APR

METEOROLOGICAL OBSERVATIONS

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IN THE YEAR

1911

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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 55 per cent., partial success 32 per cent., failure 2 per cent., partial failure 11 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, 87 per cent. of the weather-forecasts were successful in 1911.

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

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

2. In general the typhoons of 1911 took a more Northerly course than usual, and in contrast to the year 1910 it is noteworthy that, with the exception of a typhoon which reached Tongking to the South of Haiphong on 21st September, and a depression, of little importance, which entered Annam near Tourane on August 23rd, not a single typhoon crossed the China Sea to the Southward of the 18th parallel. The Western side of the China Sea was thus almost entirely free of these disturbances in 1911, and Annam, which was devastated by typhoons in 1910, was not visited by a hurricane during the year under notice.

Three severe gales, due to typhoons, were felt in Hongkong, the first on July 3rd to 4th, when the squalls reached a maximum velocity at the rate of 73 miles per hour, as recorded by the pressure-tube Anemograph; the second on July 27th when squalls up to a velocity of 74 miles were registered; and the third on August 3rd to 6th when the maximum velocity in the squalls reached 79 miles.

The centre of the typhoon of July 27th passed between Hongkong and Gap Rock, but fortunately the disturbance was not of great depth. That of August 3rd to 6th, which entered the coast on the afternoon of the 5th a few miles to the West of Macao, was remarkable for the slow speed at which it moved between the 3rd and 5th, the average speed during this period being under 5 miles per hour. Between noon of the 4th and 5th, its rate of progression was only 3 miles per hour.

The paths of these disturbances are shown in the "Typhoon Tracks of 1911" which have been laid down by Miss Doberck. They will be published and distributed as soon as possible.

3. About 70 copies of the China Coast Meteorological Register were distributed in the City daily, and hand-made copies of the daily weather map were exhibited on the notice boards as in past years.

4. The Directors of the Philippine Weather Bureau and of the Formosa Weather Service kindly forwarded "extra" meteorological messages from stations in the Philippines and Formosa during the prevalence of typhoons in the neighbourhood of those areas. The messages so forwarded were comparatively few in number owing to the breakdown of land telegraph lines at these times. The interruption of telegraphic communication on such occasions is a serious handicap to all those engaged in the task of issuing storm-warnings, but it is understood that wireless apparatus will be installed at some important outlying stations in the Philippines in the near future, and the Chinese Government has promised to erect such a station at Pratas Shoal.

5. As in the previous year, the Imperial Maritime Customs Authorities at Swatow kindly forwarded an extra meteorological observation, made at 9 p.m., from May till October, but the messages were frequently much delayed during transmission.

6. The Hoihow and Pakhoi telegrams continue to be received too late for forecasting purposes.

7. Special warnings, in addition to the ordinary warnings sent by code, were forwarded to the Authorities in Canton whenever typhoons threatened the coast in this neighbourhood.

8. By the courtesy of the Naval Authorities, meteorological observations made on H.M. Ships were occasionally forwarded to the Observatory by wireless telegraphy.

9. The Telegraph Companies, as in previous years, have continued to forward daily a large number of meteorological telegrams from outports to Hongkong free of charge, and the thanks of the Government are due to the Companies concerned for these valuable services. In addition the staffs of the Eastern Australasia and China Telegraph Company at Sharp Peak, Iloilo, Bacolod and Cebu, render great assistance by kindly making and transmitting meteorological observations twice daily.

10. During the year 1911, in addition to meteorological registers kept at about 40 stations on shore, 3,113 shiplogs have been received. A few of the latter have been copied on board, but the majority have been forwarded by the captains. The total number of vessels whose logbooks have been made use of was 348. The total number of days' observations (counting separately those made on different ships on the same day) was 24,653. Acknowledgment is here made of the courtesy of those masters of vessels who have been good enough to forward their observations.

11. The entry of observations made 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, and 418,760 in all have now been tabulated in the books.

With a view to the construction of Pilot Charts, the calculation of the means of the above observations is in progress. For the area comprised by the Equator and 25° North latitude and 100° to 125° East longitude the values for March and April are approaching completion.

For use in the same connection ten-yearly means (1896—1905) of the barometer readings made at lighthouses and other stations along the China Coast have been extracted. The stations so dealt with are as follows:—Pakhoi, Hoihow, Breaker Point, Lamocks, Chapel Island, Turnabout, Sharp Peak, Pei-yu-shan, Steep Island, Gutzlaff, North Saddle, Shaweishan, Northeast Promontory and Chefoo.

The wind prevalance for the same period has been determined for the following stations:—Breaker Point, Lamocks, Chapel Island, Turnabout, Pei-yu-shan and North Saddle.

A part of this work was completed in 1910.

12. A new standard barometer by Casella, London, No. 2451, was purchased in the spring. This instrument was compared with the standards of the Kew Observatory before being despatched to Hongkong. On arrival it was mounted beside the adopted standard of this Observatory, Negretti and Zambra No. 1368, which was brought out to the Colony in 1883 and which is the standard to which all the barometric observations made at this Observatory have been referred. The following gives the corrections to the instruments as determined at Kew:—

Year 1883. Negretti and Zambra No. 1368 −0.007″.

Year 1912. C. F. Casella & Co. No. 2451 +0.005″.

A comparison between the two instruments, made here from June till October, after applying the original Kew corrections to both instruments, shows a difference of 0.002″ in the sense that using the new instrument as standard the correction to the older instrument No. 1368 is −0.005″ instead of −0.007″. This is so far satisfactory that it is not proposed to make any change of standard, and the barometric observations will be referred to Negretti and Zambra No. 1368 as heretofore.

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

14. The rainfall in inches registered by the gauge placed in the Police compound at Taipo, New Territories, was as follows:—January 1.99, February 0.53, March 3.70, April 8.65, May 21.36, June 5.19, July 12.41, August 36.33, September 7.60, October 5.57, November 3.65, December 0.10, the total for the year being 107.28 inches. On an average during the preceding five years the rainfall at Taipo was in excess of that recorded at the Observatory by 20 per cent. In 1911 it was 18 per cent. in excess.

The rainfall recorded at the Public Gardens in 1911 was as follows:—January 0.67, February 0.04, March 2.79, April 5.52, May 23.07, June 5.88, July 9.50, August 22.63, gauge choked on 6th, September 8.19, October 6.31, November 2.93, December 0.41, the total for the year being 87.94 inches. These figures are furnished by the Superintendent of the Botanical and Forestry Department. The total fall at the Gardens was 2.61 inches less than that registered at the Observatory, but this is in part due probably to the choking of the gauge on August 6th. On an average of the five preceding years the fall at the Gardens was 10 per cent. in excess of that recorded at the Observatory.

15. The comparison of the records of the Robinson Anemograph (Beckley pattern) and the Dines pressure-tube anemograph has been continued in 1911.

Particulars of the positions the instruments occupy on the roof were given in last year's report. No change has been made, but in August the recording apparatus of the pressure-tube instrument was taken asunder, cleaned, and the water changed, distilled water being used as before.

The records of the pressure-tube instrument have been tabulated independently by two observers and the results of the comparison of the two instruments is now given under different velocities and wind directions, for the period May to December 1910 in Table XII, and for that of January to December 1911 in Table XIII.

To reduce the actual run of the cups of the Robinson to velocities recorded by the pressure-tube instrument, using all the observations, the factor for the year 1911 was found to be 2.26, as against 2.22 found for the period May to December 1910; or omitting velocities below 6 miles per hour (Robinson) 2.29 and 2.25 respectively.

On reference to the tables it will be seen that the adoption of a constant factor to reduce the Robinson to the pressure-tube velocities would, in the case of our instrument, be impracticable—the factor varying considerably with wind direction.

On plotting the results on a chart and smoothing the curves, maxima are found with the wind direction near the East and West points, and minima near the North and South points, the difference in the factor varying approximately from 2.3 in the former to 2.0 in the latter.

The higher factor obtained with winds from the East and West may be due, in part, to the sheltering influences of the chimney stacks which are situated at a distance of 22½ feet due East and West of the Robinson, the cups, however, being placed at a height of 4½ feet above the highest point of the stacks. For these winds the pressure-tube instrument would be little affected, as it is placed on the Northern edge of the roof. There are probably other contributory causes, such as the rectangular shape of the building (83 feet by 45 feet, the greater length lying in an East and West direction), the configuration of the surrounding ground, also the character of the wind, which is very much steadier from Easterly than from other directions.

It is proposed to make some experiments with a portable anemometer, which can be shifted readily to various positions on the roof, with a view to elucidating the cause of the change of factor with wind direction.

As regards velocity the results obtained in 1911 indicate that the factor remains practically constant with wind velocities above 10 miles per hour (Robinson).

Squall velocities and their relation to mean velocities as derived from the records of the pressure-tube anemograph during the typhoons of July 3rd to 4th, July 27th, and August 2nd to 7th are shown in Table XIV.

The daily maximum velocity of the wind in a gust, as recorded by the pressure-tube anemograph, is given in Table XI.

16. In February electric lamps for lighting the transit instrument were installed, the necessary current being supplied by means of accumulators.

The number of transits observed during 1911 was 1,195. The axis of the instrument was levelled 439 times, and the azimuth and collimation errors were determined 22 times by the aid of the meridian mark. With a few exceptions, these observations were made by Mr. Jeffries. The time-ball clock was cleaned and the sidereal standard clock oiled on November 9th. The going of all the standard clocks has been satisfactory.

17. The errors of the time-ball are given in Table I. The ball is not dropped on Sundays nor on Government holidays. There was one failure, on December 2nd, when the locking apparatus slipped owing to lack of tension on one of the springs, when the ball fell two minutes before one o'clock while the winding apparatus was still in gear. The pinion was broken. A new one was supplied by the Hongkong and Whampoa Dock Co. and fitted on December 5th. On July 3rd, 4th and 27th and on August 4th and 5th the ball was not hoisted owing to gales caused by typhoons in the vicinity of the Colony. It was dropped successfully 291 times in 1911. The probable error in January was ± 0*s*.18, in February ± 0*s*.11, in March ± 0*s*.14, in April ± 0*s*.15, in May ± 0*s*.23, in June ± 0*s*.14, in July ± 0*s*.15, in August ± 0*s*.13, in September ± 0*s*.15, in October ± 0*s*.16, in November ± 0*s*.15 and in December ± 0*s*.15.

In November the time-ball was overhauled by the Dock Co., some necessary repairs effected and the ball painted, without, however, interfering with its dropping at 1 p.m., which was continued as usual.

18. Dr. C. K. Edmunds who, from time to time during the past six years has been engaged in magnetic survey work in various parts of China, under the auspices of the Department of Research in Terrestrial Magnetism, Carnegie Institution, Washington, spent some days here in March and July in comparing his instruments with those of this Observatory.

19. In January Mr. J. I. Plummer for 20 years Chief Assistant in the Observatory went on leave, prior to retirement, and in view of my own retirement in the year now current it was decided to appoint a Director Designate of the Observatory. Mr. T. F. Claxton, for several years Director of the Mauritius Observatory, received the appointment. He arrived in the Colony at the end of last May in order that he might gain some experience of the meteorological conditions obtaining in the Far East before I left the Colony.

At the instance of the Government, Mr. Claxton visited the Observatories at Manila, Tokio and Sicawei in October and November in order that he might become in touch with the Directors, and acquire an insight into the methods adopted in those institutions.

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 Annual Weather Report for 1911 is arranged as follows :—

Table II gives the monthly means for 1911 and the departure from the mean of 25 years. Observations of barometric pressure given herein are reduced to freezing point of water only, unless otherwise stated.

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 761 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. Table XI shows the daily maximum velocity of the wind in a gust according to the pressure-tube anemograph.

Tables XII and XIII give the result of a comparison between the Robinson and pressure-tube anemographs.

Table XIV compares mean and squall wind velocities.

23. The observations of magnetic declination and horizontal force published in Tables XV and XVI were made with magnet No. 55 on Kew pattern unifilar magnetometer Elliot Brothers, 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 Westward of the transit instrument. This is equivalent to a difference of longitude of 0·33. 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 Elliot Brothers, No. 55". The value π^2K used was 3·44919 at 20° Cent. The value of P was 7·304. The mean value of the magnetic moment of the vibrating needle was 566·02. From comparisons made between magnetometers No. 55 and No. 83 in the year 1898 it was shown that the correction to the horizontal force as obtained by the former as given in Tables XVI and XVII was +0·00052 (see "Observations and Researches made in 1898" page 19).

The times of vibration exhibited in Table XVI 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 XVII are expressed in C.G.S. units. The vertical and total forces have been computed by aid of the observed dips.

Table XVIII shows the annual expenditure on the Department since the year 1902.

F. G. Figg,
Director.

Hongkong Observatory,
9th February, 1912.

Table I.

Errors of the Time Ball in 1911.

— means too late. + means too early.

Date.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1	...	0.1	0.1	0.1	+0.4	−0.3	−0.2	−0.3	−0.2	...	0.1	+0.8
2	...	0.1	0.1	...	+0.4	0.1	...	+0.2	0.1	+0.4	0.1	...
3	0.1	0.1	0.1	0.1	+0.5	...	...	+0.3	...	+0.2	0.1	...
4	0.1	−0.2	+0.3	0.1	+0.5	...	...	...	0.1	0.1	0.1	...
5	0.1	...	...	0.1	0.1	...	0.1	...	0.1	−0.2	...	0.1
6	0.1	−0.2	0.1	0.1	0.1	0.1	0.1	...	0.1	−0.4	0.1	+0.2
7	+0.2	−0.2	0.1	0.1	...	−0.3	−0.2	+0.2	0.1	−0.3	0.1	+0.5
8	...	0.1	0.1	0.1	+0.2	0.1	0.1	+0.2	0.1	...	0.1	0.1
9	0.1	0.1	+0.2	...	0.1	0.1	...	0.1	−0.2	0.1	0.1	0.1
10	−0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	...	0.1	−0.2	...
11	0.1	0.1	+0.2	+0.2	0.1	...	−0.2	−0.2	−0.4	−0.2	0.1	0.1
12	0.1	...	...	0.1	0.1	0.1	−0.3	0.1	−0.2	0.1	...	0.1
13	+0.2	0.1	0.1	0.1	0.1	0.1	−0.4	...	0.1	0.1	0.1	0.1
14	+0.3	0.1	0.1	...	...	0.1	−0.5	0.1	−0.2	0.1	0.1	0.1
15	...	+0.2	0.1	...	0.1	+0.2	0.1	0.1	−0.3	...	0.1	0.1
16	0.1	0.1	+0.2	...	0.1	0.1	...	0.1	−0.2	+0.2	−0.2	−0.2
17	+0.5	0.1	+0.3	...	−0.2	0.1	+0.2	0.1	...	0.1	+0.2	...
18	0.1	0.1	+0.4	+0.2	−0.4	...	+0.3	0.1	0.1	−0.4	0.1	−0.2
19	−0.2	...	...	+0.2	−0.7	0.1	−0.2	+0.5	+0.2	−0.3	...	0.1
20	−0.4	−0.3	0.1	+0.3	−1.0	+0.2	0.1	...	+0.4	−0.3	−0.4	0.1
21	−0.6	−0.2	0.1	0.1	...	+0.5	0.1	0.1	0.1	0.1	−0.2	0.1
22	...	0.1	0.1	−0.3	0.1	...	0.1	0.1	0.1	...	0.1	0.1
23	+0.2	0.1	−0.2	...	0.1	...	...	0.1	0.1	+0.3	0.1	0.1
24	0.1	0.1	−0.5	−0.4	...	...	0.1	0.1	...	0.1	−0.3	...
25	+0.2	0.1	+0.2	0.1	0.1	...	0.1	0.1	0.1	−0.2	−0.4	...
26	+0.3	...	...	0.1	−0.7	0.1	0.1	0.1	+0.5	0.1	...	...
27	0.1	0.1	0.1	0.1	0.1	0.1	...	...	0.1	−0.3	−0.3	0.1
28	+0.4	0.1	0.1	+0.3	...	0.1	0.1	0.1	0.1	0.1	−0.3	0.1
29	...	...	0.1	+0.5	0.1	0.1	0.1	0.1	0.1	...	−0.3	+0.2
30	...	...	0.1	...	−0.2	−0.4	...	0.1	+0.2	0.1	−0.3	+0.3
31	...	...	0.1	...	−0.2	...	+0.2	0.1	...	+02	...	...

Table II.

Monthly and Annual Means of the Principal Meteorological Elements at the Hongkong Observatory for the year 1911, 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. *	30.108	30.202	30.017	29.957	29.849	29 778	29.680	29.631	29.784	30.035	30.108	30.153	29.942
Departure	— .042	+ .057	— .041	.000	— .014	+ .016	—.049	—.112	— .053	+ .050	+ .001	— .018	— .018
Temperature	58.9	60.2	65.5	69.7	75.5	82.9	82.0	81.9	81.1	74.3	69.1	64.3	72.1
Departure	— 1.2	+ 2.2	+ 2.8	— 0.4	— 1.3	+ 2.2	+ 0.2	+ 0.6	+ 0.7	— 2.0	— 0.1	+ 1.6	+ 0.4
Rel. Humidity °/₀	74	71	83	82	90	82	81	82	78	74	76	77	79
Departure	0	— 5	0	— 3	+ 7	— 1	— 1	— 1	+	+ 3	+ 11	+ 11	+ 2
Vap. Tension (Inches of Mercury)	0.378	0.376	0.528	0.604	0.800	0.921	0.883	0.893	0.829	0.632	0.546	0.474	0.655
Departure	— .017	— .003	+ .045	— .033	+ .027	+ .054	— .010	+ .009	+ .027	— .020	+ .068	+ .085	+ .019
Sunshine (Total hours)	139.2	189.9	106.4	138.8	86.1	248.5	249.9	190.5	211.0	214.1	155.1	133 9	2063.4
Departure	— 3.6	+102.1	+ 24.0	+ 34.5	— 67.7	+ 92 3	+ 38.1	— 11.1	— 14.4	+ 1.8	— 34.5	— 45.3	+ 155.0
Cloudiness °/₀	66	50	81	76	89	70	70	69	57	51	68	66	68
Departure	+ 2	— 26	— 2	— 5	+ 15	— 6	+ 2	+ 5	0	— 0	+ 17	+ 15	+ 2
Rainfall (Total Inches)	0.735	0.000	3.810	5.935	22.145	5.090	8.060	30.060	6.215	5.685	2.720	0.095	90.550
Departure	—0.723	—1.750	+0.947	—0.053	+9.850	—11.293	—4.710	+ 15.859	—3.422	+1.123	+1.268	—1.090	+6.112
Wind Direction	E 12° N	E 8° N	E 2° N	E 4° N	E	S 27° E	E 44° S	S 38° E	E13° N	E 12° N	E 13° N	E 17° N	E 6° S
Departure — N + S	+ 2°	+ 6°	+ 5°	— 3°	— 13°	+ 10°	— 12°	+ 3°	— 2°	+ 7°	+ 16°	+ 8°	+ 2°
Wind Velocity (Miles per hour)	13.7	14.0	14.8	13.3	14.2	11.6	13.7	11.9	11.4	13.2	13.2	10.5	13.0
Departure	— 0.1	— 0.5	— 1.1	— 1.6	+ 1.2	— 0.8	+2.8	+ 2.2	— 0.5	— 1.4	+ 0.1	— 1.9	— 0.1

* Not corrected to Standard Gravity.

Table III.

Mean Values and Hourly Excess above the mean of Meteorological Elements in 1911.

	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,	+.005	—.006	—.014	—.017	—.013	.000	+.014	+.028	+.040	+.042	+.034	+.016	—.005	—.026	—.039	—.044	—.040	—.030	—.016	—.000	+.013	+.021	+.021	+.015	29.828
Temperature,	— 1.4	— 1.6	— 1.8	— 2.0	— 2.1	— 2.1	— 1.6	— 0.5	+ 0.6	+ 1.4	+ 2.2	+ 2.7	+ 2.8	+ 2.7	+ 2.4	+ 1.7	+ 1.1	+ 0.2	— 0.3	— 0.5	— 0.7	— 0.8	— 1.0	— 1.2	72.1
Diurnal Range,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7.7
Humidity,	+ 5	+ 5	+ 5	+ 5	+ 5	+ 5	+ 3	+ 1	— 2	— 5	— 7	— 7	— 7	— 7	— 6	— 5	— 3	— 1	+ 1	+ 2	+ 3	+ 4	+ 4	+ 5	79
Vapour Tension,	+.008	+.005	+.002	—.001	—.004	—.006	—.004	.000	—.005	—.007	—.009	—.004	—.004	—.005	—.005	—.007	—.005	.000	+.001	+.005	+.008	+.011	+.013	+.012	0.655
Sunshine (Total),	...	...	...	...	...	5.4	83.2	157.9	191.2	207.5	215.7	215.8	213.9	214.0	209.6	193.2	131.2	24.8	...	...	...	...	...	...	2063.4
Rainfall (Total),	2.675	5.770	4.900	4.125	4.370	4.300	5.045	5.385	6.440	4.745	5.070	5.670	3.530	2.370	2.310	2.910	2.395	2.205	2.360	2.460	1.990	2.925	3.945	2.655	90.550
Hours of Rain (Total),	45	44	50	52	47	51	53	51	42	48	39	47	40	38	35	33	31	40	31	26	28	33	36	33	973
Intensity of Rain,	0.059	0.131	0.098	0.079	0.093	0.084	0.095	0.106	0.153	0.099	0.130	0.121	0.088	0.062	0.066	0.088	0.077	0.055	0.076	0.095	0.071	0.089	0.110	0.080	0.093
Wind—Velocity,	— 0.7	— 0.5	— 0.6	— 0.9	— 1.2	— 1.3	— 1.0	— 0.2	+ 0.3	+ 2.0	+ 1.6	+ 1.8	+ 1.9	+ 2.0	+ 2.0	+ 1.6	+ 0.8	0.0	— 1.0	— 1.4	— 1.5	— 1.7	— 1.2	— 0.8	13.0
Wind—Direction,	— 4°	— 3°	— 4°	— 4°	— 4°	— 4°	— 4°	— 6°	— 4°	— 2°	+ 1°	+ 3°	+ 7°	+ 8°	+ 9°	+ 6°	+ 4°	+ 3°	— 1°	— 2°	— 3°	— 3°	— 3°	— 2°	E 6° S
Cloudiness,	— 1	...	...	+ 2	...	...	+ 8	...	...	+ 2	...	...	0	...	...	— 2	...	...	— 6	...	...	— 5	...	...	68
Solar Radiation,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	118.3
Excess of do.,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	41.9

Table IV.

Number of Hours during a portion of which it rained for each month of the year 1911.

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,	0	0	0	2	3	3	1	2	3	2	1	1	1	1	1	0	0	0	1	1	0	1	2	1	27
February,	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
March,	3	3	3	2	4	4	4	5	3	6	3	3	2	3	3	5	4	5	5	3	3	3	2	3	84
April,	2	5	4	5	4	5	3	2	3	3	2	2	1	2	4	0	1	3	2	1	2	3	3	2	64
May,	15	15	12	10	12	11	13	14	15	17	11	14	14	10	7	8	10	10	7	6	6	7	10	9	263
June,	3	3	6	6	6	8	7	5	1	2	3	4	5	3	3	3	1	4	1	2	4	3	3	2	88
July,	6	1	2	7	5	4	6	6	3	3	4	5	4	4	4	5	4	6	6	3	2	3	2	4	99
August,	6	6	8	5	6	8	9	9	7	9	7	8	7	7	5	5	3	5	2	3	4	4	4	4	141
September,	2	1	3	3	2	2	2	2	2	3	3	3	3	3	2	4	4	2	3	3	3	2	1	3	61
October,	4	5	7	7	1	2	3	2	2	1	1	3	1	1	2	1	1	0	0	0	1	2	1	3	51
November,	3	4	3	4	3	4	5	4	3	2	4	4	2	4	4	2	3	4	3	4	3	4	5	2	83
December,	1	1	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	3	0	12
Total,	45	44	50	52	47	51	53	51	42	48	39	47	40	38	35	33	31	40	31	26	28	33	36	33	973

Table V.

Number of Days with Wind from eight different points of the Compass during each Month of the year 1911.

Month.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
January,	4	6	19	...	...	...	...	2
February,	4	2	19	1	...	...	1	1
March,	1	4	19	2	2	...	1	2
April,	1	1	24	1	...	1	...	2
May,	...	...	21	2	1	3	3	1
June,	...	...	8	6	7	9	...	...
July,	...	...	9	6	5	6	4	1
August,	...	1	5	4	7	3	10	1
September,	3	1	15	2	...	5	2	2
October,	2	5	20	1	...	...	2	1
November,	5	2	22	...	...	...	...	1
December,	7	4	16	...	...	...	1	3
Sums,	27	26	197	25	22	27	24	17

Table VI.

Total Number of Days on which different Meteorological Phenomena were noted and Total Number of Thunderstorms during each month of the year 1911.

Month.	Fog.	Electric Phenomena.	Lightning.	Thunder.	Thunder-storms.	Unusual Visibility.	Dew.	Rainbow.	Lunar Halo.	Lunar Corona.	Solar Halo.	Solar Corona.
January,	6	...	...	...	...	1	...	...	...	...	...	...
February,	4	...	...	...	...	...	...	...	...	...	...	...
March,	12	3	2	3	5	1	1	...	...	...	...	...
April,	4	7	5	6	4	...	5	1	...	...	...	1
May,	5	14	12	13	15	...	2	2	...	...	...	1
June,	...	11	10	5	2	...	5	8	2	1	7	...
July,	...	11	11	5	8	...	9	7	...	2	4	...
August,	1	19	18	12	18	...	9	3	2	1	3	...
September,	2	15	14	5	8	...	11	2	...	1	5	...
October,	1	...	...	...	...	...	4	1	...	1	...	...
November,	...	...	...	...	...	...	2	...	...	...	...	...
December,	2	...	...	...	...	...	1	...	...	2	...	...
Sums,	37	80	72	49	60	2	49	24	4	8	19	2

Table VII.

Total Number of Times that Clouds of different forms were observed in each month of the year 1911.

Month.	c-str.	c-cum.	sm-cum.	cum.	cum-str.	str.	r-cum.	cum-nim.	nim.
January,	1	2	46	131	...	18	...	15	8
February,	8	2	62	123	...	4	...	4	1
March,	1	...	31	154	...	5	...	20	42
April,	13	3	45	147	...	4	...	26	26
May,	17	3	26	122	...	...	...	18	102
June,	88	4	5	215	...	...	...	4	24
July,	76	6	16	186	...	...	...	12	26
August,	71	3	18	152	...	...	...	14	35
September,	45	3	39	168	1	2	...	6	24
October,	8	15	51	164	...	1	...	5	19
November,	3	2	31	149	...	1	..	16	33
December,	23	10	49	151	...	6	...	15	8
Sums,	354	53	419	1,862	1	41	...	155	348

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.	1911.		Lower.	Upper.	2,000 ft.	1,000 ft.
January, ...	0.108	2.06	4.19	1.458	0.735	0.061	E 9° S	W 8° S	6	4
February, ...	0.109	1.94	4.16	1.750	...	...	E 12° S	W 17° S	3	1
March, ...	0.100	2.83	5.77	2.868	3.810	0.038	E 42° S	W 27° S	18	10
April,.....	0.094	2.10	6.53	5.882	5.935	0.114	E 22° S	W 11° S	11	4
May, ...	0.082	1.97	8.56	12.295	22.145	0.094	S 40° E	W 22° S	24	11
June, ...	0.078	0.90	9.72	16.383	5.090	0.176	S 4° E	S 22° W	2	1
July, ...	0.067	1.07	9.35	12.770	8.060	0.175	S 10° E	E 14° N	6	1
August,.....	0.070	1.08	9.45	14.201	30.060	0.323	S 7° W	E 27° N	5	2
September, ...	0.076	1.15	8.79	9.637	6.215	0.183	E 2° N	W 25° S	2	0
October, ...	0.081	1.56	6.78	4.562	5.685	0.154	E 6° N	W 4° S	3	0
November,.....	0.091	1.46	5.93	1.452	2.720	0.030	E 3° S	W 17° N	7	2
December, ...	0.111	2.22	5.18	1.185	0.095	0.003	E 4° S	W 22° S	5	3
Mean or Total,....	0.089	1.69	7.03	84.438	90.550	0.119	E 33° S	...	92	39

Table IX.

Monthly Extremes of the Principal Meteorological Elements registered during the year 1911.

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, ...	30.184	29.605	74.4	47.5	40	0.641	0.172	0.620	0.180	35	117.8
February, ..	30.352	29.602	74.2	47.1	37	0.712	0.198	...	...	42	125.0
March,.....	30.148	29.678	79.1	54.2	21	0.779	0.169	1.040	0.535	40	125.5
April, ...	30.045	29.619	86.9	61.3	47	0.882	0.354	2.160	0.650	41	139.1
May, ...	29.914	29.527	86.9	68.1	60	0.966	0.609	2.735	1.235	39	139.5
June, ...	29.881	29.357	91.3	75.0	60	1.018	0.807	1.520	0.435	35	142.0
July, ...	29.786	29.124	91.2	75.0	54	1.037	0.657	1.590	0.830	60	143.8
August,....	29.755	29.209	93.1	74.3	53	1.027	0.741	8.610	2.350	62	141.6
September,	29.879	29.376	92.1	75.0	45	1.001	0.635	2.640	1.350	44	143.9
October, ...	30.115	29.251	85.5	61.6	39	0.935	0.262	3.340	0.600	36	139.6
November, .	30.134	29.819	80.5	55.7	42	0.792	0.261	0.780	0.185	34	130.3
December, .	30.233	29.844	75.1	53.0	48	0.695	0.278	0.025	0.015	36	127.2
Year, ...	30.352	29.124	93.1	47.1	21	1.037	0.169	8.610	2.350	62	143.9

Table X.

Five-Day Means of the Principal Meteorological Elements observed at Hongkong in 1911.

Five-Day Periods.	Barometer.	Temperature.	Humidity.	Vapour Tension.	Wind Velocity.	Nebulosity.	Sunshine.	Rain.
Jan. 1– 5	30.055	61.4	70	0.386	11.5	0.7	9.2	.....
„ 6–10	.029	61.9	76	.426	19.0	4.8	6.7	.....
„ 11–15	.085	55.8	66	.298	11.9	9.1	2.3	0.004
„ 16–20	.080	52.7	67	.271	8.0	9.7	0.3	0.007
„ 21–25	.020	57.4	70	.330	11.7	5.4	5.9	0.003
„ 26–30	29.740	63.0	89	.516	19.9	8.8	3.1	0.126
„ 31– 4	.869	61.8	78	.447	10.2	6.8	5.6	0.007
Feb. 5– 9	30.076	60.1	72	.374	18.4	3.7	8.2	.....
„ 10–14	.104	63.8	77	.456	17.8	4.4	6.8	.....
„ 15–19	.019	60.6	73	.392	17.9	7.2	5.5	.....
„ 20–24	.184	58.1	64	.313	11.7	4.2	7.0	.....
„ 25– 1	.052	59.1	60	.302	7.2	3.5	7.4	.....
Mar. 2– 6	29.862	65.9	78	.509	11.9	5.1	6.5	.....
„ 7–11	.821	66.1	92	.592	18.5	9.2	2.0	0.255
„ 12–16	.794	70.9	89	.676	12.0	9.6	2.8	0.004
„ 17–21	.876	61.7	83	.458	19.9	8.8	2.0	0.331
„ 22–26	30.023	61.6	83	.458	8.7	9.6	0.5	0.165
„ 27–31	.005	66.8	79	.523	19.1	7.6	5.5	0.007
Apr. 1– 5	29.927	66.6	81	.531	17.9	7.5	6.0	0.006
„ 6–10	.795	70.3	88	.652	11.5	9.0	3.8	0.248
„ 11–15	.824	67.9	81	.555	17.9	8.1	4.2	0.530
„ 16–20	.928	66.9	71	.475	9.5	9.1	1.8	0.021
„ 21–25	.825	74.5	83	.706	6.7	3.5	9.6	0.006
„ 26–30	.757	72.2	89	.704	16.4	8.6	2.3	0.376
May 1– 5	.839	74.3	91	.768	15.6	7.7	4.3	0.641
„ 6–10	.775	74.0	91	.770	19.7	9.4	1.4	0.484
„ 11–15	.748	76.5	91	.829	10.8	9.4	2.4	0.827
„ 16–20	.730	72.7	91	.737	19.5	9.9	0.9	0.798
„ 21–25	.673	76.6	91	.836	7.3	8.8	3.4	0.607
„ 26–30	.641	79.2	86	.857	10.9	7.7	4.7	0.838
„ 31– 4	.762	79.2	88	.875	11.0	7.1	5.9	0.284
June 5– 9	.792	82.0	83	.912	17.1	6.3	9.3	0.098
„ 10–14	.766	83.2	80	.907	7.7	6.2	10.5	0.135
„ 15–19	.550	84.8	79	.945	7.4	6.4	9.3	0.090
„ 20–24	.583	82.6	83	.930	16.4	7.8	6.9	0.580
„ 25–29	.583	83.8	81	.936	13.4	8.7	6.3	0.064
„ 30– 4	.592	80.9	83	.878	19.9	6.9	5.8	0.591
July 5– 9	.724	81.1	82	.872	11.6	8.0	8.3	0.082
„ 10–14	.655	82.6	79	.876	9.8	7.8	9.5	0.042
„ 15–19	.420	83.8	79	.913	12.4	7.8	7.6	0.269
„ 20–24	.505	81.1	82	.866	17.6	6.9	7.9	0.318
„ 25–29	.508	82.3	81	.894	12.9	6.2	7.9	0.311
„ 30– 3	.555	83.3	77	.886	12.2	4.7	9.6	0.067
Aug. 4– 8	.426	79.6	88	.890	29.1	9.6	3.0	3.408
„ 9–13	.464	82.7	83	.930	4.0	7.1	6.5	0.031
„ 14–18	.523	79.7	89	.905	8.1	9.7	0.7	1.928
„ 19–23	.635	80.9	86	.906	8.9	6.9	5.8	0.566
„ 24–28	.551	84.5	75	.885	8.7	3.9	10.9	.....
„ 29– 2	.506	84.6	70	.831	10.4	5.1	8.2	0.012
Sept. 3– 7	.572	80.2	84	.862	9.2	8.6	5.0	0.929
„ 8–12	.793	78.8	87	.856	7.3	4.7	7.5	0.014
„ 13–17	.732	81.6	78	.845	6.4	3.9	10.0	.....
„ 18–22	.689	81.0	78	.820	20.8	5.8	6.2	0.235
„ 23–27	.780	80.9	77	.819	12.0	3.5	9.3	0.001
„ 28– 2	.462	81.4	71	.753	15.8	8.5	2.4	0.775
Oct. 3– 7	.845	78.2	72	.702	13.4	6.3	7.4	0.086
„ 8–12	.954	75.7	76	.674	15.7	5.9	6.6	0.299
„ 13–17	.992	68.6	65	.453	8.6	4.9	6.2	0.010
„ 18–22	30.042	72.7	67	.540	13.5	1.8	9.8	.....
„ 23–27	29.928	74.4	84	.713	10.3	5.3	6.3	0.031
„ 28– 1	.979	74.1	79	.670	13.1	5.3	6.5	0.156
Nov. 2– 6	.995	71.6	73	.566	15.3	7.3	5.7	0.003
„ 7–11	30.048	68.4	68	.472	11.5	1.9	9.2	.....
„ 12–16	29.969	72.7	84	.672	18.1	8.1	4.1	0.097
„ 17–21	30.013	71.1	72	.549	10.6	6.9	7.1	0.002
„ 22–26	29.947	65.0	72	.445	8.9	6.7	4.9	0.139
„ 27– 1	.984	64.9	89	.548	15.8	8.8	1.7	0.147
Dec. 2– 6	.929	69.5	86	.619	13.3	6.8	4.3	.....
„ 7–11	.987	64.0	72	.435	8.6	4.9	7.1	0.001
„ 12–16	30.096	62.3	64	.364	6.8	5.6	5.1	.....
„ 17–21	.050	65.7	83	.527	17.0	8.8	1.8	0.007
„ 22–26	.085	62.1	85	.474	9.6	8.4	0.9	0.006
„ 27–31	.083	60.8	73	.392	7.0	5.7	5.8	0.005

Table XI.

Daily Maximun Velocity of the Wind in a gust, recorded by the Pressure Tube Anemograph.

	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
	m. p. h.	*m. p. h.*	*m. p. h.*	*m. p. h.*	*m. p. h.*	*m. p. h.*	*m. p. h.*	*m. p. h.*	*m. p. h.*	*m. p. h.*	*m. p. h.*	*m. p. h.*
1.....	30.4	29.8	22.4	37.4	27.9	27.3	18.0	14.3	22.5	52.8	22.0	28.0
2.....	26.9	16.0	23.3	29.6	33.0	15.0	26.9	31.0	25.0	46.0	39.9	17.2
3.....	27.7	21.2	29.4	26.9	32.0	17.0	60.8	53.2	41.2	33.5	31.5	18.4
4.....	20.6	24.0	28.3	28.5	18.0	31.0	73.2	68.0	34.6	21.6	24.9	22.8
5.....	36.5	22.0	27.4	21.0	18.8	27.3	46.0	79.4	19.3	29.1	19.9	24.7
6.....	39.8	33.7	12.2	23.7	23.3	28.4	25.0	66.0	16.2	31.8	24.5	26.3
7.....	25.4	37.8	40.3	27.1	29.9	28.0	14.6	34.3	17.0	25.3	23.4	29.0
8.....	30.1	44.5	25.9	20.5	34.5	23.9	14.4	21.4	20.8	21.4	21.7	20.5
9.....	32.7	48.7	22.7	18.6	31.7	25.5	17.0	18.8	20.2	34.0	18.4	22.6
10.....	18.3	46.6	17.0	16.9	26.5	19.0	20.4	10.9	17.0	38.0	29.0	16.6
11.....	26.0	34.2	42.0	31.4	29.8	17.6	26.7	14.5	18.5	34.0	31.0	17.0
12.....	33.5	42.3	35.2	44.8	23.9	19.8	18.9	13.0	14.2	17.6	23.7	18.2
13.....	35.0	23.5	21.3	36.0	22.1	14.0	21.1	15.0	16.9	21.2	37.5	16.2
14.....	21.0	20.7	18.0	24.3	27.1	29.0	18.0	37.3	17.1	18.8	32.1	26.9
15.....	19.1	34.0	35.0	29.8	44.7	20.0	17.3	18.5	14.8	21.0	30.0	18·7
16.....	24.7	43.3	21.8	28.6	43.6	13.0	23.4	35.2	14.5	20.7	22.4	13.7
17.....	13.2	43.7	21.4	23.3	26.7	26.1	35.7	34.5	26.2	20.5	16.7	25.1
18.....	17.7	35.0	20.9	26.7	35.8	21.0	29.6	34.9	60.0	24.0	16.4	32.3
19.....	22.8	35.9	48.2	17.5	31.7	25.9	26.4	19.8	60.5	28.2	17.0	14.3
20.....	22.1	37.0	48.0	17.0	23.0	46.5	41.9	28.0	48.0	24.0	31.6	42.2
21.....	17.3	24.4	35.2	16.5	15.3	42.6	42.6	14.0	14.5	28.9	29.5	33.5
22.....	23.3	28.3	27.3	15.8	23.0	37.4	39.0	18.8	37.9	16.0	23.1	22.9
23.....	28.3	24.7	17.2	19.1	19.3	21.0	31.8	23.2	33.5	19.6	22.7	23.7
24.....	22.5	25.0	18.2	13.5	24.4	28.1	11.0	17.5	28.4	25.3	15.0	22.3
25.....	36.2	16.4	16.7	13.1	21.7	22.7	16.0	16.0	21.0	19.5	14.3	26.6
26.....	32.7	15.4	35.2	42.6	26.1	38.4	14.5	20.5	16.7	14.8	25.3	23.0
27.....	24.2	16.4	26.7	47.8	18.9	31.2	73.8	23.1	13.0	8.4	38.8	24.6
28.....	34.5	15.7	40.0	29.0	37.5	27.0	41.8	19.0	22.6	18.9	7.5	18.6
29.....	39.9	...	27.3	25.3	39.6	18.0	11.9	20.5	34.0	29.6	33.7	17.5
30.....	28.3	...	34.9	18.7	35.1	13.9	13.7	17.4	33.3	24.0	37.0	20.3
31.....	23.0	...	37.7	...	36.1	...	14.4	19.7	...	18.9	...	18.8
Monthly Maximun.	39.9	48.7	48.2	47.8	44.7	46.5	73.8	79.4	60.5	52.8	39.9	42.2

Table XII.

Factor to reduce Actual Run of Robinson Anemograph Cups to Velocities as recorded by the Dines Pressure Tube Anemograph, at different Directions (Point 8=E, 16=S., etc.) and Velocities (Robinson) 1910 May to December.

Velocity (Robinson).	m. m. 6—10		m. m. 11—15		m. m. 16—20		m. m. 21—25		m. m. 26—30		m. m. 31—35		m. m. 36—40		m. m. 41—45		m. m. 46—50		Mean factor irrespective of Velocity.	Total number of hours.
Point.	Factor	No. of hours.	Factor.	No. of hours.	Factor.	No of hours.	Factor.	No. of hours.	Factor.	No. of hours.	Factor.	No. of hours.	Factor.	No. of hours.	Factor.	No. of hours.	Factor.	No. of hours.		
1	2.15	81	2.22	63	2.22	45	2.22	12	2.20	2	2.23	1	...	...	...	...	...	...	2.20	204
2	2.06	76	2.15	33	2.25	9	2.28	5	...	...	...	...	...	...	...	...	...	...	2.13	123
3	2.06	26	2.06	6	2.27	1	2.14	1	...	...	...	...	...	...	...	...	...	...	2.08	34
4	2.13	25	2.24	15	2.18	7	...	...	2.21	2	...	...	...	...	...	...	...	...	2.18	49
5	2.13	29	2.18	35	2.16	10	2.04	2	...	...	...	...	...	...	...	...	...	...	2.16	76
6	2.25	53	2.26	63	2.33	40	2.32	35	2.24	4	2.23	5	2.20	1	...	...	...	...	2.29	201
7	2.19	71	2.36	103	2.36	183	2.34	157	2.36	84	2.36	20	2.27	3	...	...	...	...	2.35	621
8	2.31	95	2.33	187	2.35	193	2.35	95	2.34	23	2.29	4	...	...	...	...	...	...	2.35	597
9	2.32	101	2.27	165	2.31	107	2.21	36	2.22	14	2.34	1	...	...	...	...	...	...	2.28	424
10	2.19	85	2.26	79	2.28	83	2.24	33	2.19	8	2.26	3	...	...	...	...	...	...	2.25	291
11	2.19	49	2.30	23	2.27	17	2.30	5	...	...	...	...	...	...	...	...	2.25	1	2.25	95
12	2.12	18	2.14	11	...	...	2.47	1	...	...	...	...	...	...	2.20	1	...	...	2.16	31
13	2.20	24	2.25	4	2.21	1	2.43	1	2.42	1	...	...	...	...	...	...	...	...	2.24	31
14	2.21	16	2.22	5	2.15	4	2.29	1	2.27	1	...	...	2.25	1	...	...	...	...	2.22	28
15	2.08	35	2.09	11	2.21	6	2.22	1	2.11	4	2.11	3	2.36	2	...	...	...	...	2.13	62
16	2.11	79	2.07	41	2.03	5	2.22	1	2.16	2	2.07	4	2.20	1	...	...	...	...	2.10	133
17	2.09	95	2.01	65	2.01	5	2.20	2	...	...	...	...	...	...	...	...	...	...	2.05	167
18	2.07	92	2.13	84	2.02	21	2.16	6	2.08	4	1.97	1	...	...	...	...	...	...	2.09	208
19	2.18	80	2.18	84	2.19	46	2.15	31	2.12	10	...	...	...	...	...	...	...	...	2.17	251
20	2.14	46	2.25	64	2.24	35	2.27	9	2.00	1	...	...	...	...	...	...	...	...	2.23	155
21	2.35	29	2.27	33	2.40	7	...	...	...	...	...	...	...	...	...	...	...	...	2.31	69
22	2.21	28	2.24	29	2.43	3	2.21	3	2.18	1	...	...	...	...	...	...	...	...	2.24	64
23	2.12	43	2.19	10	...	...	2.29	1	...	..	...	...	...	...	...	...	...	...	2.15	54
24	2.13	47	2.26	5	...	...	2.19	1	...	...	...	...	...	..	...	..	...	...	2.15	53
25	2.09	45	...	...	2.45	1	...	...	...	...	...	...	...	..	...	...	...	...	2.11	46
26	1.98	33	2.29	2	...	...	2.06	1	...	...	...	...	...	...	...	...	...	...	2.01	36
27	1.97	19	2.11	3	2.07	3	...	...	...	...	...	...	...	...	...	...	...	...	2.02	25
28	1.96	20	2.05	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1.97	22
29	1.91	7	2.00	2	2.11	1	...	...	...	...	...	...	...	...	...	...	...	...	1.97	10
30	1.81	6	2.16	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1.90	7
31	1.92	12	2.05	7	2.01	10	2.14	1	...	...	...	...	...	...	...	...	...	...	2.01	30
32	2.12	103	2.18	61	2.24	26	2.18	18	2.11	10	2.24	1	...	...	...	...	...	...	2.17	219
Mean factor irrespective of Direction.	2.15	1568	2.23	1296	2.30	869	2.30	459	2.29	171	2.27	43	2.27	8	2.20	1	2.25	1	2.25	4416

The number of hours during which the wind Velocity from 1910 May to December was below 6 m. p. h. was 1,429, and the factor obtained at these Velocities was 1·75.
In the above table 9 hours record in May and 26 hours in June are not included, the pressure tube instrument being out of order.

Table XIII.

Factor to reduce Actual Run of Robinson Anemograph Cups to Velocities as recorded by the Dines Pressure Tube Anemograph, at different Directions (Point 8=E, 16=S., etc.) and Velocities (Robinson) 1911 January to December.

Velocity (Robinson).	6—10		11—15		16—20		21—25		26—30		31—35		36—40		41—45		46—50		51—65		Mean factor irrespective of Velocity.	Total number of hours.
Point.	Factor.	No. of hours.	Factor.	No. of hours.	Factor	No. of hours.	Factor	No. of hours.	Factor.	No. of hours.	Factor.	No. of hours.	Factor.	No. of hours.	Factor.	No. of hours	Factor.	No. of hours.	Factor	No. of hours.		
1	2.11	105	2.20	57	2.26	18	2.13	3	...	...	...	...	...	...	...	...	...	...	...	...	2.17	183
2	2.09	121	2.19	42	2.29	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2.14	172
3	2.06	33	1.99	12	2.25	1	2.05	1	...	...	...	...	...	...	...	...	...	...	...	...	2.04	47
4	1.99	29	2.31	22	2.11	11	2.18	1	2.31	1	2.14	1	...	...	...	...	...	...	2.22	1	2.17	66
5	2.16	35	2.16	43	2.31	19	2.11	3	2.39	2	2.15	4	2.35	1	2.16	1	...	...	2.22	1	2.22	109
6	2.24	65	2.34	81	2.34	63	2.36	45	2.33	33	2.29	7	2.26	16	2.29	12	2.31	2	...	...	2.32	327
7	2.22	99	2.40	242	2.39	344	2.38	326	2.36	210	2.37	85	2.34	34	2.34	8	2.27	2	2.26	2	2.37	1352
8	2.26	146	2.39	376	2.37	413	2.36	197	2.37	73	2.37	25	2.38	13	2.40	3	2.32	5	2.35	4	2.37	1255
9	2.28	161	2.30	268	2.30	207	2.27	98	2.28	14	2.40	3	2.46	1	...	...	...	...	2.35	3	2.29	755
10	2.21	133	2.30	162	2.28	154	2.25	46	2.28	9	2.03	1	...	...	...	...	2.13	2	2.23	6	2.27	518
11	2.30	61	2.35	64	2.30	26	2.28	10	2.48	1	2.25	3	...	...	...	...	2.38	4	2.33	2	2.32	171
12	2.14	28	2.34	14	2.28	6	2.34	4	2.22	2	2.24	2	2.39	2	2.32	2	2.23	1	2.31	3	2.28	64
13	2.17	16	2.21	6	2.34	9	2.29	7	2.34	5	2.23	4	2.43	1	2.26	2	2.53	2	2.35	2	2.31	54
14	1.97	16	2.27	9	2.21	6	2.25	3	2.10	3	...	...	2.29	1	2.25	2	2.23	4	...	...	2.18	44
15	1.99	45	2.12	21	2.07	16	2.15	13	2.20	7	2.07	3	2.11	1	2.32	1	2.23	1	...	...	2.10	108
16	1.86	83	2.01	32	2.02	22	2.09	12	2.14	6	2.23	2	2.24	2	...	...	...	...	...	...	2.00	159
17	1.81	67	2.04	29	2.06	15	2.09	2	2.31	1	...	...	...	...	...	...	...	...	...	...	1.95	114
18	1.91	63	2.02	30	2.11	9	2.21	6	...	...	...	...	...	...	...	...	...	...	...	...	2.00	113
19	2.05	64	2.13	49	2.19	44	2.20	31	2.13	8	...	...	...	...	...	...	...	...	...	...	2.15	196
20	2.09	30	2.21	40	2.24	30	2.22	10	2.25	5	...	...	...	...	...	...	...	...	...	...	2.20	115
21	2.23	18	2.37	14	2.32	13	2.24	4	2.25	3	...	...	...	...	...	...	...	...	...	...	2.29	52
22	2.16	30	2.39	29	2.32	5	2.45	1	...	...	...	...	...	...	...	...	...	...	...	...	2.31	65
23	2.26	60	2.32	35	2.37	4	2.24	3	2.33	1	...	...	...	...	...	...	...	...	...	...	2.29	103
24	2.18	92	2.26	23	2.44	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2.21	117
25	2.10	59	2.39	11	2.41	4	...	...	...	...	2.12	1	...	...	...	...	...	...	...	...	2.19	75
26	2.25	45	2.22	13	2.17	1	2.02	2	...	...	...	...	...	...	...	...	...	...	...	...	2.22	61
27	2.11	39	2.27	21	2.14	5	2.14	3	...	...	2.17	3	...	...	...	...	...	...	...	...	2.18	71
28	2.11	31	2.15	17	2.09	7	...	...	...	...	2.26	2	...	...	...	...	...	...	...	...	2.13	57
29	1.87	17	2.04	2	2.14	8	2.16	1	2.12	3	2.36	2	2.08	1	...	...	...	...	...	...	2.07	34
30	1.97	14	1.96	6	2.23	2	2.16	2	2.15	3	2.36	1	...	...	...	...	...	...	...	...	2.07	28
31	2.03	22	2.19	19	2.34	2	2.11	2	...	...	...	...	...	...	...	...	...	...	...	...	2.14	45
32	2.07	138	2.13	59	2.18	13	2.19	4	...	...	2.29	1	...	...	2.00	1	2.04	1	...	...	2.11	217
Mean factor irrespective of Direction.	2.13	1970	2.30	851	2.32	1488	2.33	840	2.34	390	2.33	150	2.32	73	2.30	32	2.29	24	2.29	24	2.29	6842

The number of hours during which the wind Velocity in the year 1911 was below 6 m. p. h. was 1,800, and the factor obtained at these Velocities was 1·80.
In the above table 103 hours record in August and 15 hours in October are not included, the pressure tube instrument being out of order.

