5	76.6	75.9	76.5	136.0
" 28, ...	75.2	75.7	75.3	74.5	74.5	73.7	74.1	73.4	70.9	69.9	71.4	72.4	73.9	73.2	73.1	72.9	71.7	70.9	69.9	68.9	68.6	67.9	67.2	65.9	71.9	118.7
" 29, ...	65.6	65.1	64.9	64.9	65.4	65.0	65.3	64.9	66.9	67.2	67.7	69.9	68.9	69.2	68.9	68.9	68.9	67.7	67.1	65.9	65.5	64.9	63.9	63.1	66.5	131.8
" 30, ...	62.6	62.8	62.3	62.7	62.3	62.1	63.3	63.9	64.8	65.3	66.2	66.7	66.9	66.9	67.9	67.1	66.8	66.9	68.8	68.8	68.7	68.7	67.9	67.9	65.8	127.0
" 31, ...	67.0	66.1	65.9	66.0	66.1	65.9	65.0	65.7	66.6	66.5	66.9	67.9	68.1	70.0	67.9	69.2	69.0	70.2	70.6	70.6	70.4	70.4	69.9	69.6	68.0	129.1
Means, ...	72.2	72.1	71.8	71.6	71.6	71.3	71.7	72.1	72.6	72.7	73.1	73.4	73.8	73.8	73.5	73.3	73.3	73.2	73.0	73.1	73.0	72.9	72.5	72.2	72.7	125.4

N.B.—Oct. 19th and 20th No record by Solar Radiation Thermometers owing to typhoon.

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR, FOR THE MONTH OF OCTOBER, 1909.

Hours.	Hourly Means.		Date.	Daily Means.	
	Humidity.	Tension.		Humidity.	Tension.
			1909.		
1 a.	79	0.735	Oct. 1,.....	76	0.834
2 „	80	.735	„ 2,.....	74	.838
3 „	79	.726	„ 3,.....	61	.698
4 „	80	.722	„ 4,.....	82	.803
5 „	81	.724	„ 5,.....	75	.771
6 „	80	.715	„ 6,.....	70	.663
7 „	80	.726	„ 7,.....	65	.596
8 „	76	.724	„ 8,.....	69	.650
9 „	75	.732	„ 9,.....	80	.747
10 „	75	.731	„ 10,.....	85	.826
11 „	74	.739	„ 11,.....	87	.843
Noon.	72	.742	„ 12,.....	82	.830
1 p.	73	.756	„ 13,.....	79	.805
2 „	72	.755	„ 14,.....	82	.841
3 „	72	.744	„ 15,.....	84	.804
4 „	74	.745	„ 16,.....	76	.778
5 „	76	.754	„ 17,.....	77	.835
6 „	78	.757	„ 18,.....	57	.669
7 „	79	.754	„ 19,.....	82	.804
8 „	80	.759	„ 20,.....	87	.822
9 „	80	.757	„ 21,.....	84	.721
10 „	79	.754	„ 22,.....	79	.590
11 „	79	.742	„ 23,.....	79	.591
Midt.	79	.736	„ 24,.....	76	.642
			„ 25,.....	82	.760
			„ 26,.....	82	.836
			„ 27,.....	83	.863
			„ 28,.....	85	.739
			„ 29,.....	69	.564
			„ 30,.....	71	.556
			„ 31,.....	73	.609
Mean, ...	77	0.740	Mean, ...	77	0.740

TABLE V.

DURATION OF SUNSHINE.

Date.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Sums.
1909.														
Oct. 1,.....	...	...	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	...	9.7
„ 2,.....	...	...	0.7	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	0.9	...	9.5
„ 3,.....	...	...	0.6	0.1	0.6	...	...	...	0.1	...	...	...	...	1.4
„ 4,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 5,.....	...	...	0.3	1.0	0.9	1.0	1.0	0.2	...	...	...	...	...	4.4
„ 6,.....	...	0.5	0.7	1.0	1.0	1.0	0.9	1.0	0.3	0.3	0.2	...	...	6.9
„ 7,.....	...	0.1	0.9	1.0	0.6	1.0	1.0	1.0	0.9	0.6	1.0	0.5	...	8·6
„ 8,.....	...	...	0.2	0.9	1.0	0.1	...	0.2	...	...	...	...	...	2.4
„ 9,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 10,.....	...	...	...	...	...	0.4	0.4	...	...	0.4	0.4	...	...	1.6
„ 11,.....	...	...	0.2	0.2	0.2	...	...	0.1	0.2	...	...	...	...	0.9
„ 12,.....	...	0.3	0.9	1.0	1.0	0.8	1.0	1.0	1.0	1.0	1.0	0.6	...	9.6
„ 13,.....	...	...	0.9	0.5	1.0	1.0	1.0	1.0	1.0	0.9	0.6	0.4	...	8.3
„ 14,.....	...	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	...	10.3
„ 15,.....	...	...	...	...	...	0.2	...	...	...	...	...	...	...	0.2
„ 16,.....	...	0.2	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.1	...	8.5
„ 17,.....	...	0.2	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	...	9.8
„ 18,.....	...	...	0.1	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.1	...	...	7.1
„ 19,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 20,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 21,.....	...	...	...	...	0.7	0.5	0.1	0.3	0.3	0.2	0.2	...	...	2.3
„ 22,.....	...	0.3	0.6	0.6	0.7	...	0.3	0.6	...	...	...	...	...	3.1
„ 23,.....	...	...	0.2	0.2	...	...	0.4	0.4	...	...	...	...	...	1.2
„ 24,.....	...	0.1	0.7	0.9	0.8	0.9	1.0	1.0	1.0	1.0	1.0	0.9	...	9.3
„ 25,.....	...	...	0.2	...	...	...	...	...	...	...	...	...	...	0.2
„ 26,.....	...	...	...	0.1	0.3	0.8	0.9	0.3	0.5	0.2	...	...	...	3.1
„ 27,.....	...	0.1	0.8	0.8	0.5	1.0	1.0	1.0	1.0	1.0	1.0	0.7	...	8.9
„ 28,.....	...	...	...	...	...	...	...	...	0.6	0.7	0.2	...	...	1.5
„ 29,.....	...	...	0.1	0.1	...	0.2	0.9	0.3	...	...	...	...	...	1.6
„ 30,.....	...	...	...	0.4	0.2	...	0.2	0.6	0.3	0.5	0.5	...	...	2.7
„ 31,.....	...	0.1	0.6	0.8	1.0	0.5	0.1	0.2	0.6	0.5	...	...	...	4.4
Sums,.....	...	2.6	12.3	15.4	16.5	15.4	16.2	15.1	13.8	13.3	10.5	6.4	...	137.5

TABLE VI.

RAINFALL FOR THE MONTH OF OCTOBER, 1909.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Sums.	Duration. Hours.
Oct. 1,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 2,	...	...	0.090	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.090	...
" 3,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	...	...	...	0.005	...
" 4,	...	...	...	...	...	...	...	...	0.005	0.055	0.085	0.015	0.025	0.575	0.700	0.685	0.175	...	...	...	...	...	0.050	...	2.370	6
" 5,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.150	0.110	0.260	1
" 6,	0.030	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.030	1
" 7,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 8,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 9,	...	...	...	...	...	...	...	...	...	0.105	0.090	...	...	...	...	...	...	...	...	...	...	...	...	...	0.195	1
" 10,	...	...	0.030	0.080	0.050	0.060	0.095	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	0.315	2
" 11,	...	...	0.015	...	...	0.170	0.010	...	...	...	0.015	...	...	...	...	0.015	...	...	...	...	...	...	...	...	0.225	1
" 12,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 13,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 14,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.100	0.100	1
" 15,	0.095	0.005	...	0.310	0.470	0.070	0.100	0.070	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1.120	4
" 16,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 17,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 18,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 19,	...	...	...	...	...	...	0.050	0.140	0.200	0.275	0.500	0.300	0.350	0.250	0.200	0.400	0.600	0.800	0.400	0.100	0.300	0.300	0.500	0.700	6.375	17
" 20,	0.700	0.700	0.400	0.400	0.400	0.200	0.200	0.700	0.700	0.830	0.200	0.300	0.300	0.075	0.010	0.015	...	0.100	...	...	...	...	...	0.020	6.250	14
" 21,	...	...	...	0.065	0.030	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.095	1
" 22,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 23,	...	...	...	...	...	...	...	...	...	0.030	...	...	...	...	...	0.010	...	...	...	...	...	...	...	...	0.040	1
" 24,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 25,	...	...	...	...	...	...	...	...	...	0.030	0.020	0.200	0.180	0.010	...	0.390	0.500	0.120	0.230	0.350	...	...	...	0.110	2.140	10
" 26,	...	...	...	0.69.	...	...	...	...	...	0.135	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.825	2
" 27,	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.120	...	...	...	0.120	1
" 28,	0.150	0.700	0.520	0.350	0.350	0.460	0.470	0.255	0.075	0.075	0.005	0.020	...	...	...	...	...	...	...	...	...	...	...	...	3.430	10
" 29,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 30,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 31,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	0.975	1.405	1.055	1.895	1.300	0.960	0.935	1.165	0.980	1.535	0.915	0.835	0.855	0.910	0.910	1.515	1.275	1.020	0.630	0.450	0.425	0.300	0.700	1.040	23.985	73

Oct. 19th 9 p. Pen of recorder broke. 19th 9 p. to 20th 3 p. hourly values entered by aid of observation and spare gauge. Total correct.

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND, FOR THE MONTH OF OCTOBER, 1909.

Date.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.		7 a.		8 a.		9 a.		10 a.		11 a.		Noon.		1 p.		2 p.		3 p.		4 p.		5 p.		6 p.		7 p.		8 p.		9 p.		10 p.		11 p.		Midt.		Vel.		Dir.
	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Sums.	Means.	Means.
Oct. 1,	6	9	5	10	4	10	7	10	5	13	4	11	4	15	6	18	7	22	7	25	7	20	8	19	8	19	10	17	10	22	8	20	8	18	8	20	7	11	8	12	8	15	7	16	8	14	8	16	382	15.9	7
" 2,	7	12	6	11	8	11	6	11	7	8	5	6	2	4	3	9	1	8	29	3	23	7	24	4	24	6	21	8	22	5	29	9	27	11	27	9	27	8	27	7	27	9	28	5	30	5	31	11	187	7.8	31
" 3,	32	11	32	13	32	8	3	6	27	5	32	3	32	13	32	19	32	22	32	24	32	16	31	13	31	11	32	18	32	16	32	23	32	20	1	20	2	25	1	19	2	21	2	22	2	18	4	27	393	16.4	1
" 4,	4	26	4	28	4	26	5	30	5	33	3	27	4	30	4	29	5	31	6	34	4	27	5	28	7	35	6	34	6	28	8	24	5	18	8	28	6	28	7	30	7	28	7	33	7	42	6	38	715	29.8	6
" 5,	7	36	7	40	7	37	6	34	6	31	7	37	7	33	7	37	7	35	7	33	7	34	7	30	7	27	8	31	8	31	7	29	7	20	7	22	7	20	7	23	6	18	7	21	32	14	32	10	683	28.5	7
" 6,	2	5	3	8	32	9	2	9	32	14	1	13	32	17	32	12	1	16	2	13	32	17	32	14	32	12	32	13	32	11	1	13	1	11	1	12	32	18	1	21	1	14	1	10	3	8	32	4	297	12.4	1
" 7,	2	11	2	22	2	18	1	16	1	16	1	16	1	16	1	18	32	14	1	11	5	14	4	18	7	17	4	11	6	11	8	12	9	12	6	10	3	7	6	16	7	23	7	26	7	28	7	29	392	16.3	4
" 8,	6	23	6	22	6	20	5	18	5	18	6	18	7	24	6	16	7	22	7	33	7	30	7	27	7	31	7	27	7	27	7	27	7	28	7	27	7	26	7	28	7	27	7	24	7	30	7	32	605	25.2	7
" 9,	7	29	7	34	8	37	7	31	7	30	7	31	7	29	7	33	7	27	7	31	7	30	7	25	7	24	7	23	7	27	7	29	7	28	7	25	7	27	7	25	7	27	7	23	7	27	7	22	674	28.1	7
" 10,	6	22	7	20	6	22	6	22	7	21	6	21	7	25	7	27	7	26	6	29	6	28	7	23	7	26	6	22	9	22	7	21	7	21	7	22	8	20	8	23	8	23	9	22	8	26	7	16	550	22.9	7
" 11,	8	21	7	16	6	12	8	16	7	13	7	11	6	17	7	26	7	27	7	22	7	17	7	18	7	18	8	21	7	12	6	12	8	13	8	14	8	13	8	10	8	10	8	10	6	10	6	8	367	15.3	7
" 12,	7	9	7	8	7	10	8	10	7	11	7	10	7	10	6	9	8	10	8	8	11	12	10	12	9	11	9	9	10	13	10	13	10	12	8	8	9	9	9	8	9	7	9	5	9	3	...	0	217	9.0	9
" 13,	...	0	...	0	...	0	...	0	...	0	9	2	6	3	8	3	8	4	8	3	32	4	24	6	24	6	24	4	11	11	10	10	9	12	10	9	10	7	11	6	10	5	10	5	9	6	8	7	113	4.7	9
" 14,	8	10	7	10	7	12	7	8	6	11	7	13	8	11	9	10	9	15	9	20	9	18	9	17	9	18	9	17	8	15	8	13	9	12	10	10	10	8	8	9	9	5	11	5	11	2	3	4	275	11.4	8
" 15,	3	4	8	2	5	6	6	7	7	13	7	5	7	17	5	15	6	19	7	23	7	21	7	21	7	16	7	16	7	14	7	16	7	14	7	12	7	13	7	8	7	10	8	12	8	13	7	16	313	13.0	7
" 16,	8	19	7	22	7	18	6	20	7	20	7	24	7	23	7	16	7	13	8	16	10	12	9	10	9	10	8	10	7	9	8	6	14	6	14	8	11	7	11	8	8	11	8	11	7	8	7	9	316	13.2	8
" 17,	7	8	7	9	7	8	7	7	7	5	7	2	...	0	...	1	26	5	24	5	30	5	21	12	20	11	23	11	24	9	24	13	22	10	23	8	24	4	24	3	24	3	24	3	32	6	32	4	152	6.3	24
" 18,	28	5	1	15	32	21	32	19	32	14	32	11	32	13	32	13	31	18	1	25	32	24	1	17	31	14	1	18	1	19	2	20	31	14	32	18	31	20	31	19	32	25	1	21	1	21	1	30	434	18.1	32
" 19,	32	23	2	26	1	30	1	28	2	29	1	28	1	36	2	33	2	36	2	40	2	44	2	51	3	59	3	67	4	64	4	64	4	66	6	68	6	67	6	70	6	69	7	73	10	75	10	64	1210	50.4	4
" 20,	12	61	12	41	12	34	12	31	13	35	13	33	13	34	12	33	15	32	15	27	14	35	14	33	14	26	15	52	13	24	14	22	14	21	16	19	16	15	16	16	17	15	16	11	18	8	17	5	643	26.8	14
" 21,	18	10	18	6	16	5	19	4	15	3	15	2	7	4	7	2	22	8	24	7	22	9	23	7	23	9	17	4	21	8	24	9	24	9	27	10	27	13	27	14	28	13	27	15	27	15	28	15	201	8.4	24
" 22,	27	17	28	18	27	15	27	13	27	14	27	11	27	9	24	5	32	6	30	8	31	10	27	12	27	13	29	14	29	11	29	14	32	5	30	8	31	9	31	11	31	8	32	4	32	6	32	8	249	10.4	29
" 23,	32	7	31	5	32	4	32	3	32	4	32	7	32	6	1	8	32	13	32	9	27	8	32	10	1	9	32	9	32	10	32	10	32	8	32	8	32	11	1	17	1	16	32	12	32	8	32	9	211	8.8	32
" 24,	1	11	1	9	32	10	32	10	31	10	32	8	32	10	32	7	31	7	32	9	11	6	10	8	9	11	8	7	5	8	32	10	1	9	1	6	2	5	6	12	5	7	7	15	4	13	2	8	216	9.0	3
" 25,	1	5	1	10	32	7	32	11	32	16	32	16	32	16	2	11	4	21	4	25	4	18	4	20	4	24	4	35	4	39	5	42	5	41	6	43	6	46	9	43	8	55	8	52	8	51	9	50	697	29.0	6
" 26,	11	44	11	45	11	48	12	46	13	34	13	37	14	35	14	32	15	34	14	27	14	21	14	23	15	28	14	28	14	26	14	25	14	21	13	21	13	17	14	21	14	18	14	13	13	18	14	14	676	28.2	13
" 27,	14	13	13	13	14	11	12	9	14	11	15	11	15	12	16	8	16	6	15	5	16	6	17	5	8	5	15	7	16	8	8	9	10	10	12	5	10	7	11	6	15	7	12	4	12	4	8	4	186	7.7	13
" 28,	5	3	4	3	3	7	8	5	28	4	32	5	31	7	32	12	2	17	1	16	32	9	23	2	23	2	23	3	30	7	1	11	32	9	32	9	32	12	32	8	2	9	2	11	2	14	3	15	200	8.3	1
" 29,	3	14	1	19	4	17	2	14	2	12	16	4	2	16	2	15	4	12	32	9	7	8	6	10	8	14	8	16	5	11	5	7	32	7	2	8	6	8	1	12	1	24	1	14	1	19	1	18	308	12.8	3
" 30,	1	13	5	10	1	9	32	12	32	13	1	9	2	8	1	15	2	14	5	13	4	12	5	10	1	9	5	9	6	8	4	8	4	11	4	9	5	12	7	19	7	25	7	30	6	26	5	18	322	13.4	4
" 31,	5	17	4	12	5	15	3	8	3	10	3	12	32	9	1	9	3	8	4	16	5	12	4	9	4	8	2	8	6	13	8	12	7	12	6	18	6	18	7	24	7	33	7	28	6	23	5	16	350	14.6	5
Sums,	...	498	...	507	...	497	...	468	...	471	...	444	...	502	...	501	...	548	...	569	...	534	...	514	...	529	...	549	...	542	...	553	...	509	...	514	...	511	...	548	...	580	...	556	...	561	...	527	12532	522.2	...
Means,	...	16.1	...	16.4	...	16.0	...	15.1	...	15.2	...	14.3	...	16.2	...	16.2	...	17.7	...	18.4	...	17.2	...	16.6	...	17.1	...	17.7	...	17.5	...	17.8	...	16.4	...	16.6	...	16.5	...	17.7	...	18.7	...	17.9	...	18.1	...	17.0	404.3	16.8	...

TABLE VIII.

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 a.			4 a.			7 a.			10 a.		
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction
1909.												
Oct. 1, ...	7	cum. / nim.	E / ESE	9	cum.	E	6	cum.	ENE	3	cum.	ENE
„ 2, ...	9	cum.	E	5	cum.	E	7	cum. / cum.	N / ENE	3	c-str. / cum.	E
„ 3, ...	3	c-str.	...	4	c-str.	...	10	c-str. / sm-cum. / cum.	ENE / NNE	9	c-str. / cum.	ENE
„ 4, ...	10	cum.	ENE	10	cum.	ENE	10	cum.	ENE	10	nim.	ENE
„ 5, ...	8	cum.	ESE	10	cum.	ESE	10	cum.	E	10	cum.	ENE
„ 6, ...	10	nim.	E	10	cum.	E	5	c-str. / cum.	E	7	c-str. / cum.	E
„ 7, ...	5	cum.	ENE	7	cum.	ENE	10	c-str. / cum.	ENE	9	c-str. / cum.	ENE
„ 8, ...	9	cum.	E	4	c-str. / cum.	E	9	sm-cum.	E	8	cum.	E
„ 9, ...	10	cum.	E	6	cum.	E	10	cum.	E	10	nim.	E
„ 10, ...	10	cum.	E	10	cum-nim.	...	10	nim.	E	10	cum-nim.	E
„ 11, ...	7	cum.	E	9	cum.	E	10	nim.	ESE	10	cum.	ESE
„ 12, ...	0	...	...	1	cum.	...	3	cum.	E	4	cum.	E
„ 13, ...	0	...	...	8	c-str.	...	8	cum.	ESE	7	sm-cum. / cum.	SE / ESE
„ 14, ...	2	cum.	...	3	cum.	...	4	cum.	E	3	cum.	E
„ 15, ...	10	nim.	E	10	nim.	E	10	nim.	E	10	cum.	E
„ 16, ...	10	cum-nim.	E	10	cum.	E	4	cum.	E	3	cum.	E
„ 17, ...	6	cum.	...	10	cum.	...	6	c-str. / cum.	N	4	cum.	N
„ 18, ...	0	...	...	2	cum.	...	8	c-str.	ESE	4	c-str.	...
„ 19, ...	10	cum.	NE	8	cum.	NE	10	nim.	NE	10	nim.	NE
„ 20, ...	10	nim.	...	10	nim.	...	10	nim.	SSE	10	nim.	SSE
„ 21, ...	10	cum-nim.	SSW	10	cum.	SSW	10	cum.	SSW	9	cum.	SSW
„ 22, ...	10	cum.	...	10	cum.	...	8	sm-cum. / cum.	WSW / ..	9	cum.	WNW
„ 23, ...	10	cum.	...	9	cum.	E	9	cum.	E	10	nim.	E
„ 24, ...	10	cum.	...	10	cum.	...	5	c-str. / cum.	E	9	c-str. / sm-cum. / cum.	.. / E / ENE
„ 25, ...	10	cum.	ENE	10	c-str. / cum.	ENE	9	c-str. / cum.	ENE	10	nim.	E
„ 26, ...	10	cum-nim.	SE	10	nim.	SE	10	cum-nim.	SSE	10	nim.	S
„ 27, ...	8	cum.	S	4	cum.	S	10	cum.	S	10	cum.	S
„ 28, ...	10	cum.	ESE	10	nim.	E	10	nim.	E	10	nim.	E
„ 29, ...	10	cum.	ENE	10	cum.	ENE	10	cum.	ENE	10	cum.	NE
„ 30, ...	8	cum.	E	10	cum.	E	10	cum.	E	10	cum.	E
„ 31, ...	10	cum.	E	10	cum.	E	8	c-str. / cum.	WSW / E	7	c-str. / cum.	WSW / E
Means,...	7.8	...	...	8.0	...	...	8.4	...	...	8.0	...	...

TABLE VIII,—*Continued.*

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 p.			4 p.			7 p.			10 p.			Means.
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	
1909.													
Oct. 1,...	3	cum.	E	4	cum.	ENE	3	cum.	E	10	cum.	E	5.6
„ 2,...	8	cum.	N	5	cum.	N	1	cum.	...	10	c-str. / cum.	...	6.0
„ 3,...	10	cum.	ENE	10	cum.	E	10	cum.	E	10	cum.	ENE	8.2
„ 4,...	10	cum-nim.	E	10	nim.	E	9	cum.	ESE	8	cum.	ESE	9.6
„ 5,...	9	sm-cum. / cum.	ENE	10	cum.	ENE	8	cum.	E	9	cum.	E	9.3
„ 6,...	9	cum.	ENE	9	cum.	ENE	10	cum.	ENE	9	cum.	E	8.6
„ 7,...	8	cum.	E	5	c-str. / cum.	ENE / ..	5	cum.	...	3	cum.	E	6.5
„ 8,...	10	cum.	E	10	sm-cum. / cum.	E	10	cum.	...	5	cum.	E	8.1
„ 9,...	10	cum-nim.	E	10	sm-cum. / cum.	E	10	cum.	E	10	cum.	E	9.5
„ 10,...	10	cum.	E	10	cum.	E	8	cum.	E	4	cum.	E	9.0
„ 11,...	10	cum.	ESE	10	nim.	ESE	4	cum.	ESE	0	...	...	7.5
„ 12,...	2	cum.	...	1	cum.	...	0	...	...	0	...	...	1.4
„ 13,...	6	cum.	SSE	3	cum.	SE	0	...	...	2	cum.	...	4.2
„ 14,...	2	cum.	...	2	cum.	...	0	...	...	3	cum.	...	2.4
„ 15,...	10	cum.	E	10	cum.	NE	10	cum.	...	10	cum.	...	10.0
„ 16,...	4	cum.	NNE	9	cum.	N	10	cum.	...	10	cum.	...	7.5
„ 17,...	3	cum.	N	5	cum.	NNE	0	...	...	0	...	...	4.3
„ 18,...	4	c-str. / c-cum. / cum.	.. / E / N	9	c-str. / cum.	N	10	c-str. / cum.	...	10	cum.	...	5.9
„ 19,...	10	nim.	NE	10	nim.	ENE	10	nim.	...	10	nim.	...	9.7
„ 20,...	10	nim.	S	10	nim.	S	10	cum.	S	9	cum.	SSW	9.9
„ 21,...	10	cum.	SSW	10	cum.	SW	10	cum.	SSW	10	cum.	SSW	9.9
„ 22,...	10	cum.	NNW	10	cum.	N	10	cum.	N	7	cum.	N	9.3
„ 23,...	10	cum.	E	10	nim.	ENE	10	cum.	ENE	10	cum.	...	9.7
„ 24,...	8	c-str. / cum.	N	8	c-str.	...	10	cum.	ENE	10	cum.	NE	8.8
„ 25,...	10	nim.	ENE	10	nim.	E	10	nim.	E	10	nim.	E	9.9
„ 26,...	10	cum.	S	10	c-str. / cum.	S	9	c-str. / cum.	S	8	c-str. / cum.	S	9.6
„ 27,...	7	c-str. / sm-cum. / cum.	SSE	6	c-str. / cum.	SE	9	cum.	SE	10	cum.	SE	8.0
„ 28,...	10	cum.	NE	9	cum.	ENE	7	cum.	...	9	sm-cum.	ESE	9.4
„ 29,...	9	cum.	ENE	10	cum.	ENE	10	nim.	ENE	9	sm-cum. / cum.	SE / E	9.7
„ 30,...	9	cum.	E	10	cum.	NE	10	cum.	E	10	cum.	E	9.6
„ 31,...	10	cum.	E	10	sm-cum. / cum.	E	10	cum.	E	10	cum.	E	9.4
Means,...	8.1	...	...	8.2	...	...	7.5	...	...	7.6	...	...	8.0

TABLE IX.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR THE MONTH OF OCTOBER, 1909.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N −S	+E −W	
1 a.	5.8	10.7	2.8	0.7	+ 3.0	+ 10.0	E 17° N
2 „	7.1	11.0	2.3	0.5	4.8	10.5	E 25° N
3 „	6.9	10.4	2.1	0.4	4.8	10.0	E 26° N
4 „	6.8	9.5	2.1	0.4	4.8	9.1	E 28° N
5 „	7.2	9.1	2.3	0.7	4.9	8.4	E 30° N
6 „	6.6	8.3	2.4	0.3	4.2	8.0	E 28° N
7 „	7.9	9.0	2.3	0.3	5.6	8.8	E 32° N
8 „	7.9	9.6	2.0	0.2	5.9	9.5	E 32° N
9 „	8.2	10.1	2.5	0.5	5.8	9.5	E 31° N
10 „	8.1	11.5	1.9	0.5	6.2	10.9	E 30° N
11 „	7.4	10.5	2.6	0.8	4.8	9.7	E 26° N
Noon.	6.3	10.5	2.5	1.4	3.8	9.1	E 23° N
1 p.	5.5	11.4	2.3	1.5	3.3	9.9	E 18° N
2 „	6.6	11.1	2.8	1.1	3.8	10.0	E 21° N
3 „	6.4	11.8	2.6	1.0	3.7	10.9	E 19° N
4 „	6.8	11.9	1.7	1.1	5.1	10.8	E 25° N
5 „	6.5	10.8	2.0	1.0	4.4	9.8	E 24° N
6 „	5.7	11.5	1.8	0.8	3.9	10.7	E 20° N
7 „	6.6	11.4	1.4	0.9	5.2	10.5	E 26° N
8 „	6.1	12.5	1.8	0.9	4.3	11.6	E 20° N
9 „	6.4	13.5	1.4	0.8	5.0	12.7	E 21° N
10 „	5.1	14.0	1.2	0.6	3.9	13.4	E 16° N
11 „	5.9	13.4	1.8	0.5	4.0	12.8	E 17° N
Midt.	6.6	12.1	1.7	0.5	+ 4.9	+ 11.6	E 23° N
Means,.....	6.7	11.1	2.1	0.7	+4.59	+ 10.34	E 24° N

PHENOMENA :—

Solar halo :—on the 24th.

Lunar halo :—on the 4th and 26th.

Lunar Corona :—on the 27th and 28th.

Unusual Visibility :—on the 23rd, 24th and 29th.

Dew :—on the 12th, 13th, 14th and 17th.

Lightning without thunder :—on the 1st, 14th and 20th.

Thunder without lightning :—on the 14th.

Thunderstorms :—on the 4th 2.38p—2.50p, in SW, nearest at 2.38p (15s) ; 15th 4.10a—6.15a, in E, nearest at 5.20a (13s).

TABLE I.