Table XIV.

Squall Velocities which may be expected with different mean velocities and directions. (Dines Anemometer.)

Date of Typhoon.	July 3–4.		July 27.		August 2–7.		
Wind Direction. Mean Velocity.	N.E. to E.	E. by S. to S.E. by S.	E.S.E. to S. by E.	N.	N.E. by E. to E.	E. by S. to S.E. by S.	S.S.E. to S.
m. p. h.	*m. p. h.*	*m. p. h.*	*m. p. h.*	*m. p. h.*	*m. p. h.*	*m. p. h.*	*m. p. h.*
20	35	35	34	38	34	...	49
25	43	46	42	44	44	32	59
30	50	53	49	49	51	49	64
35	56	59	55	...	57	61	67
40	61	63	65	...	62	70	70
45	65	66	70	...	66	76	...
Mean Direction (Points)	6	11	12½	0	6½	11	15

The squall velocity (for the same mean velocity, and direction) in the two typhoons July 3–4 and August 2–7 is very different. In the former typhoon very little rain fell with the South-Easterly winds, while in the latter unusually heavy rain fell.

Table XV.

Observations of Magnetic Declination and Dip.

1911.	H.K.M.T.	Declination.	Observer.	H.K.M.T.	Dip North.	Needle No.	Observer.
January,	18d 3h 6m p.	0° 0′ 3″ W.	F.G.F.	16d 2h 35m p.	30° 58′ 22″	3	C.W.J.
					31 1 11	4	,,
February,	14 3 28 p.	0 1 25 E.	,,	15 2 52 p.	30 58 2	7	,,
					30 58 59	8	,,
March,	16 2 22 p.	0 3 17 W.	,,	14 3 8 p.	30 59 11	3	,,
					30 56 22	4	,,
April,	15 3 6 p.	0 2 54 W.	,,	18 2 27 p.	30 58 41	7	,,
					30 55 0	8	,,
May,	16 2 38 p.	0 3 55 W.	,,	15 3 5 p.	30 59 37	3	,,
					31 1 43	4	,,
June,	15 2 42 p.	0 2 57 W.	T.F.C.	14 3 17 p.	30 59 49	7	,,
					30 58 41	8	,,
July,	15 2 15 p.	0 4 23 W.	C.W.J.	14 3 28 p.	31 1 3	7	,,
					31 2 12	8	,,
August,	16 2 40 p.	0 3 0 W.	,,	15 2 48 p.	30 57 20	3	,,
					31 5 34	4	,,
September,	14 3 2 p.	0 4 1 W.	,,	18 2 59 p.	30 58 25	7	,,
					30 59 10	8	,,
October,	16 2 53 p.	0 2 48 W.	,,	17 3 11 p.	30 56 54	3	,,
					30 54 17	4	,,
November,	15 3 23 p.	0 1 31 W.	,,	14 3 5 p.	30 54 41	7	,,
					30 55 52	8	,,
December,	13 2 31 p.	0 1 52 W.	,,	13 2 40 p.	30 54 40	3	,,
					30 57 36	4	,,

Table XVI.

Observations of Horizontal Magnetic Force.

1911.	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,...	17d. 3h. 1m. p.	3s. .6616	18°.75	2.32276	566.41	17d. 2h. 19m. p.	30	17° 5	6° 30′ 10″.0	3.18351	0.37121	F.G.F.
							40		2 43 38 .7			
						3 58 p.	30		6 30 0 .0			
							40		2 43 38 .7			
February,	13 3 27 p.	3 .6631	20 .3	2.32266	566.25	13 2 49 p.	30	20 .0	6 29 31 .2	3.18336	0.37124	,,
							40		2 43 25 .6			
						4 9 p.	30		6 29 37 .5			
							40		2 43 24 .4			
March, ..	15 3 3 p.	3 .6674	25 .95	2.32263	566.13	15 2 28 p.	30	25 .5	6 28 15 .0	3.18321	0.37129	,,
							40		2 43 0 .0			
						3 45 p.	30		6 28 31 .2			
							40		2 43 5 .6			
April, ...	13 2 53 p.	3 .6645	22 .1	2.32266	566.25	13 2 21 p.	30	21 .4	6 29 17 .5	3.18332	0.37125	,,
							40		2 43 20 .0			
						3 54 p.	30		6 29 15 .0			
							40		2 43 19 .4			
May, ...	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	,,
							40		2 43 21 .2			
						4 3 p.	30		6 28 47 .5			
							40		2 43 10 .6			
June, ...	16 3 1 p.	3 .6709	31 .1	2.32272	565.44	16 2 30 p.	30	31 .1	6 25 35 .0	3.18207	0.37181	T.F.C.
							40		2 42 16 .5			
						3 45 p.	30		6 26 46 .0			
							40		2 42 17 .5			
July, ...	13 2 39 p.	3 .6694	32 .85	2.32344	566.25	13 2 2 p.	30	31 .0	6 26 58 .7	3.18259	0.37190	C.W.J.
							40		2 42 25 .6			
						3 24 p.	30		6 26 51 .2			
							40		2 42 20 .6			
August, ...	14 3 4 p.	3 .6698	29 .15	2.32265	565.93	14 2 19 p.	30	28 .9	6 27 36 .2	3.18288	0.37143	,,
							40		2 42 47 .5			
						3 55 p.	30		6 27 27 .5			
							40		2 42 32 .5			
September,	15 2 57 p.	3 .6685	31 .05	2.32330	566.03	15 2 18 p.	30	31 .5	6 26 46 .2	3.18238	0.37193	,,
							40		2 42 23 .7			
						3 41 p.	30		6 26 27 .5			
							40		2 42 9 .5			
October, ...	18 2 42 p.	3 .6674	25 .15	2 32247	565.72	18 2 8 p.	30	24 .9	6 27 38 .7	3.18273	0.37142	,,
							40		2 42 43 .1			
						3 28 p.	30		6 28 31 .2			
							40		2 43 3 .1			
November,	16 2 44 p.	3 .6678	27 .85	2.32286	565.98	16 2 7 p.	30	27 .0	6 27 36 .2	3.18275	0.37159	,,
							40		2 42 53 .1			
						3 24 p.	30		6 27 33 .8			
							40		2 42 45 .0			
December,	15 2 37 p.	3 .6626	20 .25	2.32273	565.76	15 2 2 p.	30	19 .7	6 28 57 .5	3.18254	0.37162	,,
							40		2 43 12 .5			
						3 24 p.	30		6 28 55 .0			
							40		2 43 0 .6			

Table XVII.

Results of Magnetic Observations made in 1911.

Month.	Declination.	Dip North.	Magnetic Force.		
			X.	Y.	Total.
January, ...	0° 0′ 3″ W	30° 59′ 47″	0.37121	0.22301	0.43305
February, ...	0 1 25 E	30 58 31	0.37124	0.22284	0.43298
March, ...	0 3 17 W	30 57 46	0.37129	0.22276	0.43299
April, ...	0 2 54 W	30 56 50	0.37125	0.22261	0.43287
May, ...	0 3 55 W	31 0 40	0.37077	0.22288	0.43261
June, ...	0 2 57 W	30 59 15	0.37181	0.22330	0.43371
July, ...	0 4 23 W	31 1 37	0.37190	0.22370	0.43400
August, ...	0 3 0 W	31 1 27	0.37143	0.22339	0.43343
September, ...	0 4 1 W	30 58 48	0.37193	0.22330	0.43381
October, ...	0 2 48 W	30 55 36	0.37142	0.22253	0.43298
November, ...	0 1 31 W	30 55 17	0.37159	0.22258	0.43315
December, ...	0 1 52 W	30 56 8	0.37162	0.22273	0.43325
Mean,.....	0 2 26 W	30 58 29	0.37145	0.22297	0.43324

Table XVIII.

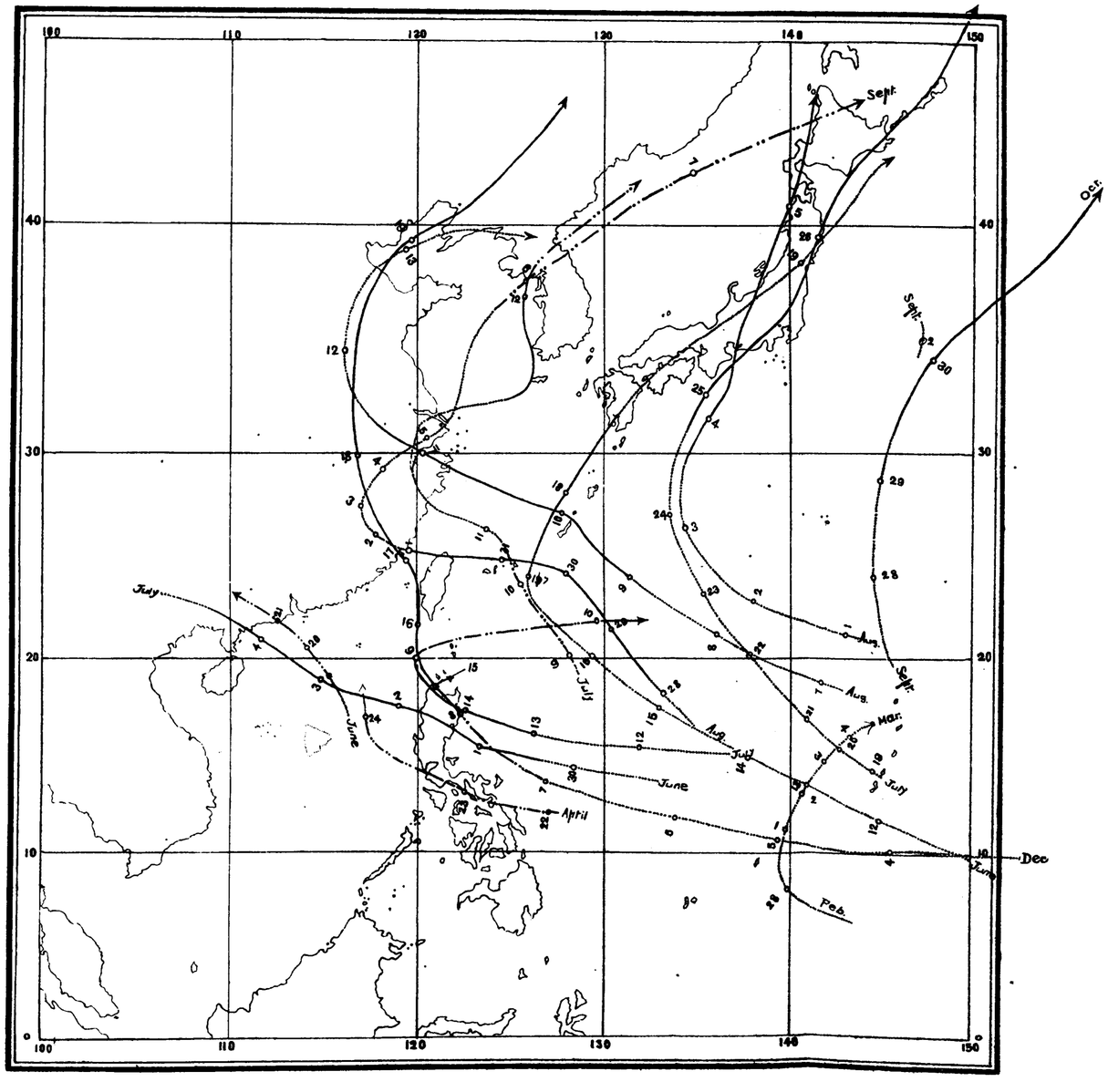
Statement of Annual Expenditure on the Observatory Department.

Year.	Total Expenditure.	Increase.	Decrease.
	$ c.	$ c.	$ c.
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	.....
1910	21,787.55	.....	601.08
1911	23,353.02	1,565.47	.....

HONGKONG OBSERVATORY.

PLATE I:- TRACKS of TYPHOONS and DEPRESSIONS in the FAR EAST during the YEAR 1911.

The circles indicate the position of the centre at noon on each day.

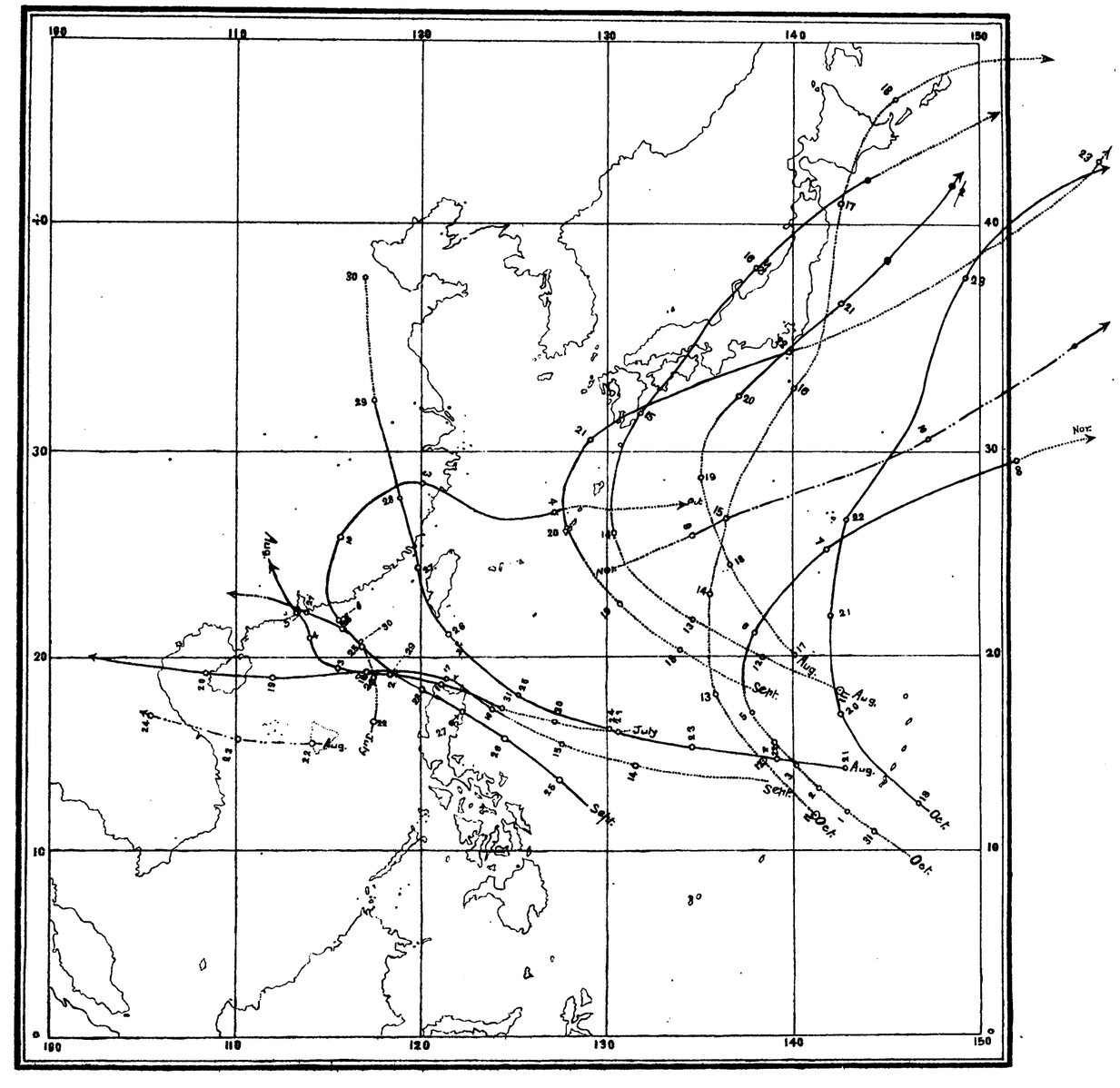


Typhoons ———
Less intense depressions ———
Where dotted the Tracks are approximate or doubtful.

HONGKONG OBSERVATORY.

PLATE II:- TRACKS of TYPHOONS and DEPRESSIONS in the FAR EAST during the YEAR 1911-continued.

The circles indicate the position of the centre at noon on each day.



Typhoons ———
Less intense depressions ———
Where dotted the Tracks are approximate or doubtful.

TABLE I.

BAROMETRIC PRESSURE, FOR THE MONTH OF JANUARY, 1911.

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.
Jan. 1,...	30.025	30.027	30.026	30.030	30.027	30.032	30.064	30.064	30.091	30.087	30.058	30.023	30.000	29.992	29.996	30.012	30.022	30.030	30.045	30.065	30.084	30.093	30.091	30.094	30.045
" 2,...	.099	.090	.080	.084	.087	.095	.125	.140	.157	.155	.139	.117	.090	30.068	30.061	.069	.081	.096	.109	.107	.104	.105	.103	.107	.103
" 3,...	.107	.097	.090	.085	.093	.096	.117	.133	.145	.140	.112	.083	.044	.026	.016	.025	.037	.053	.055	.060	.059	.057	.053	.050	.077
" 4,...	.049	.044	.035	.034	.037	.045	.062	.077	.084	.090	.062	.021	29.988	29.977	29.965	29.965	29.976	29.997	.012	.021	.021	.020	.006	29.995	.024
" 5,...	29.999	.000	29.995	29.992	29.998	.002	.030	.052	.070	.068	.047	.011	.983	.969	.966	.974	.996	30.017	.040	.051	.067	.080	.086	30.083	.024
" 6,...	30.082	.083	30.078	30.079	30.091	.112	.129	.143	.161	.160	.141	.109	30.081	30.063	30.058	30.064	30.073	.080	.100	.115	.120	.116	.116	.116	.103
" 7,...	.111	.106	.098	.094	.096	.112	.130	.146	.158	.160	.146	.112	.077	.061	.045	.045	.053	.072	.093	.106	.107	.120	.116	.113	.103
" 8,...	.110	.095	.090	.086	.089	.097	.112	.131	.141	.136	.118	.085	.043	.018	.005	.006	.009	.010	.025	.029	.025	.011	.003	.001	.061
" 9,...	29.997	29.999	29.988	29.984	29.981	29.984	29.997	.005	.014	.014	29.993	29.976	29.952	29.923	29.902	29.906	29.911	29.919	29.929	29.940	29.943	29.936	29.937	29.940	29.961
" 10,...	.935	.927	.919	.914	.904	.924	.941	29.963	29.977	29.979	.961	.921	.878	.857	.852	.853	.860	.866	.886	.913	.930	.947	.958	.963	.918
" 11,...	.955	.949	.942	.936	.938	.943	.968	.998	30.023	30.034	30.025	30.003	.975	.950	.939	.954	.981	30.007	30.037	30.065	30.089	30.096	30.095	30.095	30.000
" 12,...	30.090	30.080	30.064	30.062	30.065	30.080	30.101	30.127	.143	.137	.122	.109	30.078	30.053	30.037	30.034	30.036	.042	.053	.078	.090	.107	.111	.091	.083
" 13,...	.098	.103	.092	.097	.087	.092	.095	.099	.129	.136	.126	.119	.087	.078	.069	.081	.085	.094	.120	.131	.144	.159	.166	.164	.110
" 14,...	.174	.159	.147	.124	.121	.144	.152	.162	.181	.184	.171	.151	.101	.071	.059	.060	.065	.074	.109	.129	.144	.153	.160	.161	.131
" 15,...	.161	.149	.147	.131	.120	.130	.135	.140	.154	.158	.143	.101	.072	.043	.034	.031	.050	.052	.061	.073	.083	.084	.077	.069	.100
" 16,...	.066	.051	.054	.051	.030	.037	.055	.065	.084	.099	.079	.067	.026	.009	.011	.019	.032	.041	.060	.076	.085	.093	.086	.085	.057
" 17,...	.085	.074	.059	.046	.045	.062	.075	.089	.100	.102	.095	.065	.021	.010	.000	.008	.013	.025	.033	.054	.055	.065	.062	.063	.054
" 18,...	.078	.068	.065	.071	.071	.088	.086	.097	.107	.112	.092	.067	.035	.024	.015	.015	.035	.054	.070	.100	.106	.107	.113	.107	.074
" 19,...	.113	.113	.099	.100	.102	.128	.146	.153	.162	.158	.151	.125	.104	.085	.079	.084	.097	.112	.132	.146	.149	.158	.158	.150	.125
" 20,...	.132	.120	.100	.096	.096	.096	.104	.114	.126	.128	.120	.096	.068	.044	.036	.030	.015	.066	.076	.084	.085	.088	.085	.078	.088
" 21,...	.070	.056	.054	.038	.043	.048	.050	.059	.086	.092	.078	.050	.004	29.976	29.958	29.966	29.992	.017	.023	.048	.068	.076	.077	.076	.042
" 22,...	.076	.068	.056	.052	.046	.063	.082	.105	.130	.138	.129	.108	.031	30.057	30.049	30.039	30.063	.077	.101	.139	.137	.145	.152	.148	.093
" 23,...	.135	.111	.093	.083	.079	.073	.081	.097	.121	.133	.111	.083	.049	.016	.005	29.995	.003	.009	.019	.019	.035	.033	.031	.033	.060
" 24,...	.027	.017	.011	.003	.003	.004	.017	.034	.049	.057	.039	.007	29.955	29.941	29.920	.915	29.927	29.932	29.947	29.965	29.981	29.998	29.995	29.987	29.989
" 25,...	29.975	29.958	29.947	29.936	29.923	29.941	29.967	29.975	.000	.001	29.983	29.947	.903	.865	.851	.851	.850	.855	.855	.859	.875	.884	.885	.883	.915
" 26,...	.871	.850	.836	.819	.823	.831	.839	.840	29.855	29.854	.845	.816	.790	.758	.752	.750	.755	.754	.762	.778	.783	.788	.788	.781	.805
" 27,...	.770	.758	.736	.734	.726	.743	.760	.782	.792	.799	.797	.768	.736	.702	.687	.681	.682	.692	.706	.718	.732	.736	.740	.738	.738
" 28,...	.734	.720	.720	.718	.724	.724	.737	.758	.782	.802	.806	.789	.749	.731	.723	.723	.733	.744	.755	.773	.783	.795	.789	.793	.754
" 29,...	.779	.781	.767	.757	.765	.776	.781	.799	.822	.837	.805	.755	.728	.689	.672	.667	.693	.687	.687	.711	.697	.715	.721	.711	.742
" 30,...	.705	.689	.663	.655	.655	.655	.667	.679	.683	.696	.695	.670	.622	.612	.610	.608	.618	.624	.634	.652	.665	.689	.682	.686	.659
" 31,...	.680	.670	.659	.646	.640	.650	.661	.682	.698	.700	.637	.668	.646	.622	.606	.605	.616	.621	.624	.630	.639	.638	.646	.652	.649
Means,.....	30.009	30.000	29.991	29.985	29.984	29.994	30.009	30.023	30.040	30.043	30.028	30.001	29.967	29.945	29.935	29.937	29.948	29.959	29.973	29.988	29.996	30.003	30.003	30.000	29.990

TABLE II.

TEMPERATURE, FOR THE MONTH OF JANUARY, 1911.

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,	60.4	60.2	59.9	59.6	59.8	59.2	59.0	61.8	63.8	65.1	66.2	67.6	67.9	66.0	64.4	62.6	61.5	60.5	60.5	60.4	59.9	59.5	58.7	59.2	61.8	68.8	58.7
" 2,	58.2	57.0	56.8	56.4	56.4	55.6	55.8	58.5	61.6	62.5	63.4	64.0	63.4	62.4	62.8	61.3	59.3	59.3	58.8	58.5	58.4	58.7	58.5	58.7	59.4	64.0	54.4
" 3,	58.3	57.5	57.1	56.5	56.4	55.8	55.8	57.4	59.4	59.9	63.3	63.3	63.3	62.6	60.8	59.9	59.2	58.8	58.5	58.6	58.5	58.5	58.6	59.4	59.1	65.0	54.9
" 4,	59.3	59.1	59.1	58.8	58.8	58.7	58.8	60.8	62.8	63.0	64.8	65.8	67.1	67.3	67.8	66.0	65.3	63.8	62.5	62.4	61.1	60.6	59.5	59.6	62.2	68.1	58.0
" 5,	59.5	59.1	58.5	59.1	59.4	59.3	59.1	62.2	64.6	67.9	70.3	74.4	73.0	71.8	70.4	68.3	66.3	64.3	64.1	63.4	62.5	63.8	62.6	62.3	64.4	74.4	58.5
" 6,	61.6	61.4	60.1	59.8	59.6	59.8	59.8	59.6	59.8	59.8	59.8	60.3	59.7	59.8	59.6	59.3	59.6	59.5	59.5	59.3	59.6	59.3	59.2	59.0	59.8	62.4	58.8
" 7,	59.5	59.5	59.3	58.7	58.6	58.4	58.8	59.1	59.8	59.6	59.8	62.6	60.4	60.5	60.3	60.0	59.5	59.0	59.4	59.5	59.2	60.2	60.7	60.0	59.7	63.2	57.6
" 8,	59.7	60.0	60.2	60.7	60.6	60.8	61.0	61.8	63.4	65.7	66.5	66.8	65.8	66.2	65.5	65.0	64.6	62.9	62.5	62.7	62.5	62.2	62.0	61.2	62.9	66.8	59.2
" 9,	61.0	60.5	60.6	61.3	61.4	61.2	61.6	61.9	64.8	66.0	66.3	66.7	66.8	66.8	66.6	67.0	66.8	63.8	63.6	62.6	62.7	63.3	62.7	62.2	63.7	67.4	60.3
" 10,	62.1	61.5	61.7	61.2	61.7	61.4	60.5	64.6	65.1	66.5	65.3	66.0	65.8	65.4	65.8	64.8	65.6	63.8	62.6	62.2	61.8	62.5	62.3	62.3	63.4	66.6	60.5
" 11,	62.1	61.9	61.3	60.6	60.5	60.4	60.5	61.6	63.5	63.4	63.1	64.9	65.8	68.3	66.4	64.4	60.8	59.3	54.9	54.4	54.1	54.2	52.8	52.5	60.5	69.4	52.4
" 12,	52.1	51.7	52.5	51.9	51.6	51.0	51.4	51.1	51.6	54.2	54.8	53.8	54.3	55.8	55.7	55.0	54.8	54.8	54.6	54.8	55.0	54.7	54.9	55.5	53.6	55.8	50.9
" 13,	55.6	55.7	55.5	55.7	55.6	53.8	53.4	55.1	55.8	57.0	57.4	56.8	57.6	57.8	57.3	55.9	56.1	56.3	56.6	57.2	57.5	57.3	56.6	56.1	56.2	58.7	53.2
" 14,	56.2	56.0	55.5	54.4	52.8	52.6	53.0	53.3	55.2	56.0	60.2	59.8	62.6	62.8	59.8	60.1	59.6	56.8	55.9	54.6	54.0	53.8	53.7	53.5	56.3	62.8	52.6
" 15,	53.3	53.1	52.4	51.7	51.0	50.5	48.6	49.0	51.9	52.3	53.0	55.4	54.8	54.6	54.0	53.8	52.0	51.6	52.0	51.8	51.8	51.8	51.6	51.8	52.2	55.4	48.6
" 16,	51.9	52.2	52.4	52.6	52.8	52.2	52.6	52.8	53.4	54.4	55.8	56.8	56.3	56.3	56.4	55.1	53.8	53.1	52.9	52.8	52.0	51.9	52.5	52.5	53.6	56.9	51.2
" 17,	52.1	51.5	51.2	50.8	50.8	50.6	50.0	50.8	52.0	53.7	53.9	55.8	56.8	57.3	57.1	56.8	56.2	55.0	52.9	54.1	53.8	54.3	54.2	53.9	53.6	57.7	49.9
" 18,	54.0	54.2	53.6	53.3	53.0	52.8	52.6	52.1	52.8	54.8	57.3	58.2	56.8	56.1	58.9	57.8	56.7	55.8	54.7	54.5	53.8	53.8	53.5	53.3	54.8	59.9	51.8
" 19,	52.4	51.3	50.9	50.3	50.0	49.4	48.1	48.6	49.2	50.3	50.8	51.4	50.8	49.3	49.8	48.8	48.7	48.5	48.6	48.6	49.3	48.7	49.4	49.5	49.7	53.4	47.5
" 20,	49.4	49.4	49.4	49.2	49.5	49.6	49.8	50.3	51.7	51.9	53.8	54.8	53.0	53.4	53.5	53.2	52.6	52.3	52.4	52.6	52.8	52.8	52.9	52.7	51.8	54.9	48.7
" 21,	52.8	53.0	53.0	52.8	52.8	52.8	52.7	53.8	54.3	54.8	55.6	56.6	59.1	59.6	59.0	57.9	57.7	56.8	56.7	56.7	56.8	56.8	56.5	56.4	55.6	59.6	51.9
" 22,	56.4	56.4	56.4	56.4	56.5	56.8	56.8	57.3	57.4	57.8	58.8	59.7	59.0	58.3	58.3	58.3	58.1	57.8	57.4	57.5	56.8	56.0	56.1	54.4	57.3	59.8	54.4
" 23,	55.3	54.9	55.0	54.5	54.4	53.4	53.8	56.8	58.5	59.2	60.0	59.9	62.4	60.8	59.8	58.4	57.6	56.6	56.1	55.8	55.8	55.5	55.7	55.7	56.9	62.7	52.5
" 24,	55.4	55.4	55.0	54.8	54.5	53.8	53.7	55.1	57.5	60.8	59.9	59.7	61.8	61.6	61.3	60.6	59.6	58.0	57.3	56.8	56.8	57.0	57.3	57.0	57.5	62.1	53.0
" 25,	57.6	56.9	57.1	57.0	56.6	56.8	57.1	58.4	59.9	60.9	61.3	62.8	62.8	63.2	62.8	60.7	60.8	60.6	59.9	60.0	60.0	59.8	60.3	60.5	59.7	63.5	56.0
" 26,	60.5	60.6	60.7	60.3	60.3	60.3	60.3	60.7	61.1	62.3	63.4	62.9	62.3	63.0	62.8	62.5	62.3	61.5	61.7	61.6	62.0	62.3	61.8	61.7	61.6	63.7	58.9
" 27,	61.9	61.8	61.5	61.8	62.3	62.7	62.8	60.6	63.1	64.7	65.9	65.5	65.6	66.7	65.8	64.5	63.7	63.5	63.8	63.7	64.3	64.5	64.6	64.8	63.9	65.9	60.6
" 28,	65.4	65.3	64.1	63.6	63.9	63.7	63.8	64.6	64.6	64.6	63.3	63.3	64.3	63.8	63.4	63.5	63.5	63.1	62.8	63.4	62.8	62.8	62.7	61.9	63.7	65.4	61.8
" 29,	61.5	61.3	60.7	60.7	60.7	60.5	60.6	60.2	59.9	59.7	60.0	60.3	60.8	61.6	61.5	61.6	61.7	62.6	62.6	61.8	61.6	61.6	61.0	61.3	61.1	62.7	59.5
" 30,	61.2	61.9	62.5	62.9	63.2	63.2	63.0	63.5	64.5	66.8	65.0	65.0	65.8	69.7	66.8	66.8	65.5	64.3	64.5	64.7	64.8	64.7	64.2	64.5	64.5	69.8	60.9
" 31,	64.4	64.5	64.6	64.3	64.1	64.6	64.7	64.8	64.3	64.8	66.0	68.0	65.8	65.3	65.4	65.4	66.0	66.0	66.2	68.2	65.8	65.8	66.8	64.9	65.4	68.2	64.0
Means,	57.8	57.6	57.4	57.2	57.1	56.8	56.8	57.8	58.9	60.0	60.8	61.6	61.7	61.7	61.3	60.5	59.9	59.0	58.6	58.6	58.3	58.3	58.2	58.0	58.9	63.1	55.5

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION, FOR THE MONTH OF JANUARY, 1911.

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, ...	57.5	57.3	57.2	57.2	57.4	57.2	57.3	58.4	59.0	59.8	60.6	61.1	61.8	60.8	60.3	59.4	58.5	57.8	57.8	57.6	57.7	57.4	52.3	50.0	58.0	108.5
„ 2, ...	49.4	49.6	49.4	46.4	48.4	48.5	47.8	49.8	51.3	52.8	53.6	53.8	54.3	53.8	55.8	54.8	53.6	53.8	53.6	53.7	54.0	53.8	53.0	53.0	52.0	105.7
„ 3, ...	52.3	51.5	50.8	53.1	52.4	51.8	51.7	52.3	53.2	53.0	54.6	55.3	56.2	55.8	54.8	54.6	54.4	54.4	54.5	54.5	54.8	54.8	54.7	57.2	53.9	110.0
„ 4, ...	55.7	55.4	56.2	56.4	56.0	55.8	56.3	56.0	56.8	57.3	57.8	58.8	58.1	58.6	58.3	57.6	58.2	56.8	58.6	58.4	58.2	57.4	57.0	56.7	57.2	112.5
„ 5, ...	57.0	56.9	56.8	57.1	57.0	56.5	56.8	58.6	60.6	61.8	61.4	63.6	62.0	62.8	62.3	62.6	61.3	60.3	60.6	60.6	59.9	59.8	59.8	59.2	59.8	113.6
„ 6, ...	58.5	57.4	56.9	56.3	55.5	55.2	55.7	56.0	56.0	56.0	56.0	56.6	55.7	55.4	55.3	55.0	55.8	55.4	55.8	55.6	55.8	55.6	55.8	55.7	56.0	71.0
„ 7, ...	55.4	55.5	55.5	54.9	54.7	54.3	54.8	55.0	55.3	54.5	54.8	55.8	54.9	55.2	55.3	55.8	55.5	55.0	55.6	56.4	56.3	56.3	57.2	57.4	55.5	114.8
„ 8, ...	57.2	56.5	56.3	56.4	56.2	55.7	55.6	56.3	56.0	57.7	57.6	56.8	57.0	56.8	57.1	57.0	55.8	58.0	58.3	60.3	60.6	60.2	59.8	59.2	57.4	111.1
„ 9, ...	58.7	58.6	58.9	57.8	57.7	57.8	57.8	58.2	59.8	60.6	60.8	61.4	61.3	61.8	62.0	60.8	61.3	59.8	59.6	59.5	59.5	59.4	59.4	59.4	59.7	111.8
„ 10, ...	59.1	59.5	59.4	59.2	59.0	58.6	58.4	60.2	60.2	62.0	61.7	61.7	61.0	61.3	61.8	60.8	60.6	60.4	60.5	59.8	59.8	60.4	60.1	59.5	60.2	110.5
„ 11, ...	59.3	58.9	57.3	57.5	58.1	58.2	58.6	58.8	60.1	59.6	58.8	58.9	59.3	58.3	56.3	56.2	52.8	51.7	51.2	48.9	48.3	47.3	46.6	46.4	55.3	116.3
„ 12, ...	46.5	46.4	46.4	46.6	46.3	46.0	46.2	45.8	46.5	48.3	48.8	47.8	48.8	49.8	49.4	49.6	49.8	49.5	49.5	49.3	49.8	49.6	49.6	50.2	48.2	75.6
„ 13, ...	49.9	50.1	50.8	51.1	51.1	49.7	48.8	48.4	51.2	51.0	51.4	50.3	51.8	51.8	51.8	50.8	51.3	51.8	52.1	52.7	53.1	52.8	52.3	51.3	51.1	117.8
„ 14, ...	51.7	51.5	50.7	49.3	47.8	48.0	48.0	48.0	49.4	50.0	52.1	51.5	53.0	52.8	51.3	51.8	50.8	49.3	49.6	47.8	48.3	48.8	49.0	48.2	49.9	114.2
„ 15, ...	47.8	48.0	47.5	47.3	47.0	46.2	44.5	44.6	46.8	46.8	47.3	49.0	48.8	49.1	47.8	48.6	46.7	46.5	47.6	47.2	47.7	47.9	48.3	47.9	47.4	77.8
„ 16, ...	48.1	48.2	48.4	48.7	49.3	48.8	49.1	48.8	49.3	49.5	51.1	50.8	50.3	50.2	50.2	48.9	48.0	47.8	48.1	47.8	48.7	48.9	49.0	48.8	49.0	90.6
„ 17, ...	48.6	48.4	48.6	48.7	49.3	49.4	47.8	48.8	49.8	49.9	49.9	51.8	51.7	51.8	51.7	52.2	50.4	49.8	48.8	49.1	49.2	49.3	50.1	50.0	49.8	91.8
„ 18, ...	50.1	50.3	49.7	49.3	49.4	49.3	49.1	48.5	49.6	50.8	51.8	52.6	52.8	51.6	52.5	52.0	51.3	50.5	49.0	47.9	47.9	48.2	47.8	48.0	50.0	102.2
„ 19, ...	47.0	46.1	45.9	45.6	45.6	45.8	44.4	44.5	44.4	43.8	44.2	44.8	43.8	44.0	43.1	42.0	42.0	42.3	42.6	42.6	42.0	43.3	43.2	44.4	44.1	63.9
„ 20, ...	44.7	44.7	44.5	44.4	44.6	44.6	44.8	44.4	45.0	45.0	46.6	47.8	46.6	47.0	46.8	46.8	46.1	46.1	47.0	47.8	47.8	48.5	49.1	49.5	46.3	79.8
„ 21, ...	49.5	49.5	49.7	49.8	50.3	49.8	50.6	49.7	50.4	50.6	50.8	52.2	53.1	53.6	53.4	52.9	52.7	51.8	52.0	52.8	53.3	53.6	53.5	53.3	51.6	83.6
„ 22, ...	53.5	53.5	53.1	52.4	51.5	52.3	52.6	51.4	51.3	51.3	52.8	53.2	53.0	53.0	52.3	52.3	52.8	51.6	51.0	50.2	50.5	51.0	48.9	50.1	51.9	80.2
„ 23, ...	48.9	49.1	49.1	49.1	48.8	48.8	49.0	50.4	51.5	52.2	53.3	50.3	51.3	51.3	51.8	51.6	51.8	52.0	52.0	52.3	51.8	52.4	52.8	51.8	51.0	111.1
„ 24, ...	52.5	51.8	51.5	51.3	50.6	50.2	50.2	50.8	51.6	51.9	52.6	51.7	52.8	52.8	52.2	53.3	54.0	53.5	52.4	52.8	53.0	52.3	53.6	53.3	52.2	108.5
„ 25, ...	53.4	53.5	53.3	53.0	52.5	52.4	52.8	53.3	53.8	53.3	54.8	56.2	56.3	57.6	57.3	56.6	56.8	57.5	57.4	57.3	57.5	57.8	58.2	57.6	55.4	110.8
„ 26, ...	56.8	56.7	56.6	57.0	56.4	56.4	56.3	57.6	57.8	58.3	58.7	59.1	58.8	59.6	59.6	59.8	60.1	60.0	60.2	59.8	60.5	60.6	60.5	60.5	58.7	114.9
„ 27, ...	60.3	60.5	60.5	60.7	60.9	61.3	61.5	61.8	61.6	62.7	62.8	62.3	62.3	62.8	62.3	61.5	61.2	61.4	61.8	62.0	62.8	62.8	62.7	63.3	61.8	112.1
„ 28, ...	63.3	63.3	62.7	62.2	62.3	61.8	62.2	62.6	62.4	62.0	61.2	61.3	62.3	61.8	61.3	61.4	61.8	61.3	61.3	61.6	60.5	60.3	60.0	59.5	61.7	94.7
„ 29, ...	59.1	59.0	58.9	58.8	58.6	58.6	59.0	58.9	58.5	58.8	58.8	58.5	58.8	59.3	59.4	59.6	60.5	60.8	61.3	60.5	60.5	60.6	60.3	60.4	59.5	100.0
„ 30, ...	59.5	60.6	61.4	62.2	62.5	62.5	62.4	62.7	63.5	65.8	64.4	64.3	65.1	68.2	65.8	65.9	64.8	63.8	64.0	64.3	64.5	64.4	63.8	63.7	63.8	94.4
„ 31, ...	63.5	63.7	63.9	63.9	63.1	63.5	63.7	63.8	63.5	63.8	64.6	66.0	64.5	63.9	64.1	64.4	64.9	65.5	65.7	66.8	65.1	65.0	65.5	63.5	64.4	110.7
Means, ...	54.0	53.9	53.8	53.7	53.6	53.4	53.3	53.7	54.4	54.9	55.3	55.7	55.7	55.9	55.6	55.4	55.0	54.7	54.8	54.8	54.8	54.9	54.6	54.5	54.6	100.7

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR, FOR THE MONTH OF JANUARY, 1911.

Hours.	Hourly Means.		Date.	Daily Means.	
	Humidity.	Tension.		Humidity.	Tension.
			1911.		
1 a.	77	0.375	Jan. 1,.....	78	0.433
2 „	77	.375	„ 2,.....	57	.291
3 „	77	.375	„ 3,.....	69	.349
4 „	78	.374	„ 4,.....	72	.403
5 „	78	.373	„ 5,.....	75	.454
6 „	79	.371	„ 6,.....	77	.400
7 „	78	.368	„ 7,.....	75	.386
8 „	75	.367	„ 8,.....	69	.401
9 „	73	.372	„ 9,.....	78	.461
10 „	70	.372	„ 10,.....	82	.480
11 „	68	.373	„ 11,.....	70	.370
Noon.	67	.374	„ 12,.....	65	.267
1 p.	67	.373	„ 13,.....	68	.309
2 „	68	.379	„ 14,.....	60	.276
3 „	68	.375	„ 15,.....	68	.266
4 „	70	.380	„ 16,.....	70	.288
5 „	71	.376	„ 17,.....	75	.310
6 „	74	.379	„ 18,.....	69	.298
7 „	78	.388	„ 19,.....	60	.217
8 „	78	.388	„ 20,.....	63	.243
9 „	79	.392	„ 21,.....	75	.331
10 „	79	.394	„ 22,.....	67	.317
11 „	78	.387	„ 23,.....	64	.297
Midt.	78	.387	„ 24,.....	68	.322
			„ 25,.....	74	.383
			„ 26,.....	83	.458
			„ 27,.....	88	.526
			„ 28,.....	89	.525
			„ 29,.....	90	.489
			„ 30,.....	96	.584
			31,.....	95	.592
Mean, ...	74	0.378	Mean, ...	74	0.378

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.
1911.														
Jan. 1,.....	...	...	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	...	...	9.0
„ 2,.....	...	...	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	...	9.1
„ 3,.....	...	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	...	9.6
„ 4,.....	...	...	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	...	9.2
„ 5,.....	...	...	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	...	9.0
„ 6,.....	...	...	0.1	...	...	...	...	...	...	...	...	...	...	0.1
„ 7,.....	...	...	...	0.2	0.4	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	7.1
„ 8,.....	...	...	...	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	7.7
„ 9,.....	...	...	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	8.9
„ 10,.....	...	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	...	9.5
„ 11,.....	...	...	...	0.3	...	...	0.1	0.4	0.7	0.2	0.3	...	...	2.0
„ 12,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 13,.....	...	...	0.4	0.1	0.7	0.8	0.2	1.0	0.7	...	...	...	...	3.9
„ 14,.....	...	...	...	...	0.5	0.8	1.0	1.0	1.0	0.9	0.5	...	...	5.7
„ 15,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 16,.....	...	...	...	...	0.2	0.2	...	...	...	...	...	...	...	0.4
„ 17,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 18,.....	...	...	...	...	0.1	0.5	0.2	...	...	0.1	...	...	...	0.9
„ 19,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 20,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 21,.....	...	...	...	...	...	...	...	0.1	...	...	...	...	...	0.1
„ 22,.....	...	...	...	...	...	...	...	...	...	...	0.3	...	...	0.3
„ 23,.....	...	0.4	1.0	1.0	1.0	0.6	0.8	1.0	1.0	1.0	1.0	0.4	...	9.2
„ 24,.....	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	...	9.7
„ 25,.....	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	10.0
„ 26,.....	...	...	0.8	1.0	1.0	1.0	0.9	0.7	1.0	0.2	...	...	...	6.6
„ 27,.....	...	0.1	0.5	0.9	1.0	0.8	0.6	0.8	1.0	1.0	1.0	0.3	...	8.0
„ 28,.....	...	...	0.1	0.1	...	...	...	...	0.1	...	...	...	...	0.3
„ 29,.....	...	...	...	...	...	0.5	...	...	...	...	...	...	..	0.5
„ 30,.....	...	...	...	...	...	...	...	...	0.2	...	...	...	...	0.2
„ 31,.....	...	...	...	...	...	0.5	0.9	0.4	0.4	...	...	...	...	2.2
Sums,.....	...	2.0	11.1	12.6	14.9	16.7	15.7	16.4	17.1	14.4	14.1	4.2	...	139.2

TABLE VI.

RAINFALL FOR THE MONTH OF JANUARY, 1911.

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,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 3,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 4,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 5,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 6,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 7,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 8,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 9,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 10,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 11,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.010	0.010	...	...	...	...	0.020	1
" 12,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 13,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 14,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 15,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 16,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 17,	...	...	...	...	0.020	0.010	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.030	2
" 18,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 19,	...	...	...	...	...	...	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	...
" 20,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 21,	...	...	...	...	0.010	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.015	1
" 22,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 23,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 24,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 25,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 26,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 27,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 28,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 29,	...	...	...	...	...	...	...	...	0.005	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.010	1
" 30,	...	...	...	0.095	0.030	0.050	0.005	0.010	0.005	0.100	0.060	0.055	0.015	0.180	0.010	...	...	...	...	...	...	...	0.005	...	0.620	6
" 31,	...	...	...	0.005	...	...	...	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	0.005	0.015	0.005	0.035	1
Sums,	...	...	...	0.100	0.060	0.065	0.005	0.015	0.015	0.105	0.060	0.055	0.015	0.180	0.010	...	...	...	0.010	0.010	...	0.005	0.020	0.005	0.735	12

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND, FOR THE MONTH OF JANUARY, 1911.