BAROMETRIC PRESSURE, FOR THE MONTH OF NOVEMBER, 1909.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.
Nov. 1,...	29.944	29.927	29.931	29.931	29.925	29.935	29.953	29.977	29.981	29.974	29.941	29.915	29.895	29.879	29.872	29.873	29.878	29.881	29.888	29.905	29.924	29.917	29.911	29.894	29.919
„ 2,...	.896	.891	.877	.877	.878	.900	.911	.923	.931	.933	.913	.896	.876	.856	.853	.841	.848	.853	.870	.885	.904	.906	.896	.885	.887
„ 3,...	.877	.865	.864	.864	.878	.891	.908	.920	.936	.935	.923	.897	.874	.859	.844	.851	.862	.858	.870	.889	.898	.893	.886	.889	.885
„ 4,...	.877	.866	.868	.872	.872	.883	.895	.916	.936	.937	.919	.903	.876	.870	.869	.872	.889	.909	.937	.959	.972	.975	.973	.958	.908
„ 5,...	.950	.948	.950	.954	.969	.983	.997	30.012	30.039	30.048	30.029	30.004	.985	.971	.968	.977	.989	30.001	30.026	30.045	30.055	30.047	30.048	30.045	30.002
„ 6,...	30.039	30.023	30.005	30.009	30.011	30.018	30.037	.059	.070	.062	.050	.023	.999	.983	.970	.980	.985	29.959	.020	.038	.038	.033	.014	.002	.019
„ 7,...	29.978	29.972	29.961	29.956	29.957	29.968	29.985	29.996	29.999	.000	29.977	29.942	.907	.883	.869	.871	.880	.883	29.892	29.900	29.902	29.900	29.886	29.881	29.931
„ 8,...	.857	.846	.832	.830	.841	.843	.862	.886	.893	29.886	.877	.846	.815	.793	.788	.796	.806	.812	.825	.842	.852	.864	.865	.850	.842
„ 9,...	.839	.831	.824	.820	.819	.829	.844	.865	.881	.872	.866	.850	.819	.808	.809	.810	.830	.845	.869	.877	.882	.887	.890	.887	.848
„ 10,...	.882	.877	.862	.862	.866	.894	.913	.926	.942	.944	.928	.914	.894	.872	.859	.871	.897	.915	.940	.964	.985	.984	.989	.986	.915
„ 11,...	.975	.970	.965	.960	.960	.992	30.028	30.051	30.073	30.074	30.064	30.057	30.035	30.015	30.009	30.014	30.028	30.044	30.058	30.070	30.076	30.083	30.083	30.076	30.032
„ 12,...	30.057	30.051	30.034	30.028	30.039	30.059	.086	.106	.115	.111	.092	.068	.042	.020	.013	.011	.020	.033	.050	.073	.082	.079	.081	.079	.060
„ 13,...	075	.057	.046	.037	.042	.046	.067	.077	.087	.087	.071	.045	.011	29.998	29.989	29.986	29.995	.008	.025	.035	.041	.040	.042	.035	.039
„ 14,...	.021	.011	29.996	29.988	29.990	.005	.017	.030	.048	.041	.011	29.987	29.952	.935	.929	.923	.937	29.944	29.969	29.981	29.990	29.996	29.990	29.979	29.986
„ 15,...	29.964	29.959	.959	.957	.949	29.973	29.988	29.993	29.994	29.964	29.938	.916	.883	.862	.864	.873	.886	.907	.931	.951	.958	.960	.954	.933	.938
„ 16,...	.929	.915	.909	.912	.909	.914	.929	.940	.955	.951	.933	.917	.883	.865	.850	.851	.849	.853	.862	.873	.875	.874	.881	.866	.896
„ 17,...	.861	.837	.836	.836	.836	.841	.840	.857	.865	.847	.833	.813	.781	.769	.769	.770	.786	.796	.812	.818	.818	.814	.821	.814	.820
„ 18,...	.810	.804	.803	.800	.804	.827	.848	.854	.866	.862	.856	.853	.836	.825	.815	.815	.832	.850	.875	.893	.887	.879	.886	.891	.845
„ 19,...	.883	.873	.873	.871	.874	.895	.906	.917	.933	.930	.913	.887	.859	.843	.845	.845	.856	.872	.891	.912	.915	.923	.921	.915	.890
„ 20,...	.907	.899	.895	.884	.891	.894	.906	.910	.928	.924	.916	.895	.865	.837	.835	.838	.844	.860	.878	.893	.899	.897	.882	.878	.886
„ 21,...	.875	.858	.847	.837	.847	.858	.865	.882	.900	.908	.893	.872	.832	.802	.804	.811	.806	.810	.830	.849	.858	.860	.850	.835	.850
„ 22,...	.832	.824	.812	.804	.805	.809	.824	.840	.861	.858	.845	.819	.789	.778	.764	.767	.774	.787	.802	.819	.842	.859	.855	.847	.817
„ 23,...	.844	.832	.829	.830	.839	.854	.875	.889	.917	.921	.912	.895	.869	.857	.859	.868	.878	.898	.917	.937	.949	.964	.969	.963	.890
„ 24,...	.961	.951	.951	.962	.979	30.006	30.031	30.059	30.074	30.077	30.069	30.055	30.031	30.006	30.004	30.015	30.033	30.060	30.077	30.098	30.118	30.135	30.137	30.129	30.042
„ 25,..	30.128	30.119	30.117	30.114	30.122	.141	.174	.186	.198	.203	.189	.167	.134	.107	.101	.096	.101	.116	.125	.139	.147	.143	.125	.113	.138
„ 26,...	.108	.099	.086	.092	.099	.108	.110	.122	.128	.126	.106	.076	.042	.022	.012	.017	.039	.042	.062	.067	.068	.069	.074	.063	.077
„ 27,...	.058	.048	.043	.038	.037	.042	.058	.067	.065	.064	.051	.019	29.989	29.979	29.975	29.979	29.986	29.991	.010	.024	.031	.042	.038	.042	.028
„ 28,...	.033	.025	.021	.014	.021	.027	.039	.042	.055	.049	.037	.014	.977	.953	.944	.950	.957	.974	29.989	.008	.025	.034	.039	.041	.011
„ 29,...	.047	.051	.055	.043	.050	.056	.070	.092	.106	.097	.089	.064	30.038	30.027	30.017	30.019	30.034	30.046	.067	.079	.085	.087	.079	.079	.062
„ 30,...	.082	.079	.069	.072	.069	.086	.107	.129	.139	.140	.133	.111	.081	.061	.057	.059	.068	.077	.087	.096	.107	.108	.106	.103	.093
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...
Means,.....	29.953	29.944	29.937	29.935	29.939	29.953	29.969	29.984	29.997	29.994	29.979	29.957	29.929	29.911	29.905	29.908	29.919	29.931	29.948	29.964	29.973	29.975	29.972	29.965	29.952

TABLE II.

TEMPERATURE, FOR THE MONTH OF NOVEMBER, 1909.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.	Max.	Min.
Nov. 1,.....	73.5	73.3	72.8	70.7	71.7	72.2	72.4	72.2	72.7	74.5	75.2	76.2	75.8	76.2	76.2	76.2	75.2	74.2	74.2	74.2	74.8	75.0	74.9	74.7	74.1	76.4	70.3
„ 2,.....	74.5	74.9	75.2	75.0	75.2	75.2	75.2	75.7	76.2	77.2	77.5	77.2	77.4	78.2	77.2	76.2	75.6	76.0	75.0	75.3	75.3	75.3	75.0	75.0	75.9	78.5	74.5
„ 3,.....	75.0	74.9	74.7	74.9	75.2	75.2	74.2	75.2	78.3	78.1	78.2	78.2	78.2	77.6	77.2	76.4	76.2	76.2	76.0	75.7	75.2	75.8	75.5	75.1	76.1	78.4	74.2
„ 4,.....	75.2	75.0	75.1	74.9	75.2	74.3	75.3	75.5	76.4	76.8	77.4	78.6	78.8	78.2	77.2	74.3	72.9	72.7	70.9	70.1	69.0	67.6	67.1	66.2	73.9	78.8	65.6
„ 5,.....	65.9	65.9	65.9	65.7	65.8	65.7	65.4	67.3	67.6	68.2	69.0	70.5	69.9	70.0	69.4	68.5	67.8	67.8	67.1	66.2	65.2	64.0	65.7	66.7	67.1	70.5	64.0
„ 6,.....	65.9	64.7	64.7	64.7	64.6	65.3	65.3	66.2	67.9	68.5	69.7	69.5	69.8	70.2	70.7	70.0	69.7	69.0	68.7	68.8	69.8	69.7	70.4	70.0	68.1	71.2	64.1
„ 7,.....	70.0	70.3	70.5	69.3	69.3	67.2	68.7	70.6	71.0	74.2	76.2	77.0	78.2	79.0	79.2	76.6	77.2	76.2	75.2	73.3	72.7	72.9	72.2	72.8	73.3	79.3	67.2
„ 8,.....	72 3	71.9	71.8	71.0	71.0	71.4	71.8	74.1	77.0	76.4	77.8	78.4	78.9	77.4	77.4	76.4	75.5	75.0	75.3	75.2	74.5	74.7	74.6	74.5	74.8	79.1	70.1
„ 9,.....	74.6	74.9	76 2	75.8	77.0	77.2	77.7	78.2	79.5	80.8	81.6	81.2	81.7	81.5	81.7	82.2	80.8	80.4	78.9	77.8	78.0	77.8	78.0	79.5	78.9	82.8	74.1
„ 10,.....	78.6	77.7	76.9	76.1	74.8	73.9	74.0	74.7	75.0	77.9	79.0	80.2	80.0	78.6	78.4	78.2	76.7	75.5	73.8	72.6	72.1	72.0	71 5	71.0	75.8	80.2	71.0
„ 11,.....	70.3	70.0	69.5	69.0	68.1	67.9	68.4	68.2	67.2	68.3	69.6	69.8	68.9	69.2	69.3	69.1	68.2	67.8	67.6	67.1	66.2	65.9	65.0	63.7	68.1	72.0	63.7
„ 12,.....	63.6	63.5	63.3	63.1	63.7	63.8	64.0	62.8	63.2	62.6	64.9	67.2	66.5	67.2	69.0	67.7	67.0	66.2	66.2	66.6	67 2	67.3	67.0	68.0	65.5	69.0	62.0
„ 13,.....	68.7	68.7	68.0	66.8	66.2	65.4	67.4	69.2	71.2	72.5	73.4	74.4	75.2	74.5	73.2	74.0	71.4	71.1	71.0	70.4	70.2	70.6	70.5	70.5	70.6	76.0	65.0
„ 14,.....	70.4	69.9	69.7	67.7	67.7	66.8	68.2	73.0	72.2	72.7	72.8	74.4	74.1	73.4	72.6	72.2	71.4	70.7	70.5	70.0	70.0	69.9	69.5	69.4	70.8	74.4	66.3
„ 15,.....	68.9	67.7	67.0	66.1	65.8	67.2	66.2	68.4	70.7	73.2	75.0	76.2	76.4	76.8	75.7	74.8	74.0	71.9	71.0	70.4	69.9	70.7	68.9	68.3	70.9	77.4	64.5
„ 16,.....	67.8	68.0	67.6	66.4	66.6	65.8	66.4	67.7	70.2	72.6	75.2	74.4	77.2	76.9	75.6	74.7	72.7	71.6	73.0	71.9	71.2	70.0	69.7	68.7	70.9	77.2	65.4
„ 17,.....	66.5	66.7	66.6	66.6	66.4	67.0	68.3	70.2	72.0	72.7	73.2	75.0	76.4	76.2	76.8	75.0	73.7	73.0	72.1	71.2	71.4	70.7	70.4	69.0	71.1	77.3	66.0
„ 18,.....	68.7	68.9	68.4	67.7	67.2	67.0	66.7	66.6	67.2	71.5	73.8	74.5	73.7	75.2	75.2	74.2	72.9	72.1	71.9	72.0	70.5	69.5	69.5	69.7	70.6	75.7	65.8
„ 19,.....	69.0	67.3	65.4	64.5	64.0	62.9	63.7	66.0	67.6	69.2	71.8	72.1	72.8	73.4	74.2	72.2	71.0	70.2	69.2	69.4	68.1	66.7	67.5	67.5	68.6	74 8	62.0
„ 20,.....	65.8	65.0	63.2	61.9	60.9	60.7	61.9	67.2	68.0	69.3	69.7	70.6	71.8	71.4	71.2	70.2	68.8	68.5	67.4	66.2	66.2	66.7	66.8	66.4	66.9	71.8	60.2
„ 21,.....	64.9	64.7	63.9	63.7	64.2	65.0	65.7	68.0	71.2	71.7	72.9	73.2	74.4	76.2	76.2	74.0	73.8	73.7	72.2	71.5	71.2	71.2	70.6	69.9	70.2	76.3	63.7
„ 22,.....	70.0	68.8	68.0	66.9	68.4	67.7	67.8	70.7	73.9	74 2	77.4	79.4	78.2	77.5	77.5	78.2	73.4	73.6	71.7	71.6	71.1	70.2	69.5	69.1	72 3	80.0	66.9
„ 23,.....	68.6	67.8	67.8	67.8	68.0	67.7	68.5	72.6	75.5	75.2	75.5	75.6	75.2	75.2	75.7	75.7	74 2	72.0	70.2	70.2	69.3	68.5	71.4	71.2	71.6	76.2	67.6
„ 24,.....	70.7	70.1	69.7	69.2	68.7	68.8	68.2	70.5	71.0	72.2	73.1	73.7	73.2	74.2	72.4	71.5	69.9	68.2	67.6	65.4	63.5	62.8	61.9	61.1	69.1	74.6	61.1
„ 25,.....	60.1	58.8	57.6	56.7	56.3	55.2	56.4	58.1	60.1	63.2	65.6	65.4	63.2	63.6	63.5	63.7	61.3	61.6	60.7	58.8	60.2	60.0	59.9	60.5	60.4	66.0	54.8
„ 26,.....	60.9	61.0	60.4	59.7	59.0	58.5	58.9	60.4	62.7	64.2	65.7	68.8	67.2	65.5	64.9	64.7	63.5	63.3	62.8	62.3	62.7	63.0	64.1	63.8	62.8	69.0	58.0
„ 27,.....	64.0	63.9	64.2	63.3	63.2	63.2	63.7	65.4	67.2	69.5	70.3	72.8	72.1	71.9	69.7	69.4	68.0	66.9	64.3	65.0	65.5	65.2	65.0	64.9	66.6	72.8	62.3
„ 28,.....	65.4	65.2	65.3	65.1	65.2	64.9	66.2	68.4	71.5	74.0	75.0	75.2	74.2	72.2	71.5	71.6	68.9	68.2	67.3	67.2	64.2	64.2	64.6	63.4	68.3	75.2	63.0
„ 29,.....	64.0	64.4	63.6	63.2	64.2	63.6	64.6	71.2	73.5	74.3	76.2	78.2	79.8	79.2	78.6	77.3	74.8	73.2	73.5	72.9	71.8	71.7	70.3	69.5	71.4	80.4	63.0
„ 30,.....	68.2	67.7	66.8	66.7	66.6	66.0	66.5	68.0	72.5	70.3	72.2	71.3	71.4	71.2	70.2	68.7	67.8	67.5	67.4	67.2	66.9	66.8	66.9	66.1	68.4	72.5	65.9
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means, ...	68.7	68.4	68.0	67.3	67.3	67.1	67.6	69.4	71.0	72.2	73.5	74.3	74.4	74.3	73.9	73.1	71.8	71.1	70.4	69.9	69.5	69.2	69.1	68.9	70.4	75.5	65.4

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION, FOR THE MONTH OF NOVEMBER, 1909.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.	Solar Max.
Nov. 1, ...	69.3	68.4	68.2	67.9	67.8	67.9	67.9	67.9	68.2	69.2	69.4	69.2	69.9	71.1	71.3	70.5	70.9	70.4	70.1	69.9	70.0	70.9	70.9	70.9	69.5	95.6
„ 2, ...	71.2	71.5	71.9	71.5	71.3	70.9	71.5	71.9	72.6	72.9	72.9	72.9	72.5	73.0	72.9	72.4	72.4	72.8	72.1	71.9	72.1	72.1	71.8	71.7	72.1	123.1
„ 3, ...	72.2	71.9	71.7	71.8	72.2	71.9	71.8	71.7	72.6	71.9	72.3	71.4	72.1	71.9	71.9	72.0	72.5	72.1	72.0	72.1	72.1	72.3	72.8	72.8	72.1	134.1
„ 4, ...	72.7	72.7	72.4	72.4	72.5	71.9	72.3	72.6	73.0	73.4	73.9	74.2	74.3	73.9	73.9	71.9	70.4	71.7	66.3	64.9	64.6	63.6	62.6	62.1	70.6	130.8
„ 5, ...	61.6	61.6	61.7	61.6	61.9	62.0	61.1	63.1	64.9	62.8	63.0	63.4	62.9	63.9	63.4	61.9	63.0	62.9	61.2	60.9	60.0	59.0	60.7	60.9	61.9	101.1
„ 6, ...	60.9	60.3	60.3	60.5	60.4	60.1	60.3	60.9	61.5	62.0	62.9	62.3	62.5	62.9	63.5	63.3	64.1	63.6	63.4	63.1	63.4	63.1	65.6	65.6	62.2	118.7
„ 7, ...	65.6	65.2	64.6	64.2	63.9	63.5	63.3	63.9	63.6	65.1	65.9	65.6	66.9	68.0	68.0	69.5	68.9	70.9	67.3	68.9	67.3	67.8	67.3	67.4	66.4	126.5
„ 8, ...	67.6	68.4	68.4	66.5	66.6	67.6	67.5	68.0	70.1	69.[illegible]	69.9	70.3	69.7	70.6	71.0	71.4	71.1	71.3	71.2	71.0	70.9	71.2	70.8	70.6	69.6	126.6
„ 9, ...	70.6	70.8	71.8	71.6	70.6	70.1	70.5	71.3	72.4	72.7	72.9	73.7	73.0	73.6	73.2	72.9	72.7	72.9	73.4	73.2	73.1	72.9	72.6	70.4	72.2	118.4
„ 10, ...	69.3	68.6	68.8	67.6	67.7	66.8	66.4	67.1	66.9	68.5	69.8	7[illegible].1	69.6	69.6	68.9	68.7	67.7	65.9	66.1	65.2	64.9	64.7	64.5	64.1	67.5	131.1
„ 11, ...	63.7	63.7	62.7	62.0	61.7	61.9	62.0	62.1	61.9	62.4	62.9	63.0	63.0	62.1	61.9	62.5	61.2	60.9	60.6	60.1	59.9	59.7	58.7	59.0	61.6	108.2
„ 12, ...	58.7	58.7	58.3	58.4	57.9	58.3	58.5	61.9	61.1	59.6	61.4	63.0	61.9	61.7	62.7	62.0	61.9	61.3	62.2	62.9	63.3	63.7	63.4	63.4	61.1	95.0
„ 13, ...	63.4	63.4	63.5	63.3	62.9	62.0	63.0	63.9	64.9	65.6	66.3	67.5	68.3	68.2	67.9	67.4	67.1	66.9	67.1	67.2	66.9	67.2	67.3	67.2	65.8	116.3
„ 14, ...	67.1	67.2	65.4	63.4	60.6	60.1	62.0	64.8	65.9	65.6	65.3	66.6	67.2	67.4	66.3	66.1	65.6	65.9	65.9	65.5	65.4	65.9	64.7	64.7	65.2	121.6
„ 15, ...	64.0	62.9	62.9	62.3	59.1	57.9	58.9	61.9	60.9	60.7	58.9	59.5	60.0	61.4	61.9	60.8	60.5	64.9	64.2	64.0	64.4	58.9	57.5	57.2	61.1	120.9
„ 16, ...	56.6	56.4	56.1	56.2	56.5	56.4	56.6	57.9	58.2	59.9	60.9	59.6	62.1	61.9	61.0	61.2	61.4	58.8	57.7	57.9	57.7	57.7	56.5	56.2	58.4	126.3
„ 17, ...	56.4	55.4	54.4	55.1	55.9	54.0	53.7	54.0	54.8	54.3	54.9	55.2	58.0	57.1	57.4	57.2	56.5	56.5	56.8	57.1	55.7	55.7	54.9	54.9	55.6	130.2
„ 18, ...	54.5	54.9	54.1	53.3	52.0	51.6	51.3	51.2	51.9	53.9	56.7	55.2	57.1	57.7	56.9	55.2	55.2	55.7	55.2	54.9	54.8	54.9	53.7	54.4	54.4	138.8
„ 19, ...	53.6	53.1	52.4	52.4	53.0	50.9	51.7	53.9	54.1	54.9	56.4	56.0	57.1	57.2	57.0	56.9	55.9	56.0	56.2	56.1	55.9	55.6	56.6	56.5	55.0	129.3
„ 20, ...	56.1	55.9	53.3	53.1	52.3	52.6	53.4	55.0	55.5	54.9	56.[illegible]	56.7	57.1	57.7	58.5	57.9	58.6	58.3	56.9	55.9	60.1	60.7	59.7	59.3	56.5	118.5
„ 21, ...	58.4	57.3	55.8	55.5	56.2	56.7	56.9	58.4	60.2	60.7	61.7	61.9	62.7	63.7	65.1	64.7	62.9	63.2	64.9	65.1	65.5	64.9	64.7	64.1	61.3	125.8
„ 22, ...	63.8	64.3	64.0	63.5	63.9	63.7	63.0	64.9	64.7	64.8	67.1	68.3	68.6	67.7	68.9	68.6	67.2	66.9	67.7	66.2	67.1	68.0	67.5	67.0	66.1	133.7
„ 23, ...	66.5	66.0	65.0	65.0	66.1	65.9	66.3	68.1	67.5	67.6	69.8	70.1	70.7	69.9	70.3	68.6	69.6	68.4	67.5	67.5	67.3	66.7	63.9	63.0	67.5	124.7
„ 24, ...	62.7	62.9	62.6	62.2	61.9	61.4	61.1	61.2	61.1	61.2	61.9	62.3	61.9	61.0	59.3	58.4	57.0	56.0	55.2	53.9	52.1	51.6	50.5	50.1	58.7	129.5
„ 25, ...	50.0	50.0	49.3	48.1	47.7	46.9	46.3	46.8	48.1	50.2	51.4	62.1	51.1	50.3	50.4	50.6	48.4	48.7	48.9	48.1	48.0	48.5	49.6	50.2	49.2	114.8
„ 26, ...	51.4	52.6	52.2	51.8	51.2	48.5	48.1	51.0	53.0	53.7	53.9	54.6	55.5	55.0	54.9	53.9	55.1	54.6	54.4	54.9	55.2	55.9	57.4	57.1	53.6	122.8
„ 27, ...	57.6	58.9	58.8	58.6	58.7	58.9	58.7	59.2	58.2	60.1	60.4	60.1	60.6	60.8	58.3	57.9	58.1	58.7	59.9	59.1	59.1	59.5	60.1	60.6	59.2	123.3
„ 28, ...	61.3	60.6	60.5	60.3	60.1	59.0	58.8	59.7	59.9	59.8	60.9	60.9	60.6	59.7	60.0	60.3	60.2	62.1	61.0	61.5	58.5	58.3	60.3	57.6	60.1	119.8
„ 29, ...	59.7	60.1	59.5	59.5	59.4	59.4	59.4	57.6	58.4	58.9	59.7	61.7	62.5	62.1	61.5	60.9	59.9	59.9	59.5	59.4	58.9	57.9	56.3	55.9	59.9	125.9
„ 30, ...	55.0	54.6	54.6	53.8	53.6	52.6	52.9	54.2	56.9	56.4	58.0	58.9	58.9	59.0	60.9	59.9	61.1	60.7	60.2	60.9	61.7	61.6	61.5	61.5	57.9	116.8
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means, ...	62.0	61.9	61.6	61.1	60.8	60.4	60.5	61.5	62.0	62.4	63.3	63.6	63.9	64.0	64.0	63.5	63.2	63.3	62.8	62.6	62.5	62.3	62.4	61.9	62.4	121.7

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR, FOR THE MONTH OF NOVEMBER, 1909.

Hours.	Hourly Means.		Date.	Daily Means.	
	Humidity.	Tension.		Humidity.	Tension.
			1909.		
1 a.	66	0.479	Nov. 1,.....	78	0.661
2 „	67	.479	„ 2,.....	83	.737
3 „	68	.475	„ 3,.....	82	.735
4 „	68	.468	„ 4,.....	84	.706
5 „	67	.458	„ 5,.....	73	.487
6 „	66	448	„ 6,.....	70	.482
7 „	64	.445	„ 7,.....	68	.557
8 „	61	.453	„ 8,.....	76	.655
9 „	57	.448	„ 9,.....	71	.702
10 „	55	.445	„ 10,.....	63	.563
11 „	54	.458	„ 11,.....	67	.462
Noon.	53	.457	„ 12,.....	77	.481
1 p.	54	.466	„ 13,.....	77	.572
2 „	54	.471	„ 14,.....	73	.548
3 „	55	.476	„ 15,.....	54	.409
4 „	56	.470	„ 16,.....	43	.324
5 „	60	.478	„ 17,.....	32	.238
6 „	63	.490	„ 18,.....	28	.210
7 „	63	.483	„ 19,.....	37	.254
8 „	64	.483	„ 20,.....	49	.321
9 „	65	.485	„ 21,.....	57	.425
10 „	66	.482	„ 22,.....	70	.560
11 „	67	.487	„ 23,.....	80	.620
Midt.	65	.473	„ 24,.....	50	.357
			„ 25,.....	38	.204
			„ 26,.....	51	.291
			„ 27,.....	62	.406
			„ 28,.....	59	.412
			„ 29,.....	47	.364
			„ 30,.....	49	.342
			.....	...	...
Mean, ...	62	0.469	Mean, ...	62	0.469

TABLE V.

DURATION OF SUNSHINE.

Date.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Sums.
1909.														
Nov. 1,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 2,.....	...	...	...	...	...	0.7	0.7	0.7	1.0	0.6	0.1	...	...	3.8
„ 3,.....	...	...	...	0.9	1.0	0.1	0.6	1.0	1.0	1.0	1.0	0.1	...	6.7
„ 4,.....	...	0.1	0.9	0.5	...	0.5	1.0	1.0	0.4	...	...	...	...	4.4
„ 5,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 6,.....	...	...	...	0.6	0.2	0.7	0.8	...	0.1	0.3	...	...	...	2.7
„ 7,.....	...	0.3	1.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	...	9.5
„ 8,.....	...	...	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.2	...	8.7
„ 9,.....	...	...	...	...	0.1	...	...	...	0.2	0.1	...	...	...	0.4
„ 10,.....	...	...	0.2	0.4	1.0	1.0	1.0	0.4	0.4	1.0	...	...	...	5.4
„ 11,.....	...	...	...	...	0.2	...	...	...	...	...	...	...	...	0.2
„ 12,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 13,.....	...	0.6	0.5	1.0	1.0	1.0	1.0	1.0	0.7	0.9	1.0	0.4	...	9.1
„ 14,.....	...	0.3	1.0	0.4	0.3	0.5	0.9	1.0	1.0	1.0	1.0	0.2	...	7.6
„ 15,.....	...	...	...	0.4	1.0	1.0	1.0	1.0	1.0	0.3	...	...	...	5.7
„ 16,.....	...	...	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	...	8.8
„ 17,.....	...	0.1	0.8	0.9	0.9	0.3	1.0	1.0	1.0	1.0	0.7	...	...	7.7
„ 18,.....	...	...	...	0.1	0.5	1.0	0.7	0.4	0.8	1.0	0.5	...	...	5.0
„ 19,.....	...	...	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	...	8.3
„ 20,.....	...	...	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	...	9.6
„ 21,.....	...	...	0.3	0.3	0.6	0.1	...	0.4	1.0	0.1	...	...	...	2.8
„ 22,.....	...	...	0.5	1.0	0.5	0.9	0.9	1.0	0.7	0.9	1.0	0.5	...	7.9
„ 23,.....	...	0.1	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	0.5	...	9.5
„ 24,.....	...	0.5	1.0	1.0	1.0	1.0	0.9	0.4	1.0	1.0	1.0	0.5	...	9.3
„ 25,.....	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	...	9.8
„ 26,.....	...	...	...	0.3	0.5	1.0	1.0	1.0	0.9	0.7	0.9	0.3	...	6.6
„ 27,.....	...	0.4	0.9	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	...	9.0
„ 28,.....	...	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	...	9.7
„ 29,.....	...	...	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.1	...	9.0
„ 30,.....	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	...	9.9
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,.....	...	3.7	15.0	17.8	19.8	20.8	22.4	21.3	22.2	20.9	17.4	5.8	...	187.1

TABLE VI.

RAINFALL FOR THE MONTH OF NOVEMBER, 1909.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Sums.	Duration. Hours.
Nov. 1,	...	...	0.005	0.005	0.005	...	0.005	0.010	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.035	6
" 2,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 3,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 4,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.010	...	...	...	...	...	...	...	0.010	1
" 5,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 6,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 7,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 8,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 9,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 10,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 11,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	0.005	...
" 12,	...	...	...	...	...	...	...	0.015	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.015	1
" 13,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 14,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 15,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 16,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 17,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 18,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 19,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 20,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 21,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 22,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 23,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 24,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 25,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 26,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 27,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 28,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 29,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 30,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	...	...	0.005	0.005	0.005	...	0.005	0.025	0.005	...	...	...	...	...	...	...	0.010	...	...	...	...	...	...	0.005	0.065	8

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND, FOR THE MONTH OF NOVEMBER, 1909.