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,	7	27	7	20	7	16	8	13	9	13	9	10	10	7	11	11	9	11	10	10	10	8	10	5	9	11	9	13	8	14	9	11	8	12	9	15	8	14	6	12	8	11	8	7	2	6	1	17	294	12.2	8
„ 2,	1	12	4	5	1	11	1	13	2	8	...	1	32	4	3	5	4	5	7	13	7	18	8	16	10	18	11	15	10	14	10	19	9	20	8	15	7	11	7	12	7	15	7	18	7	25	7	20	313	13.0	7
„ 3,	7	22	7	22	7	22	7	17	7	14	7	15	8	12	8	14	8	15	11	9	10	10	9	10	10	10	9	16	9	22	9	22	8	21	9	15	10	15	8	16	9	16	8	14	8	13	8	17	379	15.8	8
„ 4,	7	16	7	15	7	15	7	14	8	14	8	15	10	16	8	14	9	19	10	20	10	18	9	17	9	15	9	13	9	11	8	14	8	6	8	2	11	5	9	8	9	2	9	2	...	1	16	2	274	11.4	9
„ 5,	26	3	...	1	...	1	...	0	...	0	...	0	...	0	...	0	22	2	24	5	27	3	...	1	25	6	29	6	29	6	29	6	29	4	...	1	...	1	...	0	6	5	8	14	7	26	7	31	122	5.1	5
„ 6,	7	25	7	30	7	32	7	30	7	34	8	29	7	27	7	19	7	21	7	19	7	19	7	20	8	19	8	21	7	18	7	17	7	18	7	22	7	23	7	23	7	27	7	24	7	28	7	28	573	23.9	7
„ 7,	7	26	7	29	7	27	7	30	7	28	8	27	7	26	7	28	8	26	8	28	8	25	9	24	10	21	10	21	9	20	10	16	9	16	8	19	9	18	8	18	8	16	7	15	8	17	7	19	540	22.5	8
„ 8,	7	20	7	22	7	17	8	20	8	20	8	20	7	21	8	22	8	23	8	28	8	27	8	26	8	23	8	19	10	18	10	18	10	19	9	18	7	15	7	14	8	14	6	16	7	21	7	27	491	20.5	8
„ 9,	7	26	7	28	8	24	8	25	8	21	8	24	8	23	10	22	8	22	9	22	8	20	8	21	9	24	8	19	8	18	9	18	10	15	10	12	10	9	12	5	12	8	10	8	11	3	8	10	427	17.8	8
„ 10,	9	14	8	13	9	8	9	13	9	13	7	10	9	8	11	7	11	9	9	10	9	11	8	12	8	12	8	16	8	14	8	5	8	3	8	2	8	4	8	10	8	12	11	11	6	14	6	13	244	10.2	8
„ 11,	6	15	7	16	7	19	8	24	8	14	8	15	8	8	8	8	8	3	32	8	1	5	26	2	26	3	31	10	32	14	1	14	1	15	1	12	2	12	2	16	2	15	2	13	3	22	2	16	299	12.5	4
„ 12,	2	12	1	11	1	20	32	12	32	14	32	13	32	10	1	13	2	13	1	11	32	8	2	6	2	5	1	7	4	12	5	16	7	12	4	12	4	10	4	9	4	8	1	7	5	7	7	16	264	11.0	2
„ 13,	7	23	7	21	7	22	7	20	7	21	6	17	5	20	7	27	7	23	7	30	8	25	7	25	7	25	7	24	7	21	7	19	8	15	8	18	6	17	6	16	7	20	7	19	6	14	6	15	497	20.7	7
„ 14,	5	12	4	12	5	11	6	10	2	5	32	9	2	8	2	6	2	6	2	5	6	6	32	7	11	8	11	7	10	12	11	5	2	12	1	16	32	7	2	11	1	8	1	8	32	6	32	6	206	8.6	3
„ 15,	32	4	...	1	32	6	1	4	1	5	1	7	2	7	32	9	32	4	32	5	32	6	30	3	1	5	1	6	32	8	32	7	32	7	2	8	1	5	2	5	6	8	6	11	6	13	5	16	160	6.7	2
„ 16,	5	17	5	17	5	16	4	10	6	17	4	19	5	19	5	17	5	16	5	14	4	13	5	13	4	10	2	6	2	9	2	8	1	11	32	8	32	6	32	7	32	6	32	6	2	8	2	7	280	11.7	4
„ 17,	1	6	32	9	32	11	2	8	32	5	32	6	2	5	2	2	...	1	2	5	1	2	2	5	32	4	32	3	26	4	27	3	32	8	32	10	2	4	...	1	2	2	3	4	...	1	32	5	114	4.8	32
„ 18,	...	0	30	2	30	5	32	4	31	5	31	3	31	2	31	2	...	1	22	6	22	9	26	7	21	12	25	10	28	8	32	9	32	11	32	11	2	8	4	7	2	6	32	4	32	3	32	6	141	5.9	30
„ 19,	32	9	32	11	2	11	32	9	32	12	32	12	2	11	32	10	32	7	31	9	30	11	32	9	1	8	1	11	32	11	32	18	32	13	32	9	3	6	2	11	3	11	1	7	2	6	2	6	238	9.9	1
„ 20,	2	3	1	6	3	7	2	3	2	2	32	8	1	3	32	5	32	5	32	4	32	4	6	3	9	7	10	7	10	9	8	10	8	11	6	9	5	9	7	15	7	13	7	13	7	14	7	11	181	7.5	6
„ 21,	7	14	8	9	4	3	1	2	31	2	...	0	...	0	31	5	...	1	25	2	25	2	21	4	23	5	24	8	24	9	25	5	23	4	26	4	...	0	26	2	26	4	...	0	...	0	...	0	85	3.5	27
„ 22,	...	0	26	2	...	1	26	2	3	4	32	3	29	2	3	6	6	2	6	11	4	12	5	14	6	15	8	12	7	9	7	14	6	7	5	5	2	6	2	4	8	7	...	1	2	6	3	8	153	6.4	5
„ 23,	2	10	2	7	5	5	...	1	2	5	2	3	8	7	8	12	6	13	6	14	6	17	7	23	8	22	9	23	9	21	10	24	9	19	8	16	7	13	7	10	5	10	7	12	6	16	6	16	319	13.3	7
„ 24,	7	14	7	16	7	13	7	13	6	15	7	14	8	18	7	16	8	18	8	14	9	17	10	18	10	12	9	10	8	10	9	5	9	6	9	7	9	10	9	9	10	12	6	6	7	11	5	13	297	12.4	8
„ 25,	7	14	8	16	7	21	7	27	7	28	8	28	8	22	7	24	8	25	8	23	7	22	8	22	6	27	7	21	7	30	7	24	7	26	7	25	7	21	7	24	9	23	8	20	8	15	10	19	548	22.8	7
„ 26,	9	18	9	20	8	25	9	24	9	22	9	22	8	27	8	27	8	27	8	29	8	25	8	24	8	23	9	26	10	20	8	17	9	17	9	15	9	15	10	19	9	18	8	17	9	18	8	15	510	21.2	9
„ 27,	9	13	11	5	11	7	10	10	9	14	9	14	9	13	9	14	8	17	8	19	8	19	8	19	8	18	8	20	8	20	8	24	8	21	8	17	8	16	9	14	9	13	8	15	8	11	8	10	359	15.0	8
„ 28,	9	11	8	13	8	15	9	15	9	16	9	15	9	14	9	19	9	19	8	22	8	20	9	19	8	22	9	24	8	25	9	22	8	23	8	23	8	25	8	28	8	27	8	26	8	32	8	30	505	21.0	8
„ 29,	8	35	7	33	7	33	7	32	7	29	7	26	8	28	8	24	7	27	8	24	8	31	6	32	6	25	7	27	7	28	7	22	7	22	8	23	8	23	8	27	9	33	7	24	7	25	8	24	657	27.4	7
„ 30,	8	25	9	22	7	21	7	19	8	17	8	19	7	21	7	20	8	13	19	8	13	4	9	2	10	8	28	6	2	5	3	5	5	10	7	13	8	19	8	15	8	15	8	20	8	21	9	24	352	14.7	8
„ 31,	9	22	8	21	9	20	8	19	9	20	8	21	7	16	8	16	8	15	7	18	7	19	6	17	7	16	7	18	6	17	6	12	6	11	5	12	7	7	6	6	6	10	6	12	7	20	7	15	380	15.8	7
Sums,	...	468	...	455	...	465	...	443	...	440	...	420	...	405	...	424	...	409	...	445	...	436	...	426	...	442	...	448	...	457	...	429	...	414	...	394	...	354	...	374	...	395	...	374	...	423	...	462	10202	425.1	...
Means,	...	15.1	...	14.7	...	15.0	...	14.3	...	14.2	...	14.5	...	13.1	...	13.7	...	13.2	...	14.4	...	14.1	...	13.7	...	14.3	...	14.5	...	14.7	...	13.8	...	13.4	...	12.7	...	11.4	...	12.1	...	12.7	...	12.1	...	13.6	...	14.9	329.1	13.7	...

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
1911.												
Jan. 1, ...	3	cum.	E	7	cum.	E	2	sm-cum.	...	1	cum.	...
„ 2, ...	0	...	...	0	...	...	0	...	...	1	cum.	...
„ 3, ...	0	...	...	2	cum.	...	1	cum.	...	6	sm-cum.	SW
„ 4, ...	0	...	...	0	...	...	2	sm-cum.	...	1	sm-cum.	...
„ 5, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 6, ...	5	cum.	E	0	...	...	10	cum.	E	10	cum.	E
„ 7, ...	9	cum.	E	10	cum.	E	9	sm-cum. / cum.	WSW / E	8	sm-cum. / cum.	WSW / E
„ 8, ...	8	sm-cum.	WSW	10	sm-cum.	WSW	10	sm-cum. / cum.	WSW / ENE	1	sm-cum.	...
„ 9, ...	6	cum.	E	0	...	...	8	sm-cum.	WNW	0	...	...
„ 10, ...	0	...	...	2	cum.	...	0	...	...	1	cum.	...
„ 11, ...	6	cum.	E	2	cum.	E	10	cum.	E	10	cum.	E
„ 12, ...	4	cum.	E	8	cum.	E	10	str-cum.	ENE	10	str-cum.	ENE
„ 13, ...	10	cum.	ENE	10	cum.	ENE	8	sm-cum. / cum.	W / E	8	sm-cum. / cum.	W / E
„ 14, ...	10	cum.	ENE	10	cum.	ENE	10	sm-cum.	WNW	8	sm-cum.	WNW
„ 15, ...	10	cum.	ENE	10	cum.	ENE	10	cum.	NNE	10	str-cum.	ENE
„ 16, ...	10	str-cum.	E	10	str-cum.	E	10	str-cum.	E	10	sm-cum. / cum.	WNW / E
„ 17, ...	10	str-cum.	...	10	nim.	...	10	cum-nim.	...	10	str-cum.	...
„ 18, ...	10	str-cum.	...	10	str-cum.	...	10	str-cum.	...	10	str-cum.	...
„ 19, ...	10	str-cum.	...	10	str-cum.	...	10	cum-nim.	...	10	str-cum.	...
„ 20, ...	10	str-cum.	...	10	str-cum.	...	10	str-cum.	ENE	10	cum.	S
„ 21, ...	10	cum.	SSW	10	nim.	...	10	str-cum.	...	10	str-cum.	...
„ 22, ...	10	cum.	...	10	cum.	...	10	cum.	...	10	cum.	ENE
„ 23, ...	10	cum.	...	7	cum.	E	3	sm-cum.	W	5	sm-cum. / cum.	E
„ 24, ...	0	...	...	4	cum.	E	0	...	...	0	...	...
„ 25, ...	1	cum.	...	0	...	...	0	...	...	1	cum.	...
„ 26, ...	10	cum.	E	6	cum.	E	8	sm-cum.	SW	8	cum.	E
„ 27, ...	1	cum.	...	10	cum.	SE	7	sm-cum. / cum.	SSE	6	sm-cum. / cum.	W / SE
„ 28, ...	10	cum.	SE	10	cum.	SE	9	sm-cum. / cum.	ESE	10	cum.	ESE
„ 29, ...	10	cum.	E	10	cum.	E	10	cum-nim.	E	10	nim.	E
„ 30, ...	10	cum-nim.	...	10	cum-nim.	...	10	cum-nim.	SSW	10	nim.	SSW
„ 31, ...	10	cum-nim.	...	10	cum-nim.	S	10	cum-nim.	S	10	cum.	S
Means,...	6.5	...	...	6.7	...	...	7.0	...	...	6.6	...	...

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	
1911.													
Jan. 1,...	1	cum.	...	0	...	...	0	...	...	0	...	...	1.7
„ 2,...	0	...	...	0	...	...	0	...	...	0	...	...	0.1
„ 3,...	0	...	...	0	...	...	0	...	...	0	...	...	1.1
„ 4,...	1	sm-cum.	...	0	...	...	0	...	...	0	...	...	0.5
„ 5,...	0	...	...	0	...	...	1	cum.	...	0	...	...	0.1
„ 6,...	10	cum.	E	10	cum.	E	10	sm-cum. / cum.	SSE / E	10	cum.	E	8.1
„ 7,...	6	sm-cum.	SW	1	c-cum.	...	10	sm-cum.	WSW	9	sm-cum.	WSW	7.8
„ 8,...	0	...	...	0	...	...	2	cum.	E	5	cum.	E	4.5
„ 9,...	2	cum.	...	0	...	...	0	...	...	0	...	...	2.0
„ 10,...	0	...	...	0	...	...	0	...	...	10	cum.	E	1.6
„ 11,...	10	sm-cum.	W	10	sm-cum.	W	10	nim.	E	10	cum.	E	8.5
„ 12,...	10	str-cum.	ENE	10	cum.	ENE	10	sm-cum. / cum.	ENE	10	cum.	ENE	9.0
„ 13,...	8	sm-cum. / cum.	W / ENE	10	cum.	ENE	10	cum.	ENE	10	cum.	ENE	9.2
„ 14,...	6	sm-cum.	WNW	8	sm-cum.	WNW	10	sm-cum.	WNW	10	sm-cum. / cum.	ENE	9.0
„ 15,...	10	str-cum.	ENE	10	str-cum.	ENE	10	str-cum.	...	10	str-cum.	...	10.0
„ 16,...	10	str-cum.	ENE	10	str-cum.	E	10	str-cum.	...	10	str-cum.	...	10.0
„ 17,...	10	sm-cum. / cum.	W / ..	10	sm-cum. / cum.	W / E	2	cum.	...	10	sm-cum.	WSW	9.0
„ 18,...	10	str-cum.	ENE	9	sm-cum. / cum.	W / E	8	cum.	ENE	10	str-cum.	...	9.6
„ 19,...	10	str-cum.	...	10	str-cum.	...	10	str-cum.	...	10	str-cum.	...	10.0
„ 20,...	10	str-cum.	...	10	cum.	SSW	10	cum.	SSW	10	cum.	SSW	10.0
„ 21,...	10	sm-cum.	W	10	sm-cum.	WSW	10	sm-cum.	WSW	10	cum.	...	10.0
„ 22,...	10	cum.	E	9	sm-cum.	W	10	cum.	...	10	cum.	...	9.9
„ 23,...	4	sm-cum. / cum.	WSW / E	1	c-str.	...	0	...	...	1	cum.	...	3.9
„ 24,...	0	...	...	1	c-cum.	...	2	cum.	...	4	cum.	...	1.4
„ 25,...	2	cum.	...	3	cum.	ENE	1	cum.	...	8	cum.	E	2.0
„ 26,...	9	cum.	ESE	10	cum.	ESE	4	cum.	E	7	cum.	E	7.7
„ 27,...	8	sm-cum. / cum.	W / S	4	sm-cum. / cum.	W / SW	7	cum.	SW	10	cum.	...	6.6
„ 28,...	10	cum-nim.	ESE	10	cum-nim.	E	10	cum.	E	10	cum.	E	9.9
„ 29,...	10	cum-nim.	E	10	cum-nim.	E	10	cum.	...	10	cum.	...	10.0
„ 30,...	10	nim.	SSW	10	cum-nim.	SW	10	nim.	SW	10	cum-nim.	...	10.0
„ 31,...	10	cum.	S	10	cum.	S	10	cum.	S	10	nim.	S	10.0
Means,...	6.4	...	...	6.0	...	...	6.0	...	...	7.2	...	...	6.6

TABLE IX.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR THE MONTH OF JANUARY, 1911.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N −S	+E −W	
1 a.	3.9	13.4	0.5	0.1	+ 3.4	+13.3	E 14° N
2 „	3.7	12.8	0.4	0.1	3.4	12.7	E 15° N
3 „	4.5	12.7	0.3	0.1	4.1	12.7	E 18° N
4 „	3.4	12.4	0.5	0.1	2.9	12.3	E 13° N
5 „	3.5	12.1	0.6	0.0	2.9	12.1	E 13° N
6 „	3.1	11.3	0.4	0.0	2.8	11.3	E 14° N
7 „	3.0	11.5	0.5	0.0	2.4	11.5	E 12° N
8 „	3.1	11.7	0.8	0.0	2.3	11.7	E 11° N
9 „	2.1	11.9	0.5	0.1	1.6	11.8	E 8° N
10 „	2.6	12.0	1.0	0.6	1.6	11.4	E 8° N
11 „	2.5	12.0	0.8	0.5	1.7	11.5	E 9° N
Noon.	2.6	12.2	0.8	0.4	1.8	11.8	E 9° N
1 p.	2.1	12.4	1.6	0.8	0.5	11.6	E 2° N
2 „	2.4	12.0	1.5	0.9	0.8	11.2	E 4° N
3 „	3.1	12.1	1.4	0.7	1.7	11.4	E 9° N
4 „	3.2	11.4	1.5	0.3	1.7	11.1	E 9° N
5 „	3.5	10.7	0.9	0.2	2.5	10.5	E 13° N
6 „	3.5	10.1	0.6	0.1	2.9	10.0	E 16° N
7 „	2.8	9.9	0.7	0.0	2.1	9.9	E 12° N
8 „	3.1	10.5	0.6	0.1	2.5	10.5	E 13° N
9 „	2.7	11.3	1.0	0.1	1.7	11.1	E 9° N
10 „	2.9	10.6	0.3	0.0	2.6	10.6	E 14° N
11 „	3.5	12.2	0.2	0.0	3.4	12.2	E 15° N
Midt.	4.3	12.7	0.5	0.0	+ 3.8	+12.7	E 17° N
Means,.....	3.1	11.7	0.7	0.2	+2.38	+11.54	E 12° N

PHENOMENA :—

Fog :—on the 5th and 22nd.

Sligh fog :—on the 4th, 27th, 30th and 31st.

Haze :—on the 1st, 2nd and 10th.

Unusual visibility :—on the 12th.

TABLE I.

BAROMETRIC PRESSURE, FOR THE MONTH OF FEBRUARY, 1911.

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,...	29.643	29.630	29.606	29.609	29.608	29.616	29.632	29.650	29.673	29.686	29.683	29.666	29.642	29.615	29.606	29.602	29.620	29.630	29.640	29.666	29.684	29.702	29.714	29.726	29.648
„ 2,...	.734	.744	.747	.752	.758	.780	.818	.852	.868	.886	.888	.872	.842	.822	.820	.826	.852	.874	.892	.918	.938	.962	.975	.986	.850
„ 3,...	.995	30.004	30.006	30.008	30.022	30.048	30.070	30.098	30.109	30.120	30.120	30.089	30.060	30.040	30.019	30.008	30.017	30.030	30.046	30.064	30.090	30.104	30.118	30.122	30.059
„ 4,...	30.128	.120	.116	.122	.123	.150	.169	.182	.190	.198	.186	.158	.128	.096	.078	.073	.090	.101	.116	.132	.144	.150	.162	.175	.137
„ 5,...	.172	.165	.154	.154	.160	.176	.190	.202	.200	.194	.192	.166	.131	.101	.087	.081	.081	.083	.085	.097	.103	.119	.119	.111	.138
„ 6,...	.115	.114	.097	.089	.078	.093	.087	.083	.121	.128	.113	.075	.059	.029	.036	.015	.033	.042	.047	.065	.075	.091	.093	.099	.078
„ 7,...	.097	.089	.076	.067	.074	.083	.107	.121	.127	.115	.102	.073	.047	.029	29.993	29.981	29.987	.002	.006	.023	.041	.043	.045	.043	.057
„ 8,...	.041	.029	.021	.015	.023	.031	.047	.046	.063	.072	.068	.043	.019	29.992	.981	.971	.980	29.989	.011	.028	.039	.045	.043	.041	.027
„ 9,...	.037	.027	.027	.028	.039	.057	.083	.107	.127	.139	.140	.120	.090	30.052	30.034	30.030	30.039	30.054	.086	.116	.118	.130	.139	.129	.081
„ 10,...	.122	.120	.119	.125	.138	.144	.160	.186	.202	.217	.210	.192	.158	.129	.106	.100	.107	.106	.112	.132	.144	.150	.155	.164	.146
„ 11,...	.162	.152	.136	.136	.142	.157	.172	.182	.195	.205	.192	.180	.152	.116	.100	.098	.100	.114	.120	.139	.150	.162	.176	.176	.151
„ 12,...	.158	.135	.120	.116	.120	.134	.158	.172	.188	.196	.184	.160	.129	.102	.086	.080	.081	.094	.102	.128	.139	.139	.136	.125	.133
„ 13,...	.110	.097	.071	.060	.058	.074	.078	.098	.106	.118	.108	.095	.073	.043	.023	.012	.009	.011	.017	.036	.049	.049	.047	.047	.062
„ 14,...	.031	.027	.011	.007	.013	.025	.035	.056	.065	.080	.073	.063	.041	.013	29.991	29.985	29.993	.001	.007	.025	.031	.031	.031	.029	.028
„ 15,...	.029	.014	.013	.011	.011	.019	.051	.063	.073	.090	.083	.055	.048	.024	30.008	30.002	30.004	.017	.032	.050	.066	.075	.076	.076	.041
„ 16,...	.076	.062	.056	.038	.051	.072	.098	.114	.118	.128	.114	.092	.077	.048	.022	.023	.027	.034	.046	.064	.088	.102	.106	.094	.073
„ 17,...	.090	.083	.080	.074	.078	.080	.104	.130	.146	.150	.138	.115	.092	.064	.046	.055	.060	.072	.075	.104	.116	.120	.130	.136	.097
„ 18,...	.132	.118	.106	.096	.098	.112	.136	.163	.172	.198	.189	.166	.150	.126	.117	.122	.132	.148	.150	.173	.193	.216	.224	.223	.152
„ 19,...	.216	.205	.198	.200	.207	.218	.228	.240	.256	.266	.260	.244	.214	.188	.182	.184	.198	.210	.223	.252	.270	.282	.290	.284	.230
„ 20,...	.268	.264	.256	.246	.248	.264	.266	.292	.305	.307	.288	.254	.218	.188	.164	.150	.158	.164	.181	.214	.237	.254	.258	.254	.237
„ 21,...	.246	.222	.213	.202	.216	.215	.216	.238	.246	.230	.218	.191	.161	.118	.095	.071	.079	.097	.111	.129	.156	.169	.179	.163	.174
„ 22,...	.137	.105	.057	.029	.047	.079	.077	.087	.103	.111	.079	.063	.037	.033	.025	.025	.031	.039	.041	.061	.097	.108	.125	.145	.073
„ 23,...	.131	.127	.127	.137	.131	.137	.141	.161	.181	.188	.187	.178	.150	.038	.130	.126	.133	.154	.184	.212	.250	.245	.266	.268	.170
„ 24,...	.251	.228	.220	.234	.260	.288	.302	.334	.348	.352	.330	.292	.260	.224	.206	.202	.213	.220	.239	.268	.278	.286	.296	.292	.268
„ 25,	.277	.266	.254	246	.236	.258	.258	.273	.278	.290	.278	.247	.219	.191	.171	.160	.165	.176	.191	.209	.221	.213	.197	.177	.227
„ 26,...	.155	.143	.128	.115	.111	.113	.137	.151	.163	.155	.139	.105	.083	.047	.030	.024	.025	.029	.034	.050	.060	.061	.063	.053	.091
„ 27,...	.039	.021	.007	29.995	29.997	.005	.021	.031	.047	.051	.045	.013	29.975	29.989	29.921	29.917	29.923	29.930	29.945	29.952	29.973	29.981	29.975	29.963	29.986
„ 28,...	29.956	29.947	29.925	.915	.911	29.923	29.950	29.971	29.991	.000	29.990	29.967	.933	.903	.893	.891	.900	.919	.937	.955	.965	.983	.991	.985	.946
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,.....	30.091	30.081	30.070	30.065	30.070	30.084	30.100	30.117	30.131	30.138	30.128	30.105	30.078	30.050	30.035	30.029	30.037	30.048	30.060	30.081	30.097	30.106	30.112	30.110	30.084

TABLE II.

TEMPERATURE, FOR THE MONTH OF FEBRUARY, 1911.

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,.....	64.6	65.6	70.3	71.2	71.2	72.8	70.0	68.8	70.0	70.4	69.5	71.2	68.8	69.2	68.0	68.0	66.3	65.0	64.7	64.6	64.7	64.4	64.2	63.8	67.8	72.8	63.8
„ 2,.....	63.5	63.2	63.1	63.4	63.3	63.8	63.0	62.7	62.8	63.7	66.4	68.6	67.8	67.7	67.3	66.7	63.4	63.2	63.0	62.8	62.0	61.2	60.0	59.4	63.8	68.6	59.1
„ 3,.....	57.7	55.9	54.7	54.4	53.1	52.0	52.0	54.4	57.0	57.6	59.4	60.0	60.1	61.4	61.0	61.0	59.8	57.0	55.8	55.0	53.8	52.8	53.2	51.5	56.3	61.7	51.5
„ 4,.....	50.6	50.4	50.5	50.1	50.4	50.4	51.0	53.4	56.0	58.2	59.8	61.0	59.9	59.0	59.0	58.8	58.2	57.0	56.6	56.2	56.0	56.4	56.3	55.9	55.5	61.2	49.9
„ 5,.....	56.1	56.2	55.6	55.2	55.2	55.0	54.8	56.0	57.4	59.0	59.3	62.2	63.6	63.0	63.0	63.8	60.8	59.3	58.8	57.4	57.2	57.0	56.9	56.5	58.3	63.9	54.1
„ 6,.....	56.2	55.9	56.1	56.1	56.6	57.0	56.7	57.0	58.1	60.0	60.0	59.0	62.0	61.4	61.0	59.8	59.6	58.8	58.0	58.0	58.1	58.5	58.0	56.8	58.3	62.0	55.7
„ 7,.....	58.1	57.8	57.5	57.3	57.3	57.7	57.5	58.0	60.5	61.0	61.7	62.0	62.0	63.0	62.0	60.5	60.0	58.8	59.2	59.5	60.0	59.9	60.2	60.0	59.6	63.0	57.1
„ 8,.....	59.7	59.5	59.5	59.3	59.4	59.4	59.6	61.1	63.0	64.8	65.0	65.9	66.2	66.0	65.4	64.3	63.1	62.2	61.5	61.2	61.2	61.5	61.5	61.3	62.1	65.4	58.6
„ 9,.....	60.9	60.7	60.7	60.7	60.8	60.9	60.6	61.0	61.7	63.1	65.0	64.0	64.5	64.6	64.5	64.0	64.0	62.7	62.1	62.1	61.7	61.7	61.3	59.8	62.2	65.0	59.5
„ 10,.....	59.5	59.3	59.0	59.1	59.5	59.4	59.0	60.8	63.0	65.5	64.4	65.3	66.0	65.8	65.0	63.9	64.0	63.1	62.2	62.4	62.6	62.6	63.4	62.6	62.4	66.0	58.3
„ 11,.....	62.2	61.6	61.3	60.7	60.3	60.6	60.7	62.0	63.1	65.0	67.1	68.0	68.8	69.0	69.0	67.1	67.1	66.0	65.8	65.5	65.8	65.0	63.5	61.7	64.5	69.0	59.7
„ 12,.....	61.3	60.7	61.2	61.6	62.4	62.8	64.5	65.0	65.7	67.0	65.5	67.0	67.6	67.5	67.0	65.3	65.0	62.7	62.5	62.2	62.2	62.1	61.8	61.6	63.8	67.6	59.9
„ 13,.....	61.5	61.4	61.4	61.6	61.3	61.0	61.2	61.1	62.0	64.1	63.5	64.0	63.0	63.2	63.1	62.4	63.0	62.2	61.8	61.8	61.7	62.0	61.7	61.8	62.2	64.7	60.3
„ 14,.....	63.0	62.6	62.5	62.4	62.0	62.8	63.4	65.2	67.4	68.1	70.1	72.0	70.3	71.0	70.0	71.2	68.6	66.9	66.0	64.8	63.7	63.1	62.4	62.6	65.9	72.5	61.6
„ 15,.....	62.1	62.1	62.2	62.3	62.0	62.3	62.6	63.8	67.5	70.1	70.8	74.2	68.0	66.6	66.0	64.6	64.8	63.5	63.8	63.7	63.6	64.0	63.3	61.8	64.8	74.2	61.0
„ 16,.....	60.9	60.4	59.9	59.6	59.8	60.0	59.0	59.6	59.8	60.0	61.5	63.2	63.3	63.0	62.3	62.2	61.8	61.4	61.0	60.8	60.8	60.3	59.4	58.9	60.8	64.4	58.7
„ 17,.....	59.0	58.9	58.7	58.3	57.8	57.6	58.0	58.4	60.5	61.2	63.1	64.8	64.4	62.8	62.7	61.0	60.3	59.5	59.6	59.8	60.0	59.4	58.7	58.5	60.1	64.8	56.9
„ 18,.....	58.3	58.0	57.7	57.6	57.2	57.3	57.1	58.8	59.0	59.9	60.5	62.0	62.9	62.3	61.0	60.1	59.8	59.0	58.6	58.7	58.8	58.2	57.8	57.8	59.1	63.5	56.8
„ 19,.....	57.4	57.1	57.0	56.9	56.6	56.3	56.3	56.8	57.0	58.7	62.0	61.0	62.0	61.3	60.8	60.0	59.4	58.3	58.0	57.8	57.7	57.5	56.8	56.7	58.3	62.6	56.3
„ 20,.....	56.6	56.1	55.6	55.4	55.2	55.0	55.6	59.0	60.2	62.4	63.0	60.0	60.0	59.8	59.5	59.1	58.8	57.7	57.3	57.2	56.8	56.8	56.8	56.8	57.9	63.0	54.5
„ 21,.....	56.6	56.9	57.3	57.2	57.2	57.0	57.3	58.2	60.3	62.5	63.8	65.7	65.0	65.2	65.6	62.9	63.0	61.0	60.0	59.5	59.1	58.9	60.5	58.7	60.4	65.8	56.5
„ 22,.....	58.5	58.7	57.5	56.8	58.2	58.1	58.7	59.4	61.0	65.6	66.0	64.8	63.0	62.0	60.5	58.8	59.2	59.0	57.6	57.5	57.8	58.1	57.8	57.3	59.7	66.8	56.8
„ 23,.....	57.1	56.8	56.6	54.6	54.2	54.1	53.7	58.6	57.3	61.0	62.5	63.0	65.8	65.5	65.5	63.4	62.0	61.0	58.5	57.2	56.6	54.7	52.8	51.8	58.5	66.1	51.8
„ 24,.....	51.6	50.9	49.6	47.8	47.1	47.1	48.8	51.4	56.2	56.0	57.2	58.7	60.8	61.8	60.0	57.5	57.7	56.6	54.1	53.0	53.9	53.0	52.2	52.6	54.0	62.0	47.1
„ 25,.....	52.0	52.2	52.2	52.1	52.2	51.7	51.6	52.4	53.4	56.0	56.4	57.2	58.6	60.0	60.0	59.7	58.3	57.3	56.2	55.5	55.3	54.7	54.6	53.7	55.1	60.0	51.4
„ 26,.....	52.6	51.8	51.7	51.7	49.5	49.0	50.1	51.7	53.0	57.1	58.5	60.5	61.0	60.6	61.2	61.0	58.8	56.5	56.2	56.0	54.4	54.6	54.2	53.9	55.2	61.2	48.3
„ 27,.....	53.5	53.2	52.9	52.8	53.0	52.8	54.0	55.9	57.5	59.7	61.6	64.2	64.0	61.3	62.0	61.3	59.7	59.0	58.6	58.0	58.0	57.9	57.8	57.7	57.8	65.4	52.7
„ 28,.....	57.7	57.7	57.5	57.3	57.4	57.5	57.7	59.8	61.0	63.0	65.0	67.8	66.0	65.0	65.4	68.7	67.0	64.0	63.3	61.0	60.4	59.8	59.6	59.1	61.6	68.7	56.6
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means, ...	58.2	57.9	57.8	57.6	57.5	57.5	57.7	58.9	60.4	62.2	63.2	64.2	64.1	63.9	63.5	62.8	61.9	60.7	60.0	59.6	59.4	59.1	58.8	58.2	60.2	65.5	56.2

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION, FOR THE MONTH OF FEBRUARY, 1911.

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, ...	63.5	64.4	67.5	69.5	69.5	69.6	68.8	68.0	69.4	68.8	68.3	68.4	65.7	65.8	64.6	64.5	63.3	62.8	62.6	62.8	62.8	62.8	62.6	62.4	65.8	118.8
" 2, ...	62.0	62.2	62.2	62.4	62.6	62.5	62.1	61.4	61.8	62.4	63.8	63.3	63.8	63.0	62.8	62.8	61.0	58.8	56.7	56.1	55.5	55.8	54.5	53.5	60.5	112.6
" 3, ...	51.8	49.6	49.0	48.6	47.8	46.6	46.6	48.3	50.3	50.3	51.8	51.6	51.1	52.0	52.0	51.8	50.8	49.5	49.1	48.6	47.6	47.1	48.5	48.0	49.5	110.5
" 4, ...	46.6	46 5	46.7	46.5	45.6	45.7	46.8	47.8	49.0	50.2	50.8	51.8	51.8	50.9	51.4	51.3	51.4	51.5	51.8	52.1	52.5	52.1	52.2	52.1	49.8	107.6
" 5, ...	52.2	52.2	51.8	51.6	51.2	50.6	50.6	51.1	52.1	53.0	53.1	55.6	55.1	54.8	55.2	56.0	54.8	54.6	54.4	54.4	54.0	54.0	53.7	53.3	53.3	110.6
" 6, ...	52.9	52.6	52.7	53.0	53.4	53.8	53.5	53.7	53.6	54.6	53.7	53.8	55.4	54.8	54.8	53.8	54.1	53.7	53.8	54.3	54.3	54 8	54.5	54.6	53.9	106.6
" 7, ...	54.6	54.4	54.1	53.7	53.6	54.2	54.2	54.6	54.8	53.8	52.8	53.5	54.6	54.8	54.8	54.3	54.8	54.1	55.1	55.2	55.4	56.0	56.4	56.4	54.6	113.9
" 8, ...	56.4	56.4	56.4	56.4	56.6	56.8	56.8	57.8	57.8	58.6	58.5	58.1	58.3	57.8	58.6	57.9	58.3	58.3	57.8	58.0	58.5	58.8	57.9	56.9	57.7	113.1
" 9, ...	56.4	56.2	56.4	56.4	56 6	56.8	55.5	56.1	56.6	56.0	57.3	56.8	57.0	57.0	57.4	57.0	57.0	57.0	56.8	56.9	56.6	56.5	56.3	55.3	56.6	112.0
" 10, ...	55.0	54.8	54.5	54.6	55.0	55.3	55.2	55.7	56.9	57.8	57.6	57.5	57.7	57.8	58.0	58.3	58.4	57.9	58.0	58.0	58.3	58.3	58.7	58.4	57.0	113.2
" 11, ...	58.4	58.4	58.4	58.4	58.2	58.3	58.2	58.9	59.1	60.7	60.8	60.8	61.2	61.8	61.8	60.9	61.0	61.4	61.8	61.9	62.0	61.8	60.5	58.5	60.1	115.4
" 12, ...	58.3	58.0	58.2	58.4	59.0	59.0	58.7	59.0	59.4	59.8	59.5	60.3	60.6	60.3	59.8	60.1	61.5	59.8	59.0	59.0	59.0	58.9	59.1	59.3	59.3	124.6
" 13, ...	59.3	59.0	58.8	59.0	59.1	59.0	59.1	58.8	59.8	60.8	59.9	59.8	59.8	59.8	59.8	59.6	59.8	59.2	59.1	59.0	59.4	59.8	60.1	60.3	59.5	98.3
" 14, ...	60.5	59.5	59.5	59.3	59.5	60.3	60.3	59.8	61 4	61.9	63.3	64.8	64.3	64.1	64.8	65.6	63.5	63.2	62.8	62.5	61.6	61.6	60.5	60.9	61.9	125.0
" 15, ...	60.3	59.9	60.0	59.7	59.3	58.0	58.1	58.8	59.8	59.9	60.0	60.3	59.5	59.8	59.6	58.6	60.3	59.8	60.5	60.5	60.4	60.8	60.2	58.2	59.7	121.2
" 16, ...	57.7	57.6	57.6	57.5	57.6	57.8	57.7	57.4	57.5	56.9	57.5	58.2	57.3	56.8	57.1	56.8	56.8	56.3	57 4	57.1	57.0	56.6	55.4	55.5	57.1	115.4
" 17, ...	55.0	55.1	54.8	54.7	54.8	54.9	54.8	55.0	55.6	56.2	56.8	56.2	56.3	56.4	55.7	56.0	55.6	55.1	55.6	55.4	56.0	55.6	55.3	55.2	55.5	120.4
" 18, ...	54.9	54.7	54.3	54.1	53.4	53.3	52.6	53.8	53.8	53.8	54.6	54.8	56.1	55.6	54.9	54.7	54.8	54.6	54.6	54.6	54.6	54.4	54.0	54.5	54.4	120.5
" 19, ...	53.5	53.5	53.5	53.2	52.8	52.2	52.4	52.8	52.8	53.8	55.4	54.8	55.2	54.9	51.7	54.2	51.0	53.3	53.4	53.8	53.8	53.5	53.7	52.9	53.7	115.2
" 20, ...	53.0	52.7	51.7	50.8	50.4	49.0	50.4	52.0	53.2	53.0	53.2	52.6	52.8	52.3	51.8	53.0	52.7	52.5	52.9	52.6	52.8	53.6	54.1	53.5	52.4	109.0
" 21, ...	53.3	53.6	53.9	53.7	53.8	53.9	53.8	54.2	54.8	55.5	56.0	58.0	57.6	57.8	59.1	57.1	56.8	56.4	55.8	55.5	55.7	55.1	55.5	55.4	55.5	107.4
" 22, ...	55.2	55.3	54.5	53.8	54.9	55.0	55.2	55.6	55.3	57.6	57.6	57.1	56.6	56.8	55.6	54.4	54.8	55.0	53.5	53.4	53.5	53.8	53.6	53.0	55.0	114.5
" 23, ...	53.2	53.0	52.6	50 5	49.9	48.8	48.6	51.3	49.8	51.6	53.3	52.5	53.3	52.8	53.0	52.2	51.1	51.4	50.0	48.9	48.1	46.6	45.6	45.9	50.6	115.1
" 24, ...	45.9	45.5	44.2	43.5	42.6	42.3	42.8	45.6	48.2	47.8	48.5	49.1	50.1	51.3	50.4	48.6	49.2	48.0	46.8	46.4	46.6	47.1	46.6	47.5	46.9	120.4
" 25, ...	47.2	47.4	46.6	46.4	46.8	46.9	45.6	46.6	47.3	49.0	49.0	49.4	51.0	51.0	51.2	51.3	49.6	49.3	48.5	48.2	48.2	47.6	46.7	47.2	48.2	88.6
" 26, ...	45.5	45.3	45.5	45.3	44.9	44.0	44.9	45.8	46.0	48.8	49.3	50.3	50.8	50.6	50.8	51.3	50.6	49 5	49.8	50.3	50.4	50.4	50.6	50.6	48.4	107.3
" 27, ...	50.6	50.6	50.3	50.1	50.1	50.1	50.5	50.6	53 0	53.8	56 0	55.8	56.1	54.1	54.6	54.0	53.8	54.2	54.8	54.8	54.8	54.6	54.9	54.9	53.2	117.8
" 28, ...	54.5	54.1	53.7	53.2	52.8	53.0	52.8	53.6	54.5	55.4	55.4	57.3	57.0	57.1	57.8	58.8	58.8	56.8	57.2	56.8	56.8	56.4	56.5	56.3	55.7	113.8
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means, ...	54.6	54.4	54.3	54.1	54.0	53.8	53.8	54.4	55.1	55.8	56.2	56.5	56.6	56.5	56.5	56.2	56.0	55.5	55.3	55.3	55.2	55.2	54.9	54.7	55.2	113.2

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR, FOR THE MONTH OF FEBRUARY, 1911.

Hours.	Hourly Means. Humidity.	Hourly Means. Tension.	Date.	Daily Means. Humidity.	Daily Means. Tension.
			1911.		
1 a.	78	0.385	Feb. 1,.....	90	0.610
2 „	78	.383	„ 2,.....	82	.485
3 „	78	.382	„ 3,.....	58	.265
4 „	78	.379	„ 4,.....	64	.284
5 „	78	.377	„ 5,.....	70	.342
6 „	76	.370	„ 6,.....	73	.359
7 „	76	.369	„ 7,.....	71	.362
8 „	73	.370	„ 8,.....	75	.420
9 „	69	.370	„ 9,.....	69	.386
10 „	64	.367	„ 10,.....	70	.395
11 „	62	.365	„ 11,.....	76	.462
Noon.	59	.361	„ 12,.....	75	.446
1 p.	60	.366	„ 13,.....	85	.474
2 „	61	.366	„ 14,.....	79	.502
3 „	62	.370	„ 15,.....	72	.446
4 „	64	.371	„ 16,.....	78	.419
5 „	67	.377	„ 17,.....	73	.381
6 „	70	.378	„ 18,.....	72	.363
7 „	72	.381	„ 19,.....	72	.353
8 „	74	.387	„ 20,.....	67	.323
9 „	75	.386	„ 21,.....	72	.377
10 „	77	.391	„ 22,.....	72	.372
11 „	77	.387	„ 23,.....	54	.265
Midt.	79	.388	„ 24,.....	54	.228
			„ 25,.....	57	.248
			„ 26,.....	57	.252
			„ 27,.....	72	.346
			„ 28,.....	67	.367
Mean, ...	71	0.376	Mean, ...	71	0.376

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.
1911.														
Feb. 1,.....	...	...	0.1	0.2	0.3	0.3	1.0	1.0	1.0	0.8	0.8	...	...	5.5
„ 2,.....	...	...	...	...	0.1	0.7	1.0	0.9	0.9	0.7	...	...	...	4.3
„ 3,.....	...	0.4	1.0	0.7	0.1	...	...	0.4	1.0	1.0	1.0	0.7	...	6.3
„ 4,.....	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	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	0.6	...	10.1
„ 6, ...	...	...	0.2	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	...	8.6
„ 7,.....	...	...	0.5	0.8	0.9	1.0	1.0	0.8	0.5	...	...	...	...	5.5
„ 8,.....	...	...	0.3	0.4	0.2	0.3	1.0	1.0	1.0	1.0	1.0	0.7	...	6.9
„ 9,.....	...	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	...	9.7
„ 10,.....	...	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	...	9.9
„ 11,.....	...	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	...	10.0
„ 12,.....	...	...	...	0.5	0.7	0.7	1.0	1.0	1.0	1.0	0.9	...	...	6.8
„ 13,.....	...	...	...	...	0.1	...	...	...	...	...	0.2	...	...	0.3
„ 14,.....	...	0.2	0.9	0.8	0.8	0.5	0.1	1.0	0.1	0.8	1.0	0.7	...	6.9
„ 15,.....	...	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	...	10.4
„ 16,.....	...	...	...	...	0.3	0.6	0.2	0.3	0.8	1.0	0.2	...	...	3.4
„ 17,.....	...	...	...	0.3	0.9	1.0	1.0	1.0	0.7	...	0.2	0.2	...	5.3
„ 18,.....	...	...	0.2	0.6	0.2	...	0.8	1.0	1.0	0.6	0.1	...	...	4.5
„ 19,.....	...	...	...	...	0.9	1.0	0.2	0.6	0.7	0.3	...	...	...	3.7
„ 20,.....	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	...	10.3
„ 21,.....	...	0.3	0.6	0.4	...	...	...	...	0.5	1.0	1.0	0.5	...	4.3
„ 22,.....	...	0.2	0.3	0.7	1.0	0.8	...	...	...	...	...	...	...	3.0
„ 23,.....	...	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	...	10.3
„ 24,.....	...	0.6	1.0	1.0	1.0	1.0	1.0	0.9	0.4	0.1	...	...	...	7.0
„ 25,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 26,.....	...	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	...	10.5
„ 27,.....	...	...	0.7	0.5	0.7	0.4	1.0	0.8	0.8	0.3	0.2	0.6	...	6.0
„ 28,.....	...	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	...	10.6
„													..	
„													...	
„													...	
Sums,.....	...	6.5	15.8	17.7	19.2	19.3	20.3	21.7	21.4	19.6	17.4	11.0	...	189.9

TABLE VI.

RAINFALL FOR THE MONTH OF FEBRUARY, 1911.

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,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 9,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 10,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 11,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 12,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 13,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 14,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 15,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 16,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 17,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 18,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 19,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 20,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 21,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 22,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 23,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 24,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 25,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 26,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 27,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 28,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.000	0

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND, FOR THE MONTH OF FEBRUARY, 1911.

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,	7	12	7	7	18	12	18	16	17	16	19	17	25	6	28	5	28	6	28	8	27	7	26	7	26	8	25	7	25	6	23	2	23	6	23	3	23	6	19	2	...	1	27	5	24	5	27	5	175	7.3	23
" 2,	22	5	24	8	24	4	23	5	...	0	23	2	8	7	9	6	8	3	11	2	23	4	23	5	10	9	9	10	18	4	20	2	9	11	8	10	2	11	3	11	3	9	2	6	32	6	32	8	148	6.2	5
" 3,	1	14	32	8	1	9	2	12	32	13	1	13	2	13	1	9	1	8	31	10	31	10	1	9	2	8	2	9	2	11	1	12	1	9	2	10	2	12	1	14	2	8	2	2	3	3	1	3	229	9.5	1
" 4,	1	8	1	13	32	10	1	17	1	15	1	13	3	5	3	5	4	5	4	7	8	11	8	15	10	16	11	16	10	17	9	16	9	13	8	11	7	13	7	12	6	12	7	17	6	12	5	9	288	12.0	6
" 5,	4	6	7	9	7	15	7	17	7	15	6	15	7	15	6	13	8	14	9	16	10	13	10	10	10	11	9	9	9	5	24	3	2	3	4	2	...	0	10	3	10	8	9	9	7	10	6	13	234	9.7	8
" 6,	5	10	6	10	8	13	7	15	8	19	7	18	8	27	8	26	8	18	8	17	9	23	10	27	10	28	9	21	6	18	7	21	7	16	8	16	7	19	6	12	6	10	7	11	6	9	8	8	412	17.2	8
" 7,	8	9	7	13	9	14	8	12	9	8	9	9	6	7	6	9	6	13	8	20	8	23	8	28	6	27	7	20	8	22	8	21	8	16	8	14	8	14	7	12	8	11	8	11	7	13	8	12	358	14.9	8
" 8,	6	9	9	10	9	7	9	5	30	2	30	2	30	6	8	7	10	11	8	10	8	14	8	23	8	25	8	22	9	20	9	25	9	22	9	24	8	20	7	21	7	26	7	30	7	36	8	39	416	17.3	8
" 9,	8	38	8	40	8	28	8	26	10	23	9	27	8	32	8	34	8	37	8	40	8	34	7	31	8	33	8	33	9	39	8	42	7	41	7	39	7	30	7	29	7	30	7	30	7	29	7	29	794	33.1	8
" 10,	7	32	7	35	7	36	7	34	8	35	7	37	7	32	7	20	6	20	8	19	9	23	8	23	9	25	10	22	10	26	9	26	7	19	8	23	6	21	6	18	7	16	8	21	7	24	8	26	613	25.5	8
" 11,	7	25	7	20	7	15	8	16	7	17	7	19	8	20	7	19	8	21	8	16	8	20	8	22	8	23	9	22	9	22	10	24	6	16	6	16	7	12	6	15	5	20	6	22	7	23	8	31	476	19.8	7
" 12,	7	29	8	33	8	36	8	31	7	31	6	30	6	27	6	26	6	24	6	26	7	23	8	22	10	20	11	17	10	17	10	19	9	21	9	20	10	14	10	15	7	15	7	13	8	11	11	14	534	22.3	8
" 13,	10	15	10	14	8	17	10	16	9	14	9	18	9	19	8	16	9	17	9	16	10	22	10	16	11	15	10	16	11	16	9	15	9	14	10	17	11	16	9	11	11	10	9	8	...	1	9	4	343	14.3	10
" 14,	9	4	9	15	8	14	9	14	12	7	10	8	10	14	10	14	9	15	10	13	10	10	10	5	24	8	25	9	23	5	23	3	23	3	29	4	...	0	.	0	...	0	...	0	...	1	5	2	168	7.0	10
" 15,	...	1	...	1	1	3	...	1	1	10	1	12	4	10	...	1	8	3	10	6	10	7	10	12	9	30	7	30	8	28	8	23	9	19	8	13	11	8	12	8	10	8	8	8	11	9	7	11	262	10.9	8
" 16,	10	15	8	20	9	20	8	20	8	16	9	14	10	11	10	29	8	12	6	14	8	19	9	19	10	21	10	17	10	23	9	24	8	17	7	17	8	20	7	23	7	27	7	28	7	34	7	37	486	20.2	8
" 17,	7	33	7	39	7	32	6	18	6	13	8	11	5	5	6	10	6	10	8	14	10	17	11	14	10	16	9	17	9	16	9	20	11	19	8	16	7	18	7	16	7	20	7	28	7	25	7	29	456	19.0	8
" 18,	7	28	7	28	7	29	7	23	7	24	8	21	7	20	8	20	8	17	9	16	10	16	10	15	11	12	11	15	10	15	10	15	9	15	8	16	7	18	7	22	7	25	7	22	7	26	7	27	490	20.4	8
" 19,	7	29	7	31	7	30	6	22	7	24	7	24	7	23	8	19	4	12	6	14	9	13	31	6	8	6	9	8	10	9	10	16	11	15	8	14	7	19	7	23	7	22	7	25	7	24	7	30	458	19.1	7
" 20,	7	28	8	27	7	31	6	20	6	15	5	9	5	7	7	6	32	3	6	10	5	13	9	19	11	23	11	17	11	21	9	19	8	18	8	20	8	19	7	17	6	10	6	9	8	14	8	20	395	16.5	8
" 21,	8	15	9	20	9	16	7	18	7	13	8	12	9	14	8	9	9	9	9	12	10	11	11	5	24	5	24	5	10	9	9	15	9	9	9	14	9	14	8	13	8	15	10	9	9	12	7	11	285	11.9	9
" 22,	9	10	7	15	8	20	7	13	7	10	3	3	7	10	9	16	8	19	7	15	8	17	10	16	9	16	28	12	28	14	28	17	29	7	30	8	2	3	32	10	32	7	3	3	2	4	2	2	267	11.1	6
" 23,	2	7	1	2	31	6	32	7	32	2	32	2	32	2	32	7	28	3	32	7	27	5	28	10	30	11	31	9	30	15	32	17	32	11	2	11	4	9	1	10	1	13	3	15	4	12	2	14	207	8.6	32
" 24,	2	18	2	16	1	18	1	15	2	8	1	12	1	10	32	9	1	9	32	6	1	9	1	9	32	10	32	7	2	9	2	9	1	10	32	14	32	14	32	9	3	10	1	6	1	9	2	4	250	10.4	1
" 25,	1	4	32	7	32	6	2	4	32	9	1	7	1	7	1	4	2	8	32	9	32	6	24	3	25	6	24	8	32	9	30	8	32	11	32	10	31	10	31	3	3	7	31	6	2	6	31	4	162	6.7	32
" 26,	1	7	1	4	3	8	2	9	1	11	2	11	2	4	32	7	26	4	25	7	23	8	22	7	23	12	24	10	26	9	25	8	24	6	25	3	25	3	...	1	...	0	...	0	...	1	...	0	140	5.8	28
" 27,	...	0	...	0	16	2	9	6	7	6	7	2	7	3	...	0	10	10	10	8	10	7	10	6	9	7	9	13	8	16	3	11	8	9	7	8	7	5	7	7	8	4	13	2	11	10	9	9	151	6.3	9
" 28,	11	10	11	9	11	11	10	14	10	14	11	13	10	15	9	15	9	14	8	14	8	12	10	8	8	9	8	10	6	8	29	5	29	4	29	7	27	4	28	3	28	5	...	1	..	0	...	0	205	8.5	9
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	...	421	...	454	...	462	...	431	...	390	..	381	...	371	...	352	...	345	...	372	...	397	...	392	...	440	...	411	...	429	...	438	...	380	...	380	...	352	...	340	...	349	...	345	...	369	...	401	9402	391.7	...
Means,	...	15.0	...	16.2	...	16.5	...	15.4	...	13.9	...	13.6	...	13.2	...	12.6	...	12.3	...	13.3	...	14.2	...	14.0	...	15.7	...	14.7	...	15.3	...	15.6	...	13.6	...	13.6	...	12.6	...	12.1	...	12.5	...	12.3	...	13.2	...	14.3	335.8	14.0	...