Date.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.		7 a.		8 a.		9 a.		10 a.		11 a.		Noon.		1 p.		2 p.		3 p.		4 p.		5 p.		6 p.		7 p.		8 p.		9 p.		10 p.		11 p.		Midt.		Vel.		Dir.
	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Sums.	Means.	Means.
Nov. 1,	5	14	4	15	6	16	2	8	5	18	5	13	5	16	5	14	4	13	4	15	4	16	6	15	5	13	7	11	5	11	6	11	7	9	6	2	6	3	1	7	...	1	1	5	10	12	9	13	271	11.3	5
„ 2,	6	11	6	8	7	12	8	11	8	14	7	18	7	20	7	21	7	21	7	24	7	29	7	28	7	27	8	21	7	24	7	22	7	18	7	20	8	21	8	26	8	22	9	23	6	22	7	21	484	20.2	7
„ 3,	7	19	6	17	7	24	7	20	7	18	8	17	8	17	7	21	6	22	7	22	9	22	8	21	9	25	8	18	9	22	10	18	10	12	8	10	8	13	8	12	8	11	8	12	7	10	11	8	411	17.1	8
„ 4,	8	9	8	10	8	7	9	9	8	10	8	10	8	11	6	11	7	8	9	12	9	13	9	15	9	19	9	12	9	6	25	10	26	10	24	8	1	15	1	15	1	14	2	20	1	22	1	28	304	12.7	5
„ 5,	1	20	32	10	1	11	32	14	1	9	1	11	1	11	32	11	1	14	1	14	32	13	1	13	1	14	1	12	32	16	32	16	32	12	32	19	32	16	32	21	32	21	1	9	2	4	2	9	320	13.3	1
„ 6,	2	8	32	7	2	11	30	7	1	4	3	10	4	8	4	10	5	18	6	18	6	15	7	21	7	18	7	19	6	13	3	9	1	8	32	10	32	10	32	9	2	8	3	6	5	13	4	14	274	11.4	4
„ 7,	3	13	3	13	3	13	4	13	3	9	1	6	1	9	1	10	1	11	32	10	32	10	32	11	2	8	10	4	23	6	24	7	24	4	24	2	24	2	...	1	24	2	...	1	12	5	11	7	177	7.4	2
„ 8,	11	7	9	12	7	7	7	3	...	0	8	13	8	12	7	6	8	11	8	16	8	12	8	20	8	20	8	21	7	22	7	24	7	28	7	30	7	28	7	33	7	25	7	25	5	17	6	15	407	17.0	7
„ 9,	5	14	5	14	5	13	4	6	6	15	6	14	6	17	4	20	6	19	5	20	6	22	6	17	6	21	6	16	6	16	7	20	7	18	7	13	8	9	8	6	8	2	8	3	5	5	1	14	334	13.9	6
„ 10,	2	11	4	11	32	16	1	19	2	25	1	26	1	34	32	28	1	28	1	27	32	24	1	21	32	19	32	16	32	15	1	18	2	14	1	20	32	24	1	22	1	18	32	18	1	19	1	22	495	20.6	1
„ 11,	1	25	1	26	1	26	1	26	1	30	1	21	1	23	1	25	1	24	32	24	32	25	32	21	1	15	1	18	1	17	32	17	1	21	32	20	1	19	32	22	32	17	32	18	32	20	1	17	515	21.5	1
„ 12,	32	20	32	16	32	14	32	15	32	16	1	11	1	13	32	12	32	13	32	11	32	9	32	8	32	5	32	2	32	4	32	9	1	12	1	13	1	7	1	5	...	1	1	2	1	2	1	2	222	9.2	32
„ 13,	1	4	5	12	4	6	3	4	1	7	1	3	1	4	4	3	7	9	9	5	9	4	9	2	7	6	7	10	8	11	8	10	8	6	8	3	8	6	8	6	8	9	8	7	8	10	8	5	152	6.3	7
„ 14,	8	4	8	3	8	4	3	9	3	9	3	5	11	7	8	9	6	10	4	10	5	10	9	11	9	14	10	13	10	12	10	12	10	12	10	9	10	8	10	8	10	5	10	5	10	5	8	7	201	8.4	8
„ 15,	4	6	4	4	4	3	4	2	4	4	4	3	...	0	4	4	1	12	1	15	2	12	32	13	2	13	32	16	32	15	2	13	2	15	2	13	8	6	8	7	8	6	3	12	2	12	1	17	223	9.3	2
„ 16,	1	24	32	23	32	26	32	16	1	17	32	22	32	21	32	28	32	23	32	17	1	11	32	11	32	11	32	9	32	12	32	9	32	7	31	8	32	17	1	19	1	19	32	19	1	19	32	24	415	17.3	32
„ 17,	32	22	32	19	1	21	1	13	2	13	1	18	32	28	32	26	32	32	32	31	32	27	32	25	32	17	32	20	32	18	2	15	2	11	1	14	32	15	32	12	1	22	2	22	1	22	32	22	485	20.2	32
„ 18,	1	19	1	16	1	21	2	25	1	26	1	32	1	26	32	28	32	30	32	27	32	20	2	16	32	15	32	10	2	11	2	11	1	11	1	13	1	20	32	20	32	19	1	16	2	18	32	25	478	19.9	1
„ 19,	32	22	32	22	32	21	32	17	32	18	32	12	32	13	32	23	32	20	32	20	32	18	32	16	32	18	32	17	3	10	32	14	1	11	1	10	8	12	5	12	3	9	2	9	2	9	2	8	361	15.0	1
„ 20,	3	7	3	5	3	6	3	5	3	7	3	7	1	6	4	11	4	18	5	17	3	18	3	17	5	14	5	11	10	15	8	15	8	13	8	8	8	4	8	3	...	1	8	2	7	4	5	10	224	9.3	5
„ 21,	5	4	5	4	4	2	...	0	4	3	5	3	2	4	32	4	32	3	4	11	4	9	2	7	2	3	4	6	4	4	...	1	2	8	2	6	9	12	9	10	9	9	9	8	9	6	9	3	130	5.4	5
„ 22,	...	0	...	1	...	0	9	6	9	3	9	4	9	3	9	3	9	3	9	6	21	7	23	8	23	8	23	8	23	8	23	8	25	6	23	7	23	8	23	6	12	9	11	7	...	0	...	1	120	5.0	20
„ 23,	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	11	6	11	13	10	12	10	14	9	15	9	8	9	4	9	5	...	1	9	2	9	2	...	1	9	5	9	2	2	13	32	23	127	5.3	8
„ 24,	1	20	1	14	2	17	2	16	2	13	2	10	2	13	32	21	1	26	32	22	1	23	1	15	1	14	1	18	1	19	32	19	1	12	32	16	32	21	1	25	1	28	1	28	1	32	1	23	465	19.4	1
„ 25,	32	9	32	20	2	12	1	7	2	10	2	10	1	19	32	20	1	15	32	10	3	9	5	14	9	14	7	11	9	11	4	9	2	6	2	5	2	6	2	8	2	4	2	4	2	5	2	7	245	10.2	2
„ 26,	3	7	4	10	3	3	2	9	2	8	2	12	2	7	2	5	4	9	6	8	8	5	11	10	11	11	9	15	9	14	9	15	9	12	8	13	7	7	7	6	7	8	7	6	9	8	9	7	225	9.4	7
„ 27,	9	7	8	5	8	4	8	7	8	5	8	4	8	3	8	10	8	10	8	9	8	11	8	11	8	11	8	12	8	14	8	6	8	7	8	7	8	4	8	5	8	8	8	8	8	6	8	6	180	7.5	8
„ 28,	8	8	8	7	8	5	8	3	8	7	8	2	8	5	8	5	8	8	8	10	8	15	9	14	9	17	9	21	9	19	9	18	9	13	9	11	9	8	9	8	9	4	9	4	9	3	...	1	216	9.0	9
„ 29,	...	1	...	0	...	0	9	2	9	2	9	2	9	4	1	10	2	18	32	17	2	6	2	4	2	4	32	13	32	14	1	13	1	10	1	7	1	11	2	10	2	13	1	13	1	25	1	24	223	9.3	1
„ 30,	1	20	1	16	32	20	2	15	2	16	1	14	1	15	1	5	1	6	6	11	7	13	10	17	10	19	10	17	10	18	9	19	7	17	7	16	7	19	7	18	7	18	7	21	7	22	8	18	390	16.3	6
Sums,	...	355	...	340	...	351	...	307	...	336	...	333	...	373	...	402	...	460	...	472	...	440	...	436	...	428	...	405	...	404	...	393	...	344	...	335	...	353	...	363	...	338	...	335	...	370	...	401	9074	378.1	...
Means,	...	11.8	...	11.3	...	11.7	...	10.2	...	11.2	...	11.1	...	12.4	...	13.4	...	15.3	...	15.7	...	14.7	...	14.5	...	14.3	...	13.5	...	13.5	...	13.1	...	11.5	...	11.2	...	11.8	...	12.1	...	11.3	...	11.2	...	12.3	...	13.4	302.5	12.6	...

TABLE VIII.

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 a.			4 a.			7 a.			10 a.		
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction
1909.												
Nov. 1, ...	10	cum.	E	10	nim.	...	10	nim.	E	10	cum-nim.	E
„ 2, ...	10	cum.	E	10	cum.	E	10	cum.	E	10	sm-cum. / cum.	E
„ 3, ...	10	cum.	E	10	cum.	E	10	nim.	E	9	sm-cum. / cum.	W / ESE
„ 4, ...	10	sm-cum.	WSW	3	cum.	E	4	sm-cum. / cum.	E	10	cum.	E
„ 5, ...	10	cum.	E	10	cum.	E	10	sm-cum. / cum.	E	10	sm-cum. / cum.	E
„ 6, ...	6	cum.	E	10	cum.	E	10	cum.	E	8	sm-cum. / cum.	ESE / E
„ 7, ...	5	cum.	...	7	cum.	...	3	c-cum.	W	4	c-str.	...
„ 8, ...	0	...	...	2	c-str.	...	7	c-str. / c-cum.	SE	7	c-str.	SW
„ 9, ...	2	cum.	NE	10	cum.	E	10	cum.	E	10	cum.	E
„ 10, ...	4	cum.	...	4	cum.	...	7	c-str. / sm-cum. / cum.	S / .. / S	6	sm-cum. / cum.	W / ENE
„ 11, ...	4	cum.	E	9	cum.	ENE	10	cum.	NE	10	cum.	NE
„ 12, ...	10	cum.	ENE	7	cum.	ENE	10	cum-nim.	ENE	10	cum-nim.	ENE
„ 13, ...	10	cum.	...	10	sm-cum. / cum.	E	4	sm-cum. / cum.	E	1	cum.	...
„ 14, ...	4	cum.	...	1	cum.	...	7	cum.	E	7	cum.	E
„ 15, ...	0	...	...	0	...	...	8	c-str.	SW	9	c-str.	SW
„ 16, ...	0	...	...	0	...	...	5	c-str.	...	3	c-str.	...
„ 17, ...	0	...	...	3	c-str.	...	9	c-str.	S	7	c-str.	SSW
„ 18, ...	0	...	...	2	c-str.	...	9	c-str. / cum.	SSW	9	c-str. / cum.	S
„ 19, ...	2	c-str.	...	3	c-str.	...	3	c-str. / sm-cum.	SW	5	c-str.	WSW
„ 20, ...	8	c-str.	...	10	c-str.	...	6	c-str.	SSW	3	c-cum.	SW
„ 21, ...	2	cum.	...	3	sm-cum. / cum.	...	8	sm-cum.	SW	10	cum.	E
„ 22, ...	0	...	...	0	...	...	4	sm-cum. / cum.	ENE	7	cum.	ENE
„ 23, ...	0	...	...	0	...	...	0	...	...	1	cum.	E
„ 24, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 25, ...	0	...	...	0	...	...	1	cum.	...	0	...	...
„ 26, ...	10	sm-cum.	SW	10	sm-cum.	SW	10	sm-cum.	WSW	10	sm-cum.	W
„ 27, ...	10	sm-cum.	SW	9	sm-cum.	WSW	3	sm-cum.	W	4	sm-cum.	W
„ 28, ...	6	sm-cum.	WSW	10	sm-cum.	WSW	5	sm-cum.	W	2	c-str. / sm-cum.	...
„ 29, ...	2	c-str.	...	6	c-str.	...	6	c-str.	...	6	c-str.	...
„ 30, ...	0	...	...	0	...	...	1	c-str.	...	0	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...
Means,...	4.5	...	...	5.3	...	...	6.3	...	...	6.3	...	...

TABLE VIII,—*Continued.*

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 p.			4 p.			7 p.			10 p.			Means.
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	
1909.													
Nov. 1,...	10	nim.	E	10	cum-nim.	E	9	cum.	...	10	cum.	...	9.9
„ 2,...	9	sm-cum. / cum.	E	10	cum.	E	10	cum.	E	10	cum.	E	9.9
„ 3,...	8	sm-cum. / cum.	W / E	4	sm-cum. / cum.	W / ..	8	sm-cum.	W	4	cum.	E	7.9
„ 4,...	4	c-str. / cum.	ESE / E	10	cum.	E	9	cum.	E	10	cum.	E	7.5
„ 5,...	10	cum.	E	10	cum.	E	10	cum.	E	1	cum.	...	8.9
„ 6,...	10	cum.	E	10	cum.	ENE	10	cum.	...	10	cum.	...	9.2
„ 7,...	3	c-str.	...	7	c-str.	SW	0	...	...	0	...	...	3.6
„ 8,...	8	c-str.	...	8	cum.	ENE	10	cum.	ENE	10	cum.	NE	6.5
„ 9,...	10	cum.	E	10	cum.	E	10	cum.	...	6	cum.	...	8.5
„ 10,...	7	sm-cum. / cum.	E	9	cum.	E	7	cum.	E	10	cum.	...	6.8
„ 11,...	10	cum.	NE	10	cum.	NE	10	cum.	NE	10	cum.	NE	9.1
„ 12,...	10	str-cum.	ENE	10	c-cum. / str.	E	10	cum.	...	10	cum.	...	9.6
„ 13,...	1	cum.	...	2	cum.	...	0	...	...	5	c-str.	...	4.1
„ 14,...	3	cum.	...	2	c-str. / cum.	ENE	2	c-str.	...	0	...	...	3.2
„ 15,...	10	c-str.	...	10	c-str.	...	7	c-str.	...	4	c-str.	...	6.0
„ 16,...	7	c-str.	W	8	c-str.	WSW	5	c-str.	...	0	...	...	3.5
„ 17,...	7	c-str. / sm-cum.	SSW / ..	9	c-str. / sm-cum.	SSW / S	9	c-str.	...	4	c-str.	...	6.0
„ 18,...	9	c-str. / sm-cum.	SW / ..	9	c-str. / sm-cum.	WSW / ..	4	c-str.	...	5	c-str.	...	5.9
„ 19,...	5	c-str. / sm-cum.	SW / SW	9	c-str. / sm-cum.	SSW / SW	7	c-str.	...	8	c-str.	...	5.3
„ 20,...	4	c-str. / sm-cum.	SW / ..	2	c-str.	...	4	c-str.	SW	3	sm-cum.	SW	5.0
„ 21,...	9	sm-cum. / cum.	E	10	cum.	E	10	cum.	ESE	10	sm-cum.	SE	7.7
„ 22,...	6	cum.	ENE	2	cum.	...	0	...	...	0	...	...	2.4
„ 23,...	6	cum.	NNE	2	cum.	...	0	...	...	0	...	...	1.1
„ 24,...	4	sm-cum. / cum.	ENE	0	...	...	1	cum.	...	0	...	...	0.6
„ 25,...	4	sm-cum.	W	1	cum.	...	5	sm-cum.	SW	10	sm-cum.	SW	2.6
„ 26,...	6	sm-cum.	WSW	5	sm-cum.	WSW	1	sm-cum.	...	10	sm-cum.	SW	7.8
„ 27,...	1	sm-cum.	...	3	sm-cum.	W	2	sm-cum.	...	2	sm-cum.	...	4.2
„ 28,...	2	c-str.	...	4	c-str.	...	2	c-str.	...	3	c-str.	...	4.3
„ 29,...	6	c-str.	W	9	c-str.	W	2	c-str.	...	0	...	...	4.6
„ 30,...	0	...	...	3	c-str.	...	0	...	...	2	cum.	E	0.8
.....	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,...	6.3	...	...	6.6	...	...	5.5	...	...	5.2	...	...	5.7

TABLE IX.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND,

FOR THE MONTH OF NOVEMBER, 1909.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N −S	+E −W	
1 a.	9.2	4.8	0.2	0.0	+ 9.0	+ 4.8	E 62° N
2 „	8.7	4.6	0.1	0.0	8.6	4.6	E 62° N
3 „	8.9	4.8	0.0	0.0	8.9	4.8	E 62° N
4 „	7.8	4.2	0.1	0.1	7.7	4.1	E 62° N
5 „	8.3	5.3	0.0	0.0	8.3	5.3	E 57° N
6 „	8.1	5.1	0.0	0.0	8.0	5.1	E 58° N
7 „	9.0	5.4	0.2	0.0	8.8	5.4	E 59° N
8 „	10.3	4.7	0.0	0.0	10.3	4.7	E 65° N
9 „	11.3	6.6	0.1	0.0	11.1	6.6	E 59° N
10 „	10.4	7.2	0.4	0.0	10.1	7.2	E 54° N
11 „	8.8	7.4	0.6	0.2	8.3	7.2	E 49° N
Noon.	7.4	8.4	0.9	0.3	6.5	8.1	E 39° N
1 p.	6.2	9.1	1.2	0.3	5.0	8.9	E 30° N
2 „	5.9	8.3	0.9	0.3	5.0	8.0	E 32° N
3 „	6.0	8.2	1.2	0.5	4.8	7.7	E 32° N
4 „	6.1	7.5	0.9	0.8	5.2	6.7	E 38° N
5 „	5.9	6.6	0.5	0.6	5.3	6.0	E 42° N
6 „	6.3	5.6	0.2	0.6	6.1	4.9	E 51° N
7 „	6.4	5.9	0.3	0.3	6.1	5.5	E 48° N
8 „	7.0	6.0	0.3	0.2	6.8	5.8	E 49° N
9 „	6.6	5.8	0.4	0.1	6.2	5.7	E 47° N
10 „	6.7	5.9	0.4	0.0	6.3	5.9	E 47° N
11 „	8.4	6.3	0.5	0.0	7.9	6.3	E 51° N
Midt.	9.6	5.4	0.4	0.0	+ 9.1	+ 5.4	E 60° N
Means,.....	7.9	6.2	0.4	0.2	+7.47	+ 6.03	E 51° N

PHENOMENA :—

Solar halo :—on the 15th, 16th, 17th and 18th.

Solar Corona :—on the 10th.

Lunar halo :—on the 19th and 20th.

Lunar Corona :—on the 18th and 29th.

Slight fog :—on the 23rd.

Haze :—on the 22nd and 30th.

Unusual Visibility :—on the 5th.

Dew :—on the 29th.

TABLE I.