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
1911.												
Feb. 1, ...	8	cum.	S	9	cum.	SSW	10	cum-nim.	SW	10	cum-nim.	SW
„ 2, ...	10	cum.	SW	10	cum.	SW	10	cum.	SSW	10	cum-nim.	SW
„ 3, ...	10	cum.	...	8	cum.	...	6	c-str. / sm-cum.	W	10	str-cum.	SW
„ 4, ...	0	...	...	3	cum.	...	2	sm-cum.	...	0	...	...
„ 5, ...	2	cum.	...	1	cum.	...	1	cum.	...	2	sm-cum.	W
„ 6, ...	0	...	...	4	sm-cum.	W	10	sm-cum. / cum.	W / E	4	sm-cum. / cum.	W / E
„ 7, ...	10	sm-cum.	W	10	sm-cum.	W	9	sm-cum. / cum.	W / SE	6	sm-cum. / cum.	W / SE
„ 8, ...	10	sm-cum.	W	6	cum.	ESE	10	cum.	SE	9	sm-cum. / cum.	WSW / SE
„ 9, ...	2	cum.	ESE	0	...	...	4	cum.	SE	0	...	...
„ 10, ...	0	...	...	0	...	...	4	c-str. / cum.	E	3	c-str. / cum.	E
„ 11, ...	0	...	...	1	sm-cum.	...	1	cum.	E	0	...	...
„ 12, ...	2	cum.	E	8	cum.	E	10	cum.	E	7	cum.	E
„ 13, ...	10	sm-cum. / cum.	SW / E	10	cum.	E	9	sm-cum. / cum.	E	10	sm-cum. / cum.	E
„ 14, ...	5	cum.	SE	8	sm-cum.	SW	9	sm-cum.	WSW	7	sm-cum.	WSW
„ 15, ...	1	c-str.	...	0	...	...	0	...	...	0	...	...
„ 16, ...	2	cum.	E	5	cum.	ESE	10	cum-nim.	E	10	cum.	E
„ 17, ...	10	cum.	E	10	cum.	E	10	cum.	E	8	sm-cum. / cum.	WSW / E
„ 18, ...	9	sm-cum.	WSW	10	cum.	ENE	10	cum.	E	10	sm-cum. / cum.	SW / E
„ 19, ...	10	cum.	E	10	cum.	E	10	cum.	E	10	cum.	E
„ 20, ...	10	cum.	E	10	cum.	E	0	...	...	1	cum.	E
„ 21, ...	4	cum.	E	10	cum.	E	8	sm-cum. / cum.	W / E	10	str-cum.	SE
„ 22, ...	3	cum.	E	3	cum.	E	6	sm-cum. / cum.	W / E	2	sm-cum.	W
„ 23, ...	10	cum.	E	10	sm-cum. / cum.	E	1	cum.	...	0	...	...
„ 24, ...	0	...	...	0	...	...	2	c-str. / cum.	...	2	c-cum.	...
„ 25, ...	10	cum.	E	10	sm-cum. / cum.	E	10	sm-cum.	W	10	str-cum.	W
„ 26, ...	10	cum.	E	10	cum.	E	0	...	...	0	...	...
„ 27, ...	0	...	...	0	...	...	3	sm-cum. / cum.	WSW / SE	9	sm-cum. / cum.	SW / SSE
„ 28, ...	0	...	...	0	...	...	2	sm-cum.	...	5	sm-cum.	SW
...	...	..	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...
Means,...	5.3	...	...	5.9	...	...	6 0	...	...	5.5	...	...

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	
1911.													
Feb. 1,...	7	cum.	SW	7	cum.	SW	8	cum.	SW	10	cum.	SW	8.6
„ 2,...	7	cum.	NW	10	cum.	NNW	10	cum.	...	9	cum.	...	9.5
„ 3,...	7	sm-cum.	W	0	...	...	0	...	...	1	cum.	...	5.2
„ 4,...	1	cum.	...	0	...	...	0	...	...	0	...	...	0.8
„ 5,...	0	...	...	0	...	...	0	...	...	0	...	...	0.7
„ 6,...	1	cum.	E	0	...	...	7	sm-cum.	W	8	sm-cum.	W	4.3
„ 7,...	1	cum.	...	10	sm-cum.	W	10	sm-cum.	W	8	sm-cum.	W	8.0
„ 8,...	1	sm-cum.	...	0	...	...	0	...	...	1	cum.	...	4.6
„ 9,...	0	...	...	0	...	...	1	cum.	...	1	cum.	...	1.0
„ 10,...	1	c-str.	...	3	c-str.	WSW	0	...	...	0	...	...	1.4
„ 11,...	0	...	...	0	...	...	0	...	...	1	cum.	...	0.4
„ 12,...	2	cum.	E	2	sm-cum.	...	9	sm-cum. / cum.	SSW / E	7	sm-cum.	SSW	5.9
„ 13,...	10	sm-cum. / cum.	E	10	cum.	E	8	sm-cum.	SW	3	sm-cum. / cum.	SW / E	8.7
„ 14,...	9	sm-cum. / cum.	W / ..	4	sm-cum. / cum.	WSW	1	cum.	...	1	cum.	...	5.5
„ 15,...	2	cum.	...	1	cum.	...	1	cum.	...	7	cum.	E	1.5
„ 16,...	9	sm-cum. / cum.	SW / E	8	sm-cum. / cum.	SW / E	10	nim.	E	10	cum.	E	8.0
„ 17,...	6	sm-cum. / cum.	WSW / NNE	9	sm-cum. / cum.	WSW / NNE	4	cum.	...	10	cum.	...	8.4
„ 18,...	7	sm-cum. / cum.	WSW / E	8	sm-cum. / cum.	WSW / NNE	10	cum.	...	10	cum.	...	9.3
„ 19,...	9	cum.	ENE	10	cum.	NE	2	cum.	...	10	cum.	...	8.9
„ 20,...	1	c-str.	...	0	...	...	0	...	...	1	cum.	...	2.9
„ 21,...	10	cum.	ESE	4	sm-cum.	W	0	...	...	3	cum.	...	6.1
„ 22,...	10	str-cum.	E	10	str-cum.	...	7	cum.	E	10	cum.	E	6.4
„ 23,...	0	...	...	0	...	...	0	...	...	0	...	...	2.6
„ 24,...	5	sm-cum.	W	10	sm-cum.	W	2	sm-cum.	...	4	c-cum.	...	3.1
„ 25,...	9	sm-cum. / cum.	WNW / E	10	str-cum.	...	10	str-cum.	WNW	9	cum.	...	9.7
„ 26,...	1	cum.	...	0	...	...	0	...	...	0	...	...	2.6
„ 27,...	9	sm-cum. / cum.	SW / SE	10	sm-cum.	SW	1	sm-cum.	...	1	sm-cum.	...	4.1
„ 28,...	1	cum.	...	1	cum.	...	0	...	...	0	...	...	1.1
...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,...	4.5	...	...	4.5	...	...	3.6	...	...	4.5	...	...	5.0

TABLE IX.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR THE MONTH OF FEBRUARY, 1911.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N −S	+E −W	
1 a.	3.9	12.8	0.8	0.2	+ 3.1	+12.6	E 14° N
2 „	3.3	14.2	0.7	0.3	2.6	13.9	E 11° N
3 „	3.4	13.9	1.1	0.4	2.4	13.5	E 10° N
4 „	3.9	12.6	1.1	0.4	2.8	12.2	E 13° N
5 „	3.9	10.9	1.4	0.1	2.4	10.8	E 13° N
6 „	4.1	10.5	1.4	0.4	2.7	10.1	E 15° N
7 „	3.3	11.4	0.8	0.3	2.5	11.1	E 13° N
8 „	2.7	10.8	0.7	0.1	2.0	10.7	E 10° N
9 „	2.6	10.6	0.7	0.4	1.9	10.3	E 11° N
10 „	2.5	11.3	0.8	0.5	+ 1.7	10.7	E 9° N
11 „	1.5	12.1	1.9	0.9	− 0.4	11.2	E 2° S
Noon.	1.4	11.7	2.4	1.0	1.0	10.7	E 5° S
1 p.	1.5	12.6	3.2	1.5	1.8	11.1	E 9° S
2 „	1.6	11.5	2.7	1.7	1.1	9.7	E 6° S
3 „	2.3	12.0	3.2	1.3	− 0.9	10.6	E 5° S
4 „	2.4	12.6	2.2	1.2	+ 0.1	11.3	E 1° N
5 „	2.6	11.0	1.6	0.7	1.0	10.2	E 6° N
6 „	2.9	11.2	0.7	0.5	2.1	10.7	E 11° N
7 „	3.3	10.3	0.8	0.5	2.5	9.8	E 15° N
8 „	3.9	10.0	0.6	0.1	3.2	9.9	E 18° N
9 „	4.0	10.6	0.4	0.1	3.5	10.5	E 19° N
10 „	3.1	11.0	0.3	0.2	2.8	10.8	E 14° N
11 „	3.3	11.7	0.5	0.2	2.8	11.5	E 14° N
Midt.	2.9	12.9	0.4	0.2	+ 2.5	+12.7	E 11° N
Means,.....	2.9	11.7	1.3	0.6	+1.65	+11.11	E 8° N

PHENOMENA :—

Slight fog :—on the 1st, 2nd, 8th and 14th.

TABLE I.

BAROMETRIC PRESSURE, FOR THE MONTH OF MARCH, 1911.

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,...	29.989	29.985	29.977	29.969	29.975	29.999	30.033	30.043	30.063	30.069	30.051	30.027	30.001	29.979	29.967	29.969	29.971	29.979	29.989	30.023	30.035	30.049	30.051	30.047	30.010
„ 2,...	30.041	30.015	30.013	.989	30.007	30.022	.035	.045	.049	.065	.057	.037	.012	.987	.965	.961	.953	.959	.965	29.985	29.989	29.995	29.995	29.987	.005
„ 3,...	29.979	29.953	29.937	.931	29.937	29.945	29.959	29.974	29.999	29.999	29.987	29.976	29.946	.906	.884	.872	.872	.880	.888	.904	.910	.906	.908	.893	29.931
„ 4,...	.876	.852	.834	.826	.833	.830	.852	.870	.886	.890	.871	.852	.822	.788	.774	.768	.769	.772	.780	.800	.816	.814	.834	.820	.826
„ 5,...	.793	.766	.746	.726	.726	.750	.784	.804	.829	.820	.838	.806	.782	.746	.704	.688	.697	.701	.720	.736	.758	.778	.776	.776	.760
„ 6,...	.778	.771	.758	.752	.752	.778	.796	.814	.834	.843	.834	.808	.786	.763	.744	.736	.748	.764	.772	.786	.810	.820	.825	.826	.787
„ 7,...	.820	.811	.802	.802	.812	.818	.842	.861	.880	.894	.888	.877	.841	.823	.801	.805	.805	.816	.835	.861	.865	.869	.873	.879	.841
„ 8,...	.867	.847	.833	.823	.821	.835	.853	.859	.873	.880	.870	.841	.823	.789	.777	.775	.782	.791	.807	.831	.843	.851	.845	.851	.832
„ 9,...	.826	.811	.793	.785	.789	.807	.828	.857	.871	.863	.850	.834	.808	.776	.762	.757	.750	.750	.760	.778	.802	.797	.792	.802	.802
„ 10,...	.768	.746	.713	.680	.701	.732	.754	.792	.798	.795	.793	.774	.757	.736	.718	.710	.720	.732	.754	.782	.802	.822	.828	.827	.760
„ 11,...	.822	.820	.824	.822	.834	.854	.870	.888	.906	.904	.908	.907	.871	.847	.833	.821	.842	.859	.877	.904	.919	.917	.929	.925	.871
„ 12,...	.909	.905	.877	.885	.887	.895	.910	.915	.931	.948	.951	.927	.891	.861	.859	.850	.846	.851	.855	.877	.903	.912	.917	.909	.895
„ 13,...	.897	.876	.861	.843	.843	.847	.871	.891	.899	.906	.901	.867	.835	.806	.772	.775	.781	.781	.793	.815	.827	.829	.829	.823	.840
„ 14,...	.815	.801	.785	.769	.765	.785	.811	.825	.845	.845	.843	.821	.797	.763	.733	.721	.722	.725	.731	.752	.768	.767	.769	.770	.780
„ 15,...	.759	.745	.731	.725	.729	.739	.759	.773	.792	.797	.783	.760	.736	.714	.684	.678	.680	.680	.708	.715	.727	.736	.746	.739	.735
„ 16,...	.728	.716	.713	.702	.686	.710	.736	.748	.770	.775	.770	.752	.724	.700	.682	.682	.690	.690	.698	.714	.725	.730	.737	.744	.722
„ 17,...	.734	.725	.710	.704	.719	.744	.772	.790	.804	.817	.820	.805	.767	.760	.763	.777	.791	.811	.819	860	.883	.885	.895	.921	.795
„ 18,...	.907	.885	.881	.871	.887	.911	.927	.949	.962	.961	.963	.943	.905	.881	.850	.849	.871	.897	.915	.937	.955	.959	.989	.997	.919
„ 19,...	.997	.981	.959	.949	.962	.957	.997	30.015	30.033	30.043	30.029	30.010	.982	.950	.928	.924	.912	.916	.928	.948	.948	.968	.936	.950	.968
„ 20,...	.928	.936	.927	.904	.912	.909	.912	29.936	29.946	29.950	29.928	29.918	.868	.840	.810	.808	.795	.824	.792	.806	.822	.854	.834	.848	.875
„ 21,...	.808	.788	.784	.780	.796	.808	.828	.838	.862	.872	.861	.847	.819	.801	.787	.791	.793	.799	.817	.839	.861	.871	.865	.861	.824
„ 22,...	.839	.836	.833	.847	.851	.875	.902	.919	.935	.941	.942	.923	.907	.921	.873	.881	.891	.919	.927	.953	.967	.981	.977	.961	.908
„ 23,...	.956	.930	.915	.910	.941	.955	.983	30.011	30.033	30.045	30.049	30.039	30.029	30.015	30.005	.999	30.011	30.021	30.040	30.053	30.073	30.077	30.072	30.069	30.010
„ 24,...	30.057	30.047	30.037	30.029	30.031	30.051	30.071	.093	.119	.099	.077	.076	.051	.033	.025	30.031	.056	.075	.084	.079	.069	.065	.073	.067	.062
„ 25,...	.059	.047	.026	.011	.021	.033	.055	.073	.101	.107	.105	.089	.068	.041	.035	.029	.033	.051	.077	.089	.110	.107	.101	.089	.065
„ 26,...	.069	.055	.049	.037	.037	.065	.101	.107	.138	.148	.129	.105	.051	.031	.005	.015	.041	.051	.045	.055	.069	.096	.099	.093	.070
„ 27,...	.091	.069	.047	.047	.051	.075	.083	.102	.119	.118	.119	.087	.070	.044	.028	.017	.028	.036	.052	.072	.098	.106	.100	.095	.073
„ 28,...	.082	.064	.036	.028	.032	.060	.078	.094	.103	.116	.099	.078	.056	.012	29.990	29.992	.002	29.998	.000	.017	.040	.044	.048	.040	.046
„ 29,...	.032	.006	29.992	29.986	29.992	.014	.028	.050	.052	.050	.040	.032	.012	29.988	.962	.960	29.966	.980	29.990	.008	.019	.034	.024	.016	.010
„ 30,...	.000	29.978	.962	.954	.946	29.964	29.988	.002	29.998	.004	.006	29.992	29.972	.948	.941	.934	.929	.934	.942	29.952	29.972	29.978	29.980	29.966	29.968
„ 31,...	29.950	.927	.912	.908	.904	.922	.936	29.950	.960	29.968	29.968	.950	.922	.894	.873	.870	.888	.890	.904	.932	.950	.960	.952	.948	.927
Means,.....	29.909	29.893	29.880	29.871	29.877	29.893	29.915	29.932	29.948	29.953	29.946	29.928	29.900	29.876	29.856	29.853	29.859	29.869	29.879	29.899	29.914	29.922	29.923	29.921	29.901

TABLE II.

TEMPERATURE, FOR THE MONTH OF MARCH, 1911.

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,	58.7	5.84	59.1	59.6	60.4	61.8	63.7	66.1	67.7	69.0	71.6	74.6	73.3	74.0	73.2	72.1	70.9	66.3	64.1	62.0	63.2	63.0	62.3	61.6	65.7	74.8	58.2
" 2,	60.7	60.6	60.0	58.8	59.0	58.6	59.3	61.1	62.8	65.6	67.6	68.0	67.4	67.1	66.3	64.8	64.3	62.9	62.5	62.2	61.1	60.7	59.7	59.7	62.5	68.5	58.1
" 3,	59.2	59.2	59.0	58.8	58.8	59.0	58.9	60.6	61.8	62.8	63.5	64.8	65.0	64.0	65.2	65.5	63.7	63.3	63.7	63.8	63.2	63.0	62.8	62.7	62.2	65.6	58.1
" 4,	62.2	62.1	61.9	61.8	62.0	62.0	62.3	62.0	62.8	63.6	65.7	66.0	65.0	66.2	66.3	66.8	66.3	66.0	65.2	65.1	65.7	65.8	65.7	65.8	64.3	67.0	61.5
" 5,	65.7	65.3	64.8	64.7	65.0	66.6	66.5	67.8	69.2	73.7	74.0	75.8	74.0	73.3	72.5	72.0	70.0	69.2	69.0	69.2	70.4	68.6	69.2	69.5	69.4	76.5	64.2
" 6,	69.8	69.3	70.3	70.0	70.1	69.1	69.1	70.7	71.2	73.1	73.2	74.5	77.6	78.0	75.0	76.8	72.8	70.0	68.6	67.7	68.0	67.2	66.9	66.6	71.1	78.4	66.6
" 7,	67.2	66.5	66.5	67.2	66.5	67.0	62.9	62.2	62.0	61.8	62.0	61.8	61.9	61.8	61.0	60.5	61.5	61.4	61.8	62.0	62.0	61.8	62.1	62.4	63.1	67.2	60.4
" 8,	62.4	62.3	62.4	62.4	62.2	62.7	62.7	63.3	63.5	64.9	65.0	66.3	67.0	67.2	66.7	66.0	66.2	66.0	65.3	65.7	65.7	66.0	65.7	65.5	64.7	67.2	61.7
" 9,	65.5	65.3	65.1	64.7	64.7	64.6	65.0	65.6	67.4	67.7	68.4	70.5	72.8	72.5	72.5	74.0	73.8	71.6	71.3	70.8	70.7	70.7	70.5	70.7	69.0	74.0	64.1
" 10,	70.4	69.9	69.7	70.3	70.8	70.2	70.5	70.0	68.3	71.6	69.5	71.0	72.0	71.7	70.8	70.0	69.6	70.0	69.3	68.3	68.4	68.0	67.6	68.1	69.8	72.1	67.0
" 11,	67.4	66.5	66.4	66.1	65.0	64.5	64.5	64.6	65.7	66.1	66.0	64.6	65.0	64.0	64.0	62.4	62.0	61.0	60.8	60.2	60.6	60.2	60.7	60.8	63.7	68.0	59.9
" 12,	61.0	60.8	60.7	60.8	61.0	61.0	61.1	61.4	62.0	62.3	63.2	64.5	65.9	66.8	67.0	67.0	66.6	66.7	66.5	65.6	65.7	66.8	66.7	66.9	64.1	67.1	59.9
" 13,	66.7	66.7	66.8	67.1	66.8	67.0	67.0	67.6	67.8	68.7	68.8	69.6	68.8	68.7	68.5	69.0	68.1	67.7	68.1	68.0	69.0	68.4	68.5	67.8	68.0	70.0	66.1
" 14,	67.6	67.7	67.4	67.8	69.5	68.7	68.9	69.0	69.8	71.8	74.7	75.0	76.3	76.1	76.3	75.7	75.5	74.6	74.4	74.4	74.4	74.4	74.6	74.3	72.5	76.4	67.0
" 15,	74.2	74.3	74.6	74.4	73.0	73.1	72.9	74.0	75.8	76.0	77.3	78.6	77.8	77.6	77.4	76.2	75.7	74.4	74.3	74.0	74.5	74.2	72.7	74.1	75.0	78.7	72.5
" 16,	73.8	73.6	73.2	73.1	72.8	72.1	73.1	75.0	75.7	76.0	76.8	77.5	78.0	78.3	77.8	76.4	76.1	75.2	75.0	75.2	75.1	74.8	74.7	72.7	75.1	79.1	72.0
" 17,	72.6	72.7	72.7	72.8	68.9	66.0	65.5	66.0	67.4	67.0	66.6	64.8	65.0	64.1	62.6	62.7	62.4	61.0	60.4	60.3	59.0	59.0	57.9	56.9	64.8	73.6	56.9
" 18,	56.3	56.3	56.5	56.4	56.8	54.2	55.0	57.5	59.5	64.0	64.2	67.0	65.7	66.2	66.0	64.6	63.5	62.0	61.6	60.8	59.8	61.2	60.7	60.7	60.7	67.0	54.2
" 19,	60.4	60.3	60.7	60.5	60.6	61.0	60.1	59.8	59.8	59.8	60.7	60.6	60.3	59.6	60.0	60.0	60.0	60.2	60.8	61.0	61.0	61.0	60.4	59.7	60.3	61.3	58.7
" 20,	58.5	57.9	57.5	57.1	56.6	56.7	57.5	57.8	58.2	58.6	59.0	58.7	59.8	59.7	60.0	60.6	60.6	60.1	60.0	60.0	60.6	60.8	60.6	60.9	59.1	60.9	56.2
" 21,	60.6	60.7	61.0	61.2	61.8	61.5	63.0	62.8	63.7	64.9	64.8	65.1	65.7	66.0	65.8	64.7	64.8	63.9	64.0	64.1	64.2	64.5	64.8	64.4	63.7	66.7	60.1
" 22,	64.1	64.2	64.4	64.8	65.4	65.8	65.7	65.7	65.6	66.4	65.1	65.4	65.8	64.0	64.5	63.7	63.5	63.2	63.7	63.7	63.2	63.2	63.7	63.4	64.5	66.5	62.8
" 23,	63.2	62.9	62.8	62.4	62.0	61.6	61.8	62.7	63.8	64.4	64.4	64.0	64.2	64.6	63.6	62.6	62.5	62.5	61.8	61.8	61.6	61.1	60.8	60.1	62.6	64.6	59.7
" 24,	59.9	59.7	59.7	59.7	60.0	59.8	59.2	60.0	60.0	61.3	61.3	61.0	61.8	61.6	61.5	59.7	59.6	58.2	58.0	58.7	59.8	59.7	59.7	60.0	60.0	61.8	57.5
" 25,	59.7	59.3	58.7	58.2	58.0	58.0	58.3	58.3	58.3	59.2	59.2	59.5	62.6	62.6	61.6	60.7	60.0	59.6	59.5	59.4	59.4	59.7	59.7	59.9	59.6	62.6	57.6
" 26,	60.0	60.0	59.9	59.9	60.1	60.5	60.5	60.2	60.6	61.7	61.6	61.5	61.6	62.0	62.5	62.1	61.7	61.3	61.4	61.5	61.7	61.5	61.4	61.1	61.1	62.6	59.2
" 27,	60.6	60.6	60.5	60.6	60.6	60.8	62.0	63.0	63.9	65.8	66.5	67.2	65.7	66.7	66.0	64.5	64.4	64.0	63.8	63.7	63.4	64.6	62.9	62.6	63.5	67.9	60.0
" 28,	63.0	62.9	62.9	62.7	62.7	62.4	64.0	65.6	65.0	65.1	65.9	67.8	68.0	68.9	68.0	65.8	64.8	64.0	64.4	64.7	64.8	64.8	64.7	65.1	64.9	68.9	61.7
" 29,	64.9	64.7	64.6	64.5	64.5	64.2	64.6	65.8	66.8	67.4	68.6	69.8	68.7	69.0	69.1	68.3	66.4	66.5	66.6	66.9	67.6	67.7	67.4	67.1	66.7	70.3	63.9
" 30,	67.5	67.6	68.0	68.4	68.6	68.7	69.0	70.6	73.8	73.1	73.1	73.8	73.7	74.2	72.5	72.0	70.8	69.9	69.8	69.8	69.2	69.3	68.9	68.8	70.5	75.2	66.4
" 31,	68.8	68.8	68.7	68.9	69.3	69.7	69.9	71.1	71.3	72.1	72.1	72.5	73.4	72.5	71.0	69.0	67.6	66.3	65.2	65.0	63.9	62.9	63.5	63.8	68.6	73.8	62.9
Means,	61.3	64.1	64.1	64.1	64.0	63.8	64.0	64.8	65.5	66.6	67.1	67.8	68.1	68.0	67.6	67.0	66.3	65.5	65.2	65.0	65.1	65.0	64.8	64.6	65.5	69.5	61.87

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION, FOR THE MONTH OF MARCH, 1911.

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, ...	56.3	56.5	56.0	55.8	55.8	53.0	51.6	51.1	52.8	52.8	53.4	55.4	54.5	55.0	55.2	55.5	55.0	55.6	56.5	55.8	55.4	57.8	58.0	57.5	55.1	124.4
" 2, ...	56.6	55.5	54.8	54.1	53.4	53.4	54.4	54.6	54.6	55.8	55.4	56.1	54.8	56.1	55.1	56.6	55.8	56.7	56.0	56.9	55.9	56.0	55.5	54.7	55.4	115.6
" 3, ...	54.0	53.9	53.6	53.6	53.6	53.8	53.3	55.1	55.9	56.1	56.8	56.8	57.0	57.8	59.0	59.8	59.3	60.2	60.3	60.6	60.8	60.8	60.6	60.5	57.2	122.5
" 4, ...	59.8	59.5	59.1	58.9	59.0	58.9	59.6	59.6	60.0	60.5	61.7	62.4	61.9	63.0	63.4	64.2	64.3	64.5	64.0	63.9	64.5	64.7	65.3	65.5	62.0	113.8
" 5, ...	65.2	64.8	64.5	64.3	64.4	65.8	65.8	67.0	68.0	69.6	69.1	69.8	69.1	69.0	68.1	67.9	66.4	66.9	66.8	66.6	67.1	66.8	67.1	67.4	67.0	123.0
" 6, ...	67.7	68.3	68.4	68.3	68.1	68.0	68.1	69.1	69.2	68.9	68.2	68.0	69.0	69.6	68.4	68.2	68.0	67.5	67.0	66.4	66.6	66.0	65.9	65.4	67.8	124.9
" 7, ...	66.3	65.1	65.5	65.8	65.6	65.5	62.2	60.9	60.8	60.6	61.0	60.3	60.6	60.6	60.3	59.8	60.6	60.6	60.6	61.0	61.6	60.5	61.2	61.6	62.0	77.4
" 8, ...	61.6	61.4	61.3	61.4	61.4	61.6	61.8	62.3	62.2	63.4	63.5	64.3	65.1	65.1	64.8	64.4	64.8	65.1	64.5	64.8	64.6	64.8	64.9	64.8	63.5	104.4
" 9, ...	64.9	64.4	64.3	63.9	64.0	64.0	64.6	65.0	66.3	66.6	66.3	68.3	68.8	68.8	69.0	68.3	69.3	68.5	68.4	68.8	69.0	68.5	68.5	68.9	67.0	121.5
" 10, ...	66.5	67.2	67.8	68.3	68.6	68.5	68.5	68.9	67.6	69.5	68.0	68.8	69.6	69.8	69.0	68.4	68.2	68.8	68.3	67.6	67.3	67.3	66.6	66.9	68.2	87.5
" 11, ...	65.7	65.3	64.6	64.5	63.8	62.8	62.7	62.5	62.7	62.8	62.9	62.3	62.4	62.2	62.3	61.4	61.2	60.3	59.8	59.4	59.6	59.6	59.6	59.6	62.1	115.1
" 12, ...	59.8	59.9	59.6	59.8	60.0	60.5	60.6	60.6	61.3	61.6	62.2	62.7	63.3	63.5	64.3	64.6	64.3	64.4	64.4	64.0	64.4	65.1	65.3	65.5	62.6	101.9
" 13, ...	65.3	65.5	65.5	65.3	65.6	65.6	65.8	66.3	66.7	67.6	67.6	68.3	67.8	67.8	67.7	68.1	67.6	67.2	67.7	67.4	68.5	68.0	68.1	67.4	67.0	102.8
" 14, ...	67.1	67.1	66.9	66.9	68.6	68.2	68.4	68.6	69.2	70.5	72.6	72.8	73.1	72.4	72.8	72.4	72.4	71.6	71.8	71.8	71.8	71.8	71.6	72.6	70.5	110.4
" 15, ...	72.5	72.3	71.5	71.3	70.8	70.9	70.8	71.0	71.3	72.0	72.6	72.8	72.8	72.3	72.1	71.8	71.8	71.2	71.3	71.1	71.4	71.1	70.7	72.0	71.6	120.5
" 16, ...	71.8	71.5	70.9	71.0	70.6	70.3	70.9	70.0	72.3	72.0	72.5	73.2	72.0	72.8	72.5	71.8	72.2	72.0	71.8	71.8	72.0	72.0	71.9	71.0	71.7	109.4
" 17, ...	71.1	71.1	71.3	71.2	67.6	65.2	64.6	65.6	66.0	64.3	64.5	63.3	63.8	61.8	60.8	61.5	61.2	59.8	59.3	59.1	57.8	56.6	56.7	55.6	63.3	77.2
" 18, ...	54.6	54.3	53.6	53.6	53.8	51.4	50.3	51.3	53.7	56.6	56.3	57.3	55.1	54.8	54.8	54.9	54.8	54.6	54.8	54.3	54.4	54.9	54.5	55.2	54.3	117.6
" 19, ...	55.2	55.3	56.6	56.5	56.4	56.5	55.3	54.8	54.2	54.1	55.4	55.2	55.0	54.0	54.1	54.6	54.7	54.4	55.5	55.8	55.9	56.5	55.7	55.9	55.3	94.1
" 20, ...	57.5	57.1	56.4	55.8	55.3	55.2	55.3	55.8	56.2	56.8	57.1	57.3	58.6	58.6	59.0	59.3	59.6	59.3	59.0	59.0	59.6	59.9	59.6	59.9	57.8	71.9
" 21, ...	59.5	59.7	60.2	60.1	60.8	60.4	61.8	61.8	62.8	63.5	63.3	63.5	64.2	64.0	64.1	63.2	63.0	62.8	62.8	63.0	63.2	63.6	64.1	63.7	62.5	101.1
" 22, ...	63.6	63.6	63.8	63.8	64.2	64.8	64.8	65.0	65.0	65.8	64.6	64.9	64.8	63.4	64.2	62.5	62.6	62.6	62.6	62.8	62.2	62.2	61.7	61.9	63.6	76.5
" 23, ...	61.5	61.2	60.7	59.9	59.0	58.6	57.7	59.1	59.3	59.4	59.6	59.3	59.5	59.6	58.4	57.4	59.1	59.5	58.4	57.2	57.4	56.8	56.4	56.2	58.8	73.7
" 24, ...	56.4	56.4	56.4	56.4	56.6	56.6	55.3	56.5	56.6	57.0	57.4	57.0	58.1	57.6	58.3	56.6	56.3	55.5	55.5	56.0	55.6	56.0	56.5	57.0	56.6	80.7
" 25, ...	57.0	56.9	56.7	56.6	56.8	56.8	56.6	55.9	55.8	56.9	56.5	56.7	58.6	58.3	57.4	56.2	57.0	56.5	57.2	57.2	57.0	57.3	57.0	57.4	56.9	98.8
" 26, ...	57.4	57.5	57.4	57.4	57.4	57.4	56.8	56.6	56.3	57.4	57.4	57.4	57.6	57.8	56.8	55.9	56.6	56.6	56.6	56.8	57.4	57.5	57.8	57.9	57.2	107.3
" 27, ...	57.6	57.4	57.4	57.4	57.3	57.5	59.1	59.7	59.6	60.3	60.6	58.8	58.8	59.1	59.3	59.8	59.4	60.2	60.5	60.5	60.3	60.8	60.6	60.6	59.3	123.6
" 28, ...	60.3	60.2	60.0	59.4	58.2	58.2	59.6	60.3	59.8	59.9	59.8	60.8	61.0	61.8	61.8	60.8	60.5	61.8	62.2	62.6	62.5	62.5	62.8	63.1	60.8	117.9
" 29, ...	62.8	62.6	62.4	62.3	62.5	62.3	61.5	62.0	62.4	62.2	62.6	63.4	63.4	64.3	64.0	63.5	62.8	63.1	62.8	63.3	63.5	63.3	63.7	64.2	63.0	125.5
" 30, ...	65.1	64.5	64.7	64.7	65.4	65.9	65.8	66.5	67.8	66.9	66.9	67.4	66.9	67.3	66.5	66.6	65.4	65.2	64.6	65.0	64.8	65.8	65.6	65.7	65.9	124.8
" 31, ...	65.6	65.1	64.9	65.1	65.4	65.6	66.0	66.5	66.9	67.3	66.6	67.1	67.0	66.8	66.6	65.6	65.6	64.8	64.0	63.8	62.5	62.3	61.7	61.5	65.2	108.9
Means, ...	62.1	62.0	61.8	61.7	61.6	61.4	61.3	61.6	62.0	62.5	62.7	63.0	63.0	63.1	62.9	62.6	62.6	62.5	62.4	62.4	62.4	62.5	62.4	62.5	62.3	105.6

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR, FOR THE MONTH OF MARCH, 1911.

Hours.	Hourly Means.		Date.	Daily Means.	
	Humidity.	Tension.		Humidity.	Tension.
			1911.		
1 a.	88	0.538	Mar. 1,.....	47	0.295
2 „	88	.538	„ 2,.....	61	.346
3 „	87	.531	„ 3,.....	72	.403
4 „	87	.528	„ 4,.....	87	.527
5 „	87	.526	„ 5,.....	88	.631
6 „	87	522	„ 6,.....	84	.637
7 „	85	.516	„ 7,.....	94	.543
8 „	83	.515	„ 8,.....	94	.571
9 „	81	.519	„ 9,.....	90	.636
10 „	78	.521	„ 10,.....	92	.670
11 „	77	.520	„ 11,.....	91	.538
Noon.	75	.521	„ 12,.....	92	.549
1 p.	74	.517	„ 13,.....	95	.650
2 „	75	.521	„ 14,.....	90	.720
3 „	76	.521	„ 15,.....	84	.730
4 „	77	.518	„ 16,.....	84	.733
5 „	80	.528	„ 17,.....	92	.563
6 „	84	.535	„ 18,.....	64	.339
7 „	85	.536	„ 19,.....	71	.373
8 „	86	.539	„ 20,.....	92	.463
9 „	86	.537	„ 21,.....	94	.551
10 „	86	.542	„ 22,.....	95	.578
11 „	87	.541	„ 23,.....	78	.447
Midt.	88	.547	„ 24,.....	80	.415
			„ 25,.....	84	.429
			„ 26,.....	78	.419
			„ 27,.....	77	.451
			„ 28,.....	78	.480
			„ 29,.....	80	.528
			„ 30,.....	77	.576
			„ 31,.....	83	.578
Mean, ...	83	0.528	Mean, ...	83	0.528

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.
1911.														
March. 1,.....	...	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	...	9.8
„ 2,.....	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	10.0
„ 3,.....	...	...	0.8	1.0	1.0	0.9	0.9	0.9	1.0	1.0	0.6	...	...	8.1
„ 4,.....	...	...	...	0.1	0.9	1.0	0.6	0.3	1.0	0.7	0.1	...	...	4.7
„ 5,.....	...	...	0.2	0.5	1.0	0.3	0.6	0.1	...	0.1	0.3	...	...	3.1
„ 6, ...	...	...	0.3	0.2	0.2	0.7	0.9	1.0	0.9	1.0	1.0	0.5	...	6.7
„ 7,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 8,.....	...	...	...	...	0.7	0.3	0.4	0.2	0.4	0.2	0.2	...	...	2.4
„ 9,.....	...	...	...	...	...	0.8	1.0	1.0	1.0	1.0	0.8	0.2	...	5.8
„ 10,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 11,.....	...	...	...	0.8	0.8	0.3	...	...	...	...	...	...	...	1.9
„ 12,.....	...	...	...	...	...	...	...	0.5	0.5	0.2	...	...	...	1.2
„ 13,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 14,.....	...	...	...	...	...	0.5	0.4	0.5	0.4	...	...	...	...	1.8
„ 15,.....	...	...	0.4	0.6	0.1	1.0	1.0	1.0	1.0	0.9	0.5	0.1	...	6.6
„ 16,.....	...	...	...	0.3	0.6	0.6	0.2	0.7	1.0	0.9	...	...	...	4.3
„ 17,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 18,.....	...	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	...	10.1
„ 19,.....	...	...	...	...	...	0.1	...	...	...	...	...	...	...	0.1
„ 20,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 21,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 22,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 23,.....	...	...	...	...	...	...	..	...	...	...	...	...	...	...
„ 24,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 25,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 26,.....	...	...	...	...	...	...	...	...	0.7	1.0	0.7	...	...	2.4
„ 27,.....	...	0.3	0.8	0.9	0.5	0.7	1.0	0.9	1.0	1.0	1.0	0.6	...	8.7
„ 28,.....	...	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	...	9.8
„ 29,.....	...	...	...	0.1	...	0.6	0.9	0.5	1.0	1.0	0.1	...	..	4.2
„ 30,.....	...	...	0.2	1.0	1.0	0.9	0.3	0.3	0.5	...	0.3	...	...	4.5
„ 31,.....	...	...	...	...	...	...	...	0.2	...	...	...	...	...	0.2
Sums,.....	...	2.2	6.7	9.5	10.8	12.7	12.2	12.1	14.4	13.0	9.6	3.2	...	106.4

TABLE VI.

RAINFALL FOR THE MONTH OF MARCH, 1911.

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,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 2,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 3,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 4,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 5,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 6,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 7,	...	...	...	...	...	...	0.005	0.010	0.010	0.010	0.015	0.015	0.005	0.015	0.005	0.010	...	0.005	...	...	...	...	...	...	0.105	16
„ 8,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 9,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 10,	...	...	...	...	...	...	...	0.500	0.535	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1.040	3
„ 11,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.020	0.040	0.045	0.015	0.005	...	0.005	...	...	0.130	10
„ 12,	0.005	0.005	...	...	...	...	...	...	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.015	9
„ 13,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 14,	...	...	...	...	...	...	...	...	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	...
„ 15,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 16,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 17,	...	...	...	...	0.050	0.015	0.015	0.010	...	...	...	...	...	...	...	0.045	0.375	0.030	0.010	0.010	...	...	0.030	0.010	0.600	12
„ 18,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 19,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.015	0.015	1
„ 20,	0.005	...	...	...	0.110	0.170	0.010	0.020	...	...	...	0.010	0.005	0.005	0.010	0.010	0.010	0.015	0.005	0.010	0.015	0.010	0.005	0.010	0.435	18
„ 21,	...	0.345	0.120	...	0.025	0.090	0.015	0.005	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.605	9
„ 22,	...	...	...	...	...	...	...	...	0.010	...	0.225	0.065	...	0.195	0.015	...	...	...	0.010	...	0.010	...	...	...	0.530	5
„ 23,	...	...	0.010	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.015	1
„ 24,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 25,	0.010	0.060	0.055	0.065	0.035	0.005	...	...	...	0.010	0.005	...	...	...	...	0.005	0.005	0.020	0.005	...	...	...	...	...	0.280	13
„ 26,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 27,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 28,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 29,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 30,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 31,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.020	0.015	...	...	0.035	3
Sums,	0.020	0.410	0.185	0.070	0.220	0.280	0.045	0.545	0.555	0.040	0.245	0.090	0.010	0.215	0.030	0.090	0.430	0.115	0.045	0.025	0.045	0.030	0.035	0.035	3.810	100

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND, FOR THE MONTH OF MARCH, 1911.

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,	28	2	27	4	25	5	25	7	25	2	1	6	2	9	4	12	4	16	2	18	1	12	32	10	10	9	11	8	11	13	11	13	11	8	32	5	32	2	32	2	5	4	10	14	9	11	10	12	204	8.5	5
" 2,	10	9	10	15	8	14	8	14	10	8	11	11	10	12	9	14	9	19	10	19	10	14	11	13	10	16	9	16	10	20	10	20	10	19	10	13	10	10	11	10	9	12	8	11	10	13	9	14	336	14.0	10
" 3,	9	16	8	19	7	19	7	16	7	11	8	18	8	18	8	19	8	19	8	25	8	24	7	25	7	23	7	23	7	20	7	17	7	17	7	18	6	14	7	14	8	18	8	16	7	14	7	22	445	18.5	7
" 4,	8	20	9	24	8	20	8	16	8	20	8	21	9	18	9	17	9	21	8	22	8	24	8	20	8	20	8	20	8	20	8	15	9	12	9	15	8	14	7	13	8	9	6	8	8	5	7	6	400	16.7	8
" 5,	7	10	6	10	8	13	7	13	7	9	6	6	5	5	6	4	10	3	15	9	18	11	17	10	17	11	16	11	19	11	18	6	28	3	28	6	28	3	16	4	18	8	28	6	23	2	22	2	176	7.3	13
" 6,	26	6	29	4	27	3	29	2	...	1	29	6	29	2	...	1	...	1	31	3	10	6	9	7	11	4	26	4	25	5	25	7	26	2	26	6	26	3	...	0	...	0	...	0	...	0	26	3	76	3.2	27
" 7,	...	0	...	1	7	5	10	14	9	13	12	16	7	30	7	32	7	32	7	31	7	29	7	28	7	28	7	31	7	27	7	24	7	26	7	25	7	20	7	23	8	25	8	26	9	20	8	21	527	22.0	7
" 8,	9	22	8	23	9	26	8	24	9	24	9	21	10	23	9	23	9	21	8	21	8	18	8	22	8	19	8	20	7	18	8	16	7	18	8	18	7	17	7	14	7	17	9	18	8	19	8	15	477	19.9	8
" 9,	8	15	7	17	8	18	8	17	8	17	9	14	9	14	9	12	8	14	8	18	8	18	9	13	9	11	10	13	11	12	15	16	14	12	12	10	11	9	9	10	9	6	11	10	11	7	13	4	307	12.8	9
" 10,	9	7	13	6	11	7	14	12	14	9	7	4	7	2	3	8	14	5	16	11	7	8	11	4	15	5	28	2	4	2	6	5	6	2	6	7	8	12	8	12	8	14	8	15	9	17	9	17	193	8.0	9
" 11,	8	23	8	25	8	22	9	28	8	19	7	25	8	25	8	30	8	32	7	33	8	33	7	31	7	36	7	36	7	32	7	31	7	30	7	31	7	31	7	30	7	31	7	37	7	31	7	29	711	29.6	7
" 12,	8	31	8	28	7	30	7	19	8	22	8	21	9	24	8	23	8	21	8	29	9	17	9	19	8	22	8	26	8	19	9	19	10	15	9	16	8	23	8	17	8	7	11	8	8	14	8	14	475	19.8	8
" 13,	8	16	9	16	9	19	8	18	10	19	10	21	9	17	9	20	9	18	7	16	8	16	9	18	10	16	9	21	9	19	8	15	9	14	8	14	8	10	8	11	8	10	8	7	7	15	8	15	381	15.9	9
" 14,	8	17	8	10	7	9	8	13	8	17	8	16	8	9	8	11	8	11	10	6	16	11	17	10	16	11	16	11	16	10	18	8	15	5	19	6	18	5	16	7	17	8	17	7	17	6	15	6	230	9.6	12
" 15,	19	6	14	4	15	4	17	5	15	4	15	2	14	6	16	7	15	9	15	9	15	19	15	11	16	12	15	12	15	15	16	9	15	12	15	9	15	8	15	5	15	9	14	5	9	2	15	13	188	7.8	15
" 16,	15	9	14	3	15	2	12	4	7	5	7	3	15	4	17	6	17	7	16	8	17	12	18	10	16	6	17	8	18	11	18	9	18	7	18	7	18	9	17	10	17	8	16	7	17	6	12	2	163	6.8	17
" 17,	10	5	...	1	...	0	...	1	23	8	27	16	26	15	25	6	3	3	31	3	24	5	25	7	23	4	26	12	27	13	28	3	29	6	24	6	27	10	30	4	30	5	32	6	32	7	32	6	152	6.3	27
" 18,	1	5	32	8	31	8	31	7	28	7	32	7	32	9	2	7	1	8	31	7	28	9	32	11	2	10	3	10	2	10	5	14	6	10	3	6	4	8	3	3	3	2	5	12	4	14	5	15	207	8.6	2
" 19,	6	15	7	24	7	24	6	27	7	29	7	33	6	37	8	38	7	38	7	37	7	36	6	32	6	29	7	28	7	28	6	28	7	29	7	33	7	34	6	34	7	34	7	34	7	37	7	40	758	31.6	7
" 20,	7	36	7	31	6	28	7	30	6	32	7	33	7	36	7	33	7	36	7	37	7	30	7	33	7	32	7	31	7	34	6	27	6	27	6	25	7	35	7	36	7	33	7	28	7	27	7	26	759	31.6	7
" 21,	7	30	8	30	9	25	9	26	9	20	10	19	10	19	9	16	10	11	10	16	8	18	8	20	8	22	8	17	8	23	9	23	8	24	8	22	8	23	8	23	8	21	8	21	8	18	7	21	508	21.2	8
" 22,	8	19	8	16	10	17	10	3	10	9	10	7	10	6	...	1	32	3	4	3	27	6	27	7	24	9	26	15	24	6	23	12	25	8	26	7	23	6	26	5	...	1	24	5	23	3	22	2	176	7.3	26
" 23,	...	1	28	3	...	1	31	5	29	3	32	8	...	0	32	2	32	5	32	5	32	3	...	1	...	1	3	7	2	10	3	7	3	2	9	2	...	1	3	7	2	9	2	12	3	7	2	9	111	4.6	2
" 24,	1	3	1	4	1	6	5	5	2	3	2	3	1	5	2	4	32	6	9	8	5	13	4	5	3	6	1	6	2	5	1	10	31	12	32	13	4	5	12	2	10	10	8	15	7	10	7	8	167	7.0	4
" 25,	3	7	6	6	...	1	3	3	32	2	2	2	6	6	32	5	32	3	32	6	3	12	32	8	2	6	3	4	2	6	4	5	8	8	5	8	...	0	32	4	32	4	8	7	5	9	7	11	133	5.5	4
" 26,	7	7	7	8	8	12	7	13	7	17	7	19	7	18	7	21	7	19	7	16	7	22	7	20	7	27	7	25	7	31	7	29	7	23	7	17	7	20	7	23	8	21	8	16	8	15	7	14	453	18.9	7
" 27,	7	11	8	16	10	17	8	18	8	19	8	19	9	16	9	14	9	15	9	21	8	18	9	25	9	23	9	21	9	22	9	23	7	15	7	19	7	20	7	19	7	19	7	20	7	22	6	17	449	18.7	8
" 28,	7	22	7	20	7	25	8	25	9	30	9	25	8	21	9	22	7	28	7	30	8	29	8	24	8	24	9	24	8	23	8	22	8	24	9	22	8	18	9	19	7	13	7	15	7	15	7	16	536	22.3	8
" 29,	7	15	8	18	7	22	9	17	10	17	11	18	11	16	9	21	8	27	8	35	8	35	8	30	8	29	8	25	8	26	8	30	8	24	10	25	9	25	9	21	8	25	8	21	8	19	9	15	556	23.2	8
" 30,	8	14	8	20	9	19	11	17	9	17	9	14	9	13	8	16	8	23	7	27	8	21	8	20	7	19	7	19	8	16	8	15	8	17	9	15	9	17	9	15	9	15	9	14	9	11	9	10	404	16.8	8
" 31,	9	9	9	11	9	10	9	7	9	9	...	1	...	0	9	6	11	10	10	9	10	11	9	13	8	12	9	11	9	19	9	19	10	16	8	20	8	22	7	19	7	25	8	30	7	32	7	26	347	14.5	8
Sums,	...	408	...	425	...	431	...	426	...	422	...	435	...	435	...	451	...	484	...	529	...	531	...	507	...	502	...	520	...	526	...	497	...	447	...	446	...	434	...	416	...	423	...	451	...	428	...	431	11005	458.5	...
Means,	...	13.2	...	13.7	...	13.9	...	13.7	...	13.6	...	14.0	...	14.0	...	14.5	...	15.6	...	17.1	...	17.1	...	16.4	...	16.2	...	16.8	...	17.0	...	16.0	...	14.4	...	14.4	...	14.0	...	13.4	...	13.6	...	14.5	...	13.8	...	13.9	355.0	14.8	...