BAROMETRIC PRESSURE, FOR THE MONTH OF DECEMBER, 1909.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.
Dec. 1,...	30.091	30.084	30.076	30.075	30.081	30.090	30.103	30.107	30.122	30.115	30.096	30.071	30.027	30.014	30.008	30.004	30.016	30.019	30.036	30.048	30.066	30.081	30.081	30.075	30.066
„ 2,...	.063	.056	.055	.058	.059	.078	.082	.097	.102	.095	.077	.055	.021	29.999	29.990	29.996	.008	.025	.055	.069	.084	.081	.070	.067	.056
„ 3,...	.064	.062	.070	.076	.080	.099	.105	.113	.127	.120	.100	.058	.019	30.001	.994	.994	.003	.021	.033	.045	.055	.051	.048	.042	.057
„ 4,...	.031	.032	.019	.017	.022	.030	.047	.065	.069	.071	.034	.010	29.969	29.940	.920	.918	29.934	29.944	29.957	29.974	29.990	.000	29.996	29.990	29.999
„ 5,...	29.991	29.982	29.976	29.975	29.974	29.982	.001	.007	.012	.004	29.988	29.956	.937	.917	.927	.928	.945	.945	.968	.980	.992	29.990	.986	.990	.973
„ 6,...	30.004	30.001	.995	.999	30.000	30.005	.017	.025	.043	.017	30.027	30.001	.969	.941	.935	.940	.955	.967	.981	.990	30.003	30.011	30.003	.993	.994
„ 7,...	29.989	29.979	.978	.975	29.975	29.980	29.991	.013	.035	.036	.019	29.984	.956	.934	.915	.915	.918	.932	.944	.959	29.966	29.973	29.965	.967	.971
„ 8,...	.963	.956	.952	.943	.939	.948	.963	29.988	.004	.000	29.971	.948	.910	.885	.862	.860	.870	.886	.903	.923	.936	.943	.939	.934	.935
„ 9,...	.932	.918	.913	.914	.926	.937	.950	.971	29.990	29.994	.971	.938	.893	.864	.850	.843	.857	.876	.898	.927	.945	.955	.967	.964	.925
„ 10,...	.958	.947	.948	.950	.958	.977	.993	30.012	30.025	30.023	30.012	.981	.932	.909	.889	.889	.898	.911	.916	.922	.935	.937	.936	.943	.950
„ 11,...	.940	.932	.917	.907	.903	.915	.923	29.941	29.961	29.954	29.938	.903	.867	.846	.835	.832	.839	.856	.881	.907	.925	.926	.919	.922	.904
„ 12,...	.920	.910	.910	.913	.920	.938	.950	.975	9.03	30.001	.975	.946	.918	.902	.892	.910	.931	.952	.981	30.003	30.033	30.049	30.074	30.086	.962
„ 13,...	30.094	30.103	30.111	30.116	30.113	30.121	30.152	30.165	30.186	.187	30.168	30.144	30.122	30.103	30.089	30.083	30.101	30.107	30.121	.130	.141	.151	.145	.141	30.129
„ 14,...	.135	.129	.117	.117	.114	.123	.126	.134	.151	.145	.127	.109	.063	.040	.026	.023	.035	.053	.076	.084	.089	.100	.099	.102	.096
„ 15,...	.100	.095	.081	.070	.073	.090	.100	.119	.131	.126	.099	.078	.057	.047	.041	.052	.077	.099	.111	.125	.129	.129	.122	.120	.095
„ 16,...	.122	.111	.111	.118	.121	.143	.156	.183	.201	.205	.185	.153	.123	.110	.099	.098	.109	.121	.134	.147	.150	.150	.149	.152	.140
„ 17,...	.142	.139	.144	.139	.151	.167	.185	.204	.217	.209	.178	.145	.110	.092	.080	.073	.081	.096	.121	.134	.142	.143	.132	.127	.140
„ 18,...	.117	.108	.104	.093	.087	.097	.115	.139	.155	.159	.145	.124	.091	.071	.064	.070	.076	.100	.116	.130	.133	.137	.128	.121	.112
„ 19,...	.114	.109	.107	.103	.097	.112	.126	.143	.157	.158	.144	.117	.085	.070	.063	.070	.080	.101	.126	.135	.145	.152	.143	.134	.116
„ 20,...	.131	.119	.104	.093	.101	.114	.130	.148	.167	.175	.158	.138	.094	.064	.043	.042	.054	.076	.095	.114	.122	.134	.123	.119	.111
„ 21,...	.119	.104	.096	.103	.101	.116	.126	.143	.150	.153	.134	.105	.069	.042	.014	.007	.029	.059	.076	.088	.095	.095	.091	.079	.091
„ 22,...	.062	.049	.034	.025	.029	.046	.078	.101	.114	.113	.095	.067	.024	29.999	29.990	29.993	.006	.021	.032	.054	.061	.069	.071	.074	.050
„ 23,...	.071	.048	.032	.033	.040	.052	.072	.106	.128	.128	.124	.098	.054	30.028	30.029	30.036	.044	.065	.080	.101	.111	.131	.131	.118	.078
„ 24,...	.114	.105	.094	.095	.100	.115	.128	.154	.181	.198	.193	.157	.114	.094	.085	.095	.106	.113	.145	.167	.182	.196	.198	.197	.139
„ 25,...	.196	.199	.210	.204	.239	.253	.277	.295	.327	.328	.325	.299	.266	.243	.218	.217	.229	.233	.254	.286	.296	.296	.289	.289	.261
„ 26,...	.278	.276	.254	.245	.250	.258	.273	.294	.318	.314	.296	.272	.240	.213	.196	.195	.203	.215	.241	.254	.258	.254	.244	.232	.253
„ 27,...	.222	.217	.202	.179	.179	.183	.202	.232	.265	.261	.248	.229	.194	.175	.161	.165	.177	.192	.205	.226	.232	.232	.232	.212	.209
„ 28,...	.196	.181	.157	.155	.160	.174	.196	.220	.234	.232	.216	.175	.116	.098	.077	.090	.100	.110	.118	.132	.139	.138	.142	.127	.153
„ 29,...	.119	.097	.081	.067	.072	.069	.080	.093	.106	.109	.100	.072	.026	.005	29.998	29.994	.004	.008	.015	.020	.026	.020	.015	.006	.050
„ 30,...	29.993	29.979	29.961	29.956	29.946	29.947	29.955	29.971	29.973	29.977	29.960	29.936	29.896	29.875	.860	.861	29.877	29.891	29.906	29.919	29.929	29.925	29.903	29.889	29.929
„ 31,...	.881	.870	.853	.854	.847	.854	.867	.880	.893	.893	.881	.851	.820	.798	.791	.791	.805	.813	.829	.836	.845	.841	.837	.829	.844
Means,.....	30.069	30.061	30.054	30.051	30.053	30.065	30.080	30.098	30.114	30.114	30.096	30.068	30.032	30.010	29.998	29.999	30.012	30.026	30.044	30.059	30.070	30.074	30.070	30.066	30.058

TABLE II.

TEMPERATURE, FOR THE MONTH OF DECEMBER, 1909.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.	Max.	Min.
Dec. 1,	65.8	66.0	65.0	64.2	63.9	63.2	63.9	66.1	67.2	68.2	70.4	71.1	70.2	69.9	69.8	68.8	66.8	66.2	65.6	65.1	65.2	64.6	64.4	64.2	66.5	71.7	62.6
„ 2,	63.9	63.9	63.0	62.9	63.5	62.5	62.3	65.1	67.5	68.2	70.0	71.0	72.2	71.8	71.8	70.4	68.9	67.7	67.2	66.6	65.2	66.5	66.1	66.6	66.9	72.2	60.2
„ 3,	66.0	65.3	63.9	63.7	61.5	61.7	61.9	64.4	66.9	67.4	71.2	70.2	71.2	72.2	72.2	73.0	69.4	67.8	67.7	67.8	66.2	63.9	62.4	62.8	66.7	73.0	60.2
„ 4,	62.4	60.9	60.7	60.7	60.0	58.9	60.5	63.2	65.6	66.0	68.2	68.4	69.2	69.8	69.0	67.2	66.4	64.5	63.7	63.0	63.0	61.8	61.8	62.2	64.0	70.3	58.1
„ 5,	61.8	61.8	62.6	62.0	61.2	60.7	60.6	62.7	64.7	67.1	67.2	66.5	66.2	66.4	65.2	65.4	65.2	65.4	65.5	65.8	65.9	65.8	66.1	64.5	64.5	67.2	60.1
„ 6,	64.1	62.8	62.7	61.8	61.6	62.0	62.4	64.7	66.6	67.4	69.1	70.4	68.4	68.9	67.1	66.2	65.2	64.8	64.7	66.2	66.2	66.1	65.9	65.8	65.5	70.6	60.4
„ 7,	65.5	64.8	64.9	64.1	64.1	64.2	64.9	67.4	70.2	70.8	69.7	70.4	69.2	69.2	67.9	67.2	66.5	66.5	66.0	65.3	65.4	65.2	64.8	65.3	66.6	71.0	63.3
„ 8,	64.8	64.3	64.0	64.9	64.8	64.2	64.9	66.7	68.8	68.7	69.5	70.2	70.0	69.2	69.2	68.0	67.1	66.4	65.8	65.6	65.2	65.1	65.3	65.1	66.6	71.0	64.0
„ 9,	64.7	64.7	64.4	64.2	63.9	62.9	64.3	66.3	68.2	71.4	74.2	77.4	75.9	75.2	74.2	74.2	70.4	69.4	68.7	68.2	68.2	67.9	68.0	67.7	68.9	77.9	62.8
„ 10,	67.4	67.2	66.6	66.4	66.3	65.4	65.5	66.2	68.7	70.4	71.0	72.4	69.7	69.5	69.2	67.2	66.6	66.9	67.1	67.4	67.2	67.2	67.0	66.6	67.7	72.8	65.1
„ 11,	65.7	66.0	65.9	65.3	66.0	65.9	66.2	66.7	67.7	69.3	71.0	74.0	73.2	73.7	72.4	71.8	70.4	69.7	69.2	68.8	67.4	67.0	67.2	66.7	68.6	75.0	65.1
„ 12,	66.9	66.2	64.7	63.7	63.7	63.3	62.4	62.7	64.2	66.0	69.0	69.3	69.3	68.2	67.7	68.3	66.7	64.7	64.2	64.0	63.4	62.2	59.8	58.1	64.9	69.4	57.9
„ 13,	55.6	54.2	53.6	53.1	53.4	52.8	52.6	55.0	55.7	57.1	58.0	60.2	62.8	61.8	61.4	60.4	59.9	57.7	57.8	57.1	56.1	55.2	55.4	54.5	56.7	62.8	52.0
„ 14,	55.0	54.9	55.1	55.2	55.5	55.2	53.5	55.4	57.2	58.1	58.5	59.4	60.2	59.8	60.2	60.0	59.2	58.4	58.6	58.8	58.3	58.5	58.0	57.0	57.5	60.2	53.5
„ 15,	57.0	56.0	55.6	56.5	57.4	57.8	56.9	59.0	62.2	63.9	65.0	66.5	68.9	69.0	67.5	65.8	65.2	64.4	64.0	63.1	62.2	62.0	61.9	61.2	62.0	69.2	55.2
„ 16,	60.8	60.4	59.8	59.3	58.8	58.0	57.3	58.2	59.0	60.8	62.9	64.0	65.2	64.6	64.2	64.0	62.8	61.6	59.2	60.6	60.0	59.6	59.4	59.5	60.8	65.2	57.3
„ 17,	57.8	57.0	55.6	55.8	56.4	56.2	56.0	55.5	57.7	61.0	63.3	64.0	66.4	65.2	65.2	64.0	63.8	63.1	61.8	62.0	61.3	61.9	62.6	61.9	60.6	66.4	55.3
„ 18,	61.4	61.2	61.1	60.5	60.2	59.1	59.1	59.2	61.6	63.1	62.7	62.6	63.4	63.2	62.5	63.2	62.4	62.3	62.2	62.0	62.2	62.0	62.1	62.0	61.7	63.4	58.8
„ 19,	61.6	60.9	60.1	59.9	59.7	59.1	58.8	61.2	64.7	65.8	66.4	66.3	67.6	68.2	67.2	66.2	65.2	63.4	62.7	62.2	62.2	61.2	60.1	59.9	62.9	68.2	58.2
„ 20,	59.7	58.9	59.2	58.8	59.4	61.0	61.9	63.2	65.2	67.8	68.5	72.4	70.8	71.4	71.7	68.2	67.4	66.3	65.1	65.0	63.4	63.9	62.8	62.6	64.8	72.4	58.5
„ 21,	61.3	59.7	59.6	57.7	56.7	56.2	56.2	58.0	60.4	60.4	64.0	64.4	66.0	65.6	66.7	64.4	62.5	61.4	60.6	60.2	60.4	60.2	58.2	59.2	60.8	66.9	54.5
„ 22,	59.9	59.1	59.0	58.0	57.8	57.0	57.4	59.5	61.4	61.2	64.2	66.9	65.7	66.2	65.1	65.9	63.6	62.1	60.8	60.2	58.9	58.7	58.4	58.5	61.1	67.4	56.5
„ 23,	58.5	58.8	57.9	58.2	57.7	58.8	59.4	62.1	64.1	65.1	64.9	67.1	66.7	67.4	67.3	66.6	65.1	63.5	62.9	62.4	61.8	61.7	61.6	61.8	62.6	69.5	57.7
„ 24,	61.3	61.1	60.6	59.6	59.1	58.5	59.3	61.1	61.1	62.7	64.1	65.3	65.1	65.8	64.1	63.5	62.6	61.3	61.1	61.0	60.6	60.4	59.7	59.3	61.6	65.1	58.0
„ 25,	58.4	57.7	56.7	55.5	53.3	52.1	53.1	53.7	55.1	57.1	60.1	60.9	61.1	62.1	60.7	59.1	58.8	57.0	55.6	55.1	54.9	54.2	53.6	52.8	56.6	63.3	52.0
„ 26,	52.4	50.8	51.8	51.7	50.8	52.1	52.1	53.7	54.9	56.0	56.8	57.3	57.4	57.4	57.1	56.4	56.1	55.8	56.0	56.9	57.1	58.0	58.8	57.7	55.2	58.9	50.8
„ 27,	57.9	57.7	55.9	55.6	54.8	55.4	55.6	57.9	61.9	62.3	65.1	64.4	65.9	65.6	65.1	63.1	62.8	62.1	61.8	62.1	62.1	62.1	61.9	61.5	60.9	66.4	54.6
„ 28,	61.5	61.6	62.0	60.4	61.1	60.9	61.0	62.3	63.1	63.7	65.9	64.5	64.3	64.6	64.1	64.4	64.1	62.7	63.4	63.8	63.4	63.3	63.0	63.5	63.0	66.0	60.2
„ 29,	63.6	63.9	63.5	63.7	63.4	64.4	65.1	67.3	67.9	70.2	71.9	72.1	72.7	71.8	70.3	68.2	67.3	67.6	65.8	65.1	65.1	65.1	65.3	66.5	67.0	73.9	63.1
„ 30,	65.9	66.3	66.5	67.1	67.3	67.9	67.9	69.8	71.3	71.1	72.0	71.1	71.6	70.1	70.3	69.1	68.7	67.8	67.6	66.1	65.1	65.3	65.9	65.8	68.2	73.7	65.1
„ 31,	66.3	66.6	66.7	65.4	65.9	65.0	65.4	67.1	69.4	70.2	71.9	73.5	73.7	73.3	72.5	71.1	71.0	69.9	68.8	68.9	68.1	66.6	65.9	66.6	68.8	74.1	65.4
Means,	61.8	61.3	60.9	60.5	60.3	60.1	60.3	62.0	63.9	65.1	66.7	67.6	67.8	67.6	67.1	66.2	65.1	64.1	63.6	63.4	63.0	62.7	62.4	62.2	63.6	68.9	58.9

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION, FOR THE MONTH OF DECEMBER, 1909.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.	Solar Max.
Dec. 1, ...	61.1	60.4	60.6	60.3	60.2	60.1	59.9	60.1	60.9	61.0	62.6	63.6	62.5	61.7	62.3	61.9	61.2	60.5	60.8	61.1	60.9	61.5	60.7	60.7	61.1	116.1
„ 2, ...	60.7	59.7	60.2	59.7	59.6	59.9	53.2	53.2	55.1	55.0	57.1	59.0	59.7	59.5	59.3	58.5	57.9	58.2	60.1	61.2	60.6	61.4	60.3	60.7	58.6	122.1
„ 3, ...	60.3	60.1	59.0	57.2	50.9	49.9	50.7	51.4	53.1	53.1	56.4	56.0	57.2	58.1	54.9	57.0	54.9	52.4	51.6	51.3	52.3	52.5	52.1	54.2	54.4	117.5
„ 4, ...	54.8	53.1	52.2	52.5	51.0	49.7	50.1	51.2	52.6	52.1	52.7	54.0	54.7	55.1	56.1	55.2	55.5	56.1	57.3	56.9	56.9	56.7	57.2	57.3	54.2	116.8
„ 5, ...	57.6	57.4	57.3	56.9	56.5	55.8	54.4	55.2	55.3	55.7	54.1	54.2	54.7	54.9	55.1	55.2	55.1	56.6	57.9	58.0	57.2	55.9	56.0	57.6	56.0	114.4
„ 6, ...	57.7	55.8	55.8	55.6	54.4	53.5	52.5	53.0	53.9	54.5	55.7	56.8	57.1	57.9	57.9	56.9	57.9	57.8	58.8	61.8	61.6	61.5	61.4	60.6	57.1	115.5
„ 7, ...	60.3	60.4	59.5	58.7	59.7	59.5	58.9	56.8	60.1	60.4	60.2	59.9	60.4	59.9	60.9	60.7	60.9	61.1	62.1	61.9	62.1	62.2	62.2	62.1	60.5	116.2
„ 8, ...	61.9	62.2	61.8	62.0	62.1	61.5	61.1	61.9	62.7	63.9	62.7	62.9	63.6	63.1	63.0	61.8	61.9	61.9	61.7	61.9	61.9	62.4	62.5	62.0	62.3	116.1
„ 9, ...	61.8	62.0	61.4	61.3	61.5	61.2	61.5	62.9	63.3	63.7	63.9	64.4	64.9	63.9	64.9	64.9	64.6	62.1	62.9	63.4	63.2	62.9	64.1	63.6	63.1	122.1
„ 10, ...	63.6	63.5	62.8	62.6	62.5	62.1	61.5	60.9	62.0	62.4	62.9	62.9	61.9	61.9	62.1	62.2	61.9	62.9	62.9	63.1	63.2	63.6	62.6	62.5	62.5	122.4
„ 11, ...	62.0	62.3	61.9	61.8	61.9	61.9	62.0	62.5	62.0	63.7	63.9	64.7	64.2	65.9	65.6	65.6	64.7	64.2	64.0	64.6	63.9	63.8	63.8	63.5	63.5	122.7
„ 12, ...	63.2	61.4	59.6	58.6	58.4	56.9	56.7	56.5	56.9	57.6	58.9	58.9	59.2	59.2	58.9	58.1	56.6	55.7	55.1	55.4	54.8	53.9	51.6	50.6	57.2	126.0
„ 13, ...	47.9	47.5	47.0	46.7	46.7	46.1	45.9	45.9	47.2	47.4	47.9	49.9	51.1	50.0	49.9	47.7	47.9	46.7	45.9	45.7	44.7	45.2	44.8	44.2	47.1	114.6
„ 14, ...	43.6	44.2	44.8	45.6	46.9	46.7	44.9	46.9	47.4	48.6	49.9	51.7	52.0	51.4	51.6	52.9	52.4	52.2	52.4	51.9	51.9	51.0	51.1	51.3	49.3	108.6
„ 15, ...	51.3	50.1	48.8	48.9	49.5	49.9	48.6	49.6	51.2	51.7	51.1	52.9	55.1	55.1	52.7	52.1	51.9	51.1	51.9	52.9	52.5	51.4	51.0	51.5	51.4	117.7
„ 16, ...	50.6	50.0	50.5	50.1	48.7	47.9	48.7	48.2	48.9	50.1	51.2	51.9	52.1	51.9	51.3	51.6	51.4	51.2	50.7	50.7	49.9	50.9	51.6	51.3	50.5	112.8
„ 17, ...	50.4	49.5	48.8	48.4	48.2	47.6	47.9	47.1	48.9	50.5	52.2	53.4	54.0	52.5	54.1	53.9	54.1	53.5	53.9	53.9	54.0	54.4	57.5	56.6	51.9	113.7
„ 18, ...	55.5	55.1	55.5	54.0	53.7	53.9	54.9	54.2	55.3	55.5	56.0	55.9	55.7	55.3	55.9	56.1	55.9	57.4	58.1	58.4	58.4	57.7	57.3	57.2	56.0	104.8
„ 19, ...	56.5	56.1	55.5	55.3	54.9	55.1	55.5	56.9	58.9	58.7	60.1	56.7	57.9	58.7	58.1	58.0	57.9	56.5	56.5	57.4	57.2	56.6	55.9	55.7	57.0	114.8
„ 20, ...	55.3	54.4	56.4	56.3	56.5	53.5	55.5	54.1	55.5	56.7	56.2	56.8	58.9	59.9	60.0	60.4	59.9	59.7	55.7	54.9	53.9	53.7	53.3	51.7	56.1	117.6
„ 21, ...	52.5	51.5	50.6	48.6	47.9	48.0	46.9	48.5	49.9	51.9	51.7	51.9	54.3	54.4	54.5	61.9	52.4	51.9	51.4	51.6	49.5	48.9	50.6	50.6	50.9	113.4
„ 22, ...	54.6	54.6	54.1	53.6	52.9	52.4	51.7	52.8	52.1	52.9	54.9	56.1	55.2	55.9	55.0	55.7	56.0	55.4	56.1	55.6	55.1	55.2	54.3	54.6	54.4	112.3
„ 23, ...	54.0	54.4	54.3	54.3	54.2	52.7	52.7	54.5	54.5	55.7	56.4	56.5	56.1	56.7	58.0	57.8	56.7	55.3	56.4	56.7	56.2	55.5	57.3	58.5	55.7	113.4
„ 24, ...	56.6	56.8	55.6	55.1	54.3	54.2	55.1	56.2	56.4	56.7	55.7	56.1	56.5	57.4	56.4	56.6	55.9	55.7	56.4	56.5	56.3	56.7	50.6	49.8	55.6	111.5
„ 25, ...	47.5	47.5	47.1	46.1	46.0	45.0	44.5	44.7	45.5	45.7	47.7	47.9	48.2	49.5	47.7	47.7	46.3	44.5	44.7	44.4	43.7	42.9	43.0	42.6	45.9	111.6
„ 26, ...	42.9	42.6	42.6	43.9	44.4	44.6	44.7	45.7	46.7	48.5	47.9	48.3	48.5	49.1	48.4	48.2	48.2	48.3	49.0	49.7	51.0	52.2	52.7	52.5	47.5	105.8
„ 27, ...	52.6	52.5	51.2	50.9	50.7	50.7	50.8	52.3	52.7	53.5	55.3	54.1	55.0	55.1	54.7	55.7	55.8	56.9	55.5	56.2	56.7	57.7	58.6	58.9	54.3	117.5
„ 28, ...	59.1	59.3	58.6	57.8	57.7	57.4	57.5	58.7	59.2	58.9	59.3	58.3	58.2	58.3	57.9	58.9	59.3	58.4	58.4	58.4	57.9	58.7	58.2	57.4	58.4	111.9
„ 29, ...	58.6	58.5	58.0	57.5	57.2	57.3	57.4	57.3	57.7	58.2	58.4	57.7	58.3	57.9	57.3	57.7	57.4	56.5	58.5	58.4	58.7	58.2	58.7	58.1	57.9	124.3
„ 30, ...	58.3	57.8	58.0	57.9	57.8	58.3	58.7	60.0	61.5	60.8	61.5	60.7	61.1	60.7	60.7	60.4	62.3	61.1	62.9	64.4	63.7	62.9	62.7	61.9	60.7	117.1
„ 31, ...	61.7	61.7	61.7	62.9	63.9	64.0	63.7	64.4	65.7	66.6	67.2	68.1	68.3	68.3	67.6	65.8	66.7	66.7	65.7	65.7	65.4	64.7	64.7	64.5	65.3	124.1
Means, ...	56.0	55.6	55.2	54.9	54.5	54.0	53.7	54.3	55.3	55.9	56.5	56.8	57.3	57.4	57.2	57.0	56.8	56.5	56.6	56.9	56.6	56.6	56.4	56.3	56.0	116.0

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR, FOR THE MONTH OF DECEMBER, 1909.

Hours.	Hourly Means. Humidity.	Hourly Means. Tension.	Date.	Daily Means. Humidity.	Daily Means. Tension.
			1909.		
1 a.	67	0.380	Dec. 1,.....	71	0.468
2 „	67	.375	„ 2,.....	58	.384
3 „	66	.369	„ 3,.....	40	.262
4 „	66	.365	„ 4,.....	49	.292
5 „	65	.356	„ 5,.....	55	.337
6 „	64	.345	„ 6,.....	57	.357
7 „	61	.334	„ 7,.....	68	.447
8 „	56	.328	„ 8,.....	77	.506
9 „	54	.332	„ 9,.....	71	.502
10 „	51	.334	„ 10,.....	73	.498
11 „	48	.330	„ 11,.....	74	.519
Noon.	46	.327	„ 12,.....	59	.368
1 p.	47	.339	„ 13,.....	43	.198
2 „	49	.345	„ 14,.....	51	.244
3 „	50	.346	„ 15,.....	43	.241
4 „	52	.351	„ 16,.....	43	.232
5 „	55	.360	„ 17,.....	51	.273
6 „	59	.365	„ 18,.....	68	.375
7 „	62	.374	„ 19,.....	67	.388
8 „	64	.385	„ 20,.....	54	.336
9 „	64	.382	„ 21,.....	45	.244
10 „	65	.386	„ 22,.....	62	.336
11 „	66	.384	„ 23,.....	62	.354
Midt.	66	.384	„ 24,.....	67	.365
			„ 25,.....	37	.170
			„ 26,.....	52	.228
			„ 27,.....	62	.336
			„ 28,.....	74	.429
			„ 29,.....	54	.361
			„ 30,.....	63	.432
			„ 31,.....	82	.579
Mean, ...	59	0.357	Mean, ...	59	0.357

TABLE V.

DURATION OF SUNSHINE.

Date.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Sums.
1909.														
Dec. 1,.....	...	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	...	9.3
„ 2,.....	...	...	0.6	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	...	8.9
„ 3,.....	...	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	9.9
„ 4,.....	...	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	9.8
„ 5,.....	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	10.0
„ 6, ...	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	0.4	...	9.8
„ 7,.....	...	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	...	9.7
„ 8,.....	...	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	...	9.5
„ 9,.....	...	...	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	...	9.2
„ 10,.....	...	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	...	8.7
„ 11,.....	...	...	...	...	...	0.5	0.7	1.0	1.0	0.5	...	...	...	3.7
„ 12,.....	...	...	...	...	0.1	0.5	1.0	0.9	1.0	1.0	0.5	...	...	5.0
„ 13,.....	...	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	9.9
„ 14,.....	...	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	9.8
„ 15,.....	...	...	...	0.2	1.0	1.0	1.0	1.0	0.7	0.2	...	...	...	5.1
„ 16,.....	...	...	...	...	0.1	1.0	1.0	1.0	1.0	1.0	1.0	0.1	...	6.2
„ 17,.....	...	...	0.2	...	0.5	0.8	1.0	1.0	0.5	0.1	...	...	...	4.1
„ 18,.....	...	...	0.2	1.0	0.4	...	...	...	0.2	0.3	0.1	...	...	2.2
„ 19,.....	...	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	...	9.5
„ 20,.....	...	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	...	9.6
„ 21,.....	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	...	9.6
„ 22,.....	...	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	...	9.7
„ 23,.....	...	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	...	...	9.2
„ 24,.....	...	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	...	9.2
„ 25,.....	...	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	...	9.5
„ 26,.....	...	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	...	9.5
„ 27,.....	...	0.3	1.0	1.0	1.0	1.0	0.7	0.8	1.0	0.5	...	...	...	7.3
„ 28,.....	...	...	1.0	0.8	0.5	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	8.8
„ 29,.....	...	...	0.2	0.1	0.9	1.0	0.3	1.0	1.0	1.0	1.0	0.5	...	7.0
„ 30,.....	...	...	...	0.9	0.2	0.5	...	...	0.4	0.1	0.1	...	...	2.2
„ 31,.....	...	...	...	1.0	0.9	1.0	1.0	1.0	1.0	0.7	0.7	0.5	...	7.8
Sums,.....	...	5.2	21.7	24.9	25.6	28.3	27.7	28.7	28.8	26.3	24.3	8.2	...	249.7

TABLE VI.

RAINFALL FOR THE MONTH OF DECEMBER, 1909.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Sums.	Duration. Hours.
Dec. 1,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 2,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 3,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 4,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 5,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 6,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 7,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 8,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 9,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 10,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 11,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 12,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 13,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 14,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 15,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 16,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 17,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 18,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 19,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 20,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 21,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 22,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 23,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 24,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 25,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 26,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 27,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 28,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 29,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 30,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 31,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

N.B.—No rainfall was recorded during above month.

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND, FOR THE MONTH OF DECEMBER, 1909.