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
1911.												
Mar. 1, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 2, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 3, ...	0	...	...	0	...	...	6	cum.	E	2	cum.	E
„ 4, ...	4	cum.	E	5	cum.	ESE	10	cum-nim.	SE	9	sm-cum. / cum.	WSW / ESE
„ 5, ...	8	cum.	SE	5	cum.	SE	10	sm-cum. / cum.	SW / SE	7	cum.	S
„ 6, ...	8	cum.	SSW	10	cum.	SSW	9	cum.	SW	9	cum.	WNW
„ 7, ...	4	cum.	...	4	cum.	SE	10	nim.	E	10	nim.	E
„ 8, ...	10	nim.	E	7	cum.	SE	9	cum.	SE	8	cum.	SSE
„ 9, ...	10	cum.	SSE	8	cum.	SSE	10	cum.	SSE	9	cum.	SSE
„ 10, ...	10	cum.	S	9	cum.	S	10	cum.	S	10	cum.	SSW
„ 11, ...	10	cum.	E	10	cum.	E	8	sm-cum. / cum.	E	9	sm-cum. / cum.	W / E
„ 12, ...	10	nim.	E	10	nim.	E	10	nim.	E	10	nim.	E
„ 13, ...	10	cum.	ESE	10	cum.	E	10	cum.	E	10	cum-nim.	E
„ 14, ...	10	cum.	S	10	cum.	S	10	cum.	S	10	cum-nim.	S
„ 15, ...	10	cum.	SSW	10	cum.	SSW	10	cum.	SSW	10	cum.	S
„ 16, ...	10	cum.	S	6	cum.	S	10	cum.	S	10	cum.	S
„ 17, ...	10	nim.	S	10	nim.	S	10	nim.	S	10	cum-nim.	S
„ 18, ...	10	nim.	SW	10	cum.	SW	4	sm-cum. / cum.	...	0	...	...
„ 19, ...	10	cum.	E	9	cum.	E	10	cum.	E	10	cum.	E
„ 20, ...	10	nim.	E	10	cum-nim.	E	10	cum-nim.	E	10	nim.	E
„ 21, ...	10	nim.	E	10	nim.	E	10	nim.	ESE	10	nim.	SE
„ 22, ..	10	cum-nim.	...	10	cum.	...	10	nim.	...	10	nim.	...
„ 23, ...	10	cum.	...	10	cum.	...	10	str-cum.	...	10	str-cum.	...
„ 24, ...	10	str-cum.	...	10	str-cum.	...	10	str-cum.	...	10	cum.	E
„ 25, ...	10	cum-nim.	E	10	nim.	E	10	cum-nim.	E	10	nim.	E
„ 26, ...	10	cum.	...	10	cum.	E	10	cum.	E	10	cum.	E
„ 27, ...	4	cum.	E	2	cum.	E	7	sm-cum. / cum.	WSW / SE	9	sm-cum. / cum.	SE
„ 28, ...	5	cum.	SE	5	cum.	SE	4	sm-cum. / cum.	SE	5	cum.	SE
„ 29, ...	10	cum-nim.	ESE	10	cum.	ESE	10	cum.	ESE	10	sm-cum. / cum.	SSE / ESE
„ 30, ...	8	cum.	ESE	10	cum.	ESE	9	sm-cum. / cum.	SE	7	sm-cum. / cum.	SW / ESE
" 31, ...	10	cum.	ESE	10	cum.	ESE	10	sm cum. / cum.	ESE	10	cum.	ESE
Means,...	8.1	...	...	7.7	...	...	8.6	...	...	8.2	...	...

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	
1911.													
Mar. 1,...	0	...	...	0	...	...	0	...	...	0	...	...	0.0
„ 2,...	0	...	...	0	...	...	0	...	...	0	...	...	0.0
„ 3,...	6	sm-cum. / cum.	W / ESE	9	cum.	ESE	10	cum-nim.	ESE	7	cum.	ESE	5.0
„ 4,...	10	sm-cum. / cum.	SW / SE	9	cum.	SE	5	cum.	SE	4	cum.	SE	7.0
„ 5,...	10	sm-cum. / cum.	SSW	10	cum.	S	5	sm-cum.	WSW	10	cum.	SSW	8.1
„ 6,...	5	cum.	SSW	3	cum.	S	1	cum.	...	0	...	...	5.6
„ 7,...	10	nim.	E	10	nim.	E	10	nim.	E	10	nim.	E	8.5
„ 8,...	10	cum.	SSE	10	cum.	SSE	10	cum.	SSE	10	cum.	SSE	9.2
„ 9,...	8	cum.	S	8	cum.	S	9	cum.	S	10	cum.	S	9.0
„ 10,...	10	nim.	S	10	cum.	SW	10	sm-cum. / cum.	W / SW	10	cum.	SSW	9.9
„ 11,...	10	cum-nim.	E	10	nim.	E	10	nim.	S	10	nim.	ESE	9.6
„ 12,...	10	sm-cum. / cum.	WSW / E	10	cum.	ESE	5	cum.	SE	10	cum.	ESE	9.4
„ 13,...	10	cum.	E	10	cum.	SE	10	cum.	SSE	10	cum.	S	10.0
„ 14,...	10	cum.	S	10	cum.	SSW	10	cum.	SW	10	cum.	SSW	10.0
„ 15,...	9	cum.	S	9	cum.	S	7	cum.	S	8	cum.	S	9.1
„ 16,...	9	cum.	S	10	sm-cum. / cum.	S	10	cum.	S	10	cum.	S	9.4
„ 17,...	10	cum-nim.	S	10	nim.	SE	10	nim.	...	10	nim.	...	10.0
„ 18,...	0	...	...	0	...	...	2	sm-cum.	W	8	sm-cum.	...	4.3
„ 19,...	10	cum.	E	10	cum.	E	10	cum.	ESE	10	cum.	...	9.9
„ 20,...	10	nim.	E	10	nim.	E	10	nim.	E	10	nim.	E	10.0
„ 21,...	10	cum.	SSE	10	nim.	SSW	10	cum-nim.	S	10	cum-nim.	S	10.0
„ 22,...	10	cum-nim.	...	10	nim.	...	10	cum-nim.	...	10	cum-nim.	...	10.0
„ 23,...	10	str-cum.	E	10	str-cum.	E	10	str-cum.	...	10	str-cum.	...	10.0
„ 24,...	10	cum.	E	10	str-cum.	E	10	str-cum.	...	7	cum.	E	9.6
„ 25,...	10	sm-cum. / cum.	WSW / NE	10	nim.	NE	10	nim.	...	10	cum-nim.	...	10.0
„ 26,...	10	cum.	ENE	5	sm-cum.	WSW	10	sm-cum.	WSW	3	cum.	...	8.5
„ 27,...	7	sm-cum. / cum.	SE	4	cum.	SE	4	cum.	SE	10	cum.	SE	5.9
„ 28,...	2	cum.	SE	2	cum.	SE	6	cum.	ESE	10	cum-nim.	ESE	4.9
„ 29,...	7	c-str. / sm-cum. / cum.	W / ESE	7	sm-cum. / cum.	SSE / E	10	cum.	SE	7	cum.	SE	8.9
„ 20,...	8	sm-cum. / cum.	SW / ESE	10	sm-cum. / cum.	SW / ESE	9	sm-cum. / cum.	ESE	4	cum.	ESE	8.1
„ 31,...	10	sm-cum. / cum.	W / ESE	10	cum.	ESE	10	nim.	...	10	nim.	...	10.0
Means,...	8.1	...	...	7.9	...	...	7.8	...	...	8.0	...	...	8.1

TABLE IX.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR THE MONTH OF MARCH, 1911.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N −S	+E −W	
1 a.	1.5	12.0	0.9	0.3	+ 0.6	+11.7	E 3° N
2 „	1.5	12.6	0.9	0.2	0.5	12.4	E 3° N
3 „	1.8	12.8	1.4	0.3	0.4	12.5	E 2° N
4 „	1.6	12.3	1.5	0.4	+ 0.0	11.9	E
5 „	1.2	12.3	1.8	0.5	− 0.6	11.7	E 3° S
6 „	2.1	12.0	2.0	0.5	+ 0.1	11.5	E
7 „	2.1	12.2	2.0	0.5	0.1	11.7	E
8 „	1.6	13.1	1.4	0.2	0.2	12.9	E 1° N
9 „	2.2	13.9	1.6	0.0	0.5	13.8	E 2° N
10 „	2.8	14.5	2.0	0.1	0.8	14.5	E 3° N
11 „	2.1	14.3	1.8	0.7	0.3	13.6	E 1° N
Noon.	2.5	13.4	2.2	0.7	+ 0.2	12.7	E 1° N
1 p.	2.0	13.6	2.2	0.5	− 0.2	13.1	E 1° S
2 „	2.4	13.8	2.2	1.0	+ 0.2	12.7	E 1° N
3 „	2.4	13.8	2.5	1.0	− 0.1	12.7	E
4 „	2.4	13.1	2.5	0.9	− 0.2	12.2	E 1° S
5 „	2.3	12.2	2.0	0.6	+ 0.3	11.5	E 1° N
6 „	2.5	11.9	1.8	0.9	0.7	11.0	E 4° N
7 „	2.0	12.2	1.3	0.8	0.7	11.5	E 4° N
8 „	2.3	11.7	1.5	0.3	0.8	11.5	E 4° N
9 „	1.8	11.9	1.4	0.3	0.4	11.6	E 2° N
10 „	1.8	12.9	1.3	0.3	0.5	12.6	E 2° N
11 „	2.2	12.5	1.1	0.2	1.1	12.3	E 5° N
Midt.	2.4	12.5	1.3	0.2	+ 1.0	+12.3	E 5° N
Means,.....	2.1	12.8	1.7	0.5	+0.35	+12.33	E 2° N

PHENOMENA :—

Fog :—on the 9th and 14th.

Slight fog :—on the 1st, 4th, 5th, 6th, 7th, 8th, 10th, 13th, 22nd and 31st.

Unusual visibility :—on the 18th.

Dew :—on the 1st.

Thunder without lightning :—on the 10th.

Thunderstorms :—on the 17th 4.27a.—4.45a., SSW—NNE, nearest at 4.40a., (17^s) ; 2.35p—5.20p, NW—SE, nearest at 4.53p, (1^s) ; 22nd 10.17a—10.35a, in NW, distant ; 2p—2.40p, W—E, nearest at 2.08p. (4^s) ; 7.13p –9.40p, in NNE, distant.

TABLE I.

BAROMETRIC PRESSURE, FOR THE MONTH OF APRIL, 1911.

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,...	29.932	29 922	29.904	29.908	29.900	29.894	29.901	29.932	29.930	29.952	29.962	29.958	29.920	29.916	29.860	29.856	29.872	29.880	29.889	29.906	29.934	29.948	29.934	29.943	29.915
" 2,...	.934	.916	.919	.916	.928	.942	.956	.986	.980	.982	.980	.957	.933	.908	.895	.881	.883	.887	.899	.919	.947	.963	.969	.968	.935
" 3,...	.975	.961	.957	.953	.961	.973	.985	30.007	30.019	30.025	30.021	30.005	.977	.953	.937	.921	.919	.923	.945	.968	.983	.983	.975	.967	.971
" 4,...	.953	.943	.935	.919	.931	.943	.963	29.968	29.977	29.973	29.973	29.941	.923	.897	.888	.879	.880	.868	.897	.901	.923	.933	.925	.913	.927
" 5,...	.903	.883	.869	.859	.863	.881	.895	.901	.915	.928	.927	.915	.897	.871	.855	.849	.853	.855	.868	.887	.903	.911	.923	.920	.889
" 6,...	.915	.903	.883	.883	.889	.904	.931	.943	.952	.955	.950	.949	.924	.902	.887	.889	.884	.882	.896	.910	.932	.928	.926	.920	.914
" 7,...	.899	.868	.850	.838	.850	.870	.890	.896	.916	.928	.919	.904	.872	.846	.838	.832	.838	.832	.846	.862	.884	.884	.870	.860	.870
" 8,...	.842	.830	.822	.806	.820	.828	.840	.854	.868	.846	.836	.829	.789	.757	.725	.723	.724	.739	.755	.773	.789	.768	.759	.755	.795
" 9,...	.747	.729	.727	.725	.725	.731	.741	.760	.765	.791	.791	.763	.731	.699	.639	.631	.658	.677	.701	.717	.731	.720	.713	.693	.721
" 10,...	.689	.675	.643	.641	.649	.657	.675	.707	.710	.715	.711	.704	.669	.655	.633	.625	.619	.641	.661	.691	.709	.719	.715	.699	.675
" 11,...	.685	.673	.665	.663	.682	.707	.729	.753	.775	.782	.779	.765	.734	.721	.719	.715	.729	.747	.761	.777	.813	.830	.831	.819	.744
" 12,...	.821	.791	.779	.779	.774	.789	.808	.829	.803	.813	.813	.798	.788	.778	.780	.759	.738	.742	.780	.783	.824	.789	.840	.820	.792
" 13,...	.810	.816	.788	.798	.801	.862	.837	.848	.876	.880	.888	.872	.861	.848	.829	.826	.822	.831	.854	.862	.874	.890	.906	.896	.849
" 14,...	.884	.866	.842	.849	.826	.874	.879	.902	.916	.918	.910	.905	.881	.860	.827	.805	.831	.843	.851	.864	.879	.895	.897	.885	.870
" 15,...	.867	.863	.849	.837	.855	.857	.885	.913	.929	.936	.915	.893	.875	.860	.829	.807	.817	.819	.829	.847	.863	.877	.881	.871	.866
" 16,...	.853	.833	.837	.827	.821	.829	.853	.859	.873	.880	.863	.850	.821	.806	.800	.790	.802	.819	.832	.860	.886	.900	.892	.888	.845
" 17,...	.888	.880	.878	.878	.886	.902	.897	.930	.960	.980	.982	.960	.936	.926	.924	.934	.924	.919	.934	.956	.972	.992	.988	.968	.933
" 18,...	.968	.958	.944	.940	.953	.961	.974	.992	30.002	30.004	30.004	.995	.972	.936	.912	.905	.908	.920	.928	.936	.942	.951	.950	.940	.954
" 19,...	.926	.920	.910	.908	.920	.936	.956	.970	29.988	29.994	29.967	.960	.950	.948	.935	.922	.912	.918	.921	.935	.954	.960	.970	.956	.943
" 20,...	.948	.945	.942	.953	.960	.970	.986	30.008	30.009	30.010	30.002	.975	.943	.931	.920	.911	.907	.922	.945	.967	.983	30.007	30.001	.997	.964
" 21,...	.999	.983	.981	.985	.987	.999	30.013	.029	.045	.041	.025	.997	.975	.959	.950	.937	.933	.941	.953	.957	.968	29.971	29.969	.961	.982
" 22,...	.951	.931	.927	.926	.927	.937	29.947	29.969	29.983	29.979	29.965	.942	.913	.880	.862	.845	.842	.844	.854	.876	.900	.902	.894	.874	.911
" 23,...	.856	.830	.814	.800	.810	.820	.839	.851	.852	.846	.838	.812	.782	.758	.744	.736	.730	.736	.744	.748	.768	.776	.778	.768	.793
" 24,...	.764	.738	.712	.704	.714	.728	.746	.764	.772	.778	.764	.729	.700	.678	.660	.648	.648	.658	.674	.686	.696	.710	.716	.714	.713
" 25,...	.704	.702	.698	.696	.701	.710	.730	.751	.754	.754	.752	.748	.726	.710	.691	.682	.688	.704	.722	.732	.750	.778	.776	.775	.726
" 26,...	.772	.752	.744	.744	.753	.762	.784	.799	.802	.798	.786	.761	.730	.695	.685	.686	.701	.725	.721	.729	.755	.769	.782	.767	.750
" 27,...	.773	.755	.743	.741	.761	.783	.777	.798	.817	.827	.818	.793	.781	.753	.753	.729	.725	.731	.741	.751	.772	.771	.779	.780	.769
" 28,...	.769	.761	.759	.743	.748	.765	.775	.779	.789	.798	.791	.787	.782	.757	.738	.701	.709	.719	.727	.737	.739	.755	.771	.779	.757
" 29,...	.767	.755	.743	.734	.731	.741	.757	.771	.785	.785	.789	.776	.763	.759	.743	.723	.719	.724	.733	.753	.765	.770	.761	.757	.754
" 30,...	.755	.742	.729	.719	.713	.723	.746	.769	.795	.797	.796	.784	.772	.760	.742	.723	.720	.727	.744	.752	.772	.799	.800	.796	.757
Means,.....	29.852	29.837	29.826	29.822	29.828	29.843	29.856	29.875	29.885	29.890	29.884	29.868	29.844	29.824	29.807	29.796	29.798	29.806	29.820	29.835	29.854	29.862	29.863	29.855	29.843

TABLE II.

TEMPERATURE, FOR THE MONTH OF APRIL, 1911.

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,	63.8	64.5	63.5	62.4	62.6	62.0	62.5	63.0	64.8	63.5	64.0	64.0	65.0	63.5	62.2	62.6	63.2	62.8	63.0	62.9	63.0	63.4	63.4	63.3	63.3	65.6	61.3
„ 2,	63.3	63.4	63.2	62.6	62.6	62.5	63.0	64.5	65.7	67.0	67.6	67.5	67.8	67.4	68.0	67.4	65.9	65.2	64.8	65.0	65.3	66.0	65.8	66.1	65.3	68.6	62.1
„ 3,	65.8	65.0	64.8	64.2	62.6	63.0	64.0	65.7	65.6	67.8	68.5	68.0	68.8	68.2	67.5	68.0	67.0	66.5	66.5	66.2	66.2	66.8	66.6	66.5	66.2	69.2	62.5
„ 4,	65.9	64.5	64.7	64.6	64.9	64.0	64.7	65.6	68.9	70.3	69.4	69.5	70.8	70.0	69.0	69.5	69.3	69.0	67.7	67.3	67.6	67.9	67.4	67.6	67.5	72.7	63.7
„ 5,	67.7	67.4	67.1	67.1	68.4	68.8	70.0	71.3	73.8	75.4	75.0	74.0	76.0	75.4	73.6	72.5	72.0	70.2	69.2	68.7	68.5	68.3	68.7	68.7	70.7	76.0	67.1
„ 6,	68.5	68.8	68.6	66.7	66.2	66.1	66.8	67.7	69.0	68.5	69.0	68.0	68.5	69.0	70.0	69.5	69.4	68.6	67.8	67.5	67.3	68.0	68.5	67.7	68.2	70.2	66.0
„ 7,	67.5	66.7	66.7	66.5	66.5	66.4	66.6	66.8	67.4	68.7	69.6	69.7	70.0	70.5	71.0	69.5	69.6	68.7	68.8	68.4	68.9	68.7	68.7	68.4	68.3	71.9	66.1
„ 8,	68.2	67.7	68.3	68.7	68.4	68.8	69.5	71.8	73.4	75.0	74.3	74.9	75.3	74.0	74.0	73.8	73.2	71.5	71.2	71.2	70.4	70.2	70.3	70.5	71.4	76.5	67.7
„ 9,	70.6	70.2	69.9	70.6	70.4	70.8	70.7	72.5	73.1	74.1	74.0	76.0	75.5	77.0	73.6	72.1	72.9	72.5	71.7	71.2	70.7	70.6	70.9	70.8	72.2	77.6	69.9
„ 10,	70.6	70.8	70.8	70.9	71.0	71.0	72.0	72.6	73.5	73.0	72.6	72.6	72.4	72.0	70.5	71.2	71.2	71.0	70.7	71.0	70.8	70.7	69.8	68.8	71.3	73.5	68.7
„ 11,	68.8	68.4	67.8	67.3	66.8	66.6	67.5	69.5	70.0	71.4	73.0	73.9	75.2	72.8	71.0	70.6	68.5	68.3	68.1	68.1	68.2	68.2	67.7	67.7	69.4	76.1	66.2
„ 12,	67.5	67.0	66.7	67.2	67.6	68.0	68.0	68.7	70.7	70.4	71.0	73.0	69.1	67.8	65.5	65.7	65.5	64.8	64.7	64.1	64.8	64.1	64.7	64.0	67.1	74.9	63.7
„ 13,	63.7	64.0	64.4	64.7	65.0	65.4	65.4	66.2	69.0	70.2	70.0	69.0	68.5	67.3	67.0	66.9	67.0	67.1	66.9	67.1	67.3	67.0	67.2	67.4	66.8	70.7	63.2
„ 14,	67.2	67.0	66.8	66.5	65.8	65.9	66.5	67.0	66.8	67.2	67.7	68.0	69.3	69.0	67.8	67.7	68.0	67.0	67.0	66.9	67.0	67.7	67.7	67.7	67.3	70.2	65.3
„ 15,	67.7	67.7	67.7	67.3	67.1	67.0	68.2	68.7	69.0	69.1	71.6	72.2	71.4	71.0	70.5	69.8	69.2	68.8	67.8	68.0	67.8	68.0	67.3	67.1	68.7	72.2	66.2
„ 16,	66.8	66.8	66.7	66.8	67.0	67.0	67.5	68.0	68.9	68.2	68.5	69.0	68.4	68.3	67.7	67.5	67.8	67.2	67.7	67.0	67.2	67.6	67.9	67.6	67.6	69.9	65.2
„ 17,	67.8	64.7	64.3	62.5	63.6	63.4	64.0	63.3	64.1	63.7	64.0	66.0	65.6	66.0	64.0	64.0	63.7	64.5	64.0	63.7	64.8	64.6	63.8	64.7	64.4	68.0	62.0
„ 18,	64.7	64.7	64.7	64.8	63.4	63.8	64.5	64.9	67.1	67.5	69.0	70.3	70.0	69.6	69.0	67.4	67.0	66.5	66.8	67.0	66.8	66.5	66.3	65.8	66.6	70.3	63.1
„ 19,	65.7	65.6	65.2	64.7	64.4	63.8	64.1	64.0	64.2	63.0	65.7	66.1	67.0	67.0	68.8	68.5	68.5	68.0	67.5	67.2	66.9	67.0	66.2	66.3	66.1	69.0	63.0
„ 20,	65.7	65.1	65.1	65.0	64.9	65.3	66.7	68.0	69.2	70.1	72.8	75.0	76.8	75.8	75.0	73.0	72.8	71.4	69.7	69.5	69.4	69.4	69.1	69.1	69.7	77.1	64.9
„ 21,	68.4	68.1	68.0	68.2	68.2	68.3	69.1	71.0	73.0	74.1	75.2	74.0	75.6	74.6	73.4	73.0	72.2	71.6	71.0	70.5	70.8	70.0	69.7	69.7	71.2	75.8	67.7
„ 22,	68.8	68.7	67.9	67.5	67.4	68.0	70.0	72.7	75.1	77.1	77.8	79.5	80.0	78.5	78.0	76.5	76.5	76.0	73.7	72.8	72.4	72.4	71.9	71.9	73.4	80.1	67.4
„ 23,	72.2	71.9	71.7	71.5	71.3	71.3	71.4	72.2	73.3	75.0	77.0	77.7	76.8	76.2	76.5	75.0	74.7	75.0	73.9	72.7	72.8	73.3	72.8	72.8	73.7	78.9	70.1
„ 24,	73.1	72.9	73.1	72.8	72.8	72.8	74.0	75.5	77.8	78.0	79.7	80.5	81.5	80.0	81.0	82.0	81.0	77.7	76.2	75.3	74.9	74.5	74.3	73.7	76.5	82.6	72.6
„ 25,	73.2	72.8	72.7	72.0	71.8	72.4	73.8	76.0	78.3	79.6	81.0	83.2	84.6	84.7	85.3	85.0	82.3	80.0	78.0	77.0	76.7	76.4	75.8	75.1	77.8	85.6	71.8
„ 26,	75.0	74.7	74.5	74.5	74.7	73.5	76.7	78.1	79.7	81.8	82.8	83.6	84.0	85.0	86.3	81.5	80.7	79.8	79.5	78.3	78.2	78.2	72.7	70.5	78.5	86.9	70.5
„ 27,	69.0	68.7	68.6	66.6	66.0	65.7	66.7	67.6	67.9	68.5	68.3	67.6	68.3	67.0	65.7	65.8	66.3	67.0	67.0	67.4	67.6	67.6	67.7	68.4	67.4	69.0	65.1
„ 28,	68.0	68.3	68.6	68.6	68.4	68.1	68.7	70.2	70.7	70.7	71.6	71.8	71.0	71.7	71.3	71.6	71.0	70.4	70.0	69.4	70.0	70.5	70.8	69.7	70.0	71.9	68.0
„ 29,	70.5	70.6	70.5	70.6	70.0	70.6	71.0	71.0	70.5	71.1	72.5	73.0	73.5	73.0	73.2	73.0	72.7	71.8	71.4	72.0	72.0	72.1	72.5	72.4	71.7	74.2	70.0
„ 30,	72.5	72.4	71.9	71.7	71.8	71.8	72.0	72.9	73.5	73.0	72.8	74.0	74.0	74.1	74.0	74.9	74.7	74.3	74.5	74.2	73.9	73.8	74.5	74.9	73.4	75.1	71.4
Means,	68.3	68.0	67.8	67.5	67.4	67.4	68.2	69.2	70.5	71.1	71.9	72.4	72.7	72.2	71.7	71.2	70.8	70.1	69.6	69.3	69.3	69.3	69.0	68.8	69.7	74.0	66.4

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION, FOR THE MONTH OF APRIL, 1911.

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, ...	61.6	62.0	61.4	61.3	60.5	60.2	60.3	61.0	61.5	59.8	60.3	60.8	60.3	59.3	59.7	60.3	59.8	60.0	59.8	60.0	60.6	61.0	60.5	60.7	60.5	112.7
" 2, ...	60.5	60.5	60.4	59.9	60.0	59.9	59.7	61.3	60.4	62.6	62.3	61.6	62.6	62.7	62.5	62.3	61.6	61.2	62.0	62.1	62.8	62.8	63.3	63.5	61.6	113.3
" 3, ...	63.2	62.3	62.4	61.3	59.9	59.8	61.3	62.0	61.5	62.5	62.8	61.8	62.1	61.8	62.0	63.0	62.8	63.3	63.6	63.8	64.3	63.8	63.5	63.4	62.4	125.3
" 4, ...	62.6	62.3	62.5	62.3	62.3	61.7	61.6	62.2	64.0	64.6	63.6	63.8	64.4	63.8	63.6	63.8	64.1	64.3	64.3	64.1	64.6	64.9	65.0	65.2	63.6	123.8
" 5, ...	65.9	65.9	65.6	65.6	65.2	65.3	66.0	66.5	67.8	68.0	68.4	67.8	67.6	67.3	67.3	67.8	67.8	67.4	67.2	67.0	67.0	67.3	67.2	67.4	66.9	127.3
" 6, ...	67.1	67.4	66.7	65.8	64.6	64.8	65.4	65.8	65.4	65.0	66.0	65.5	65.5	65.6	65.8	65.3	65.2	64.6	65.5	65.2	65.7	66.0	65.9	65.4	65.6	114.7
" 7, ...	65.3	64.7	65.0	65.3	65.1	64.9	64.6	65.0	65.1	65.4	66.0	66.1	66.0	65.8	66.3	65.4	66.1	65.8	66.0	66.0	66.3	66.1	65.8	66.0	65.6	127.8
" 8, ...	66.0	65.6	65.5	65.3	65.7	65.6	66.0	67.2	68.0	67.8	68.8	68.9	69.1	68.8	69.3	69.6	69.4	68.8	68.8	69.1	68.8	68.8	68.6	69.0	67.9	133.0
" 9, ...	69.1	68.8	68.5	68.6	69.0	69.6	69.4	70.8	70.8	70.9	70.8	71.9	71.7	71.8	70.5	69.8	70.8	70.2	70.4	69.6	69.8	68.9	69.6	69.3	70.0	121.0
" 10, ...	69.2	69.4	69.6	69.9	70.2	70.5	71.2	71.4	71.6	71.8	71.6	71.8	71.6	71.1	69.1	69.9	70.0	69.3	69.4	69.8	69.8	69.6	68.5	67.5	70.2	96.2
" 11, ...	67.5	66.7	65.9	65.3	64.5	64.7	64.9	64.9	66.8	66.3	66.1	67.4	67.8	66.6	66.8	67.0	66.1	65.0	63.9	63.8	64.0	63.5	62.5	61.9	65.4	122.8
" 12, ...	60.5	60.9	61.1	60.9	60.8	59.8	61.2	62.0	62.4	63.3	63.8	66.3	63.1	61.8	62.8	62.6	61.5	61.8	62.7	63.1	63.6	62.7	63.5	62.7	62.3	116.0
" 13, ...	62.5	62.5	62.7	63.1	63.6	63.8	64.0	64.8	66.6	67.2	66.6	66.7	65.9	65.1	64.5	64.4	64.5	64.0	64.5	63.6	64.3	64.4	64.6	64.5	64.5	118.3
" 14, ...	64.7	64.5	64.3	64.5	64.8	64.8	64.8	65.4	65.4	65.1	65.6	65.6	65.7	65.1	65.1	65.0	65.0	65.4	64.8	64.7	64.9	65.2	65.5	65.5	65.1	105.5
" 15, ...	65.3	64.8	64.3	63.9	63.8	63.8	64.0	64.3	64.8	64.9	64.7	65.2	64.4	65.5	62.2	63.1	63.8	63.5	62.9	63.4	63.5	63.8	63.5	63.5	64.0	119.6
" 16, ...	63.5	63.5	63.5	63.8	64.3	63.8	64.0	64.2	65.0	64.0	63.4	63.5	63.2	63.1	62.8	62.2	62.8	62.9	63.4	63.2	63.8	63.5	64.1	61.0	63.4	114.7
" 17, ...	60.3	59.5	58.5	58.6	58.4	58.0	59.2	57.3	58.4	58.4	57.8	59.1	59.3	59.8	58.2	59.0	58.0	56.6	56.8	57.6	57.0	56.6	57.6	56.9	58.2	94.1
" 18, ...	56.3	57.5	56.7	56.8	57.0	59.2	58.7	58.4	58.8	58.9	58.0	59.8	59.8	58.8	58.3	58.2	57.6	57.4	57.4	59.8	60.3	60.5	60.5	60.5	58.5	115.6
" 19, ...	60.1	59.5	59.3	59.1	58.8	58.8	58.5	58.0	58.0	59.4	60.9	62.1	63.6	63.8	63.6	63.8	63.7	64.4	63.4	63.8	63.5	63.8	63.4	63.8	61.5	106.1
" 20, ...	63.4	63.2	63.3	63.4	63.4	63.3	64.3	64.6	65.1	64.9	66.6	67.8	68.4	67.8	67.8	64.8	64.3	64.0	66.3	66.8	66.6	67.0	66.7	66.7	65.4	119.5
" 21, ...	65.8	65.7	65.7	65.8	65.8	66.0	66.0	66.8	67.2	68.1	68.5	67.8	66.8	68.2	68.6	67.0	67.1	67.9	67.5	67.4	67.8	67.4	67.5	67.2	67.1	118.0
" 22, ...	65.8	66.6	66.2	66.0	66.1	66.3	67.9	68.6	69.8	70.9	71.5	71.5	71.8	69.8	70.6	70.0	70.4	70.8	70.3	70.4	70.4	70.6	69.9	69.8	69.3	122.7
" 23, ...	70.5	70.5	70.5	71.8	70.4	70.3	70.5	71.1	71.4	71.6	72.0	72.8	71.8	71.8	71.8	71.4	71.0	71.8	71.3	70.4	70.7	71.2	70.7	71.0	71.2	139.1
" 24, ...	71.5	71.5	71.6	71.5	71.5	71.4	72.2	72.6	73.3	73.8	73.6	73.8	75.1	74.3	73.8	74.0	74.6	72.8	72.6	72.6	72.8	73.0	72.4	72.1	72.8	131.2
" 25, ...	71.4	70.6	71.3	70.6	70.5	70.8	72.0	73.2	73.5	74.5	73.4	74.8	75.8	75.4	75.4	75.3	75.5	74.5	74.8	74.3	74.0	74.2	73.8	73.5	73.5	132.7
" 26, ...	73.5	73.1	72.5	72.4	72.3	72.4	73.8	75.0	75.2	75.0	75.8	75.3	76.3	76.2	77.4	76.0	76.5	76.1	76.1	76.2	76.0	76.3	70.5	68.1	74.5	130.5
" 27, ...	65.4	65.5	65.6	62.7	64.9	63.8	63.3	63.3	63.8	63.5	63.4	63.6	63.8	63.1	63.0	63.0	64.2	64.6	64.6	65.1	65.4	66.0	66.2	66.6	64.3	98.1
" 28, ...	66.5	66.1	66.0	66.2	66.1	66.4	67.0	67.3	67.2	66.8	67.3	67.6	67.6	67.6	68.1	68.0	67.3	67.5	67.1	67.3	67.8	68.5	68.6	68.3	67.3	101.5
" 29, ...	69.3	69.4	69.6	69.5	69.0	69.6	70.4	69.8	69.8	69.8	70.6	71.2	71.4	71.0	70.6	70.8	70.8	70.3	70.3	70.8	70.9	71.1	71.5	71.2	70.4	118.3
" 30, ...	71.4	71.4	71.0	70.9	71.2	71.3	71.5	71.7	72.6	72.4	72.3	73.3	72.8	73.1	73.0	74.1	73.8	73.6	73.9	73.5	73.5	73.4	73.8	74.1	72.7	104.4
Means, ...	65.6	65.4	65.2	65.1	65.0	65.0	65.5	65.9	66.4	66.6	66.7	67.2	67.2	66.9	66.7	66.6	66.5	66.3	66.4	66.5	66.7	66.7	66.5	66.2	66.2	117.5

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR, FOR THE MONTH OF APRIL, 1911.

Hours.	Hourly Means.		Date.	Daily Means.	
	Humidity.	Tension.		Humidity.	Tension.
			1911.		
1 a.	86	0.602	April. 1,.....	84	0.491
2 „	87	.599	„ 2,.....	80	.501
3 „	87	.594	„ 3,.....	80	.514
4 „	87	.595	„ 4,.....	80	.538
5 „	87	.592	„ 5,.....	82	.610
6 „	87	.592	„ 6,.....	87	.597
7 „	86	.600	„ 7,.....	86	.596
8 „	83	.600	„ 8,.....	83	.637
9 „	80	.601	„ 9,.....	89	.705
10 „	78	.600	„ 10,.....	95	.725
11 „	75	.593	„ 11,.....	80	.574
Noon.	75	.604	„ 12,.....	75	.499
1 p.	74	.600	„ 13,.....	88	.577
2 „	74	.596	„ 14,.....	88	.591
3 „	76	.595	„ 15,.....	76	.535
4 „	78	.599	„ 16,.....	78	.529
5 „	79	.600	„ 17,.....	67	.405
6 „	81	.602	„ 18,.....	59	.385
7 „	84	.613	„ 19,.....	75	.486
8 „	86	.620	„ 20,.....	78	.570
9 „	87	.628	„ 21,.....	80	.611
10 „	87	.628	„ 22,.....	81	.662
11 „	87	.624	„ 23,.....	88	.732
Midt.	87	.616	„ 24,.....	83	.758
			„ 25,.....	81	.769
			„ 26,.....	82	.801
			„ 27,.....	84	.563
			„ 28,.....	86	.634
			„ 29,.....	94	.728
			„ 30,.....	97	.796
Mean, ...	82	0.604	Means,.....	82	0.604

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.
1911.														
April. 1,.....	...	...	...	0.3	...	...	...	0.2	...	...	0.2	0.2	...	0.9
„ 2,.....	...	...	0.6	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	...	9.4
„ 3,.....	...	0.4	0.6	...	0.6	0.9	0.5	1.0	1.0	1.0	0.3	...	...	6.3
„ 4,.....	...	...	...	0.5	1.0	0.5	1.0	0.6	...	...	...	...	...	3.6
„ 5,.....	...	0.6	1.0	1.0	1.0	1.0	1.0	0.4	1.0	1.0	1.0	0.7	...	9.7
„ 6, ...	...	...	...	0.7	...	...	...	...	0.4	1.0	1.0	0.2	...	3.3
„ 7,.....	...	...	...	0.1	...	0.2	0.8	0.4	0.3	0.1	...	...	...	1.9
„ 8,.....	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.9	1.0	0.1	...	8.8
„ 9,.....	...	...	0.8	1.0	0.4	...	0.1	0.2	0.5	...	0.3	0.5	...	3.8
„ 10,.....	...	...	...	...	...	...	...	...	...	...	0.4	0.9	...	1.3
„ 11,.....	...	0.4	1.0	0.9	1.0	1.0	1.0	1.0	0.5	0.6	0.9	0.1	...	8.4
„ 12,.....	...	...	0.2	0.9	1.0	0.9	0.7	0.4	...	...	...	...	...	4.1
„ 13,.....	...	...	...	0.5	1.0	0.3	...	...	...	...	...	...	...	1.8
„ 14,.....	...	...	...	...	...	...	...	...	0.1	...	0.2	...	...	0.3
„ 15,.....	...	0.1	...	...	0.1	0.9	1.0	1.0	0.9	1.0	1.0	0.6	...	6.6
„ 16,.....	...	...	0.4	0.1	...	...	0.4	...	...	...	...	...	...	0.9
„ 17,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 18,.....	...	...	...	0.3	0.2	0.3	...	0.5	...	0.5	...	...	...	1.8
„ 19,.....	...	...	...	...	...	0.1	...	...	...	...	...	...	...	0.1
„ 20,.....	...	...	...	...	...	0.1	0.7	1.0	1.0	1.0	1.0	1.0	0.3	6.1
„ 21,.....	...	...	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	9.8
„ 22,.....	...	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
„ 23,.....	...	...	...	0.1	0.5	0.8	0.9	0.7	0.1	0.9	1.0	1.0	0.3	6.3
„ 24,.....	...	0.1	0.4	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	9.7
„ 25,.....	...	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	11.0
„ 26,.....	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	...	...	9.3
„ 27,.....	...	...	...	...	...	...	...	0.1	...	...	...	...	...	0.1
„ 28,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 29,.....	...	...	...	...	...	0.2	0.1	0.4	0.1	0.4	0.5	0.4	..	2.1
„ 30,.....	...	...	...	...	...	...	...	0.1	...	...	...	...	...	0.1
Sums,.....	0.1	4.8	9.7	13.0	13.8	14.2	15.2	15.0	12.2	14.4	14.0	10.7	1.7	138.8

TABLE VI.

RAINFALL FOR THE MONTH OF APRIL, 1911.

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,	...	...	...	...	...	...	...	...	...	...	...	...	...	0.020	0.010	...	...	...	...	...	...	...	...	...	0.030	1
„ 2,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 3,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 4,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 5,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 6,	...	0.005	0.005	0.010	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.020	3
„ 7,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 8,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 9,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	...	0.005	1
„ 10,	...	0.010	...	...	...	...	...	...	0.035	0.080	0.230	0.210	0.140	0.160	0.315	...	...	...	...	...	0.005	0.010	0.020	...	1.215	7
„ 11,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 12,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.100	...	0.010	0.050	0.640	0.650	0.370	0.100	0.060	0.180	2.160	7
„ 13,	...	0.005	...	...	...	0.185	0.010	...	...	...	...	...	...	...	...	...	...	0.005	0.005	...	...	...	...	...	0.210	3
„ 14,	...	...	...	...	0.280	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.280	1
„ 15,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 16,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 17,	0.010	0.020	0.020	0.030	0.005	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.090	4
„ 18,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 19,	...	...	...	...	...	...	...	...	0.010	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.015	1
„ 20,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 21,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 22,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 23,	...	...	0.005	0.005	...	0.005	0.015	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.030	1
„ 24,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 25,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 26,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 27,	...	...	...	0.115	0.230	0.010	...	0.005	...	...	...	...	...	...	0.010	...	...	...	...	...	...	...	...	...	0.370	4
„ 28,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.045	0.045	5
„ 29,	0.040	0.025	0.020	0.025	0.040	0.035	0.030	0.005	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.225	10
„ 30,	...	...	...	...	...	...	...	...	...	0.490	0.265	0.330	...	...	...	...	...	0.005	...	...	...	0.150	...	...	1.240	4
Sums,	0.050	0.065	0.050	0.185	0.555	0.240	0.055	0.010	0.050	0.575	0.495	0.540	0.140	0.180	0.435	...	0.010	0.060	0.645	0.650	0.375	0.260	0.085	0.225	5.935	52

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND, FOR THE MONTH OF APRIL, 1911.

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	27	7	26	7	31	7	27	7	31	7	31	7	25	7	28	7	29	7	27	7	22	7	21	7	26	8	20	8	27	8	26	7	21	7	25	7	23	7	23	8	25	6	17	7	21	7	21	600	25.0	7
" 2	7	24	7	24	7	22	7	17	8	18	8	22	8	22	9	18	8	23	8	23	9	20	9	22	9	21	10	21	10	23	10	22	10	23	10	21	9	17	8	12	7	11	5	10	7	10	5	14	460	19.2	8
" 3	7	14	7	15	7	17	7	19	7	21	7	22	7	22	7	22	7	22	7	22	7	21	8	20	8	20	10	18	10	16	10	13	10	16	9	11	9	12	12	12	11	13	8	16	7	15	7	21	420	17.5	8
" 4	8	20	7	20	7	19	7	19	7	20	7	17	7	25	7	17	9	13	10	15	9	14	8	15	10	17	8	21	9	12	9	3	10	13	9	15	10	11	9	10	10	9	10	6	11	8	10	10	359	15.0	8
" 5	8	12	9	8	10	10	...	1	12	2	12	7	11	8	8	15	9	17	9	17	9	18	10	19	10	15	10	18	10	20	10	19	10	16	9	14	10	14	10	12	9	13	9	13	9	12	8	13	313	13.0	9
" 6	8	8	10	9	10	9	11	14	8	17	8	16	9	14	10	16	9	22	8	20	8	16	10	18	10	14	9	17	10	22	7	16	8	18	8	17	9	15	9	16	10	14	8	14	8	14	8	16	372	15.5	9
" 7	8	11	6	11	7	11	7	13	8	12	8	17	8	20	8	18	8	22	7	15	10	16	9	16	8	19	8	19	9	19	9	18	8	11	8	13	9	13	8	13	9	10	9	11	9	10	8	9	347	14.5	8
" 8	10	11	9	11	8	15	8	17	10	9	11	10	10	10	8	10	9	17	8	17	8	19	8	17	8	18	9	22	9	18	9	15	9	14	9	14	9	12	5	6	8	5	9	16	10	15	10	9	327	13.6	9
" 9	10	8	11	4	11	5	11	3	11	6	11	7	9	6	9	6	9	9	9	5	9	5	32	4	1	3	8	5	9	15	8	16	7	11	7	6	7	2	7	2	13	3	4	4	11	5	9	4	144	6.0	9
" 10	9	5	7	8	10	13	8	12	11	11	8	12	7	9	17	7	15	9	11	3	8	3	8	7	8	11	18	4	24	6	7	5	9	12	10	12	9	8	9	2	27	4	23	7	25	9	25	7	186	7.7	10
" 11	25	8	26	6	27	6	27	8	27	9	27	3	27	2	2	4	23	5	22	8	23	6	25	10	7	8	9	20	9	25	10	25	8	22	8	26	8	24	7	25	8	23	8	24	7	23	7	28	348	14.5	8
" 12	7	23	8	29	8	24	8	28	8	28	8	32	8	29	8	26	8	34	9	32	8	24	7	25	7	26	6	20	7	12	7	16	7	25	7	34	6	26	7	34	7	29	7	27	8	21	7	28	632	26.3	7
" 13	7	26	7	20	7	31	6	20	8	27	8	15	8	17	7	26	8	22	7	19	8	15	7	15	7	16	7	14	7	14	7	19	7	22	7	23	7	25	7	23	7	21	8	19	7	19	7	15	483	20.1	7
" 14	7	17	8	22	7	17	6	14	6	19	8	12	6	12	7	13	8	12	9	9	9	8	9	5	9	4	9	11	9	14	9	16	10	7	9	8	7	11	8	9	10	7	8	8	8	8	6	12	275	11.5	8
" 15	7	14	7	12	6	10	7	17	6	16	7	23	7	23	7	18	7	20	7	13	7	19	6	24	7	20	8	21	8	25	8	28	8	18	7	18	7	17	7	10	6	10	8	14	7	10	7	13	413	17.2	7
" 16	7	12	7	13	6	14	7	14	8	14	7	14	6	13	8	18	7	22	7	22	7	23	7	27	7	23	8	21	8	15	9	14	9	12	10	9	10	7	10	6	10	6	10	7	8	6	5	14	346	14.4	7
" 17	3	16	2	11	2	15	32	11	2	8	32	13	6	7	2	11	1	7	32	11	32	13	32	10	1	11	32	9	32	9	32	8	3	6	2	5	1	6	32	10	32	11	1	9	1	8	2	8	233	9.7	1
" 18	3	6	3	2	3	3	6	5	3	8	9	12	8	10	2	10	6	17	8	18	7	19	6	17	8	15	8	19	8	17	7	16	7	14	7	14	7	13	7	10	7	12	6	12	6	10	5	11	290	12.1	7
" 19	7	11	5	12	5	10	5	9	7	8	8	10	8	9	5	4	2	3	31	3	31	2	26	6	25	5	...	1	24	4	24	4	17	2	20	2	...	1	27	5	27	4	...	1	...	1	...	1	118	4.9	4
" 20	...	0	...	0	27	3	...	1	27	2	...	0	..	0	27	5	8	6	7	4	7	4	10	3	10	3	10	11	10	16	10	15	10	12	10	10	8	12	8	10	9	6	9	7	6	7	8	13	150	6.2	9
" 21	7	11	8	9	8	7	8	7	9	7	10	9	10	13	10	12	10	12	9	15	9	13	9	13	8	15	8	16	8	15	8	14	8	14	8	7	8	5	8	6	8	8	8	12	8	10	8	6	256	10.7	9
" 22	8	4	...	1	...	0	...	0	...	0	...	0	...	0	8	4	8	5	8	4	27	4	27	7	32	5	8	15	9	13	6	4	7	4	32	2	7	8	8	12	10	11	9	10	9	10	9	11	134	5.6	8
" 23	9	7	9	9	9	9	9	8	10	8	10	9	8	6	8	10	8	10	8	14	8	11	8	10	8	15	9	12	9	14	8	20	8	13	7	9	3	3	...	0	6	3	6	2	6	5	6	5	212	8.8	8
" 24	6	5	8	5	8	4	8	5	8	5	10	3	...	0	...	1	10	3	27	7	24	8	25	6	26	6	10	8	17	9	24	7	26	6	20	2	16	5	16	4	16	3	27	3	28	5	...	0	110	4.6	20
" 25	...	0	...	1	...	0	...	1	...	0	...	0	28	2	29	3	28	5	26	7	27	7	25	7	25	9	25	9	25	7	27	7	25	5	15	4	30	4	30	5	3	3	...	1	...	1	31	4	92	3.8	27
" 26	31	5	31	4	31	3	...	1	...	0	...	1	...	1	27	3	27	4	28	8	25	8	25	11	26	12	25	7	20	5	19	8	21	7	19	10	21	5	...	1	28	3	...	1	9	29	7	40	177	7.4	28
" 27	8	41	7	41	7	33	7	36	7	23	8	22	7	26	7	25	7	21	7	21	7	22	7	27	7	23	7	28	7	23	7	23	8	22	8	22	7	20	8	19	7	19	7	19	7	21	8	18	598	24.9	7
" 28	8	19	8	19	8	15	7	17	7	16	7	14	7	15	8	18	8	21	7	22	7	22	7	21	8	19	8	18	7	20	7	23	7	22	8	21	7	21	7	20	7	17	7	20	7	22	8	18	460	19.2	7
" 29	8	18	7	18	7	20	8	20	7	18	8	16	7	20	7	20	7	22	7	19	8	20	8	19	8	18	8	15	7	16	9	19	9	19	9	19	9	15	9	16	8	14	8	14	9	14	8	14	423	17.6	8
" 30	9	11	9	10	8	12	9	14	8	16	8	12	8	13	9	14	7	15	8	14	9	12	8	11	7	10	8	14	8	14	7	16	8	15	8	14	10	15	9	16	8	14	8	10	8	12	10	10	314	13.1	8
Sums	...	394	...	380	...	388	...	378	...	379	...	381	...	379	...	402	...	452	...	434	...	414	...	433	...	427	...	454	...	465	...	465	...	422	...	407	...	370	...	349	...	331	...	334	...	361	...	393	9592	399.7	...
Means	...	13.1	...	12.7	...	12.9	...	12.6	...	12.6	...	12.7	...	12.6	...	13.4	...	15.1	...	14.5	...	13.8	...	14.4	...	14.2	...	15.1	...	15.5	...	15.5	...	14.1	...	13.6	...	12.3	...	11.6	...	11.0	...	11.1	...	12.0	...	13.1	319.7	13.3	...