DATE.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.		7 a.		8 a.		9 a.		10 a.		11 a.		Noon.		1 p.		2 p.		3 p.		4 p.		5 p.		6 p.		7 p.		8 p.		9 p.		10 p.		11 p.		Midt.		VEL.		DIR.
	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Sums.	Means.	Means.
Dec. 1,	7	16	6	11	6	12	7	10	7	7	7	8	7	8	7	10	8	8	8	11	8	8	8	12	9	15	9	15	7	10	7	10	8	7	8	9	8	8	8	7	8	8	8	8	8	6	8	2	226	9.4	8
„ 2,	8	4	8	2	...	1	8	3	...	1	8	3	8	4	4	6	4	6	6	11	7	12	8	12	9	14	9	12	10	12	10	11	10	14	10	10	10	10	10	6	10	4	10	10	8	17	7	22	204	8.5	8
„ 3,	6	14	4	7	4	6	2	9	2	14	2	14	2	7	2	6	2	5	1	14	3	8	5	8	8	11	8	8	32	10	32	7	32	9	32	8	32	6	32	9	2	7	2	5	2	4	...	1	197	8.2	2
„ 4,	2	3	2	2	...	1	...	1	2	2	...	1	2	2	2	3	1	9	5	7	6	11	9	11	9	11	9	10	10	9	10	9	10	4	10	3	10	2	10	5	10	6	10	2	...	0	10	2	116	4.8	7
„ 5,	6	5	6	6	4	11	4	7	3	8	4	9	4	12	4	12	6	13	4	20	6	22	8	28	8	23	7	28	7	20	7	24	6	21	6	21	6	23	6	22	6	29	6	30	7	30	6	27	451	18.8	6
„ 6,	5	16	6	17	5	18	4	16	4	16	5	11	1	8	4	8	3	6	4	11	6	13	9	17	9	16	9	19	10	16	11	17	11	12	6	11	5	9	7	17	7	22	6	21	7	26	7	28	371	15.5	7
„ 7,	7	27	7	28	7	23	7	23	5	16	5	15	7	13	8	9	8	13	8	19	9	18	9	19	9	18	9	19	9	22	9	20	8	17	8	15	7	11	7	11	7	11	7	12	7	7	7	8	3 4	16.4	8
„ 8,	7	16	6	15	7	14	7	21	7	21	7	19	7	21	7	18	8	17	8	20	8	18	9	17	10	20	10	20	10	16	10	18	9	14	9	13	8	10	8	9	8	6	8	7	9	7	7	5	362	15.1	8
„ 9,	7	5	5	6	8	4	...	0		0	...	1	...	0	...	1	9	3	8	4	7	5	14	5	11	10	11	8	11	3	25	9	11	6	11	10	9	9	9	9	8	11	8	20	6	20	6	21	166	6.9	8
„ 10,	6	22	7	24	4	14	7	22	7	17	5	15	5	8	32	7	32	8	6	9	8	12	8	18	8	25	8	23	8	25	9	22	8	16	8	18	8	21	8	27	8	27	8	27	7	27	7	29	463	19.3	7
„ 11,	7	22	7	27	7	18	7	18	8	20	7	14	5	9	7	13	7	10	8	4	8	3	9	3	25	6	22	5	24	10	24	5	26	5	26	5	...	1	26	6	8	11	8	10	9	7	11	5	237	9.9	7
„ 12,	2	3	1	8	32	9	3	9	1	4	2	7	1	8	32	7	32	9	32	7	3	4	22	8	22	8	24	15	25	13	2	9	32	12	32	10	31	6	30	5	3	5	1	11	2	12	2	12	201	8.4	32
„ 13,	1	13	1	14	32	15	32	9	32	5	31	5	31	8	2	15	1	19	1	21	1	24	1	18	32	17	1	19	1	18	1	18	32	16	1	15	1	19	32	15	1	15	2	5	1	11	32	10	344	14.3	1
„ 14,	2	10	2	8	3	12	2	9	4	11	5	19	4	19	5	21	6	18	8	27	7	21	8	20	7	21	8	19	8	17	7	16	7	12	8	14	8	7	7	7	3	6	5	4	...	1	...	1	320	13.3	6
„ 15,	...	1	11	3	3	4	2	7	2	7	7	2	...	1	32	10	8	7	32	12	2	6	32	5	9	6	11	11	1	12	32	11	32	7	32	7	6	10	3	6	1	9	32	8	32	8	32	7	167	7.0	2
„ 16,	32	6	1	5	2	3	2	9	1	13	32	5	32	8	32	6	32	7	32	7	6	11	4	10	8	10	5	7	4	11	7	13	6	9	5	8	2	9	1	10	32	10	32	6	32	5	32	4	192	8.0	3
„ 17,	1	4	32	7	32	9	32	11	1	14	32	14	32	10	32	12	31	11	32	9	11	2	18	4	15	5	22	6	24	5	12	4	2	3	7	11	7	8	7	8	5	8	4	10	7	19	6	15	203	8.5	3
„ 18,	6	17	6	15	5	3	6	13	4	13	6	12	6	13	4	13	5	18	5	20	7	18	8	19	9	15	9	13	10	15	9	14	7	12	7	17	7	17	7	18	6	26	7	29	7	29	6	27	417	17.4	7
„ 19,	7	26	6	22	6	21	5	12	6	12	4	9	5	9	6	10	8	8	10	11	9	11	9	15	9	11	10	16	11	15	10	12	9	14	8	14	9	12	8	10	10	8	...	1	10	2	10	3	281	11.7	8
„ 20,	10	4	10	2	...	0	10	2	13	2	29	2	1	3	32	7	32	5	32	6	32	11	32	6	26	3	1	4	30	4	24	4	22	4	32	2	1	5	2	2	32	5	32	3	24	6	24	4	96	4.0	31
„ 21,	32	6	32	8	2	11	32	7	2	11	2	6	32	14	32	6	31	8	31	12	1	7	14	6	24	4	25	4	22	4	3	7	3	6	1	4	...	1	...	0	4	9	3	6	8	2	11	2	148	6.2	32
„ 22,	8	11	4	13	4	15	4	15	4	8	6	8	5	10	6	8	8	16	7	13	10	10	11	8	11	10	9	10	9	7	24	9	24	5	27	4	...	1	4	3	8	4	8	2	...	1	...	6	191	8.0	7
„ 23,	...	1	...	0	5	2	...	0	...	0	...	0	...	1	11	5	5	9	9	11	9	12	11	13	11	12	12	8	10	11	10	10	8	8	2	4	8	9	8	7	8	4	9	7	9	9	8	20	163	6.8	9
„ 24,	7	21	6	18	7	17	6	14	7	10	6	13	8	12	6	9	8	12	10	15	10	16	11	16	9	16	9	14	9	17	8	12	9	13	9	11	9	11	8	10	7	7	8	6	32	14	1	22	326	13.6	7
„ 25,	1	24	1	16	2	14	2	23	2	14	30	5	2	14	2	16	2	18	1	15	1	11	1	12	1	10	1	7	32	12	2	13	32	11	1	16	32	13	32	8	4	9	2	13	2	10	5	4	302	12.6	1
„ 26,	3	5	31	5	1	3	2	2	3	5	4	9	6	12	4	18	5	18	7	26	7	26	7	24	7	24	8	20	8	20	8	17	8	15	8	14	6	11	8	13	6	13	7	19	7	25	7	28	372	15.5	7
„ 27,	6	21	6	13	7	14	6	16	4	10	5	11	7	3	3	6	7	11	8	16	8	11	8	19	11	12	11	9	9	13	9	11	9	4	9	15	8	15	7	9	8	14	8	12	7	15	8	17	297	12.4	8
„ 28,	8	19	9	19	8	18	6	10	7	14	8	18	7	18	8	19	8	22	10	21	9	21	8	24	8	34	8	31	8	31	9	19	9	20	8	18	8	19	8	16	8	18	8	16	10	15	7	16	473	19.7	8
„ 29,	7	5	12	5	10	11	10	11	11	11	10	8	11	14	11	15	10	11	10	16	11	17	10	16	9	20	9	18	7	16	8	16	8	16	8	15	9	10	9	9	10	12	10	15	11	15	9	15	317	13.2	10
„ 30,	9	15	10	12	11	13	9	13	9	15	9	15	9	15	9	15	8	18	10	17	9	17	8	15	8	16	9	18	8	17	9	23	9	13	8	13	9	19	9	20	9	19	9	16	10	12	9	12	378	15.7	9
„ 31,	9	15	9	16	10	11	10	7	...	1	...	0	...	1	...	0	...	0	9	5	23	6	24	9	26	12	23	13	25	11	26	7	27	5	27	4	...	0	...	0	..	1	27	2	...	0	...	0	126	5.3	23
Sums.	...	377	...	355	...	337	...	329	...	296	...	275	...	279	...	311	...	343	...	417	...	392	...	417	...	432	...	429	...	422	...	393	...	327	...	339	...	312	...	504	...	344	...	343	...	362	...	366	8501	354.2	...
Means.	...	12.2	...	11.5	...	10.9	...	10.6	...	9.5	...	8.9	...	9.0	...	10.0	...	11.1	...	13.5	...	12.6	...	13.5	...	13.9	...	13.8	...	13.6	...	12.7	...	10.5	...	10.9	...	10.1	...	9.8	...	11.1	...	11.1	...	11.7	...	11.8	274.2	11.4	...

20th 9.30 a. Instrument dismounted for cleaning. Restarted 5.15 p.m. Hourly values for velocity during interval obtained from readings of portable anemometer.

TABLE VIII.

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 a.			4 a.			7 a.			10 a.		
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction
1909.												
Dec. 1, ...	1	cum.	E	1	cum.	...	1	sm-cum.	...	0	...	...
„ 2, ...	1	c-str.	...	0	...	...	2	sm-cum.	...	2	sm-cum.	...
„ 3, ...	2	cum.	E	0	...	...	0	...	...	0	...	...
„ 4, ...	0	...	...	0	...	...	4	c-str.	...	0	...	...
„ 5, ...	1	cum.	...	0	...	...	0	...	...	0	...	...
„ 6, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 7, ...	1	cum.	...	0	...	...	0	...	...	0	...	...
„ 8, ...	2	cum.	...	1	cum.	...	3	cum.	E	1	cum.	E
„ 9, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 10, ...	2	cum.	...	6	cum.	E	9	cum.	ENE	1	cum.	...
„ 11, ...	10	cum.	E	10	cum.	E	10	sm-cum. / cum.	W / E	10	sm-cum. / cum.	W / E
„ 12, ...	2	cum.	...	10	cum.	ENE	10	sm-cum. / cum.	W / ...	10	sm-cum.	W
„ 13, ...	6	sm-cum.	W	10	sm-cum.	W	3	c-str. / sm-cum.	...	1	c-str.	...
„ 14, ...	0	...	...	0	...	...	2	c-str. / cum.	...	0	...	...
„ 15, ...	0	...	...	2	sm-cum.	...	9	c-str. / sm-cum.	SSW	7	c-str. / sm-cum.	SW / SSW
„ 16, ...	7	sm-cum.	...	4	sm-cum.	...	10	sm-cum.	W	10	sm-cum.	WSW
„ 17, ...	10	sm-cum.	...	4	sm-cum.	...	10	sm-cum.	W	9	sm-cum.	WSW
„ 18, ...	8	sm-cum.	W	7	cum.	E	7	sm-cum. / cum.	E	10	sm-cum. / cum.	W / E
„ 19, ...	10	cum.	E	0	...	...	2	cum.	ENE	0	...	...
„ 20, ...	0	...	...	0	...	...	5	c-str.	...	0	...	...
„ 21, ...	0	...	...	0	...	...	3	c-str.	...	2	c-str.	W
„ 22, ...	1	cum.	E	0	...	...	0	...	...	0	...	...
„ 23, ...	0	...	...	0	...	...	3	c-str.	...	1	c-str.	...
„ 24, ...	1	cum.	E	0	...	...	4	c-str.	...	0	...	...
„ 25, ...	0	...	...	0	...	...	2	c-str.	...	0	...	...
„ 26, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 27, ...	3	cum.	ENE	1	cum.	...	0	...	...	1	sm-cum.	...
„ 28, ...	6	sm-cum. / cum.	SSE / E	8	cum.	E	8	sm-cum. / cum.	SW / E	8	sm-cum.	SW
„ 29, ...	10	cum.	ESE	7	cum.	ESE	6	cum.	E	1	cum.	...
„ 30, ...	9	cum.	SE	8	cum.	SE	7	sm-cum. / cum.	SSW / ESE	10	cum.	ESE
„ 31, ...	10	cum.	SSE	10	cum.	S	10	cum.	...	7	cum.	SW
Means,...	3.3	...	...	2.9	...	...	4.2	...	...	2.9	...	...

TABLE VIII,—*Continued.*

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 p.			4 p.			7 p.			10 p.			Means.
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	
1909.													
Dec. 1,...	1	cum.	...	1	c-cum.	...	0	...	...	0	...	...	0.6
,, 2,...	4	c-cum. / sm-cum.	W / W	2	c-cum.	...	0	...	...	0	...	...	1.4
,, 3,...	0	...	...	0	...	...	0	...	...	0	...	...	0.2
,, 4,...	0	...	...	0	...	...	0	...	...	0	...	...	0.5
,, 5,...	0	...	...	0	...	...	0	...	...	0	...	...	0.1
,, 6,...	1	cum.	...	0	...	...	2	cum.	E	5	cum.	E	1.0
,, 7,...	0	...	...	1	c-str.	...	0	...	...	0	...	...	0.3
,, 8,...	1	cum.	...	0	...	...	0	...	...	0	...	...	1.0
,, 9,...	1	c-str.	...	0	...	...	0	...	...	0	...	...	0.1
,, 10,...	2	sm-cum. / cum.	NE	4	sm-cum. / cum.	SW / ENE	7	cum.	ENE	8	cum.	E	4.9
,, 11,...	3	sm-cum. / cum.	W / E	10	sm-cum. / cum.	E	4	sm-cum.	...	4	sm-cum.	...	7.6
,, 12,...	7	sm-cum.	W	9	sm-cum.	W	6	sm-cum.	WSW	2	sm-cum.	...	7.0
,, 13,...	2	cum.	ENE	0	...	...	0	...	...	0	...	...	2.7
,, 14,...	0	...	...	0	...	...	0	...	...	0	...	...	0.3
,, 15,...	6	c-str.	SW	10	sm-cum.	SW	7	sm-cum.	SW	6	sm-cum.	...	5.9
,, 16,...	7	c-str. / sm-cum.	WSW / SW	4	c-str. / sm-cum.	SSW	2	sm-cum.	...	8	sm-cum.	...	6.5
,, 17,...	9	sm-cum.	WSW	8	sm-cum.	WSW	8	sm-cum.	WSW	10	sm-cum.	W	8.5
,, 18,...	10	sm-cum. / cum.	WNW / E	10	sm-cum.	WNW	10	sm-cum.	WNW	10	sm-cum. / cum.	WNW / ENE	9.0
,, 19,...	1	c-str.	...	1	c-str.	...	0	...	...	0	...	...	1.7
,, 20,...	1	c-str.	...	2	c-str.	...	0	...	...	1	c-str.	...	1.1
,, 21,...	2	c-str.	...	2	c-str.	W	0	...	...	0	...	...	1.1
,, 22,...	0	...	...	0	...	...	0	...	...	0	...	...	0.1
,, 23,...	0	...	...	0	...	...	0	...	...	0	...	...	0.5
,, 24,...	1	c-str.	...	0	...	...	0	...	...	0	...	...	0.8
,, 25,...	0	...	...	0	...	...	0	...	...	0	...	...	0.2
,, 26,...	0	...	...	0	...	...	0	...	...	2	cum.	ENE	0.3
,, 27,...	3	sm-cum.	SSE	10	str-cum.	...	9	cum.	ESE	9	sm-cum.	SSE	4.5
,, 28,...	0	...	...	0	...	...	0	...	...	0	...	...	3.7
,, 29,...	7	cum.	ESE	2	c-cum.	...	0	...	...	0	...	...	4.1
,, 30,...	8	cum.	SE	9	sm-cum. / cum.	W / SE	10	cum.	SSE	9	cum.	SSE	8.8
,, 31,...	8	cum.	SW	8	cum.	SW	3	cum.	SW	0	...	...	7.0
Means,...	2.7	...	...	3.0	...	...	2.2	...	...	2.4	...	...	3.0

TABLE IX.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR THE MONTH OF DECEMBER, 1909.

Hour.	Components (miles per hour).						Directio
	N	E	S	W	+N −S	+E −W	
1 a.	4.4	10.0	0.3	0.0	+ 4.2	+ 10.0	E 23°
2 „	4.8	8.9	0.6	0.0	4.2	8.8	E 25°
3 „	5.0	8.1	0.5	0.0	4.5	8.1	E 29°
4 „	5.1	7.8	0.4	0.0	4.8	7.8	E 32°
5 „	4.9	6.7	0.4	0.0	4.6	6.7	E 34°
6 „	4.3	6.5	0.2	0.1	4.1	6.4	E 32°
7 „	4.5	6.2	0.4	0.1	4.1	6.1	E 34°
8 „	5.5	6.4	0.5	0.0	5.0	6.4	E 38°
9 „	4.8	7.8	0.2	0.1	4.6	7.7	E 31°
10 „	5.1	9.6	1.1	0.1	4.0	9.5	E 23°
11 „	3.5	10.2	1.2	0.2	2.3	10.0	E 13°
Noon.	1.8	11.0	1.7	0.8	+ 0.1	10.2	E 1°
1 p.	1.4	11.6	2.3	1.0	− 0.9	10.6	E 5°
2 „	1.3	11.3	2.4	1.4	− 1.1	9.9	E 6°
3 „	2.5	10.2	1.7	1.5	+ 0.8	8.7	E 5
4 „	2.5	9.8	1.8	0.9	0.7	8.9	E 5°
5 „	2.7	7.8	1.1	0.6	1.5	7.2	E 12°
6 „	3.0	8.5	0.6	0.4	2.4	8.1	E 16°
7 „	2.8	8.1	0.5	0.0	2.2	8.1	E 15°
8 „	2.6	7.9	0.4	0.3	2.2	7.7	E 16
9 „	3.3	9.2	0.5	0.0	2.8	9.2	E 17°
10 „	3.1	9.2	0.5	0.1	2.6	9.2	E 16
11 „	3.4	9.5	0.8	0.2	2.6	9.3	E 16°
Midt.	3.8	9.7	0.4	0.1	+ 3.4	+ 9.6	E 20°
Means,.....	3.6	8.8	0.9	0.3	+2.74	+ 8.51	E 18

PHENOMENA :—

Fog :—on the 31st.

Slight fog :—on the 9th.

Haze :—on the 1st, 2nd, 4th, 5th, 9th, 15th, 17th, 20th, 21st and 22nd.

Unusual Visibility :—on the 13th and 29th.

Dew :—on the 2nd, 4th, 9th, 20th and 23rd.