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
1911.												
April 1, ...	10	cum.	E	10	cum.	E	10	cum.	E	10	cum.	E
„ 2, ...	10	cum.	E	10	cum.	E	9	sm-cum. / cum.	W / E	2	c-str. / cum.	...
„ 3, ...	10	cum.	E	10	cum.	E	8	cum.	E	8	cum.	E
„ 4, ...	10	cum.	E	10	cum.	E	10	cum.	E	8	c-cum. / cum.	SSW / E
„ 5, ...	3	cum.	SE	4	cum.	SE	5	cum.	SE	5	cum.	SE
„ 6, ...	10	nim.	...	10	nim.	...	10	cum-nim.	SE	10	cum.	ESE
„ 7, ...	10	cum.	ESE	10	nim.	...	10	cum-nim.	ESE	10	cum.	E
„ 8, ...	6	cum.	E	5	cum.	E	6	c-str. / cum.	ESE	3	cum.	ESE
„ 9, ...	10	cum-nim.	...	10	cum.	ESE	9	cum.	SSW	9	cum.	SW
„ 10, ...	10	cum.	SSE	10	cum.	SSE	10	cum.	SSE	10	nim.	S
„ 11, ...	10	cum-nim.	S	10	cum.	SW	7	sm-cum.	W	8	sm-cum.	W
„ 12, ...	3	c-str. / sm-cum.	...	7	cum.	E	8	sm-cum. / cum.	W / E	7	sm-cum.	SW
„ 13, ...	10	nim.	E	10	cum-nim.	E	10	nim.	E	7	sm-cum. / cum.	W / ESE
„ 14, ...	10	sm-cum. / cum.	WSW / ESE	10	cum-nim.	ESE	10	sm-cum. / cum.	SE	10	cum.	ESE
„ 15, ...	10	cum.	E	10	cum.	E	9	sm-cum. / cum.	W / E	10	cum.	E
„ 16, ...	0	...	...	10	cum.	E	10	cum.	E	10	cum.	E
„ 17, ...	10	cum-nim.	...	10	nim.	...	10	cum-nim.	...	10	str-cum.	NE
„ 18, ...	10	str-cum.	...	10	cum-nim.	...	10	str-cum.	...	9	sm-cum. / cum.	WSW / E
„ 19, ...	10	cum.	...	10	cum.	...	10	cum-nim.	...	10	nim.	...
„ 20, ...	8	sm-cum.	W	10	sm-cum.	W	10	sm-cum.	SW	10	sm-cum. / cum.	SW / ..
„ 21, ...	10	sm-cum.	W	10	sm-cum. / cum.	W / ..	10	sm-cum.	WSW	1	cum.	...
„ 22, ..	0	...	...	0	...	...	0	...	...	5	cum.	SSE
„ 23, ...	10	cum.	SE	10	nim.	SE	10	nim.	SE	8	cum.	SSE
„ 24, ...	3	cum.	...	9	cum.	SSE	9	cum.	SSW	4	cum.	SW
„ 25, ...	0	...	...	1	cum.	...	2	cum.	...	2	cum.	...
„ 26, ...	0	...	...	0	...	...	0	...	...	1	cum.	...
„ 27, ...	8	cum.	E	10	nim.	...	10	cum.	E	10	cum-nim.	SE
„ 28, ...	10	cum-nim.	...	10	cum-nim.	...	10	cum.	E	10	cum.	E
„ 29, ...	10	nim.	...	10	nim.	...	10	nim.	E	10	cum-nim.	E
„ 30, ...	10	cum-nim.	...	10	cum-nim	...	10	cum-nim.	...	10	nim.	...
.....	...	...	...	...	...	...	...	...	...	...	...	...
Means,...	7.7	...	...	8.5	...	...	8 4	...	...	7.6	...	...

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	
1911.													
April 1,...	10	cum.	E	10	nim.	E	8	sm-cum. / cum.	WSW / ESE	10	cum.	...	9.7
„ 2,...	1	cum.	...	0	...	...	2	c-str.	...	10	cum.	E	5.5
„ 3,...	8	c-str. / cum.	WNW / E	9	c-str. / cum.	WNW / E	10	cum.	E	10	nim.	E	9.1
„ 4,...	9	c-str. / cum.	WSW / SE	10	c-str. / cum.	SE	10	cum.	SE	6	cum.	SE	9.1
„ 5,...	3	cum.	SE	4	cum.	SE	0	...	...	9	c-str. / cum.	ESE	4.1
„ 6,...	10	cum.	ESE	8	c-str. / cum.	ESE	2	c-str.	...	9	cum.	ESE	8.6
„ 7,...	10	sm-cum. / cum.	WSW / E	10	cum.	E	10	cum.	E	9	cum.	E	9.9
„ 8,...	5	sm-cum. / cum.	ESE	7	c-str. / cum.	ESE	10	cum.	ESE	10	sm-cum. / cum.	SW / ESE	6.5
„ 9,...	10	sm-cum. / cum.	SW	10	sm-cum.	WSW	10	sm-cum.	W	10	nim.	...	9.8
„ 10,...	10	nim.	S	10	sm-cum. / cum.	W / ESE	10	sm-cum. / cum.	W / SSE	10	cum-nim.	...	10.0
„ 11,...	3	cum.	...	7	cum.	E	9	cum.	E	8	cum.	E	7.7
„ 12,...	9	cum.	E	10	cum-nim.	ESE	10	nim.	E	10	cum-nim.	S	8.0
„ 13,...	10	cum.	ESE	10	cum.	E	10	cum-nim.	SE	10	sm-cum. / cum.	WSW / ESE	9.6
„ 14,...	10	sm-cum. / cum.	WSW / ESE	10	sm-cum. / cum.	WSW / ..	2	cum.	...	10	cum.	E	9.0
„ 15,...	6	sm-cum. / cum.	W / E	1	cum.	E	0	...	...	5	sm-cum.	W	6.4
„ 16,...	10	sm-cum. / cum.	W / ..	10	sm-cum. / cum.	W / ..	10	nim.	...	10	cum-nim.	...	8.8
„ 17,...	10	str-cum.	...	10	nim.	...	10	str-cum.	...	10	str-cum.	...	10.0
„ 18,...	9	sm-cum. / cum.	W / E	10	sm-cum.	W	10	cum.	...	10	str-cum.	...	9.7
„ 19,...	10	cum-nim.	...	10	cum.	...	10	str-cum.	...	6	cum.	...	9.5
„ 20,...	3	sm-cum. / cum.	SE	3	c-cum.	...	5	sm-cum.	W	10	cum.	E	7.4
„ 21,...	2	cum.	...	1	cum.	...	2	c-cum.	...	0	...	...	4.5
„ 22,...	3	cum.	SSE	2	cum.	SE	1	c-str.	...	1	cum.	...	1.5
„ 23,...	8	cum.	S	5	sm-cum. / cum.	SE	1	cum.	...	2	sm-cum.	...	6.8
„ 24,...	4	cum.	N	4	cum.	...	0	...	...	0	...	...	4.1
„ 25,...	1	cum.	...	0	...	...	0	...	...	0	...	...	0.7
„ 26,...	2	sm-cum. / cum.	W / ..	8	sm-cum. / cum.	WSW / ..	10	sm-cum. / cum.	WSW / ..	7	cum.	E	3.5
„ 27,...	10	sm-cum. / cum.	SE	10	nim.	SE	10	cum-nim.	ESE	10	cum.	...	9.8
„ 28,...	10	cum.	ESE	10	cum.	ESE	10	nim.	E	10	cum.	E	10.0
„ 29,...	10	cum.	E	8	sm-cum. / cum.	E	10	cum.	ESE	10	cum-nim.	...	9.7
„ 30,...	10	cum-nim.	SE	10	cum.	SE	10	nim.	SSE	10	nim.	...	10.0
.....	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,...	7.2	...	...	7.2	...	...	6.7	...	...	7.7	...	...	7.6

TABLE IX.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR THE MONTH OF APRIL, 1911.

Hours.	Components (miles per hour).						Direction.
	N	E	S	W	+N −S	+E −W	
1 a.	2.0	12.3	0.4	0.3	+ 1.7	+12.0	E 8° N
2 „	2.3	11.8	0.4	0.2	1.9	11.6	E 9° N
3 „	2.6	11.8	0.6	0.3	2.0	11.6	E 10° N
4 „	2.3	11.5	0.5	0.2	1.8	11.3	E 9° N
5 „	2.0	11.7	0.6	0.3	1.4	11.4	E 7° N
6 „	1.3	11.9	0.8	0.1	0.5	11.8	E 2° N
7 „	1.6	12.3	0.6	0.1	1.0	12.2	E 5° N
8 „	2.2	12.1	0.9	0.3	1.3	11.8	E 6° N
9 „	1.8	14.0	1.0	0.4	0.7	13.6	E 8° N
10 „	2.1	12.9	0.9	0.9	1.2	12.0	E 6° N
11 „	1.7	12.2	0.9	1.0	0.9	11.1	E 4° N
Noon.	2.3	12.2	0.9	1.5	1.4	10.6	E 7° N
1 p.	1.9	12.5	0.8	1.0	+ 1.1	11.5	E 6° N
2 „	0.9	13.8	1.6	0.6	− 0.7	13.2	E 3° S
3 „	0.9	13.9	2.6	0.8	1.7	13.1	E 7° S
4 „	1.3	14.1	2.1	0.7	0.8	13.4	E 3° S
5 „	1.0	13.1	1.7	0.6	0.7	12.5	E 3° S
6 „	1.1	12.6	1.7	0.3	− 0.6	12.4	E 3° S
7 „	1.6	11.4	1.5	0.2	+ 0.2	11.2	E 1° N
8 „	1.6	10.6	1.0	0.2	0.6	10.4	E 3° N
9 „	1.5	9.9	1.2	0.3	0.3	9.6	E 2° N
10 „	1.5	10.2	0.6	0.3	1.0	9.9	E 6° N
11 „	1.7	11.1	0.9	0.4	0.7	10.7	E 4° N
Midt.	2.6	12.0	0.5	0.3	+ 2.1	+11.7	E 10° N
Means,.....	1.7	12.2	1.0	0.5	+0.72	+11.69	E 4° N

PHENOMENA :—

Solar Corona :—on the 4th.

Fog :—on the 25th.

Slight fog :—on the 10th., 26th and 30th.

Haze :—on the 11th. and 24th.

Dew :—on the 20th., 22nd., 24th., 25th and 26th.

Rainbow :—on the 11th.

Lightning without thunder :—on the 26th.

Thunder without lightning :—on the 9th. and 13th.

Thunderstorms :—on the 10th. 9.25a—1.40p, SW—NE, nearest at 11.19a (8°) ; 12th. 5.p—10p, SSW—NNE, nearest at 7. 10p (9°) ; 14th. 4.45a—5.10a, NE—SW, nearest at 4.45a (3°) ; 30th. 8.43p—9.20p, in SE, distant.

TABLE I.

BAROMETRIC PRESSURE, FOR THE MONTH OF MAY, 1911.

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,...	29.772	29.754	29.754	29.751	29.761	29.768	29.802	29.824	29.834	29.842	29.846	29.832	29.814	29.797	29.784	29.783	29.786	29.794	29.812	29.830	29.850	29.869	29.860	29.853	29.807
" 2,...	.844	.838	.826	.822	.829	.840	.858	.866	.878	.890	.884	.869	.845	.819	.799	.789	.791	.817	.827	.845	.847	.870	.881	.865	.843
" 3,...	.811	.817	.823	.807	.801	.791	.812	.837	.855	.853	.857	.851	.830	.819	.811	.803	.799	.809	.833	.841	.853	.862	.859	.850	.828
" 4,...	.841	.832	.827	.827	.836	.854	.867	.885	.889	.891	.887	.876	.857	.832	.808	.792	.796	.807	.815	.854	.878	.887	.892	.888	.851
" 5,...	.890	.880	.869	.862	.866	.864	.872	.895	.902	.903	.890	.878	.859	.840	.822	.809	.804	.822	.858	.870	.882	.900	.902	.880	.867
" 6,...	.870	.854	.846	.847	.854	.866	.872	.888	.894	.914	.900	.891	.874	.850	.829	.814	.800	.798	.810	.840	.856	.868	.868	.860	.857
" 7,...	.835	.820	.812	.804	.812	.812	.824	.838	.859	.856	.848	.840	.822	.800	.786	.774	.773	.777	.774	.782	.793	.806	.804	.790	.810
" 8,...	.752	.734	.716	.713	.710	.720	.740	.754	.766	.762	.760	.754	.725	.698	.684	.670	.662	.673	.686	.704	.714	.732	.742	.728	.721
" 9,...	.718	.700	.699	.698	.698	.712	.732	.768	.780	.780	.779	.770	.754	.724	.706	.678	.694	.707	.726	.734	.744	.762	.760	.758	.733
" 10,...	.764	.742	.725	.722	.712	.736	.764	.772	.790	.808	.800	.793	.777	.749	.723	.703	.711	.708	.719	.749	.761	.775	.781	.769	.752
" 11,...	.755	.721	.717	.716	.729	.747	.775	.799	.811	.825	.821	.807	.780	.765	.745	.717	.717	.731	.733	.757	.775	.785	.791	.777	.762
" 12,...	.771	.747	.741	.733	.743	.779	.798	.801	.815	.815	.810	.808	.781	.758	.732	.711	.714	.734	.748	.756	.772	.792	.783	.778	.767
" 13,...	.766	.754	.748	.742	.746	.758	.764	.775	.786	.792	.784	.766	.734	.718	.698	.670	.678	.698	.712	.722	.726	.719	.742	.744	.739
" 14,...	.726	.704	.693	.685	.684	.692	.710	.726	.742	.736	.734	.717	.706	.697	.669	.655	.669	.661	.703	.715	.735	.728	.734	.737	.707
" 15,...	.717	.711	.715	.723	.719	.721	.743	.753	.772	.784	.789	.789	.781	.759	.749	.748	.759	.769	.783	.803	.809	.808	.819	.823	.764
" 16,...	.825	.811	.799	.795	.789	.797	.801	.817	.838	.843	.827	.820	.792	.774	.760	.742	.738	.748	.752	.770	.782	.788	.785	.778	.790
" 17,...	.767	.748	.736	.736	.749	.762	.772	.784	.805	.808	.804	.793	.772	.756	.736	.724	.729	.734	.734	.752	.776	.784	.776	.752	.762
" 18,...	.738	.735	.730	.724	.734	.736	.735	.756	.764	.770	.760	.747	.741	.723	.711	.701	.701	.721	.715	.722	.734	.735	.741	.723	.733
" 19,...	.707	.693	.687	.681	.683	.691	.703	.714	.723	.719	.713	.707	.697	.681	.665	.657	.653	.659	.673	.695	.697	.707	.705	.685	.691
" 20,...	.663	.651	.652	.647	.651	.657	.669	.680	.697	.701	.713	.716	.708	.684	.656	.642	.648	.660	.672	.688	.700	.702	.696	.679	.676
" 21,...	.701	.682	.652	.658	.668	.689	.698	.710	.722	.734	.729	.711	.690	.666	.654	.646	.644	.648	.664	.678	.690	.698	.702	.688	.684
" 22,...	.686	.666	.664	.662	.674	.690	.709	.716	.728	.742	.744	.738	.715	.706	.686	.680	.682	.694	.706	.723	.738	.744	.737	.722	.706
" 23,...	.720	.700	.696	.688	.694	.710	.724	.736	.742	.740	.738	.714	.682	.662	.648	.624	.618	.634	.650	.662	.669	.674	.670	.671	.683
" 24,...	.650	.617	.610	.600	.616	.630	.648	.656	.670	.690	.684	.669	.645	.621	.611	.607	.603	.614	.637	.650	.655	.669	.667	.651	.640
" 25,...	.641	.629	.631	.615	.617	.639	.654	.671	.689	.687	.675	.672	.655	.641	.609	.596	.603	.617	.629	.648	.663	.681	.689	.681	.647
" 26,...	.662	.649	.637	.631	.629	.647	.674	.695	.723	.725	.708	.697	.691	.679	.678	.666	.655	.663	.663	.679	.699	.722	.727	.714	.680
" 27,...	.701	.687	.679	.675	.667	.673	.689	.705	.723	.725	.704	.696	.685	.683	.664	.657	.648	.645	.653	.675	.679	.697	.709	.697	.684
" 28,...	.649	.633	.629	.622	.623	.643	.651	.669	.685	.667	.656	.643	.609	.615	.601	.569	.553	.544	.558	.589	.603	.601	.603	.589	.617
" 29,...	.575	.553	.533	.527	.537	.551	.564	.579	.595	.593	.591	.587	.575	.563	.553	.535	.539	.543	.555	.585	.605	.617	.609	.612	.570
" 30,...	.605	.611	.603	.613	.621	.629	.649	.655	.671	.681	.689	.675	.647	.639	.633	.617	.627	.636	.647	.685	.703	.733	.737	.731	.656
" 31,...	.709	.705	.707	.709	.715	.749	.771	.792	.803	.799	.791	.791	.794	.779	.767	.761	.763	.779	.787	.811	.825	.837	.837	.825	.775
Means,.....	29.736	29.722	29.715	29.711	29.715	29.728	29.743	29.759	29.769	29.777	29.771	29.762	29.743	29.726	29.709	29.695	29.695	29.705	29.717	29.736	29.749	29.760	29.762	29.752	29.736

TABLE II.

TEMPERATURE, FOR THE MONTH OF MAY, 1911.

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,	74.9	75.1	75.9	75.5	75.5	76.0	76.8	77.2	76.3	77.0	78.7	78.5	80.8	78.4	78.0	77.0	74.8	74.2	74.0	73.8	73.2	73.2	72.9	72.7	75.8	80.9	72.5
" 2,	72.3	72.1	72.0	71.7	71.8	71.8	71.0	71.1	71.0	70.9	71.4	71.1	71.5	71.0	71.0	70.9	71.0	70.5	70.0	70.8	70.8	70.8	71.1	71.0	71.2	72.6	70.0
" 3,	70.9	70.9	70.8	70.7	71.1	71.1	71.0	71.4	71.7	72.0	72.6	73.4	74.0	74.0	74.3	74.0	73.2	73.0	72.8	72.4	72.9	72.8	72.7	72.9	72.4	74.5	70.3
" 4,	72.7	72.7	72.9	72.8	72.8	73.0	73.5	74.9	76.8	78.3	78.8	80.0	80.8	80.0	78.5	77.7	77.2	76.4	75.0	74.8	75.0	74.4	74.6	74.4	75.7	80.8	72.6
" 5,	74.2	73.7	73.5	73.5	73.6	74.0	74.2	75.1	77.3	78.7	79.8	80.0	81.2	80.0	79.6	78.2	78.0	76.8	75.7	75.2	75.2	75.2	75.2	75.0	76.4	81.2	73.3
" 6,	74.9	75.1	75.2	75.0	74.8	75.4	76.3	76.7	77.0	78.0	78.6	77.5	78.2	77.8	77.0	76.7	76.0	75.8	75.1	75.1	75.2	75.3	75.2	74.9	76.1	78.6	74.6
" 7,	74.8	74.2	73.7	73.7	74.0	7 .7	73.8	74.5	74.4	75.5	75.0	74.3	74.0	74.0	74.4	73.4	73.4	73.1	73.1	73.7	73.8	73.9	74.6	74.0	74.0	75.8	72.4
" 8,	73.4	73.3	72.7	73.1	71.8	72.0	72.0	72.0	72.8	72.8	73.0	72.8	72.2	72.7	72.8	72.7	72.7	72.8	72.9	72.0	73.4	73.2	73.2	72.8	72.7	74.4	71.5
" 9,	73.3	73.0	72.8	72.3	71.8	72.0	72.0	72.1	72.8	72.6	73.7	75.0	75.0	75.1	74.6	74.0	74.0	73.4	73.8	74.0	73.8	73.8	73.6	73.4	73.4	75.4	71.7
" 10,	72.8	72.7	72.7	72.6	72.9	73.2	73.6	73.8	75.0	74.2	73.8	73.8	73.3	74.7	75.1	75.0	74.8	74.5	74.3	74.2	74.4	74.4	74.8	74.9	74.0	75.1	72.4
" 11,	74.9	74.8	74.3	73.8	73.8	73.7	74.0	74.6	75.0	76.0	77.0	76.7	76.7	77.4	77.2	77.5	76.8	76.7	76.0	75.8	75.8	75.6	75.5	75.4	75.6	77.6	73.0
" 12,	75.3	75.2	74.8	75.9	76.3	74.8	74.0	74.8	74.8	75.4	76.4	75.0	74.6	74.7	75.5	76.3	75.0	75.0	74.4	74.4	74.0	73.8	73.8	73.7	74.9	76.5	73.2
" 13,	73.6	73.6	73.8	74.7	74.8	75.0	76.6	77.8	80.4	80.4	81.9	83.0	83.0	81.7	82.3	82.4	80.7	79.5	79.6	79.2	79.0	78.7	78.7	78.8	78.7	83.7	73.2
" 14,	78.7	78.7	78.9	78.5	78.8	79.3	79.2	79.7	80.0	81.0	83.0	82.4	80.2	81.7	80.9	81.2	80.4	79.7	79.6	78.7	78.0	77.6	76.7	76.7	79.6	83.5	76.7
" 15,	76.0	76.0	75.7	74.9	74.7	74.4	75.4	74.8	74.9	73.8	73.6	73.3	73.4	73.5	73.3	72.7	72.6	72.3	72.4	71.8	71.8	71.8	71.6	71.4	73.6	76.7	70.9
" 16,	71.2	71.4	71.6	69.6	69.2	68.6	68.4	68.6	68.5	69.0	68.4	68.4	69.1	69.7	69.0	68.7	68.8	69.0	68.7	69.6	69.5	68.9	69.4	69.6	69.3	71.6	68.1
" 17,	69.4	69.4	69.5	68.7	69.0	69.1	69.7	70.8	71.6	72.5	73.6	74.5	76.0	76.0	75.2	74.8	73.7	73.0	72.7	72.8	73.0	72.8	72.2	72.2	72.2	76.1	68.7
" 18,	72.3	72.8	72.9	72.3	72.0	72.0	73.0	73.4	74.7	74.4	74.5	74.3	74.4	74.0	73.8	72.7	72.0	71.6	72.5	73.0	73.1	73.3	73.2	73.5	73.2	75.6	71.6
" 19,	73.3	73.3	72.7	73.1	73.0	72.8	72.7	73.0	73.7	73.8	73.8	74.0	74.0	74.0	74.6	74.7	74.9	75.0	75.0	75.0	75.1	75.0	75.1	75.3	74.0	75.4	72.6
" 20,	75.3	75.2	74.8	75.0	74.9	75.8	77.2	77.0	77.0	74.8	73.6	73.4	73.8	74.2	74.8	76.2	75.3	76.5	74.6	74.2	74.0	73.9	73.4	73.2	74.9	77.2	73.0
" 21,	71.9	72.0	72.1	71.7	71.7	72.6	74.2	76.3	77.6	78.3	79.0	80.9	81.6	83.0	84.0	82.1	82.9	81.0	79.1	78.8	77.9	78.0	77.3	77.1	77.5	86.1	71.1
" 22,	76.9	77.1	76.9	76.8	77.0	77.0	78.0	77.8	78.3	77.8	78.0	74.6	75.3	76.7	76.0	75.3	75.6	74.9	74.9	74.7	74.8	74.7	74.5	74.4	76.2	79.9	74.1
" 23,	74.4	74.2	74.1	73.9	74.0	74.0	74.4	75.8	76.1	76.8	76.7	78.6	78.0	77.5	77.5	77.2	78.0	77.0	76.6	76.6	76.3	76.1	76.1	76.0	76.1	78.9	73.7
" 24,	76.1	75.8	75.6	74.8	74.0	74.6	74.8	74.8	75.7	74.8	74.5	74.0	74.6	74.7	74.7	75.0	75.0	75.3	75.3	75.2	75.5	75.5	74.9	75.2	75.0	76.6	74.0
" 25,	75.2	74.9	74.7	75.0	75.4	76.7	76.0	76.8	77.8	78.0	82.0	81.8	78.0	80.0	81.5	81.8	80.5	79.0	78.0	78.3	78.0	77.9	78.4	77.9	78.1	82.0	74.7
" 26,	77.7	76.9	74.7	74.6	74.7	76.8	77.7	79.4	75.4	76.7	79.6	80.3	79.0	78.7	76.4	76.2	76.0	76.3	76.0	75.8	75.6	75.7	75.7	75.6	76.7	82.2	74.5
" 27,	75.1	74.9	75.0	75.2	75.8	76.5	78.6	79.6	79.7	79.7	79.7	79.8	79.4	74.4	73.9	73.9	74.6	75.4	75.3	75.6	74.7	74.7	75.5	75.2	76.3	79.8	73.7
" 28,	77.0	79.7	79.7	79.7	80.0	80.2	80.5	81.0	82.6	83.0	83.0	82.8	82.4	82.9	82.9	82.3	82.0	81.7	81.6	81.7	81.6	81.6	81.2	81.3	81.3	83.4	75.1
" 29,	80.2	80.6	80.6	80.6	79.9	79.9	79.4	79.7	81.5	83.1	83.5	83.6	84.3	85.4	86.0	83.9	84.0	81.6	80.4	78.6	78.7	78.3	77.3	77.3	81.2	86.1	77.0
" 30,	76.7	76.4	76.2	76.1	76.1	77.0	79.8	81.5	82.2	84.0	84.2	85.5	85.0	83.8	83.0	81.8	81.3	81.0	79.6	79.8	79.7	80.0	78.0	77.5	80.3	86.9	76.0
" 31,	76.2	75.8	75.3	74.7	73.6	73.6	73.0	73.2	73.8	74.0	74.4	74.6	75.4	76.8	77.0	76.8	75.8	76.0	75.8	76.2	76.6	76.0	76.1	76.2	75.3	78.0	71.7
Means,	74.6	74.6	74.4	74.2	74.2	74.4	74.9	75.5	76.0	76.4	77.0	77.0	77.1	77.0	76.9	76.6	76.2	75.7	75.3	75.2	75.2	75.0	74.9	74.8	75.5	78.8	72.8

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION, FOR THE MONTH OF MAY, 1911.

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, ...	74.1	74.4	74.6	74.6	74.8	74.8	75.1	75.3	75.5	75.3	76.6	76.5	77.6	75.8	76.2	75.4	74.2	73.8	73.1	72.8	72.5	72.5	71.8	71.5	74.5	131.5
" 2, ...	71.5	71.2	70.8	70.5	70.7	70.8	70.6	70.6	70.4	70.4	70.5	70.2	70.3	70.0	70.1	69.8	69.8	70.0	69.4	69.8	69.8	69.8	70.1	70.3	70.3	82.4
" 3, ...	69.8	69.7	69.8	69.8	69.8	69.8	70.1	70.4	70.6	70.6	70.3	71.0	71.6	71.5	71.6	71.3	71.3	71.3	70.6	70.5	70.8	70.9	71.4	71.5	70.7	106.3
" 4, ...	71.5	71.5	71.5	71.5	71.7	71.6	71.9	72.4	73.1	73.8	73.5	73.8	74.3	72.8	71.8	71.8	71.9	72.0	71.8	71.7	72.1	72.4	72.7	72.8	72.3	124.3
" 5, ...	72.6	72.5	72.3	72.1	72.2	72.1	72.1	72.0	74.1	74.8	75.5	75.3	74.8	74.4	74.0	74.2	73.7	73.8	73.9	74.0	74.0	74.0	73.7	73.5	73.6	130.4
" 6, ...	73.5	73.3	73.2	73.1	73.0	73.3	73.3	73.6	74.0	74.3	74.6	73.8	74.2	73.8	73.0	73.4	73.4	72.8	72.8	72.9	73.1	72.9	73.1	73.5	73.4	124.4
" 7, ...	73.1	72.9	72.5	72.5	72.5	71.9	71.8	72.1	72.3	72.3	72.1	71.5	71.6	71.4	71.8	71.2	71.4	71.8	71.6	71.8	71.9	71.8	72.2	72.2	72.0	105.6
" 8, ...	71.7	71.4	71.2	70.5	70.6	70.5	70.6	70.8	71.2	71.6	71.4	71.6	71.2	71.4	71.4	71.6	71.2	71.8	72.0	72.0	72.3	72.1	72.2	71.9	71.4	90.3
" 9, ...	71.7	71.5	71.4	71.0	70.6	70.8	70.8	71.2	72.1	71.4	71.8	73.0	72.5	73.1	72.1	72.0	71.8	71.7	72.1	72.5	72.5	72.3	72.3	71.9	71.8	119.9
" 10, ...	71.7	71.7	71.5	71.5	71.6	72.1	72.1	71.8	73.2	72.9	72.5	72.8	72.6	73.5	73.6	73.6	73.5	73.3	73.3	73.1	73.3	73.3	73.6	74.1	72.8	96.4
" 11, ...	74.2	73.3	73.2	72.8	72.7	72.8	73.6	73.8	73.8	74.0	74.8	75.2	74.8	75.0	74.5	75.2	74.4	74.3	74.3	74.5	74.4	74.5	74.4	74.3	74.1	113.5
" 12, ...	74.3	74.4	74.1	74.7	75.1	73.1	73.0	73.6	74.0	74.7	75.6	73.3	73.1	73.5	73.8	74.4	73.4	73.2	72.6	72.5	73.2	72.7	72.7	72.8	73.7	87.5
" 13, ...	72.5	72.5	72.6	72.5	72.9	73.3	74.6	75.8	77.5	76.7	77.5	78.8	78.1	77.6	77.8	77.6	76.0	77.0	76.8	76.4	76.3	76.3	76.6	76.4	75.8	138.0
" 14, ...	76.4	76.1	76.4	76.3	76.1	76.3	77.1	77.0	76.8	78.0	78.8	77.8	76.2	76.6	77.2	77.0	76.3	76.4	77.2	77.2	76.4	75.7	73.6	74.5	76.6	137.2
" 15, ...	74.5	74.5	74.6	73.5	72.7	73.5	73.8	73.8	73.6	72.8	72.6	71.9	72.1	72.2	72.0	71.5	71.3	71.0	71.0	70.8	70.5	70.4	70.0	69.3	72.2	91.2
" 16, ...	69.9	69.5	69.5	67.6	66.7	66.1	66.3	66.5	66.5	66.6	66.7	67.1	67.6	68.0	67.6	67.9	67.8	68.0	67.9	68.3	68.3	68.4	68.5	68.4	67.7	83.7
" 17, ...	68.1	68.3	68.5	67.4	67.6	67.8	68.2	68.5	69.2	69.8	70.0	70.7	71.0	71.4	71.2	71.3	70.8	70.6	70.4	70.8	70.7	71.1	70.9	71.1	69.8	129.4
" 18, ...	71.3	70.9	70.9	70.5	70.5	69.8	70.2	70.3	71.0	70.8	70.8	70.5	70.8	71.0	70.8	70.8	70.5	70.6	70.8	70.8	70.9	70.8	71.6	71.9	70.8	118.6
" 19, ...	71.5	71.4	71.2	71.2	71.2	72.0	71.8	71.6	72.4	72.3	72.1	72.8	72.5	72.8	73.2	72.5	73.6	73.8	73.9	74.1	74.1	74.1	74.2	74.3	72.7	90.0
" 20, ...	74.5	74.2	74.0	74.4	74.2	75.1	76.0	75.6	75.8	74.2	72.8	72.6	72.8	73.5	73.6	73.7	74.0	73.6	73.5	73.2	73.1	73.1	71.9	72.2	73.8	97.5
" 21, ...	70.9	70.9	71.0	70.9	70.7	70.6	72.4	73.1	73.8	74.4	74.6	75.8	76.6	77.3	77.6	76.6	76.8	76.3	76.0	75.8	76.0	76.1	75.5	75.5	74.4	136.1
" 22, ...	75.5	75.6	75.6	75.5	75.8	76.2	76.8	76.6	77.1	76.0	76.3	74.1	74.3	75.0	74.5	74.3	74.3	74.0	74.1	73.9	73.9	73.9	73.8	73.6	75.0	109.2
" 23, ...	73.6	73.6	73.3	73.0	72.8	73.2	73.2	73.8	74.5	75.3	75.2	75.6	75.6	75.3	75.5	75.5	75.0	74.8	74.8	74.9	74.9	74.8	74.6	75.0	74.5	132.9
" 24, ...	75.0	75.1	74.9	74.1	73.4	73.8	74.0	73.6	73.7	73.2	73.3	73.0	73.4	73.1	73.3	73.9	73.8	74.3	74.5	73.8	74.0	74.1	73.9	74.5	73.9	89.6
" 25, ...	74.5	74.5	74.1	74.0	74.5	74.7	75.5	75.3	76.1	75.9	76.3	77.4	75.4	76.0	75.8	77.6	76.0	75.8	75.0	76.0	76.2	76.1	76.5	76.5	75.7	133.9
" 26, ...	76.5	75.9	73.5	73.7	73.8	75.5	76.4	78.1	73.9	75.5	76.3	77.8	76.0	75.8	74.5	73.9	74.4	74.2	74.6	74.5	74.4	74.2	74.7	74.6	75.1	136.1
" 27, ...	74.5	74.3	74.3	74.7	75.3	75.7	76.8	77.6	77.0	77.5	77.1	77.6	77.5	72.8	73.0	73.2	73.8	74.5	74.6	74.9	73.5	73.4	74.8	74.8	75.1	83.5
" 28, ...	76.4	77.6	77.6	77.3	77.4	77.8	77.5	77.8	78.1	78.2	78.8	78.7	78.5	77.9	79.0	78.6	77.9	77.8	76.9	77.5	77.6	78.4	78.5	78.3	77.9	117.5
" 29, ...	77.0	78.4	78.9	78.3	78.2	78.0	77.8	75.2	76.9	76.9	75.3	77.0	77.3	77.6	77.0	74.2	74.6	74.6	73.6	74.3	74.2	74.4	73.7	74.6	76.2	139.5
" 30, ...	73.6	74.6	74.6	74.6	74.8	75.0	76.6	77.3	77.9	77.8	76.9	76.5	75.6	73.8	75.8	74.8	75.4	76.0	75.3	76.5	77.4	77.0	75.9	75.1	75.8	131.7
" 31, ...	74.5	74.5	74.2	73.2	72.3	72.1	71.8	72.0	72.6	73.2	73.5	73.6	74.5	74.8	74.8	74.5	74.8	74.5	74.6	74.5	74.6	74.8	74.8	74.9	73.9	108.2
Means, ...	73.2	73.2	73.1	72.8	72.8	72.9	73.3	73.5	73.8	73.9	74.0	74.1	74.0	73.8	73.8	73.7	73.5	73.5	73.3	73.4	73.4	73.4	73.4	73.4	73.5	113.4

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR, FOR THE MONTH OF MAY, 1911.

Hours.	Hourly Means.		Date.	Daily Means.	
	Humidity.	Tension.		Humidity.	Tension.
			1911.		
1 a.	93	0.802	May. 1,.....	94	0.838
2 „	93	.802	„ 2,.....	96	.730
3 „	94	.801	„ 3,.....	92	.730
4 „	93	.791	„ 4,.....	84	.748
5 „	93	.791	„ 5,.....	87	.792
6 „	93	.792	„ 6,.....	87	.788
7 „	92	.802	„ 7,.....	90	.759
8 „	90	.802	„ 8,.....	94	.753
9 „	90	.808	„ 9,.....	92	.759
10 „	88	.806	„ 10,.....	94	.792
11 „	86	.803	„ 11,.....	93	.824
Noon.	86	.807	„ 12,.....	94	.817
1 p.	86	.802	„ 13,.....	87	.854
2 „	85	.795	„ 14,.....	87	.877
3 „	86	.796	„ 15,.....	93	.773
4 „	86	.795	„ 16,.....	92	.658
5 „	87	.793	„ 17,.....	88	.698
6 „	90	.800	„ 18,.....	88	.722
7 „	90	.796	„ 19,.....	94	.788
8 „	91	.802	„ 20,.....	95	.821
9 „	91	.802	„ 21,.....	86	.811
10 „	92	.805	„ 22,.....	94	.853
11 „	93	.806	„ 23,.....	93	.834
Midt.	93	.808	„ 24,.....	95	.824
			„ 25,.....	89	.858
			„ 26,.....	93	.851
			„ 27,.....	94	.856
			„ 28,.....	85	.911
			„ 29,.....	78	.837
			„ 30,.....	80	.832
			„ 31,.....	93	.820
Mean, ...	90	0.800	Means,.....	90	0.800

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.
1911.														
May 1,.....	...	...	...	...	...	...	0.2	0.8	0.4	0.1	...	...	...	1.5
„ 2,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 3,.....	...	...	...	...	...	...	...	...	0.1	0.2	...	...	...	0.3
„ 4,.....	...	0.3	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	10.7
„ 5,.....	...	...	...	0.7	1.0	1.0	1.0	1.0	0.8	1.0	1.0	1.0	0.5	9.0
„ 6, ...	...	0.4	0.7	0.6	0.4	0.5	0.5	0.7	0.5	0.6	0.8	0.5	...	6.2
„ 7,.....	...	...	0.1	0.1	...	...	...	...	...	...	...	...	...	0.2
„ 8,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 9,.....	...	...	...	...	...	0.1	0.1	0.2	...	0.1	...	...	...	0.5
„ 10,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 11,.....	...	...	...	...	...	...	...	...	...	0.1	1.0	...	...	1.1
„ 12,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 13,.....	...	0.6	1.0	1.0	0.8	0.8	0.9	0.7	0.5	1.0	1.0	0.2	...	8.5
„ 14,.....	...	...	...	...	0.5	1.0	0.5	...	...	...	0.2	...	...	2.2
„ 15,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 16,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 17,.....	...	...	...	...	0.2	0.5	0.6	0.4	0.8	...	0.1	...	...	2.6
„ 18,.....	...	...	...	0.5	0.6	0.7	0.3	...	...	...	...	...	...	2.1
„ 19,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 20,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 21,.....	...	0.1	0.3	0.7	0.1	0.5	0.8	0.4	1.0	1.0	1.0	1.0	0.5	7.4
„ 22,.....	...	...	0.1	0.4	...	...	...	...	...	...	...	...	...	0.5
„ 23,.....	...	...	...	0.2	0.2	0.2	0.9	0.9	0.4	0.3	0.9	0.5	...	4.5
„ 24,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 25,.....	...	...	...	...	0.4	0.7	0.7	...	0.8	1.0	1.0	0.2	...	4.8
„ 26,.....	...	...	...	...	...	0.1	0.6	...	...	...	...	...	...	0.7
„ 27,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 28,.....	...	0.1	0.2	0.4	0.6	...	...	...	...	0.4	0.1	...	...	1.8
„ 29,.....	...	...	0.5	1.0	1.0	1.0	0.9	0.7	1.0	1.0	1.0	1.0	0.6	9.7
„ 30,.....	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	11.4
„ 31.....	...	...	...	...	...	...	...	...	...	0.1	0.2	...	0.1	0.4
Sums,.....	0.2	2.5	4.8	7.6	7.8	9.1	10.0	7.8	8.3	8.9	10.3	6.4	2.4	86.1

TABLE VI.

RAINFALL FOR THE MONTH OF MAY, 1911.

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,	0.050	0.605	...	0.135	0.010	...	...	0.075	0.465	0.005	...	...	...	...	...	0.025	0.245	0.225	0.020	0.010	0.140	0.070	0.060	0.075	2.215	12
„ 2,	0.130	0.085	0.070	0.025	0.005	0.110	0.080	0.125	0.080	0.040	0.025	0.010	...	...	...	...	0.015	0.060	0.025	0.005	...	...	0.010	0.010	0.910	19
„ 3,	...	0.015	0.040	0.010	...	...	0.015	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.080	6
„ 4,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 5,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 6,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 7,	...	0.010	0.005	...	...	0.005	...	...	...	...	...	...	...	...	...	0.005	0.020	0.010	0.010	...	...	...	...	...	0.065	6
„ 8,	0.005	0.050	0.090	0.010	0.105	0.035	...	0.030	0.015	0.005	...	0.120	0.135	0.065	0.010	0.010	...	0.020	0.060	0.060	0.090	0.060	0.015	0.010	1.000	22
„ 9,	...	...	...	...	0.005	...	...	0.010	0.040	0.010	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.065	9
„ 10,	0.005	0.010	0.005	...	...	...	...	...	...	0.020	0.300	0.820	0.100	0.015	...	...	...	...	...	...	...	...	0.015	...	1.290	10
„ 11,	0.030	0.010	0.190	0.480	0.310	0.270	0.310	0.230	0.050	0.020	0.025	0.075	0.005	...	...	...	...	...	...	...	...	...	...	...	2.005	11
„ 12,	...	...	...	...	0.095	0.150	0.100	0.200	0.275	0.060	0.125	0.080	0.010	0.015	...	...	...	...	...	...	...	...	...	...	1.110	10
„ 13,	...	...	...	...	...	...	...	...	...	...	0.025	...	...	...	...	...	...	...	...	...	...	...	...	...	0.025	...
„ 14,	0.025	0.010	...	...	...	0.010	0.030	0.010	0.060	0.015	...	...	...	...	0.010	0.015	0.005	...	...	...	...	0.015	...	...	0.205	4
„ 15,	0.005	0.005	0.105	0.125	0.025	...	...	0.015	0.065	0.085	...	0.015	0.040	0.030	0.020	0.070	0.060	0.030	...	0.025	0.020	0.015	0.020	0.015	0.790	20
„ 16,	0.045	0.165	0.015	0.020	0.045	0.005	0.030	0.005	0.010	0.085	0.090	0.045	0.035	0.010	0.030	0.115	0.105	0.170	0.020	...	0.030	0.040	0.030	0.005	1.150	23
„ 17,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	0.010	0.015	1
„ 18,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	0.005	...	...	...	...	...	...	0.010	2
„ 19,	...	...	...	...	...	...	0.010	...	0.005	0.005	...	0.005	0.020	0.025	0.005	0.005	...	...	...	...	...	...	...	...	0.080	5
„ 20,	...	...	...	...	...	...	...	0.030	0.110	1.235	0.400	0.390	0.210	0.070	...	...	...	...	...	..	...	0.010	0.140	0.140	2.735	9
„ 21,	0.010	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.015	2
„ 22,	0.040	0.015	...	...	0.005	0.005	0.010	...	0.005	0.045	0.050	0.915	0.055	...	...	...	...	0.010	0.005	0.015	0.010	0.005	0.005	...	1.195	14
„ 23,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
„ 24,	0.020	...	0.030	0.200	0.750	...	0.040	0.050	0.010	0.125	0.040	0.050	0.005	0.005	...	...	...	...	...	...	...	...	...	...	1.325	13
„ 25,	0.100	0.205	...	...	...	0.020	0.035	0.010	...	...	...	0.045	0.085	...	...	...	...	...	...	...	...	...	...	...	0.500	4
„ 26,	0.165	0.580	0.015	...	...	...	0.005	0.220	0.345	0.025	...	...	0.095	0.005	0.025	...	0.005	...	...	...	...	...	...	...	1.485	5
„ 27,	...	...	...	...	0.035	0.010	0.005	...	...	0.010	0.005	0.020	0.050	0.440	0.270	0.440	0.310	0.060	0.080	0.245	0.005	...	...	0.460	2.445	12
„ 28,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 29,	0.020	...	0.020	0.165	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.205	2
„ 30,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.025	0.030	0.055	1
„ 31,	0.030	0.015	0.065	0.135	0.140	0.040	0.020	0.235	0.135	0.060	0.180	0.090	0.010	...	...	...	0.010	0.005	...	...	...	...	...	...	1.170	13
Sums,	0.680	1.785	0.650	1.305	1.530	0.660	0.690	1.245	1.670	1.850	1.265	2.680	0.855	0.680	0.370	0.685	0.780	0.595	0.220	0.360	0.295	0.215	0.325	0.755	22.145	236

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND, FOR THE MONTH OF MAY, 1911.

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.	
	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.
May. 1.	9	11	5	13	14	5	7	5	13	3	13	7	15	11	16	11	17	7	4	6	12	4	8	8	12	12	8	17
" 2.	8	23	8	2	8	24	8	22	7	21	8	24	8	22	7	24	7	24	7	27	7	22	7	25	7	25	7	24
" 3.	7	28	7	21	7	22	7	22	7	22	7	23	8	19	8	20	7	18	7	21	8	19	7	20	7	22	7	18
" 4.	10	10	8	12	7	13	7	13	7	11	7	9	9	12	8	10	9	13	8	12	9	14	9	14	9	15	10	16
" 5.	9	7	7	7	8	7	10	9	10	9	7	12	8	12	12	7	8	13	9	11	9	14	1	14	10	15	10	18
" 6.	8	10	6	11	7	14	8	14	8	16	7	13	7	15	7	19	7	19	7	18	7	18	7	16	7	17	7	17
" 7.	8	14	7	15	7	16	6	7	5	17	7	22	7	25	7	28	7	24	7	26	7	24	7	25	6	29	7	22
" 8.	6	22	6	22	7	25	7	24	7	19	7	22	7	27	7	28	7	30	7	29	7	25	7	28	7	23	7	24
" 9.	7	25	7	24	6	20	7	23	7	22	8	20	7	25	8	22	7	19	7	21	8	20	7	21	7	24	8	21
" 10.	7	21	7	20	7	20	7	19	7	22	7	21	7	21	6	19	7	19	7	21	6	18	7	17	6	11	9	17
" 11.	9	16	7	16	8	17	8	19	13	19	12	14	15	12	9	6	15	10	7	10	17	6	18	3	...	1	27	2
" 12.	8	10	8	11	7	7	7	6	7	9	16	7	5	4	5	4	11	2	...	1	...	1	21	10	22	10	24	6
" 13.	...	1	...	0	...	0	29	4	29	4	29	5	29	2	29	5	28	7	24	9	21	7	23	8	19	10	20	11
" 14.	20	9	19	15	21	10	21	10	19	16	20	14	22	8	22	5	19	17	19	17	19	17	9	20	24	11	27	3
" 15.	10	5	12	2	14	4	26	4	28	2	28	3	7	11	7	19	7	21	7	26	6	24	7	28	7	26	7	33
" 16.	7	34	7	34	8	34	7	36	7	37	7	32	7	31	7	32	7	27	7	29	7	29	8	29	7	32	7	27
" 17.	8	22	8	23	8	21	8	23	7	18	7	21	8	20	8	14	8	15	8	16	8	16	8	17	10	15	10	14
" 18.	7	20	7	18	8	19	7	19	7	17	7	24	7	25	7	25	7	25	7	30	7	30	7	30	7	25	7	26
" 19.	7	25	7	25	7	21	7	24	7	26	7	22	6	24	7	24	7	23	7	24	7	22	7	20	9	19	9	20
" 20.	8	16	9	14	8	12	8	14	9	13	9	12	12	8	7	8	7	6	16	14	29	5	15	4	12	4	13	3
" 21.	17	8	28	4	28	5	28	4	...	0	...	0	...	0	28	4	28	4	28	5	28	6	28	8	26	9	26	9
" 22.	...	1	17	2	...	1	17	4	17	2	13	2	13	5	8	7	9	8	13	5	9	3	25	9	2	4	7	10
" 23.	7	14	17	16	7	16	7	17	7	14	8	17	7	17	8	16	7	16	7	17	8	13	8	14	8	19	8	14
" 24.	7	8	7	9	7	9	7	9	31	11	...	1	8	2	15	5	12	6	16	4	12	4	15	7	9	10	8	10
" 25.	8	2	8	2	...	0	...	0	...	1	...	1	31	6	29	4	24	3	24	6	19	10	16	14	17	7	18	6
" 26.	14	2	24	7	...	1	...	0	...	1	31	2	...	0	31	6	18	13	18	4	28	5	29	8	16	6	19	6
" 27.	7	3	7	4	7	3	7	5	7	6	3	5	16	13	16	16	17	11	15	15	16	16	16	23	17	6	28	18
" 28.	19	8	19	14	18	12	18	23	18	21	18	18	18	18	19	18	19	24	19	23	19	23	20	21	19	23	19	25
" 29.	19	22	19	22	19	29	20	27	20	24	22	14	24	12	24	9	28	11	28	14	29	19	26	11	23	12	23	12
" 30.	...	1	...	0	...	0	...	0	...	0	...	0	...	0	7	3	7	2	9	7	9	10	9	14	8	18	9	18
" 31.	7	26	6	26	6	26	6	23	8	23	7	21	7	21	7	21	7	19	8	21	7	20	8	18	6	20	7	21
Sums.	...	424	...	429	...	413	...	439	...	436	...	411	...	431	...	439	...	436	...	495	...	464	...	491	...	478	...	491
Means.	...	13.7	...	13.8	...	13.3	...	14.2	...	14.1	...	13.3	...	13.9	...	14.2	...	14.7	...	16.0	...	15.0	...	15.9	...	15.4	...	15.8

Date	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.	Sums.	Means.	Means.
May. 1.	8	15	9	14	8	17	8	22	9	18	9	15	7	21	8	22	7	27	9	22	313	13.0	9
" 2.	7	23	7	25	7	23	8	21	7	22	7	21	7	23	7	20	7	23	7	20	548	22.8	7
" 3.	7	19	7	15	7	14	7	12	7	11	8	13	8	12	7	11	8	12	9	7	421	17.5	7
" 4.	10	20	9	19	10	15	9	15	9	10	9	8	9	9	9	10	9	12	9	8	300	12.5	9
" 5.	10	18	8	10	8	17	7	15	8	12	8	11	7	10	8	9	8	7	8	10	287	12.0	9
" 6.	8	16	8	14	9	18	10	15	9	17	9	15	9	14	9	11	9	12	9	15	364	15.2	8
" 7.	7	16	7	19	7	15	7	18	7	18	8	19	7	18	7	21	8	25	6	20	484	20.2	7
" 8.	7	23	6	23	6	25	6	24	7	22	7	23	7	26	7	25	6	25	6	23	597	24.9	7
" 9.	7	22	7	21	7	19	7	19	7	17	7	18	7	19	7	19	7	22	7	22	502	20.9	7
" 10.	9	16	7	15	8	15	7	15	7	13	7	13	7	17	7	16	7	14	7	15	415	17.3	7
" 11.	8	7	9	7	9	7	9	8	10	5	10	12	9	12	9	16	9	15	8	16	256	10.7	10
" 12.	24	4	...	0	26	5	26	4	26	2	...	1	...	1	...	0	...	1	...	1	107	4.5	10
" 13.	20	16	20	13	20	9	23	10	21	10	21	10	21	8	22	3	24	7	22	9	168	7.0	22
" 14.	27	3	18	10	19	9	21	4	23	3	28	3	28	3	17	5	14	7	7	4	223	9.3	20
" 15.	7	33	7	28	7	31	7	31	7	35	7	33	7	34	7	36	7	39	7	33	541	22.5	7
" 16.	7	27	7	24	7	22	7	23	7	25	7	24	7	24	7	25	7	23	7	16	676	28.2	7
" 17.	10	14	9	15	10	16	10	16	8	18	8	14	8	13	9	14	8	12	8	15	405	16.9	8
" 18.	7	24	7	24	7	22	7	22	7	22	7	24	7	20	7	23	7	23	7	21	558	23.2	7
" 19.	9	20	8	19	9	15	9	16	8	14	8	19	8	16	9	17	9	20	9	17	492	20.5	8
" 20.	13	7	14	7	15	3	9	3	9	4	9	3	9	8	7	12	8	13	8	14	208	8.7	10
" 21.	26	9	25	9	25	6	24	7	24	2	...	0	...	1	...	0	...	0	...	0	93	3.9	26
" 22.	7	13	7	18	7	19	7	19	7	17	7	13	7	15	7	16	7	15	7	17	226	9.4	7
" 23.	7	13	8	16	8	11	8	9	8	9	8	8	8	11	8	9	8	8	7	7	321	13.4	8
" 24.	6	6	8	11	9	7	8	6	9	5	15	3	15	2	...	1	15	2	8	6	144	6.0	8
" 25.	17	8	16	8	14	3	18	5	18	2	...	0	...	1	18	2	17	2	...	0	93	3.9	18
" 26.	22	9	22	11	22	5	26	3	26	2	5	6	6	5	7	3	7	3	...	1	109	4.5	23
" 27.	29	5	26	2	30	2	32	4	...	1	29	3	1	4	5	4	6	3	30	4	176	7.3	15
" 28.	18	24	19	23	19	21	19	8	19	17	19	19	19	20	19	23	19	26	19	23	485	20.2	19
" 29.	23	11	22	12	23	10	23	9	24	3	25	3	32	2	32	3	32	3	...	1	295	12.3	23
" 30.	9	18	8	20	10	18	10	12	10	13	9	12	9	11	9	15	7	27	6	22	241	10.0	9
" 31.	7	26	7	27	7	25	7	26	7	24	7	20	7	20	7	22	7	19	7	19	546	22.8	7
Sums.	...	490	...	480	...	450	...	426	...	386	...	394	...	404	...	413	...	450	...	401	10594	441.4	...
Means.	...	15.8	...	15.5	...	14.5	...	13.7	...	12.5	...	12.7	...	13.0	...	13.3	...	14.5	...	12.9	341.7	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
1911.												
May 1, ...	10	nim.	SE	10	nim.	SE	10	cum-nim.	SE	10	cum.	S
„ 2, ...	10	nim.	...	10	nim.	...	10	nim.	...	10	nim.	E
„ 3, ...	10	nim.	E	10	nim.	E	10	nim.	E	10	nim.	E
„ 4, ...	8	cum.	E	10	cum.	E	8	cum.	E	3	cum.	E
„ 5, ...	10	cum.	E	2	cum.	E	5	cum.	E	6	cum.	ESE
„ 6, ...	7	cum.	ESE	6	cum.	ESE	8	sm-cum. / cum.	ESE	9	cum.	ESE
„ 7, ...	8	cum.	ESE	10	cum.	E	10	cum.	E	10	cum.	E
„ 8, ...	10	nim.	E	10	cum-nim.	...	10	nim.	E	10	nim.	E
„ 9, ...	10	nim.	E	10	cum.	E	10	nim.	E	10	nim.	E
„ 10, ...	10	nim.	E	10	nim.	...	10	cum-nim.	E	10	nim.	E
„ 11, ...	10	nim.	ESE	10	nim.	...	10	nim.	...	10	nim.	S
„ 12, ...	10	sm-cum. / cum.	SW / S	10	cum.	SSW	10	nim.	SSW	10	nim.	SSW
„ 13, ...	10	sm-cum. / cum.	WSW / ..	10	cum.	SW	8	c-str. / cum.	WSW / SW	8	cum.	WSW
„ 14, ...	10	cum. / nim.	SW / SW	10	sm-cum. / cum.	SW	10	sm-cum. / nim.	SW	9	c-cum. / cum.	SW
„ 15, ...	10	cum.	SSW	10	nim.	SSW	10	cum.	ESE	10	nim.	E
„ 16, ...	10	nim.	E	10	nim.	E	10	nim.	E	10	nim.	E
„ 17, ...	10	nim.	E	10	cum-nim.	E	10	cum.	E	10	cum.	E
„ 18, ...	10	nim.	E	10	cum.	E	10	cum.	E	10	cum.	E
„ 19, ...	10	cum.	E	10	cum-nim.	E	10	nim.	E	10	nim.	E
„ 20, ...	10	cum.	E	9	cum.	SE	10	c-str. / cum.	SSE	10	nim.	W
„ 21, ...	10	nim.	SSW	8	sm-cum. / cum.	WSW / SW	9	cum.	SW	10	cum.	SW
„ 22, ..	10	nim.	SW	10	cum-nim.	SW	10	nim.	SSW	10	nim.	S
„ 23, ...	10	cum.	E	10	cum.	E	10	cum-nim.	E	10	sm-cum. / cum.	SSW / E
„ 24, ...	8	cum.	...	10	nim.	...	10	nim.	WNW	10	nim.	...
„ 25, ...	10	cum-nim.	SW	10	nim.	WSW	10	nim.	WSW	10	sm-cum. / cum.	SW
„ 26, ...	10	nim.	SW	10	nim.	WSW	10	cum.	WSW	10	cum.	WSW
„ 27, ...	3	cum.	...	10	cum.	SSW	10	nim.	SSW	10	cum.	S
„ 28, ...	10	nim.	...	8	cum.	SW	10	cum.	SW	10	cum.	SW
„ 29, ...	10	nim.	SW	10	cum.	SW	10	c-str. / cum.	WSW	6	c-str. / cum.	W
„ 30, ...	0	...	...	0	...	...	5	sm-cum.	W	6	c-str. / cum.	WSW
„ 31, ...	10	nim.	E	10	nim.	...	10	nim.	E	10	nim.	SSE
Means,...	9.2	...	...	9.1	...	...	9.5	...	...	9.3	...	...

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	
1911.													
May 1,...	9	sm-cum. / cum.	SSE	10	cum-nim.	SE	10	nim.	SE	10	nim.	...	9.9
„ 2,...	10	nim.	E	10	nim.	E	10	nim.	E	10	nim.	E	10.0
„ 3,...	10	sm-cum. / cum.	ESE	10	sm-cum. / cum.	W / E	10	cum.	E	9	cum.	E	9.9
„ 4,...	2	cum.	E	0	...	...	0	...	...	3	cum.	E	4.2
„ 5,...	4	c-str. / cum.	SE	2	cum.	...	1	cum.	...	4	cum.	E	4.3
„ 6,...	8	cum.	ESE	5	sm-cum. / cum.	SW / ESE	7	cum.	ESE	10	cum.	ESE	7.5
„ 7,...	10	cum.	E	10	nim.	E	10	nim.	ESE	10	cum-nim.	ESE	9.7
„ 8,...	10	nim.	E	10	nim.	E	10	nim.	E	10	nim.	E	10.0
„ 9,...	10	cum.	E	10	cum.	E	10	nim.	E	10	cum-nim.	E	10.0
„ 10,...	10	nim.	E	10	nim.	SE	10	sm-cum. / cum.	E	10	cum.	E	10.0
„ 11,...	10	nim.	S	6	sm-cum. / cum.	SW	8	sm-cum. / cum.	SW	10	cum.	SSE	9.3
„ 12,...	10	nim.	SSW	8	sm-cum. / cum.	SSW	9	sm-cum. / cum.	SSW / WSW	8	sm-cum.	WSW	9.4
„ 13,...	7	cum.	SW	8	cum.	SW	9	cum.	SW	9	cum.	SW	8.6
„ 14,...	9	cum.	WSW	10	cum. / nim.	SW / SW	10	nim.	WSW	10	cum.	WSW	9.8
„ 15,...	10	nim.	E	10	nim.	E	10	nim.	E	10	nim.	E	10.0
„ 16,...	10	nim.	E	10	nim.	E	10	nim.	E	10	nim.	E	10.0
„ 17,...	10	sm-cum. / cum.	E	10	sm-cum. / cum.	E	10	cum.	E	10	nim.	E	10.0
„ 18,...	10	cum.	E	10	nim.	E	10	cum-nim.	E	10	cum.	E	10.0
„ 19,...	10	nim.	ESE	10	nim.	SSE	10	sm-cum. / cum.	SW / ESE	7	cum.	ESE	9.6
„ 20,...	10	nim.	SW	10	nim.	SW	10	cum.	...	9	cum.	SSW	9.7
„ 21,...	6	sm-cum. / cum.	WSW / SW	3	c-cum. / cum.	SW	3	c-cum. / cum.	...	1	cum.	...	6.3
„ 22,...	10	nim.	S	10	cum-nim.	ESE	10	nim.	ESE	10	cum-nim.	ESE	10.0
„ 23,...	7	cum.	SSW	7	c-str. / cum.	W / SSW	10	cum.	SW	3	cum.	...	8.4
„ 24,...	10	nim.	SSW	10	nim.	SSW	10	cum-nim.	SSW	10	cum-nim.	SSW	9.7
„ 25,...	10	nim.	SW	6	c-str. / cum.	WSW / SW	10	c-str. / cum.	WSW	9	cum.	SW	9.4
„ 26,...	10	nim.	SW	10	nim.	WSW	10	c-str. / cum.	...	7	cum.	SW	9.6
„ 27,...	10	nim.	SSW	10	nim.	SSW	10	nim.	SSW	10	cum-nim.	...	9.1
„ 28,...	10	cum.	SW	10	sm-cum. / cum.	SW	9	sm-cum. / cum.	SW	7	cum.	SSW	9.3
„ 29,...	8	c-str. / cum.	W / WSW	8	c-str. / cum.	W / ..	3	c-str.	...	1	c-str.	...	7.0
„ 30,...	5	c-str / sm-cum. / cum.	W / .. / WSW	6	c-str. / cum.	W / W	4	c-str. / cum.	ESE	4	cum.	E	3.7
„ 31,...	10	nim.	E	10	nim.	E	10	nim.	E	10	cum-nim.	E	10.0
Means,...	8.9	...	...	8.4	...	...	8.5	...	...	8.1	...	...	8.9

TABLE IX.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR THE MONTH OF MAY, 1911.

Hours.	Components (miles per hour).						Direction.
	N	E	S	W	+N −S	+E −W	
1 a.	1.6	11.9	1.7	0.8	− 0.1	+11.1	E 1° S
2 „	2.4	11.5	1.5	1.2	+ 0.8	10.3	E 5° N
3 „	1.8	11.2	1.6	1.1	+ 0.2	10.1	E 1° N
4 „	2.2	11.5	1.7	1.5	+ 0.5	10.1	E 3° N
5 „	2.4	10.9	2.4	1.3	− 0.1	9.7	E
6 „	1.9	10.8	1.9	1.1	0.0	9.7	E
7 „	2.0	11.3	2.1	0.9	− 0.1	10.4	E 1° S
8 „	2.4	11.3	1.9	1.0	+ 0.5	10.3	E 3° N
9 „	2.4	11.2	2.7	1.6	− 0.4	9.6	E 2° S
10 „	2.4	11.9	2.8	1.8	0.4	10.1	E 2° S
11 „	2.6	11.0	2.6	1.8	0.0	9.2	E
Noon.	2.0	11.6	2.8	2.3	0.8	9.3	E 5° S
1 p.	2.0	11.5	3.0	2.0	1.0	9.5	E 6° S
2 „	2.0	12.5	2.4	2.3	0.3	10.2	E 2° S
3 „	1.8	12.6	2.5	1.9	0.6	10.7	E 3° S
4 „	1.7	12.5	2.4	1.8	0.6	10.7	E 3° S
5 „	1.6	12.1	2.2	1.6	− 0.5	10.4	E 3° S
6 „	1.7	11.7	1.5	1.4	+ 0.3	10.3	E 1° N
7 „	1.5	11.1	1.3	0.9	0.2	10.2	E 1° N
8 „	1.5	11.3	1.4	0.8	0.1	10.4	E 1° N
9 „	2.0	11.7	1.0	0.6	0.9	11.1	E 5° N
10 „	1.6	12.1	1.4	0.6	0.3	11.5	E 1° N
11 „	1.9	12.9	1.4	0.7	0.5	12.2	E 2° N
Midt.	2.0	11.1	1.4	0.8	+ 0.6	+10.3	E 3° N
Means,.....	2.0	11.6	2.0	1.3	0.00	±10.31	E°

PHENOMENA :—

Solar Corona :—on the 5th.

Slight fog :—on the 9th., 12th., 15th., 21st. and 26th.

Dew :—on the 5th. and 30th.

Rainbow :—on the 14th. and 31st.

Lightning without thunder :—on the 25th.

Thunder without lightning :—on the 12th. and 13th.

Thunderstorms :—on the 1st. 2.25 a—3.30 a, E—W, nearest at 2.25 a (5^s) ; 4p—7.30 p, SSW—NNE, nearest at 5.12 p (12^s) ; 14th. 8 a—9.50a, in NW, distant ; 15th. 12.5 a—4.30 a, in SW, nearest at 2.30 a (10^s) ; 20th. 10.23 a—11.25 a, NE—SE, nearest at 10.35 a (12^s); 21st. 12.17 a—2.30 a, in SW, distant; 11.30 p—midt in NE, distant; 22nd. 12.40 a—2a, in NW, distant ; 24th. 4.13 a—6a, E—W, nearest at 5.18 a (12^s) ; 26th. 8.34 a—9.35 a, in SW, distant ; 27th. 12.24 p—1.5p, in NNW, distant ; 6.35 p—10 p, NW—SE, nearest at 8.15 p (7^s) ; 11.18 p—28th. 1.30a in WNW, distant ; 29th 3.40 a—4.30 a, in NW, distant ; 30.th 10.53 p—31st. 1.35 a, WNW—ESE, nearest at 11.56 p (9^s) ;

Slight Earthquake :—on the 15th at 0^h. 41^m a Standard Time.

TABLE I.

BAROMETRIC PRESSURE, FOR THE MONTH OF JUNE, 1911.

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,...	29.783	29.788	29.789	29.798	29.807	29.815	29.829	29.843	29.847	29.853	29.847	29.832	29.818	29.798	29.772	29.756	29.754	29.752	29.742	29.750	29.774	29.796	29.801	29.789	29.797
" 2,...	.774	.764	.758	.754	.762	.764	.772	.786	.792	.794	.782	.768	.748	.735	.712	.693	.690	.696	.705	.726	.740	.746	.752	.743	.748
" 3,...	.714	.700	.700	.709	.720	.738	.756	.766	.764	.756	.764	.747	.738	.715	.704	.685	.687	.685	.711	.735	.735	.753	.753	.740	.728
" 4,...	.739	.729	.725	.733	.745	.760	.781	.793	.802	.809	.797	.786	.767	.748	.731	.723	.713	.749	.757	.771	.779	.785	.785	.789	.762
" 5,...	.775	.763	.756	.761	.771	.792	.811	.811	.828	.821	.821	.804	.802	.779	.767	.758	.762	.782	.797	.822	.831	.840	.826	.817	.796
" 6,...	.800	.792	.780	.774	.782	.798	.812	.820	.824	.822	.818	.806	.790	.770	.764	.748	.744	.750	.770	.784	.802	.821	.816	.800	.791
" 7,...	.787	.774	.762	.768	.772	.782	.800	.804	.818	.820	.822	.803	.783	.777	.753	.738	.729	.743	.749	.769	.787	.809	.809	.802	.782
" 8,...	.785	.771	.770	.759	.763	.771	.791	.804	.813	.811	.813	.795	.781	.768	.755	.747	.744	.745	.753	.775	.787	.813	.819	.811	.781
" 9,...	.797	.785	.778	.775	.781	.791	.811	.817	.827	.828	.833	.841	.821	.795	.781	.773	.771	.783	.808	.826	.841	.867	.867	.855	.810
" 10,...	.849	.839	.827	.823	.827	.837	.855	.863	.878	.881	.879	.861	.846	.823	.809	.793	.801	.811	.827	.841	.849	.869	.876	.871	.843
" 11,...	.851	.838	826	.822	.828	.847	.859	.859	.868	.871	.867	.849	.822	.805	.781	.769	.767	.771	.785	.801	.815	.837	.839	.831	.825
" 12,...	.815	.793	.774	.765	.769	.783	.787	.801	.805	.799	.791	.774	.757	.733	.717	.706	.701	.705	.715	.731	.742	.749	.751	.733	.758
" 13,...	.709	.691	.677	.675	.679	.687	.701	.703	.713	.717	.715	.704	.685	.672	.667	.656	.649	.664	.686	.698	.718	.725	.726	.726	.693
" 14,...	.712	.692	.690	.694	.698	.706	.714	.732	.734	.732	.742	.736	.722	.702	.704	.690	.688	.689	.694	.708	.714	.715	.716	.714	.710
" 15,...	.701	.694	.690	.692	.698	.701	.712	.724	.731	.736	.730	.706	.691	.665	.653	.637	.633	.631	.645	.649	.660	.673	.671	.654	.682
" 16,...	.649	.651	.650	.649	.641	.651	.659	.661	.661	.655	.647	.641	.615	.596	.573	.547	.539	.543	.555	.571	.579	.588	.583	.579	.612
" 17,...	.563	.559	.553	.547	.539	.536	.545	.551	.557	.547	.539	.528	.500	.485	.466	.450	.452	.464	.484	.482	.488	.494	.489	.478	.512
" 18,...	.466	.444	.438	.432	.439	.450	.456	.466	.472	.482	.472	.449	.436	.415	.417	.406	.404	.415	.432	.466	.489	.516	.516	.514	.454
" 19,...	.474	.466	.467	.470	.492	.522	.524	.530	.529	.534	.532	.515	.493	.471	.453	.443	.443	.447	.465	.473	.488	.500	.500	.487	.488
" 20,...	.473	.457	.449	.439	.433	.447	.455	.461	.473	.466	.465	.445	.423	.427	.399	.377	.369	.371	.383	.391	.391	.399	.395	.387	.424
" 21,...	.369	.367	.364	.357	.369	.385	.391	.416	.425	.441	.441	.443	.433	.444	.441	.443	.449	.479	.485	.515	.533	.557	.565	.557	.445
" 22,...	.545	.549	.549	.555	.575	.603	.629	.643	.658	.665	.683	.685	.668	.657	.649	.639	.636	.649	.667	.693	.715	.727	.735	.722	.645
" 23,...	.713	.707	.711	.705	.721	.735	.759	.761	.767	.771	.767	.758	.746	.730	.709	.698	.688	.694	.706	.720	.737	.748	.752	.744	.731
" 24,...	.724	.706	.698	.696	.700	.720	.730	.734	.736	.728	.718	.693	.673	.648	.626	.600	.595	.596	.607	.626	.642	.644	.648	.630	.672
" 25,...	.617	.598	.592	.578	.578	.582	.600	.609	.622	.618	.607	.585	.565	.549	.537	.517	.525	.535	.548	.565	.583	.589	.588	.583	.578
" 26,...	.567	.551	.547	.545	.553	.561	.571	.575	.585	.591	.587	.570	.555	.547	.525	.513	.507	.513	.527	.545	.559	.575	.580	.565	.555
" 27,...	.547	.539	.530	.529	.531	.533	.549	.563	.567	.583	.585	.577	.563	.551	.543	.537	.535	.545	.555	.566	.579	.597	.599	.590	.558
" 28,...	.583	.577	.561	.563	.571	.590	.596	.611	.623	.623	.621	.609	.597	.587	.578	.569	.577	.576	.595	.607	.629	.643	.652	.645	.599
" 29,...	.635	.625	.621	.622	.626	.637	.645	.651	.651	.653	.653	.642	.628	.620	.598	.578	.576	.589	.602	.604	.619	.636	.636	.628	.624
" 30,...	.623	.622	.620	.610	.621	.628	.636	.644	.643	.638	.633	.630	.614	.600	.584	.575	.574	.580	.596	.608	.623	.640	.638	.638	.617
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,.....	29.671	29.661	29.655	29.653	29.660	29.672	29.685	29.693	29.700	29.701	29.699	29.686	29.669	29.654	29.639	29.625	29.623	29.632	29.645	29.661	29.674	29.688	29.689	29.681	29.667

TABLE II.

TEMPERATURE, FOR THE MONTH OF JUNE, 1911.

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,	76.5	76.3	75.8	75.6	75.1	75.2	76.2	76.4	76.7	77.8	81.0	79.0	78.5	79.0	78.4	79.0	78.8	79.0	78.4	78.0	77.7	77.8	76.8	76.7	77.5	81.4	75.0
„ 2,	76.4	76.7	76.5	76.2	75.7	76.4	79.1	80.0	82.0	81.6	82.8	84.0	85.6	85.8	84.6	83.5	83.0	83.0	80.8	80.5	79.8	79.4	79.1	78.4	80.5	86.0	75.7
„ 3,	78.2	78.3	78.4	78.6	78.0	78.7	80.0	81.5	82.7	83.7	85.2	84.0	85.8	85.0	85.6	84.2	82.8	81.6	80.7	80.0	80.3	80.2	79.9	80.0	81.4	85.8	77.8
„ 4,	79.8	80.1	79.9	80.1	79.8	79.8	80.0	79.8	81.8	84.8	84.0	84.3	85.0	85.8	85.4	84.0	84.0	79.8	79.0	79.2	79.3	79.4	79.5	79.5	81.4	87.0	78.9
„ 5,	80.5	80.3	79.9	79.7	80.0	80.7	78.8	80.8	82.7	82.4	84.6	84.0	84.0	83.5	83.1	83.2	82.4	82.0	81.3	81.0	81.0	81.0	80.6	80.7	81.6	85.3	78.8
„ 6,	80.6	80.8	80.6	80.8	80.3	80.3	81.1	83.0	85.4	83.3	83.5	84.8	85.5	84.3	82.7	82.5	81.8	82.4	81.6	81.5	81.3	81.4	81.3	80.6	82.1	85.5	80.1
„ 7,	80.7	80.6	80.6	80.7	80.6	80.7	81.0	81.6	85.0	84.8	83.2	84.9	85.0	85.0	84.3	84.1	83.2	82.3	81.5	81.6	81.3	81.2	81.1	81.3	82.3	86.0	80.5
„ 8,	80.8	80.8	81.1	80.9	80.6	80.4	81.9	83.8	85.0	84.5	86.2	87.8	86.2	85.3	84.2	84.0	83.3	83.2	81.8	81.7	81.3	81.5	81.3	80.6	82.8	87.8	80.2
„ 9,	80.6	80.6	80.8	80.4	80.4	80.5	81.7	82.9	83.8	83.5	81.7	81.9	80.8	80.0	81.6	82.5	82.5	82.8	81.5	81.1	80.9	80.8	80.6	79.8	81.4	85.9	79.6
„ 10,	79.7	79.6	79.6	79.8	79.5	78.8	80.8	84.6	86.2	86.5	85.4	87.6	86.0	85.7	85.0	84.8	83.3	82.8	81.8	81.5	81.0	80.9	80.5	80.9	82.6	87.6	78.8
„ 11,	80.9	80.6	79.6	78.7	78.8	79.2	81.2	84.6	85.0	86.1	87.8	88.0	87.7	87.2	86.8	84.8	84.1	83.0	82.4	82.0	81.6	81.2	80.7	80.8	83.0	88.3	78.7
„ 12,	80.7	80.5	80.2	80.1	80.2	80.0	82.1	84.1	85.8	85.0	86.1	86.0	85.8	85.0	85.6	85.0	85.0	83.2	82.0	81.5	81.0	81.0	80.6	80.6	82.8	86.1	79.9
„ 13,	80.4	80.2	80.1	79.8	80.0	79.8	83.8	83.9	85.3	86.7	88.0	87.0	88.9	89.0	87.2	86.1	85.6	86.0	83.7	82.8	83.0	83.0	82.6	82.5	84.0	89.5	79.2
„ 14,	82.5	82.0	81.6	81.3	81.0	81.7	83.7	84.8	86.0	85.3	85.0	84.7	85.8	87.9	84.6	85.0	85.3	84.0	82.1	81.8	81.9	81.9	81.7	81.5	83.5	88.5	80.3
„ 15,	81.4	81.5	81.5	81.4	81.7	81.2	83.0	83.0	85.4	86.9	86.6	87.5	88.9	89.5	89.0	88.0	86.0	84.8	84.4	83.2	83.8	83.2	82.7	83.3	84.5	89.5	80.9
„ 16,	82.9	82.1	80.8	80.5	80.5	81.1	82.7	83.9	85.8	83.7	87.6	87.4	88.7	89.5	89.2	87.9	85.8	85.0	84.0	83.5	83.2	83.0	82.6	82.8	84.3	89.5	80.3
„ 17,	82.6	82.7	82.5	82.2	81.8	82.3	82.6	84.7	85.6	87.5	88.3	88.5	89.8	89.6	89.0	88.6	87.0	85.9	84.2	83.1	83.1	83.3	82.9	84.1	85.1	89.8	81.1
„ 18,	83.6	83.3	83.3	83.4	83.8	82.8	81.8	84.3	86.0	87.3	89.8	90.5	91.0	89.9	89.5	88.8	87.0	86.4	85.4	85.4	84.1	84.2	83.5	83.2	85.8	91.3	81.8
„ 19,	82.8	82.9	82.7	82.5	82.5	78.7	81.2	82.5	86.2	86.1	88.3	90.0	86.3	85.9	87.2	86.0	85.5	85.0	84.7	84.5	83.2	83.1	82.9	83.2	84.3	90.4	78.7
„ 20,	81.8	82.3	81.8	80.8	81.0	80.4	81.9	83.2	84.8	85.0	81.7	83.6	85.0	80.5	83.8	83.5	83.7	81.0	81.7	81.6	81.5	81.2	81.6	80.9	82.3	85.8	79.7
„ 21,	80.9	80.2	80.5	80.1	79.5	80.5	80.6	80.0	81.7	79.2	81.2	84.5	82.4	80.0	79.4	78.4	79.5	80.0	79.7	79.0	79.5	79.5	78.6	79.2	80.2	84.5	77.7
„ 22,	79.0	78.9	79.1	79.4	80.9	80.6	82.3	83.1	84.0	84.5	87.2	86.3	84.9	84.7	85.0	84.4	83.6	83.5	83.3	83.2	83.5	83.1	83.3	82.9	82.9	87.2	78.9
„ 23,	82.4	82.3	82.0	81.8	81.4	82.5	82.7	84.0	84.4	84.2	85.9	87.0	85.8	86.8	85.2	83.0	87.3	85.6	84.2	83.3	82.8	82.6	82.2	82.0	83.8	87.7	81.4
„ 24,	80.7	80.9	81.2	81.6	81.7	82.6	83.8	85.7	84.7	84.7	85.8	87.3	87.0	87.5	86.0	86.4	84.6	85.0	83.6	83.4	82.9	82.7	82.5	82.7	84.0	87.9	80.7
„ 25,	82.7	81.7	82.4	82.4	82.5	82.4	81.5	82.3	83.3	83.8	85.9	86.6	86.0	86.0	85.8	87.4	85.0	84.7	83.7	83.8	83.5	83.5	82.9	84.8	83.9	87.4	81.5
„ 26,	84.6	83.1	82.8	83.4	82.6	82.8	83.9	84.0	84.4	85.0	86.1	84.4	86.3	87.0	86.1	85.3	85.0	84.7	84.1	83.9	83.7	83.6	83.5	83.3	84.3	87.5	82.6
„ 27,	82.7	82.6	82.6	82.7	82.4	82.6	82.5	83.6	84.5	85.0	86.3	85.7	87.3	86.8	87.0	85.7	85.6	84.6	84.0	84.0	83.4	83.3	83.2	83.0	84.2	87.8	82.2
„ 28,	83.0	82.6	82.5	82.0	81.5	82.0	83.1	83.4	82.6	83.8	84.2	85.5	84.5	84.7	84.4	83.9	83.4	83.5	82.7	82.6	82.2	82.3	82.2	81.9	83.1	86.2	81.5
„ 29,	81.5	81.4	80.8	80.6	81.3	81.5	82.7	84.0	85.0	85.5	85.7	85.6	86.0	86.5	86.0	85.3	84.1	83.9	83.5	82.4	82.2	81.8	81.6	81.6	83.4	86.7	80.6
„ 30,	81.2	80.8	80.6	80.7	79.9	79.8	82.2	83.8	87.0	85.6	86.4	85.6	85.0	86.3	86.0	85.8	85.3	84.2	82.4	81.6	81.1	80.4	80.2	79.7	83.0	87.0	79.4
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,	81.1	80.9	80.7	80.6	80.5	80.5	81.7	82.9	84.3	84.5	85.4	85.8	85.8	85.7	85.3	84.7	84.1	83.4	82.5	82.1	81.8	81.7	81.4	81.4	82.9	87.2	79.7

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION, FOR THE MONTH OF JUNE, 1911.

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, ...	75.1	75.0	74.6	74.5	74.3	74.3	74.7	74.8	75.0	76.3	77.0	76.0	76.6	76.8	76.4	76.6	76.8	77.0	76.5	76.5	76.4	75.8	75.5	75.2	75.7	135.2
„ 2, ...	75.2	75.5	75.2	75.3	75.1	75.6	76.8	78.0	78.8	77.9	77.9	78.0	78.6	78.8	78.3	77.8	76.8	77.8	77.2	77.5	77.4	77.0	76.9	76.7	77.1	133.4
„ 3, ...	76.4	76.3	76.5	76.6	76.1	77.1	77.7	77.4	79.1	78.5	79.2	79.0	79.8	78.8	79.6	78.5	78.5	78.3	77.4	77.2	77.4	78.3	77.4	77.5	77.9	128.7
„ 4, ...	77.4	77.6	77.4	77.0	76.9	77.0	76.8	77.3	76.9	79.6	78.0	78.8	77.3	78.6	78.3	78.6	78.4	76.8	76.0	76.8	76.1	76.8	77.3	77.6	77.5	140.6
„ 5, ...	77.6	77.7	76.9	76.4	76.4	77.0	76.8	77.8	78.0	77.0	77.6	77.8	78.8	78.5	78.0	78.1	77.2	77.5	78.0	77.6	77.6	78.1	77.5	78.0	77.6	132.4
„ 6, ...	77.5	78.1	77.7	77.2	77.7	77.6	78.3	79.1	78.8	78.3	77.8	78.8	79.1	78.3	78.3	79.4	78.4	78.6	78.5	77.6	78.5	78.5	78.3	78.2	78.3	134.3
„ 7, ...	78.3	77.8	77.4	77.6	77.5	77.5	77.8	77.2	78.6	78.8	79.1	79.8	78.4	79.0	78.4	77.8	78.2	77.2	77.6	77.8	78.0	77.8	78.5	77.7	78.1	137.2
„ 8, ...	77.6	77.7	77.7	77.5	77.6	77.3	78.4	78.8	80.0	78.8	79.6	80.4	79.1	78.3	78.1	77.7	78.1	78.1	77.4	77.5	77.6	78.2	79.0	78.5	78.3	135.9
„ 9, ...	78.5	78.5	78.3	78.7	78.3	78.4	78.6	78.8	78.8	78.5	78.4	78.6	78.6	78.0	78.6	79.1	78.7	79.1	78.8	78.5	78.4	78.5	78.5	77.7	78.5	131.4
„ 10, ...	78.2	78.1	78.3	78.1	77.8	77.5	78.8	79.6	78.6	78.8	79.3	79.6	79.0	78.3	78.0	79.3	78.1	78.3	78.3	78.3	78.6	78.5	79.1	78.5	78.5	133.1
„ 11, ...	78.6	78.3	77.9	77.5	77.4	77.6	78.6	79.4	79.8	78.9	79.8	80.3	79.8	78.6	79.0	78.4	78.7	78.5	78.5	78.6	78.5	78.5	78.1	78.4	78.7	137.0
„ 12, ...	78.5	77.6	77.6	77.7	77.8	78.0	78.3	78.3	78.8	77.8	78.8	78.4	78.3	77.8	78.0	78.6	77.8	77.8	77.3	77.5	77.0	77.0	77.8	77.8	77.9	137.2
„ 13, ...	78.6	78.5	78.2	77.8	77.4	77.8	78.2	78.3	77.8	78.1	77.6	77.3	78.3	78.3	77.4	77.9	77.8	78.3	77.2	78.2	78.1	77.8	77.4	78.4	77.9	138.6
„ 14, ...	78.4	78.0	77.4	77.4	78.0	78.6	78.0	78.0	79.8	78.3	79.0	79.4	79.8	81.4	79.6	79.8	79.9	79.1	77.8	78.3	78.8	78.8	78.7	79.2	78.8	135.8
„ 15, ...	78.4	78.4	78.2	78.0	78.6	77.8	79.3	79.8	79.6	79.7	78.1	79.0	80.4	80.9	80.8	80.5	79.6	79.5	78.8	79.0	78.9	78.8	79.6	79.1	79.2	134.5
„ 16, ...	79.6	78.9	78.4	78.7	78.8	79.6	79.8	80.0	79.9	79.6	81.9	79.8	79.8	79.8	79.7	79.3	79.8	79.4	78.8	78.2	78.9	78.6	78.8	79.0	79.4	136.6
„ 17, ...	78.7	78.3	78.0	78.3	79.5	78.8	79.3	80.3	79.7	80.6	80.3	80.1	80.8	80.8	80.6	80.3	80.2	79.8	79.0	78.9	78.8	79.3	79.6	80.2	79.6	135.3
„ 18, ...	79.6	79.5	79.5	79.5	80.0	80.4	78.3	80.8	80.8	80.3	80.5	81.6	81.9	81.4	81.1	80.8	79.8	80.9	80.3	80.5	80.8	80.1	80.6	80.6	80.4	136.0
„ 19, ...	80.1	80.1	80.0	80.1	80.0	76.1	77.8	80.4	79.5	80.6	80.6	81.3	80.8	80.1	80.3	79.0	79.0	79.5	79.8	80.2	80.2	79.4	79.5	79.0	79.7	136.2
„ 20, ...	80.1	80.5	79.1	78.7	78.6	77.8	78.4	78.8	79.5	78.8	77.4	79.0	78.8	78.1	79.8	78.8	78.4	78.8	78.6	78.5	78.4	78.8	78.4	78.9	78.8	142.0
„ 21, ...	77.4	78.4	77.4	77.4	77.8	77.9	78.2	78.1	77.9	77.9	78.7	79.3	78.1	77.9	77.1	76.8	77.8	77.2	77.3	76.6	77.2	77.4	77.0	77.0	77.7	133.8
„ 22, ...	76.5	76.6	76.7	76.5	77.6	77.5	78.5	79.3	78.8	79.9	80.2	79.6	79.5	79.8	80.2	79.3	79.5	79.4	79.4	79.5	79.0	79.5	79.5	80.1	78.8	134.4
„ 23, ...	78.9	79.1	79.3	78.8	78.8	78.7	78.6	79.3	79.3	79.0	80.9	80.4	79.1	80.2	79.1	79.5	80.8	80.0	79.0	79.0	79.2	79.3	79.3	78.9	79.4	132.8
„ 24, ...	78.7	78.5	78.4	78.5	78.5	78.2	77.9	79.0	79.4	78.0	79.6	80.3	79.6	80.1	80.0	78.8	78.6	77.8	78.3	78.4	78.3	78.5	78.5	78.7	78.8	134.9
„ 25, ...	78.5	78.4	78.5	78.4	78.5	78.1	77.8	78.6	78.2	78.5	80.3	80.5	79.2	79.8	80.4	79.6	79.0	78.8	78.8	79.0	78.8	77.8	78.6	78.5	78.9	135.3
„ 26, ...	78.5	78.5	78.5	78.6	77.8	78.0	79.0	78.6	79.8	79.2	79.6	79.5	79.7	80.3	79.8	79.2	79.6	79.3	78.9	79.4	79.3	79.0	79.2	79.2	79.1	136.6
„ 27, ...	79.4	79.3	79.2	78.8	78.4	78.6	78.5	79.2	78.7	79.0	80.0	79.2	80.6	79.8	79.8	79.3	79.5	79.0	78.7	79.1	79.1	78.7	78.8	79.0	79.2	137.8
„ 28, ...	78.5	78.9	78.4	79.3	79.3	78.9	79.2	80.0	79.2	80.0	80.2	80.4	80.4	80.6	79.8	79.3	79.3	79.0	79.2	79.3	79.1	79.3	79.2	79.1	79.4	119.3
„ 29, ...	79.5	79.2	78.6	78.5	78.5	78.5	79.1	79.3	80.0	79.8	80.1	79.8	80.3	80.5	80.8	79.3	79.8	78.4	78.7	79.0	78.9	78.8	79.0	79.1	79.3	126.3
„ 30, ...	78.5	78.3	78.2	78.5	77.8	77.6	78.9	80.0	80.2	79.2	78.3	79.8	79.8	80.9	80.5	77.7	78.9	78.7	78.5	78.8	77.6	77.6	77.3	77.5	78.7	139.5
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means, ...	78.2	78.2	77.9	77.9	77.9	77.8	78.2	78.8	79.0	78.9	79.2	79.4	79.3	79.3	79.2	78.8	78.8	78.6	78.3	78.4	78.4	78.4	78.4	78.4	78.6	134.7

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR, FOR THE MONTH OF JUNE, 1911.

Hours.	Hourly Means.		Date.	Daily Means.	
	Humidity.	Tension.		Humidity.	Tension.
			1911.		
1 a.	87	0.928	June 1,.....	92	0.866
2 „	88	.931	„ 2,.....	85	.886
3 „	88	.920	„ 3,.....	85	.910
4 „	88	.921	„ 4,.....	83	.892
5 „	89	.923	„ 5,.....	83	.894
6 „	88	.918	„ 6,.....	84	.918
7 „	85	.919	„ 7,.....	82	.906
8 „	83	.930	„ 8,.....	81	.909
9 „	78	.921	„ 9,.....	87	.932
10 „	77	.913	„ 10,.....	83	.921
11 „	75	.915	„ 11,.....	82	.924
Noon.	74	.919	„ 12,.....	79	.891
1 p.	74	.914	„ 13,.....	75	.874
2 „	74	.915	„ 14,.....	80	.923
3 „	76	.916	„ 15,.....	78	.927
4 „	75	.906	„ 16,.....	79	.940
5 „	78	.914	„ 17,.....	78	.938
6 „	80	.915	„ 18,.....	79	.966
7 „	82	.913	„ 19,.....	81	.954
8 „	84	.923	„ 20,.....	85	.939
9 „	85	.927	„ 21,.....	89	.917
10 „	86	.929	„ 22,.....	83	.930
11 „	87	.933	„ 23,.....	81	.946
Midt.	87	.933	„ 24,.....	78	.916
			„ 25,.....	79	.922
			„ 26,.....	78	.925
			„ 27,.....	79	.932
			„ 28,.....	84	.955
			„ 29,.....	83	.947
			„ 30,.....	82	.924
			.....	...	...
Mean, ...	82	0.921	Means,.....	82	0.921

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.
1911.														
June 1,.....	...	0.1	...	...	...	1.0	1.0	0.1	...	0.4	0.6	...	...	3.2
„ 2,.....	...	0.8	0.8	0.9	0.8	0.8	0.8	1.0	1.0	1.0	1.0	1.0	0.1	10.0
„ 3,.....	...	0.9	0.3	0.1	0.8	1.0	0.8	0.3	0.6	1.0	1.0	1.0	0.4	8.2
„ 4,.....	0.1	0.5	0.1	1.0	1.0	1.0	1.0	1.0	0.5	0.5	0.1	0.8	...	7.6
„ 5,.....	0.3	0.2	0.8	0.7	0.9	1.0	1.0	1.0	1.0	1.0	0.7	1.0	...	9.6
„ 6, ...	...	0.7	1.0	1.0	0.9	1.0	1.0	1.0	1.0	0.9	0.5	1.0	0.6	10.6
„ 7,.....	...	0.6	1.0	1.0	1.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	0.2	10.4
„ 8,.....	0.3	0.6	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	11.1
„ 9,.....	...	0.9	0.9	0.9	0.6	...	...	...	...	...	0.4	0.4	0.5	4.6
„ 10,.....	0.1	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	11.7
„ 11,.....	...	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.1	10.1
„ 12,.....	0.1	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.2	10.8
„ 13,.....	0.4	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.3	11.1
„ 14,.....	0.3	1.0	1.0	0.9	0.7	0.6	...	0.7	0.9	0.7	1.0	0.9	0.1	8.8
„ 15,.....	...	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	10.9
„ 16,.....	...	0.9	0.4	0.9	0.8	1.0	1.0	0.7	1.0	0.8	0.9	0.8	0.7	9.9
„ 17,.....	...	...	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	10.4
„ 18,.....	...	0.8	1.0	1.0	1.0	1.0	1.0	0.8	...	...	...	...	...	6.6
„ 19,.....	...	0.2	1.0	1.0	1.0	1.0	0.7	...	0.5	1.0	1.0	1.0	0.1	8.5
„ 20,.....	...	0.2	0.6	0.9	1.0	0.1	...	0.6	...	1.0	0.7	1.0	...	6.1
„ 21,.....	...	0.1	...	0.3	0.1	0.1	0.1	...	0.2	0.1	...	...	...	1.0
„ 22,.....	...	0.3	0.7	1.0	1.0	0.8	0.8	0.9	0.6	0.7	0.6	0.3	...	7.7
„ 23,.....	...	0.1	0.6	0.7	0.4	0.6	1.0	0.7	0.9	1.0	1.0	1.0	0.4	8.4
„ 24,.....	...	0.9	1.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	11.4
„ 25,.....	...	...	0.1	...	0.6	1.0	0.9	1.0	1.0	1.0	1.0	1.0	0.4	8.0
„ 26,.....	...	0.6	0.4	0.5	0.2	0.5	0.2	1.0	1.0	0.9	1.0	0.6	...	6.9
„ 27,.....	...	0.2	0.2	0.3	0.5	0.8	0.8	1.0	1.0	1.0	0.8	0.9	...	7.6
„ 28,.....	...	0.6	0.5	...	...	0.1	0.2	...	...	...	...	...	...	1.4
„ 29,.....	0.1	0.5	0.9	1.0	1.0	0.8	0.2	0.7	1.0	0.7	0.7	0.1	...	7.7
„ 30,.....	...	0.3	0.2	1.0	0.9	0.8	0.1	0.5	0.9	1.0	1.0	1.0	0.5	8.2
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,.....	1.7	15.8	19.6	22.9	23.3	23.6	21.6	22.0	22.1	23.7	23.0	21.7	7.5	248.5

TABLE VI.

RAINFALL FOR THE MONTH OF JUNE, 1911.

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,	...	0.005	0.020	0.010	0.015	...	0.005	0.040	...	...	...	...	0.035	...	...	...	...	...	...	...	...	...	...	...	0.130	4
„ 2,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 3,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	...	...	0.005	...
„ 4,	...	...	...	...	...	...	0.005	...	...	...	...	...	...	...	...	...	...	0.110	...	...	...	...	...	...	0.115	1
„ 5,	...	...	...	...	...	...	0.025	...	...	...	...	...	...	...	...	...	...	...	0.010	...	...	...	...	...	0.035	...
„ 6,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.110	0.105	...	...	...	...	...	...	...	...	0.215	1
„ 7,	...	...	...	...	...	0.030	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.030	...
„ 8,	...	...	0.005	...	...	...	...	0.025	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.030	...
„ 9,	...	...	...	0.020	...	...	0.005	...	...	0.055	...	0.100	...	...	...	...	...	...	...	...	...	...	...	...	0.180	1
„ 10,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 11,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 12,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 13,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 14,	...	...	...	...	0.130	...	...	...	...	...	0.225	...	...	0.030	0.195	...	...	0.035	...	...	0.060	...	...	...	0.675	1
„ 15,	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	...
„ 16,	...	...	0.050	...	...	0.020	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.070	1
„ 17,	...	...	...	0.175	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.175	...
„ 18,	...	...	...	...	0.020	0.050	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.095	...	0.165	1
„ 19,	...	...	...	...	...	...	...	...	...	...	...	...	0.015	...	...	...	...	...	...	...	0.020	...	...	...	0.035	1
„ 20,	0.020	...	...	0.020	...	0.100	0.005	0.005	...	...	0.200	0.060	0.400	0.020	...	0.005	...	0.025	...	0.015	0.075	0.030	0.125	0.015	1.120	5
„ 21,	0.010	0.005	0.015	0.020	0.005	0.010	0.050	0.085	...	0.045	...	...	0.100	0.130	0.130	0.050	0.055	0.120	...	0.005	0.010	0.435	0.165	0.045	1.520	10
„ 22,	...	0.140	0.015	...	0.080	0.025	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.260	2
„ 23,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 24,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 25,	...	...	...	...	...	0.040	0.020	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.060	...
„ 26,	...	...	...	...	...	...	...	...	...	...	0.005	0.005	...	...	...	...	...	...	...	...	...	...	...	...	0.010	...
„ 27,	...	...	...	...	...	0.010	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.010	...
„ 28,	...	...	...	0.120	0.015	...	...	0.010	0.005	...	...	0.010	0.080	...	...	...	...	...	...	...	...	...	...	...	0.240	1
„ 29,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 30,	...	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	...
Sums,	0.035	0.150	0.110	0.365	0.265	0.315	0.115	0.165	0.005	0.100	0.430	0.175	0.630	0.180	0.435	0.160	0.055	0.290	0.010	0.020	0.165	0.470	0.385	0.060	5.090	29

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND, FOR THE MONTH OF JUNE, 1911.

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	24	7	19	7	16	8	15	8	16	8	14	9	15	9	20	8	13	8	15	7	15	8	20	9	16	8	10	8	12	9	9	8	8	8	9	8	13	8	15	9	7	10	6	9	3	9	2	312	13.0	8
" 2,	...	1	...	0	9	2	...	1	...	0	...	0	9	2	9	3	9	5	9	6	32	4	10	7	17	5	17	11	17	11	16	9	17	7	17	8	17	5	16	3	...	1	16	2	...	0	...	0	93	3.9	15
" 3,	16	3	16	3	...	0	...	0	...	1	16	2	...	1	25	2	...	1	25	4	25	5	10	9	8	8	12	5	12	6	11	9	9	14	9	14	9	10	13	11	13	9	10	7	12	9	7	6	139	5.8	11
" 4,	7	4	7	3	8	3	16	4	16	3	9	5	7	8	9	12	9	10	10	8	9	12	10	13	12	16	14	14	12	15	14	14	15	15	15	15	8	8	8	8	12	8	8	7	9	11	9	12	228	9.5	11
" 5,	10	14	12	14	13	16	12	16	12	13	9	10	11	12	9	21	10	20	9	24	9	20	9	23	9	23	9	21	9	24	10	19	10	18	10	16	11	16	10	16	10	17	9	15	10	18	9	17	423	17.6	10
" 6,	8	15	9	14	9	15	9	17	9	16	9	15	11	17	9	20	9	22	9	22	10	29	9	25	9	25	9	18	8	19	10	15	9	18	10	20	10	15	9	16	9	18	10	18	8	17	10	18	444	18.5	9
" 7,	11	15	11	18	9	24	9	21	9	21	9	20	11	22	10	22	10	24	9	24	10	19	10	23	9	20	10	20	8	20	10	18	9	22	9	17	10	20	10	19	10	18	10	16	8	17	9	14	474	19.7	10
" 8,	10	16	9	13	9	10	9	16	9	16	10	15	10	16	10	18	9	18	8	18	9	16	10	18	10	18	10	19	10	19	9	17	9	18	9	13	9	13	9	14	9	15	9	12	9	16	11	14	378	15.7	9
" 9,	10	14	10	13	10	14	10	12	9	10	11	13	11	17	9	19	9	24	10	23	10	19	11	15	15	8	16	6	9	16	9	13	10	18	10	15	10	12	10	14	11	11	11	9	11	12	11	10	337	14.0	10
" 10,	11	9	11	9	11	7	8	4	8	2	11	3	11	5	10	10	11	12	9	13	9	14	9	16	9	17	9	18	8	16	8	17	8	12	9	10	11	10	11	10	11	8	10	6	12	4	12	2	234	9.8	10
" 11,	...	1	...	1	12	2	...	0	...	0	...	0	...	0	11	4	11	7	10	12	9	14	9	12	9	13	9	14	8	15	8	15	9	14	9	11	11	7	11	7	11	4	11	4	11	3	11	5	165	6.9	9
" 12,	11	5	12	5	13	8	13	4	...	1	13	2	13	2	8	8	8	10	8	16	8	15	8	14	8	18	8	16	9	14	15	10	13	9	13	8	12	6	12	4	12	7	12	5	12	4	12	4	195	8.1	10
" 13,	12	9	13	8	13	4	13	3	13	2	13	3	13	3	14	7	16	7	17	14	16	10	16	9	18	8	18	10	16	10	17	10	16	9	19	6	18	8	16	6	17	5	16	8	16	9	19	7	175	7.3	16
" 14,	16	6	17	7	18	6	18	4	19	7	18	7	19	8	19	9	18	6	16	6	17	8	18	8	17	11	17	10	17	7	15	4	15	9	16	8	16	7	...	1	...	1	16	2	16	4	16	4	150	6.2	17
" 15,	18	6	19	6	17	8	19	7	18	6	23	3	...	1	27	2	24	8	20	6	20	10	19	9	19	12	19	9	19	8	17	7	18	6	17	6	18	2	18	3	19	4	17	4	17	2	19	6	141	5.9	19
" 16,	18	3	19	7	27	6	30	7	...	1	...	0	...	0	...	1	24	3	27	7	24	9	24	10	21	6	22	7	24	7	24	4	16	6	16	6	16	5	16	5	16	4	15	3	17	3	17	5	115	4.8	21
" 17,	18	4	19	7	19	7	22	11	22	10	21	6	22	7	23	6	22	9	22	10	20	9	20	10	20	12	19	13	19	14	19	12	18	12	18	9	17	5	16	5	25	4	...	1	19	3	20	12	198	8.3	20
" 18,	20	12	20	12	20	11	20	13	20	9	22	12	21	12	23	7	23	9	20	11	20	11	22	8	20	8	22	8	25	3	25	2	26	2	17	6	16	5	16	5	...	1	18	3	...	1	18	5	176	7.3	20
" 19,	12	8	17	7	16	5	...	0	...	1	24	8	29	6	29	2	18	3	27	6	27	6	6	5	10	9	10	13	8	15	9	17	9	15	9	16	9	16	10	20	10	21	10	21	10	19	10	22	261	10.9	10
" 20,	10	19	9	20	10	20	8	16	8	12	8	13	8	13	8	18	10	14	9	17	7	21	8	14	7	17	7	6	7	12	7	26	7	24	7	26	8	27	7	24	7	29	8	27	8	28	10	29	472	19.7	8
" 21,	13	33	13	35	11	29	13	25	9	21	13	24	13	26	15	31	16	26	16	25	15	23	15	23	15	24	16	21	16	22	17	16	15	17	16	18	16	19	15	16	17	12	17	13	19	14	18	7	521	21.7	14
" 22,	18	13	16	10	17	20	17	19	17	21	17	19	17	19	17	22	17	19	16	21	16	20	16	19	16	19	16	22	16	18	16	17	17	18	17	19	17	20	17	19	18	14	17	12	16	18	17	14	432	18.0	17
" 23,	16	16	17	16	17	14	16	13	17	16	17	12	17	10	16	9	17	9	19	12	18	10	18	11	18	8	20	12	17	14	18	10	18	11	18	11	20	8	18	8	16	5	16	4	16	2	17	5	247	10.3	17
" 24,	18	6	18	7	16	10	17	7	19	9	19	16	18	10	19	9	19	11	20	13	19	16	19	21	19	23	19	22	21	16	19	14	20	19	19	17	18	8	20	8	19	10	19	6	19	9	19	9	290	12.1	19
" 25,	19	10	19	12	18	14	19	12	19	11	20	19	19	20	19	18	20	17	19	19	19	23	20	21	19	21	19	27	19	25	19	24	19	21	19	19	19	13	19	11	19	13	19	17	18	14	19	13	414	17.2	19
" 26,	18	17	19	16	20	14	20	16	19	15	20	12	20	12	20	16	20	20	19	20	18	21	19	27	19	28	19	24	19	24	19	22	20	17	20	14	19	11	20	11	18	12	18	12	18	9	19	9	399	16.6	19
" 27,	18	13	20	16	20	17	19	15	19	17	18	11	20	13	20	17	20	19	20	21	19	22	19	22	19	26	18	22	19	25	19	20	19	16	19	13	19	10	19	11	19	8	17	5	18	10	18	7	376	15.7	19
" 28,	18	7	19	9	18	11	19	10	19	12	19	9	19	8	19	10	20	10	18	12	18	10	18	10	19	16	19	18	19	17	20	13	19	10	18	9	18	8	18	8	17	9	18	5	17	3	16	8	242	10.1	19
" 29,	17	3	17	10	16	9	17	8	17	9	18	6	17	5	17	5	16	9	17	7	16	5	16	8	16	11	16	14	16	12	15	7	16	10	18	8	18	9	19	4	18	5	18	3	17	5	17	6	178	7.4	17
" 30,	17	6	17	3	...	1	16	3	15	3	10	3	...	1	10	2	13	4	14	3	15	5	8	6	9	8	16	8	9	7	15	11	14	8	16	6	16	5	15	4	12	4	10	5	10	4	9	3	113	4.7	13
Sums,	...	312	...	320	...	323	...	299	...	281	...	276	...	291	...	350	...	369	...	416	...	421	...	436	...	454	...	438	...	443	...	401	...	403	...	373	...	321	...	306	...	285	...	258	...	271	...	275	8322	346.7	...
Means,	...	10.4	...	10.7	...	10.8	...	10.0	...	9.4	...	9.2	...	9.7	...	11.7	...	12.3	...	13.9	...	14.0	...	14.5	...	15.1	...	14.6	...	14.8	...	13.4	...	13.4	...	12.4	...	10.7	...	10.2	...	9.5	...	8.6	...	9.0	...	9.2	277.4	11.6	...

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
1911.												
June 1, ...	10	cum-nim.	E	10	cum-nim.	E	10	nim.	ESE	9	cum.	ESE
„ 2, ...	0	...	...	0	...	...	4	cum.	SW	7	cum.	WSW
„ 3, ...	2	cum.	...	3	cum.	SW	7	c-str. / cum.	SSW	7	c-str. / cum.	SSW
„ 4, ...	6	c-str. / cum.	...	4	cum.	S	9	c-str. / cum.	S	5	c-str. / cum.	S
„ 5, ...	4	cum.	S	6	cum.	SSE	8	cum.	SE	8	cum.	SE
„ 6, ...	8	cum.	ESE	10	cum.	ESE	6	c-str. / cum.	WNW / ESE	7	cum.	ESE
„ 7, ...	6	cum.	SE	8	cum.	ESE	6	cum.	E	7	cum.	E
„ 8, ...	6	cum.	ESE	6	cum.	ESE	6	cum.	ESE	6	cum.	E
„ 9, ...	6	cum.	E	10	nim.	E	8	cum.	ESE	9	nim.	E
„ 10, ...	2	cum.	E	4	cum.	E	5	cum.	E	5	cum.	E
„ 11, ...	8	c-str. / cum.	E	7	c-str. / cum.	E	6	sm-cum. / cum.	NE / E	5	c-str. / cum.	ESE
„ 12, ...	9	sm-cum. / cum.	...	10	c-cum. / cum.	ESE	4	c-str. / cum.	ESE	7	c-str. / cum.	NNE / ESE
„ 13, ...	4	cum.	ESE	4	cum.	ESE	6	c-str. / cum.	SE	6	c-str. / cum.	S
„ 14, ...	8	cum.	SSW	10	cum.	SSW	6	c-str. / cum.	SW	9	c-str. / cum.	SW
„ 15, ...	9	cum.	SW	10	cum.	SW	5	c-str. / cum.	SW	6	c-str. / cum.	SW
„ 16, ...	7	c-str. / cum.	SW	10	cum.	SW	9	c-str. / cum	SW	9	c-str. / cum. / nim.	.. / SW / SSW
„ 17, ...	7	cum.	SW	10	cum.	SW	7	c-str. / cum.	SW	6	c-str. / cum.	SW
„ 18, ...	5	cum.	SW	9	cum.	SW	3	c-str. / cum.	SW	6	c-str. / cum.	SW
„ 19, ...	8	c-str. / cum.	S	7	c-cum. / cum.	SSW	10	sm-cum. / cum.	SW	7	cum.	SW
„ 20, ...	9	cum. / nim.	ESE / E	9	cum. / nim.	ESE / E	10	cum. / nim.	E / E	5	cum.	E
„ 21, ...	10	nim.	E	10	nim.	E	10	nim.	SSE	10	nim.	S
„ 22, ...	5	cum.	...	10	cum.	S	9	c-cum. / cum.	SSW	7	c-cum. / cum.	SSW
„ 23, ...	5	cum.	SSW	5	cum.	SSW	9	cum.	SW	8	cum.	SW
„ 24, ...	5	cum.	SW	4	cum.	SW	8	cum.	SW	6	cum.	SW
„ 25, ...	6	cum.	SW	10	cum.	SW	10	nim.	SW	8	cum.	SW
„ 26, ...	10	cum.	SW	8	cum.	SW	9	cum.	SW	10	cum.	SW
„ 27, ...	10	cum.	SW	10	cum.	SW	9	cum.	SW	8	cum.	SW
„ 28, ...	10	nim.	SW	10	nim.	SW	8	cum.	SW	10	cum.	SW
„ 29, ...	4	cum.	SW	9	cum.	SW	9	cum.	SSW	8	cum.	SSW
„ 30, ...	2	cum.	...	4	cum.	SSW	7	c-str. / cum.	S	8	c-str. / cum.	S
.....	...	...	...	...	...	...	...	...	...	...	...	...
Means,...	6.4	...	...	7.6	...	...	7.4	...	...	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	
1911.													
June 1,...	10	nim.	E	10	c-str. / cum.	SW / E	7	c-str. / sm-cum. / cum.	SW / SSW / E	6	cum.	E	9.0
„ 2,...	5	cum.	WSW	3	cum.	WSW	3	cum.	WSW	1	cum.	...	2.9
„ 3,...	9	cum.	SW	6	c-str. / cum.	SSW	7	nim.	S	8	cum.	S	6.1
„ 4,...	7	c-str. / cum.	SSE	10	cum.	SSE	10	cum.	S	8	c-str. / sm-cum.	S	7.4
„ 5,...	6	c-str. / cum.	SSE	9	c-str. / cum.	SSE	10	cum. / nim.	SE / ESE	6	c-str. / cum.	ESE	7.1
„ 6,...	5	cum.	ESE	7	cum. / nim.	ESE / E	7	cum.	SE	5	cum.	SE	6.9
„ 7,...	4	cum.	ESE	4	cum.	E	4	c-str. / cum.	E	2	cum.	E	5.1
„ 8,...	4	cum.	E	3	cum.	E	2	cum.	E	7	cum.	E	5.0
„ 9,...	10	nim.	E	10	c-str / cum. / nim.	.. / ESE / E	4	c-str. / cum.	E	4	cum.	E	7.6
„ 10,...	2	c-str. / cum.	...	4	c-str. / cum.	E	2	c-str.	...	9	c-str. / cum.	E	4.1
„ 11,...	5	c-str. / cum.	NNE / E	9	c-str. / cum.	E	9	c-str. / cum.	...	9	c-str. / cum.	ESE	7.2
„ 12,...	5	c-str. / cum.	ESE	5	c-str. / cum.	ESE	8	c-str. / cum.	ESE	5	c-str. / cum.	ESE	6.6
„ 13,...	5	c-str. / cum.	S	6	c-str. / cum.	SSW	6	c-str. / cum.	SW	7	c-str. / cum.	SW	5.5
„ 14,...	5	c-str. / cum.	SW	7	cum.	SW	7	c-str. / cum.	SW	8	c-str. / cum.	SW	7.5
„ 15,...	5	c-str. / cum.	SW	4	c-str. / cum.	SW	6	c-str. / cum.	SW	4	c-str. / cum.	SW	6.1
„ 16,...	7	c-str. / cum.	SW	7	c-str. / cum.	SW	3	c-str. / cum.	...	2	cum.	...	6.8
„ 17,...	6	c-str. / cum.	SW	6	c-str. / cum.	SW	1	cum.	...	1	cum.	...	5.5
„ 18,...	8	c-str. / cum.	SW	9	c-str. / cum.	...	10	c-str. / cum.	...	3	cum.	...	6.6
„ 19,...	9	c-str. / cum.	SSE	7	c-str. / cum.	E / SE	7	c-str. / cum.	E	2	cum.	E	7.1
„ 20,...	8	c-str. / cum.	E	8	c-str. / cum.	E	8	cum.	E	10	nim.	...	8.4
„ 21,...	10	nim.	S	10	nim.	S	10	cum-nim.	S	10	cum-nim.	...	10.0
„ 22,...	9	cum.	SSW	9	c-str. / cum.	SSW	10	cum.	S	9	cum.	S	8.5
„ 23,...	9	c-str. / cum.	SW	8	cum.	SW	7	cum.	SSW	4	cum.	SW	6.9
„ 24,...	7	c-str. / cum.	SW	7	cum.	SW	3	c-str. / cum.	SW	2	cum.	SW	5.2
„ 25,...	7	cum.	SW	6	cum.	SW	7	cum.	SW	8	cum.	SW	7.8
„ 26,...	9	c-str. / cum.	SW	9	c-str. / cum.	SW	10	cum.	SW	10	cum.	SW	9.4
„ 27,...	9	cum.	SW	9	c-str. / cum.	SW	10	c-str. / cum.	SW	10	cum.	WSW	9.4
„ 28,...	10	nim.	SW	10	cum.	SW	10	cum.	SW	7	cum.	SW	9.4
„ 29,...	9	c-str. / cum.	SSW	10	c-str. / cum.	SSW	9	c-str. / cum.	SW	4	cum.	SW	7.7
„ 30,...	9	c-str. / cum.	S	8	c str. / cum.	S	7	c-str. / cum.	SSE	2	cum.	...	5.9
.....	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,...	7.1	...	...	7.3	...	...	6.8	...	...	5.8	...	...	7.0

TABLE IX.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR THE MONTH OF JUNE, 1911.

Hours.	Components (miles per hour).						Direction.
	N	E	S	W	+N −S	+E −W	
1 a.	0.2	5.2	6.4	1.4	− 6.2	+ 3.7	S 31° E
2 „	0.2	5.0	6.6	2.1	6.4	2.9	S 25° E
3 „	0.2	4.9	6.6	2.0	6.4	2.9	S 25° E
4 „	0.2	4.3	5.7	2.2	5.5	2.1	S 21° E
5 „	0.0	4.2	5.1	2.2	5.1	2.0	S 21° E
6 „	0.1	4.1	5.0	2.4	4.9	1.7	S 19° E
7 „	0.2	4.3	5.9	2.2	5.6	2.1	S 21° E
8 „	0.1	6.0	5.8	2.4	5.7	3.6	S 32° E
9 „	0.0	5.8	6.4	3.0	6.4	2.8	S 24° E
10 „	0.3	6.5	7.0	3.3	6.7	3.2	S 26° E
11 „	0.5	6.5	7.3	3.1	6.8	3.4	S 27° E
Noon.	0.1	7.2	7.4	3.1	7.4	4.0	S 29° E
1 p.	0.1	6.9	8.6	3.3	8.5	3.6	S 23° E
2 „	0.0	5.3	9.3	3.3	9.3	2.0	S 12° E
3 „	0.1	6.8	7.7	3.0	7.6	3.7	S 26° E
4 „	0.2	6.0	7.8	2.5	7.7	3.5	S 25° E
5 „	0.2	6.5	7.7	2.3	7.5	4.2	S 29° E
6 „	0.2	5.7	7.5	2.0	7.3	3.6	S 26° E
7 „	0.0	5.4	6.2	1.5	6.2	3.9	S 32° E
8 „	0.2	5.6	5.6	1.3	5.5	4.3	S 38° E
9 „	0.2	5.3	5.2	1.3	5.0	3.9	S 38° E
10 „	0.0	5.0	4.7	0.9	4.7	4.1	S 41° E
11 „	0.0	5.2	4.7	1.0	4.7	4.2	S 42° E
Midt.	0.0	4.9	5.3	1.5	− 5.3	+ 3.3	S 32° E
Means,.....	0.1	5.5	6.5	2.2	− 6.35	+ 3.28	S 27° E

PHENOMENA :—

Solar halo :—on the 3rd, 12th, 16th, 18th, 19th, 26th and 27th.

Lunar halo :—on the 10th and 11th.

Lunar Corona :—on the 17th.

Dew :—on the 2nd, 3rd, 10th, 11th and 12th.

Rainbow :—on the 7th, 8th, 9th, 16th, 18th, 19th, 20th and 27th.

Lightning without thunder :—on the 6th, 11th, 17th, 18th, 27th, 28th, 29th and 30th.

Thunder without lightning :—on the 4th, 11th and 17th.

Thunderstorms :—on the 9th. 9.50 a—10.50 a, in WSW, distant : 19thh. 5.30 a—6.20 a, S—N, nearest at 5.45 a (2°) ;

TABLE I.

BAROMETRIC PRESSURE, FOR THE MONTH OF JULY, 1911.

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,...	29.630	29.624	29.624	29.630	29.630	29.637	29.652	29.668	29.676	29.678	29.676	29.668	29.662	29.646	29.646	29.636	29.632	29.636	29.662	29.680	29.695	29.704	29.698	29.688	29.657
" 2,...	.680	.660	.642	.654	.657	.672	.680	.692	.695	.692	.682	.674	.662	.648	.620	.608	.623	.630	.622	.624	.640	.653	.640	.622	.653
" 3,...	.614	.592	.557	.578	.580	.596	.592	.592	.574	.572	.561	.558	.556	.516	.475	.455	.462	.484	.502	.503	.504	.500	.482	.455	.537
" 4,...	.420	.404	.381	.400	.400	.414	.418	.438	.464	.478	.476	.480	.494	.502	.506	.516	.516	.540	.575	.600	.608	.630	.641	.648	.498
" 5,...	.640	.620	.612	.618	.640	.650	.674	.702	.708	.707	.708	.700	.692	.676	.668	.669	.668	.678	.694	.710	.726	.745	.748	.748	.683
" 6,...	.741	.734	.726	.726	.734	.746	.756	.767	.782	.786	.778	.759	.750	.740	.725	.710	.706	.714	.726	.742	.752	.770	.777	.760	.746
" 7,...	.736	.734	.734	.734	.740	.758	.767	.766	.772	.778	.778	.756	.743	.734	.716	.700	.692	.700	.714	.732	.746	.766	.768	.752	.742
" 8,...	.737	.734	.736	.736	.735	.748	.756	.768	.776	.777	.766	.752	.748	.720	.706	.689	.682	.688	.700	.711	.726	.738	.736	.720	.733
" 9,...	.715	.705	.712	.712	.705	.716	.724	.736	.748	.752	.758	.749	.736	.708	.687	.671	.661	.667	.685	.701	.715	.727	.737	.731	.715
" 10,...	.717	.703	.699	.687	.681	.677	.699	.711	.719	.725	.715	.693	.679	.667	.650	.635	.626	.637	.657	.666	.680	.695	.704	.699	.684
" 11,...	.677	.661	.647	.635	.639	.665	.671	.679	.685	.694	.679	.668	.654	.640	.622	.606	.609	.612	.640	.663	.682	.696	.700	.698	.659
" 12,...	.694	.676	.670	.674	.670	.654	.698	.708	.710	.706	.700	.685	.680	.664	.652	.648	.646	.648	.652	.669	.675	.690	.690	.693	.678
" 13,...	.682	.668	.658	.662	.670	.669	.680	.676	.680	.690	.690	.684	.660	.656	.642	.628	.622	.625	.631	.640	.658	.676	.670	.657	.661
" 14,...	.638	.622	.632	.615	.612	.616	.620	.622	.622	.631	.630	.614	.603	.578	.558	.552	.536	.544	.560	.564	.576	.580	.577	.562	.594
" 15,...	.525	.514	.506	.508	.514	.518	.516	.525	.544	.535	.515	.497	.479	.463	.441	.419	.409	.409	.413	.417	.434	.453	.447	.433	.476
" 16,...	.419	.407	.395	.391	.397	.405	.416	.416	.418	.415	.400	.376	.373	.358	.338	.324	.308	.312	.324	.338	.352	.380	.365	.356	.374
" 17,...	.314	.319	.328	.338	.334	.346	.359	.370	.388	.384	.380	.376	.358	.344	.324	.311	.308	.313	.335	.358	.395	.416	.403	.398	.355
" 18,...	.374	.374	.368	.365	.378	.398	.400	.410	.412	.412	.418	.416	.398	.386	.376	.370	.394	.406	.426	.450	.462	.472	.474	.474	.409
" 19,...	.466	.446	.446	.444	.446	.470	.478	.488	.511	.511	.510	.506	.493	.477	.458	.453	.464	.474	.500	.507	.530	.526	.524	.514	.485
" 20,...	.508	.497	.496	.498	.496	.518	.528	.542	.552	.564	.569	.562	.546	.531	.517	.506	.505	.514	.544	.556	.570	.584	.590	.588	.537
" 21,...	.572	.552	.540	.529	.536	.548	.554	.562	.570	.571	.576	.557	.542	.525	.516	.496	.512	.518	.541	.558	.556	.568	.574	.565	.547
" 22,...	.546	.538	.512	.513	.517	.526	.544	.544	.540	.540	.529	.506	.496	.482	.472	.465	.453	.476	.494	.524	.534	.541	.546	.521	.515
" 23,...	.507	.488	.463	.463	.471	.485	.493	.495	.509	.519	.515	.506	.498	.480	.466	.450	.446	.458	.466	.480	.490	.498	.498	.482	.484
" 24,...	.470	.451	.440	.444	.452	.472	.479	.486	.483	.488	.479	.457	.432	.404	.394	.380	.380	.386	.406	.420	.438	.454	.448	.446	.442
" 25,...	.438	.422	.414	.404	.398	.402	.406	.413	.428	.415	.407	.395	.378	.364	.354	.345	.340	.345	.357	.376	.393	.397	.396	.399	.391
" 26,...	.383	.384	.373	.414	.394	.375	.400	.396	.406	.410	.412	.405	.394	.378	.368	.352	.350	.388	.398	.406	.436	.432	.452	.420	.397
" 27,...	.408	.398	.370	.350	.325	.288	.240	.166	.156	.124	.168	.290	.388	.404	.440	.456	.487	.512	.531	.567	.576	.623	.623	.620	.396
" 28,...	.619	.619	.629	.646	.632	.635	.669	.671	.694	.701	.703	.699	.706	.708	.692	.676	.668	.670	.682	.690	.706	.722	.724	.716	.678
" 29,...	.700	.700	.686	.680	.679	.684	.695	.699	.703	.705	.713	.701	.683	.672	.657	.641	.629	.627	.637	.651	.662	.679	.685	.673	.677
" 30,...	.659	.655	.649	.648	.653	.657	.657	.663	.677	.679	.683	.675	.663	.645	.636	.617	.603	.605	.609	.624	.637	.654	.657	.658	.648
" 31,...	.651	.653	.639	.637	.636	.649	.647	.647	.649	.651	.645	.633	.622	.605	.597	.579	.571	.573	.577	.589	.604	.621	.619	.619	.621
Means,.....	29.578	29.566	29.559	29.559	29.560	29.569	29.576	29.581	29.589	29.590	29.588	29.581	29.573	29.559	29.546	29.534	29.533	29.542	29.557	29.571	29.586	29.600	29.600	29.591	29.570

TABLE II.

TEMPERATURE, FOR THE MONTH OF JULY, 1911.

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,	79.7	79.5	79.6	79.5	79.4	79.2	82.0	83.7	83.4	86.2	85.8	84.4	84.0	85.1	84.6	83.0	82.2	81.7	80.4	80.0	80.2	79.7	79.6	79.1	81.7	87.2	79.0
" 2,	79.0	79.2	79.5	78.7	78.2	79.1	80.5	81.0	82.5	83.0	82.0	82.2	84.6	84.0	83.2	82.6	81.5	80.9	80.8	80.5	81.1	81.3	82.2	82.9	81.3	84.6	78.1
" 3,	82.9	82.7	82.7	83.2	83.0	82.3	81.0	82.3	84.5	84.9	83.7	81.0	76.0	77.5	78.0	79.3	80.0	79.5	78.0	76.9	77.7	79.2	78.6	79.0	80.6	85.4	75.0
" 4,	78.0	80.0	76.5	78.0	79.7	79.0	77.2	78.0	76.7	77.5	77.5	77.2	77.4	77.4	77.3	77.2	77.4	77.8	78.0	78.4	77.1	78.1	78.6	78.4	77.8	80.0	75.9
" 5,	78.6	78.6	79.6	78.9	79.5	79.7	80.7	81.3	81.4	83.5	84.3	85.0	83.8	83.3	82.5	81.7	80.6	80.2	79.8	78.7	79.7	79.7	79.6	79.7	80.9	85.0	78.0
" 6,	79.6	79.4	79.1	78.9	78.8	78.7	79.6	81.7	81.7	82.0	83.6	84.9	84.0	83.1	82.7	81.5	81.6	79.7	79.3	79.5	79.2	79.0	79.3	78.9	80.7	84.9	78.3
" 7,	78.6	78.6	78.4	78.5	78.8	78.3	79.3	81.0	82.0	83.9	82.8	83.7	83.0	83.3	83.2	83.0	82.1	81.6	80.2	80.0	80.0	80.0	79.2	79.1	80.8	84.2	78.0
" 8,	78.9	78.6	78.4	78.1	78.2	78.2	80.0	81.3	81.8	82.8	85.7	86.5	84.3	85.5	83.3	82.7	81.9	81.0	79.8	79.9	79.8	79.8	79.4	79.4	81.1	86.5	77.9
" 9,	79.4	79.6	79.6	79.6	79.5	79.7	80.8	82.0	83.0	84.3	85.9	86.8	87.0	85.0	85.0	84.6	83.0	82.9	81.2	81.4	81.1	80.6	80.7	80.6	82.2	87.3	79.0
" 10,	80.6	80.5	79.9	79.8	79.7	79.8	80.4	82.5	83.2	83.9	84.6	86.0	87.3	87.8	87.3	87.2	85.7	83.4	82.2	81.4	81.6	81.5	81.4	81.4	82.9	88.3	79.0
" 11,	80.9	80.7	79.6	80.9	80.8	81.2	81.9	82.3	83.2	83.8	84.5	85.3	87.8	87.3	87.0	85.4	83.8	83.0	82.1	82.2	81.7	81.5	81.1	80.7	82.9	87.9	79.6
" 12,	80.3	80.4	80.3	80.4	80.7	80.6	81.6	82.0	83.1	84.0	86.2	85.4	85.5	87.1	87.0	84.7	82.7	83.0	82.0	80.0	80.3	80.7	80.8	80.8	82.5	87.5	79.6
" 13,	80.4	80.4	81.0	80.4	78.9	79.1	81.7	83.0	83.5	84.0	85.0	85.0	87.3	85.6	86.1	84.0	84.2	82.7	82.3	81.4	81.7	81.8	81.2	81.4	82.6	88.0	78.5
" 14,	81.3	80.0	79.9	79.7	79.6	79.8	81.1	81.6	83.0	83.8	83.9	84.3	84.0	86.1	86.6	83.5	82.7	82.5	81.8	81.3	80.2	80.0	79.9	78.9	81.9	86.9	78.9
" 15,	79.9	78.8	78.6	78.6	78.4	78.5	80.2	81.5	83.5	84.7	84.8	86.1	87.0	88.3	87.7	86.0	85.8	85.3	84.2	84.1	83.8	83.7	83.3	82.6	83.1	88.3	78.0
" 16,	82.2	81.6	82.6	82.0	82.0	82.0	82.6	83.7	85.9	84.7	87.3	88.0	88.7	90.5	89.7	90.4	89.8	87.0	85.7	85.1	84.7	84.7	84.3	83.8	85.4	91.2	81.5
" 17,	83.8	83.7	83.6	83.3	82.7	82.6	83.1	84.8	85.4	86.8	88.0	90.0	88.2	88.0	86.7	86.4	85.7	84.7	84.5	84.3	84.3	84.4	83.9	83.8	85.1	90.0	82.4
" 18,	83.6	83.4	83.5	82.6	82.1	82.8	83.0	83.4	84.4	85.5	87.2	88.5	87.0	85.6	87.1	86.0	85.0	84.6	83.9	83.6	83.6	83.7	83.5	83.5	84.5	88.9	82.1
" 19,	83.2	82.7	82.6	82.5	82.5	77.0	78.3	80.0	81.0	82.6	81.7	82.8	82.0	81.6	81.9	81.8	79.6	79.4	78.1	78.9	79.2	79.1	79.3	79.6	80.7	83.6	77.0
" 20,	78.4	78.8	78.0	77.7	77.8	77.8	79.1	80.0	79.4	79.2	78.8	80.0	80.4	81.7	83.4	81.8	80.5	80.0	77.9	79.6	79.9	80.3	80.4	80.5	79.6	83.4	77.2
" 21,	80.1	79.7	79.4	79.7	79.6	79.9	80.3	81.0	81.9	82.0	83.3	81.1	78.7	79.8	79.4	79.8	79.8	79.7	79.0	79.8	80.0	80.1	80.1	80.8	80.2	83.9	77.9
" 22,	80.6	79.5	79.8	79.8	78.7	79.1	79.0	80.0	81.8	81.8	83.0	84.8	84.7	83.3	84.0	83.2	82.0	82.0	81.6	81.5	81.1	81.0	80.5	80.5	81.4	85.1	77.9
" 23,	80.3	80.5	80.5	80.5	79.8	79.7	81.0	83.8	82.9	83.0	84.8	84.7	84.2	84.7	84.0	84.3	83.8	82.1	81.0	80.7	80.4	80.1	79.7	80.0	81.9	84.9	79.3
" 24,	79.7	79.2	78.9	78.7	79.0	78.5	81.7	82.1	84.6	85.1	85.8	86.0	87.1	88.5	88.4	87.1	85.8	83.0	81.5	81.1	80.2	80.0	80.5	80.0	82.6	88.5	77.8
" 25,	80.0	79.5	79.1	78.5	78.4	78.4	80.0	82.3	84.7	85.5	86.9	86.5	87.8	88.9	89.3	89.5	88.5	87.2	86.0	84.1	82.7	83.0	81.9	82.1	83.8	89.6	78.0
" 26,	81.5	81.3	80.7	79.5	79.5	79.2	80.6	82.7	85.5	86.0	87.0	87.0	89.1	90.3	89.8	89.0	86.0	83.2	83.1	82.8	81.9	82.0	81.6	81.8	83.8	90.3	79.2
" 27,	82.9	83.1	81.8	78.8	78.5	78.1	78.5	77.3	79.0	79.3	79.6	80.8	79.5	80.3	80.0	79.0	80.0	79.8	79.2	79.5	79.5	79.7	80.5	80.7	79.8	83.1	77.3
" 28,	80.9	80.7	80.8	81.5	81.0	81.0	80.9	81.1	82.9	83.0	84.0	84.1	85.6	86.3	84.8	83.0	82.5	82.0	80.8	80.7	80.6	80.5	79.9	79.7	82.0	86.3	79.5
" 29,	79.7	80.6	79.4	78.9	78.8	78.8	81.3	82.7	84.0	84.2	83.7	86.0	86.5	87.6	88.1	85.1	84.3	83.0	81.4	80.4	80.6	80.5	79.9	79.7	82.3	88.1	78.2
" 30,	79.5	79.2	79.2	79.4	79.6	80.0	81.5	82.4	84.0	84.7	84.8	86.0	87.3	88.0	88.9	86.9	86.0	84.1	82.8	82.1	81.2	81.5	80.9	80.8	83.0	88.9	79.1
" 31,	80.7	80.8	80.4	79.8	79.9	80.1	81.6	83.0	83.9	85.0	86.2	88.0	88.7	89.0	88.3	87.9	86.5	85.2	83.7	83.0	82.4	82.2	81.7	81.4	83.7	89.0	79.6
Means.	80.5	80.4	80.1	79.9	79.8	79.6	80.7	81.8	82.8	83.6	84.3	84.8	84.8	85.2	85.0	84.1	83.3	82.3	81.4	81.1	80.9	80.9	80.8	80.7	82.0	86.7	78.6

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION, FOR THE MONTH OF JULY, 1911.

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.	77.6	77.8	77.5	77.4	77.6	77.3	78.8	79.0	78.4	78.1	78.8	78.1	78.8	79.6	79.3	78.8	78.5	77.9	77.6	77.8	77.8	77.9	77.6	77.4	78.1	135.9
„ 2, ...	77.4	77.4	77.5	78.1	76.4	77.1	76.8	76.4	76.2	77.8	78.1	76.8	77.8	77.8	77.6	77.4	77.3	76.8	77.2	77.2	77.1	77.1	77.0	75.3	77.1	127.6
„ 3, ...	75.3	74.8	75.1	74.6	75.0	75.3	75.8	77.6	76.5	76.7	76.4	76.8	74.6	75.8	76.1	76.2	76.1	76.1	76.1	75.5	76.1	76.0	74.8	75.8	75.8	120.6
„ 4, ...	76.0	75.8	76.0	75.8	75.8	76.0	76.2	76.3	74.8	75.1	75.6	75.6	75.4	75.0	75.3	75.1	74.6	74.3	74.2	74.5	74.8	75.6	76.2	75.6	75.4	...
„ 5, ...	75.5	75.1	76.3	76.5	76.2	76.4	76.8	77.1	77.0	78.4	78.7	78.8	78.5	78.2	77.8	77.6	77.5	77.1	76.7	76.8	76.9	76.9	77.9	76.9	77.2	139.5
„ 6, ...	76.7	76.5	76.3	76.3	76.5	76.8	77.3	78.6	77.5	77.1	77.7	78.4	78.5	76.8	77.8	76.9	77.4	77.2	76.9	77.0	76.8	76.5	77.0	76.4	77.1	137.2
„ 7, ...	76.7	76.5	76.4	76.4	76.5	75.8	76.5	77.8	77.8	78.0	76.9	78.7	78.5	78.7	78.1	77.8	77.6	77.8	77.0	76.6	77.0	77.0	76.5	76.3	77.2	134.9
„ 8, ...	76.3	75.3	76.5	75.6	76.0	75.5	76.3	77.3	76.9	76.8	79.3	79.6	77.2	77.8	77.8	77.4	76.8	76.8	76.4	76.0	76.0	76.0	76.2	76.2	76.7	136.9
„ 9, ...	76.2	76.0	75.8	75.7	75.8	76.0	76.5	76.8	77.0	77.8	78.3	79.4	77.5	76.8	77.2	78.1	77.0	76.8	76.0	76.4	75.9	76.2	76.5	76.1	76.7	134.4
„ 10, ...	76.4	76.5	76.1	76.0	75.8	75.4	75.5	76.8	75.8	76.8	76.8	78.0	78.6	78.8	78.8	77.8	77.1	76.6	76.8	77.1	77.0	76.8	76.7	77.1	76.9	134.0
„ 11, ...	76.9	76.6	76.7	76.5	76.7	76.1	76.9	77.0	76.9	77.0	77.4	77.2	78.7	78.1	78.3	77.1	77.8	77.6	78.0	77.8	77.8	77.5	77.8	77.5	77.3	138.3
„ 12, ...	76.7	76.7	76.5	76.5	76.1	76.2	75.9	77.7	77.4	77.6	78.9	77.6	77.8	78.7	78.8	78.0	77.6	78.0	77.8	77.3	77.5	78.6	77.7	77.8	77.5	143.8
„ 13, ...	78.5	78.5	78.3	77.5	76.8	76.8	77.8	78.5	77.5	77.5	76.9	78.3	79.3	78.8	79.3	77.6	78.2	78.0	77.2	78.0	78.2	77.7	77.6	78.0	78.0	143.8
„ 14, ...	78.7	77.5	77.4	77.0	77.1	77.6	77.2	78.8	77.8	77.6	78.1	78.8	78.8	78.5	79.4	78.0	78.0	77.2	77.5	77.6	77.8	77.5	77.2	76.5	77.8	131.8
„ 15, ...	77.7	76.5	76.4	76.8	76.4	76.5	77.6	77.3	78.2	76.5	77.9	77.8	78.9	79.5	79.3	77.2	75.8	77.0	77.5	77.4	78.3	78.1	77.8	79.5	77.6	141.4
„ 16, ...	78.3	77.3	77.5	79.1	79.4	79.3	79.4	79.6	80.0	79.4	80.1	80.6	80.8	81.2	80.8	79.8	81.1	81.3	80.4	80.4	80.8	80.4	79.4	79.4	79.8	132.9
„ 17, ...	79.1	79.6	79.5	78.9	78.6	78.3	78.0	79.1	78.8	79.5	79.0	80.1	80.0	80.3	80.5	80.7	80.2	79.6	79.0	79.5	79.5	79.6	79.5	79.4	79.4	135.2
„ 18, ...	79.5	79.3	79.6	78.5	78.4	78.1	77.9	78.5	77.8	78.5	79.6	79.8	78.9	78.5	79.0	78.0	78.9	77.7	78.6	77.9	79.5	78.7	78.8	79.0	78.7	139.1
„ 19, ...	79.2	78.4	78.3	77.4	77.2	75.8	77.0	77.8	78.3	78.5	77.4	78.1	78.5	78.3	78.4	78.1	78.0	77.7	77.1	77.5	77.4	78.0	77.8	77.9	77.8	112.8
„ 20, ...	77.1	77.4	76.5	75.6	76.6	76.3	76.8	77.8	77.5	76.5	77.0	77.8	77.2	78.4	77.5	77.8	77.1	77.4	75.9	77.0	76.8	77.6	77.1	77.3	77.1	130.6
„ 21, ...	77.5	76.6	76.4	76.9	77.2	77.0	77.6	77.8	78.8	78.0	78.2	78.8	77.0	77.7	76.8	77.3	76.6	76.7	76.1	76.8	77.0	77.1	76.7	76.1	77.2	137.4
„ 22, ...	75.6	75.6	75.9	76.1	76.2	76.5	76.4	77.8	77.0	76.8	77.2	77.6	77.0	76.6	76.8	77.2	77.2	77.5	76.8	77.1	77.2	77.1	76.8	77.2	76.8	137.6
„ 23, ...	76.8	77.4	76.9	76.5	76.6	75.8	76.2	77.0	76.0	75.8	76.4	76.4	76.8	76.6	76.2	76.2	75.7	76.7	77.5	76.0	77.0	76.2	76.5	76.6	76.5	131.8
„ 24, ...	76.5	76.3	75.5	75.5	74.9	74.3	76.4	74.2	76.6	77.0	76.7	77.6	77.8	78.4	78.4	78.3	77.9	76.8	75.9	75.9	76.1	77.0	77.3	77.3	76.6	134.7
„ 25, ...	77.3	76.8	76.6	76.3	76.2	76.3	77.4	77.3	76.5	73.3	74.9	74.8	77.7	79.0	79.4	79.6	80.3	79.9	79.9	81.4	76.3	75.8	76.5	76.9	77.3	130.3
„ 26, ...	76.3	76.3	76.3	77.3	77.2	77.3	77.8	79.0	79.9	80.1	80.2	80.8	81.1	82.5	82.5	81.8	81.3	80.0	79.8	79.9	79.8	79.8	79.6	79.4	79.4	136.9
„ 27, ...	76.6	75.0	74.4	74.4	74.2	74.0	74.5	75.0	75.8	77.5	77.5	77.8	76.5	76.8	76.0	76.6	76.8	76.4	76.4	76.6	76.6	75.9	78.3	78.8	76.2	85.9
„ 28, ...	78.5	78.3	77.2	78.0	78.2	78.0	77.8	78.3	78.6	78.5	78.8	78.7	79.4	79.6	79.8	79.4	78.9	78.8	78.1	78.1	78.0	78.4	78.3	78.0	78.5	137.9
„ 29, ...	77.8	77.8	77.5	77.0	76.6	76.8	77.4	79.0	78.5	79.3	78.0	78.0	78.7	78.6	78.9	77.3	77.8	76.8	77.0	77.6	77.0	76.9	77.1	77.0	77.7	134.6
„ 30, ...	76.7	77.3	77.3	77.3	77.6	77.8	78.0	79.1	79.3	79.0	78.1	78.8	79.6	79.6	79.8	79.9	79.8	77.9	77.5	77.7	77.3	78.0	77.6	77.9	78.3	136.0
„ 31, ...	77.7	77.1	77.4	77.3	77.1	77.5	78.8	78.8	79.1	78.6	79.0	79.8	80.1	80.3	77.6	78.8	78.8	79.0	78.2	78.0	77.6	77.1	77.8	78.3	78.3	131.5
Means, ...	77.2	76.9	76.8	76.7	76.6	76.6	77.1	77.7	77.6	77.6	77.9	78.2	78.3	78.4	78.4	78.0	77.9	77.6	77.3	77.4	77.4	77.4	77.4	77.4	77.5	132.8

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR, FOR THE MONTH OF JULY, 1911.

Hours.	Hourly Means. Humidity.	Hourly Means. Tension.	Date.	Daily Means. Humidity.	Daily Means. Tension.
			1911.		
1 a.	86	0.891	July 1,.....	85	0.915
2 „	85	.879	„ 2,.....	82	.875
3 „	86	.879	„ 3,.....	79	.828
4 „	86	.877	„ 4,.....	89	.849
5 „	86	.874	„ 5,.....	84	.885
6 „	87	.877	„ 6,.....	85	.884
7 „	85	.884	„ 7,.....	85	.887
8 „	83	.895	„ 8,.....	81	.860
9 „	78	.878	„ 9,.....	77	.846
10 „	75	.867	„ 10,.....	75	.845
11 „	73	.870	„ 11,.....	77	.863
Noon.	74	.877	„ 12,.....	79	.877
1 p.	74	.882	„ 13,.....	81	.898
2 „	73	.881	„ 14,.....	83	.898
3 „	74	.884	„ 15,.....	77	.874
4 „	75	.878	„ 16,.....	78	.943
5 „	77	.884	„ 17,.....	77	.928
6 „	80	.884	„ 18,.....	76	.904
7 „	83	.883	„ 19,.....	87	.916
8 „	84	.892	„ 20,.....	89	.898
9 „	85	.894	„ 21,.....	87	.895
10 „	85	.894	„ 22,.....	80	.861
11 „	85	.896	„ 23,.....	78	.842
Midt.	86	.897	„ 24,.....	75	.836
			„ 25,.....	73	.850
			„ 26,.....	81	.946
			„ 27,.....	84	.857
			„ 28,.....	85	.929
			„ 29,.....	81	.888
			„ 30,.....	80	.906
			„ 31,.....	77	.897
Mean, ...	81	0.883	Means,.....	81	0.883

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.
1911.														
July 1,.....	0.2	0.8	1.0	1.0	1.0	1.0	0.9	0.9	1.0	0.8	0.8	0.5	...	9.9
„ 2,.....	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.2	0.1	10.4
„ 3,.....	...	...	...	0.5	0.2	...	...	...	...	...	...	...	...	0.7
„ 4,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 5,.....	...	0.2	0.5	0.9	1.0	1.0	1.0	1.0	1.0	0.7	0.3	0.4	...	8.0
„ 6, ...	...	0.3	0.5	0.8	1.0	1.0	1.0	1.0	...	...	...	0.1	...	5.7
„ 7,.....	...	0.2	0.5	1.0	1.0	0.7	0.8	0.8	0.7	1.0	0.7	0.8	0.3	8.5
„ 8,.....	0.3	1.0	0.3	0.4	0.7	1.0	1.0	1.0	1.0	1.0	0.3	0.5	...	8.5
„ 9,.....	...	0.4	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	10.9
„ 10,.....	0.2	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	11.8
„ 11,.....	...	...	0.1	0.7	1.0	0.9	1.0	1.0	1.0	1.0	0.4	0.7	0.6	8.4
„ 12,.....	...	0.9	0.3	0.8	1.0	1.0	0.6	0.7	1.0	1.0	0.6	0.8	0.4	9.1
„ 13,.....	0.1	1.0	1.0	1.0	1.0	0.7	1.0	0.8	0.9	1.0	0.7	...	0.3	9.5
„ 14,.....	...	0.5	0.2	0.7	1.0	0.8	0.8	0.9	1.0	1.0	0.9	0.7	0.2	8.7
„ 15,.....	...	0.8	1.0	1.0	0.8	1.0	1.0	1.0	0.7	0.4	...	0.4	...	8.1
„ 16,.....	...	0.2	1.0	1.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	9.3
„ 17,.....	...	0.8	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.4	10.9
„ 18,.....	...	0.5	1.0	1.0	1.0	1.0	0.9	1.0	0.8	0.6	0.3	0.3	0.1	8.5
„ 19,.....	...	...	...	...	...	...	...	...	0.2	0.5	0.4	...	...	1.1
„ 20,.....	...	0.1	0.1	...	...	...	...	0.2	0.9	1.0	0.7	1.0	...	4.0
„ 21,.....	...	0.1	0.9	0.9	0.9	0.9	0.3	0.1	...	0.1	...	0.1	...	4.3
„ 22,.....	0.1	0.2	0.5	0.6	0.2	0.6	1.0	1.0	1.0	1.0	1.0	0.3	...	7.5
„ 23,.....	0.4	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	12.0
„ 24,.....	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.5	11.7
„ 25,.....	...	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
„ 26,.....	0.1	0.3	1.0	0.8	1.0	1.0	1.0	1.0	1.0	0.8	...	...	...	8.0
„ 27,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 28,.....	...	...	0.3	0.8	1.0	0.8	1.0	1.0	1.0	1.0	0.6	0.7	0.2	8.4
„ 29,.....	...	1.0	1.0	1.0	1.0	0.7	0.9	1.0	1.0	1.0	1.0	1.0	0.7	11.3
„ 30,.....	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	11.9
„ 31,.....	0.2	0.5	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	11.2
Sums,.....	2.5	15.5	19.7	23.9	24.3	24.1	24.2	24.4	24.2	23.8	18.4	16.8	8.1	249.9

TABLE VI.

RAINFALL FOR THE MONTH OF JULY, 1911.

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,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 2,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 3,	...	...	...	...	...	...	...	...	...	...	...	0.100	0.485	0.150	0.005	...	...	0.085	0.240	0.140	0.140	0.005	0.005	0.005	1.360	6
„ 4,	0.045	0.010	0.360	0.020	0.030	0.280	0.050	0.270	0.090	0.045	0.050	0.115	0.045	0.010	0.035	0.020	...	...	...	0.105	...	0.010	...	...	1.590	10
„ 5,	...	...	...	0.015	...	...	...	...	...	...	...	...	...	...	0.010	0.005	0.015	...	0.155	...	...	...	...	...	0.200	2
„ 6,	...	...	...	0.135	...	...	...	...	...	...	...	...	...	...	...	...	...	0.065	...	...	...	...	...	...	0.200	1
„ 7,	0.010	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.010	...
„ 8,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 9,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 10,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 11,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 12,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.035	...	...	0.005	...	...	0.040	...
„ 13,	...	...	...	...	0.050	...	...	...	...	...	...	...	...	...	...	...	...	...	0.010	...	...	...	...	0.075	0.135	1
„ 14,	0.035	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.035	1
„ 15,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 16,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 17,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 18,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 19,	...	...	...	...	...	0.830	...	...	...	...	...	...	...	...	...	...	0.060	0.010	0.430	...	...	...	...	0.015	1.345	2
„ 20,	0.050	...	0.010	0.005	...	0.025	0.015	0.050	0.050	...	0.045	0.010	...	...	...	0.085	...	0.045	0.080	...	...	...	...	...	0.470	5
„ 21,	0.020	...	...	...	0.005	...	0.115	0.005	...	0.020	0.230	0.040	0.180	0.005	...	0.005	0.015	0.215	...	0.010	0.090	...	...	...	0.955	4
„ 22,	0.010	...	...	0.015	0.055	...	0.075	0.010	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.165	1
„ 23,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 24,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 25,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 26,	...	...	...	0.055	...	...	...	...	...	...	...	...	...	...	...	...	0.010	0.005	...	...	...	...	...	...	0.070	1
„ 27,	...	...	...	0.040	0.060	0.035	0.065	0.235	0.220	0.090	0.120	0.095	0.090	0.060	0.105	0.005	...	...	...	...	...	...	0.155	0.065	1.440	12
„ 28,	...	...	...	...	...	...	0.005	0.040	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.045	...
„ 29,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 30,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 31,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	0.170	0.010	0.370	0.285	0.200	1.170	0.325	0.610	0.360	0.155	0.445	0.360	0.800	0.225	0.155	0.120	0.100	0.425	0.950	0.255	0.230	0.020	0.160	0.160	8.060	46

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND, FOR THE MONTH OF JULY, 1911.

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,	9	4	8	5	8	4	8	3	8	2	8	4	8	3	8	7	8	9	9	11	8	14	9	14	9	14	9	18	10	16	9	17	8	12	9	13	9	10	11	7	11	7	11	4	8	9	8	7	214	8.9	9
„ 2,	9	7	9	5	9	5	9	5	9	5	10	4	10	8	10	14	10	16	9	20	10	21	10	19	10	22	11	21	10	18	10	14	9	19	10	15	7	13	8	13	6	5	7	10	7	18	6	19	316	13.2	9
„ 3,	6	24	6	24	6	19	6	24	6	28	5	27	4	26	4	19	5	21	5	32	6	26	7	34	8	35	6	43	6	44	6	42	6	42	7	40	7	38	7	34	6	38	6	40	7	51	6	44	795	33.1	6
„ 4,	6	48	6	47	8	52	9	53	8	55	9	52	10	57	10	52	11	51	10	50	12	41	12	47	12	43	13	37	12	33	12	34	11	32	13	30	12	24	12	26	11	25	12	25	13	20	13	18	952	39.7	10
„ 5,	13	23	13	33	13	30	13	24	14	29	15	23	15	22	14	23	15	24	14	27	15	27	15	28	15	26	15	28	15	29	15	28	15	24	14	23	15	22	14	20	14	17	14	17	14	17	14	18	577	24.0	14
„ 6,	14	17	14	14	15	18	15	19	16	12	15	9	15	8	15	10	14	10	15	12	15	11	15	14	13	10	15	11	16	10	14	12	15	11	15	8	16	5	15	3	14	6	15	8	15	4	15	7	249	10.4	15
„ 7,	13	4	13	7	15	5	16	7	17	7	17	6	15	8	15	6	16	9	15	10	16	9	15	9	16	9	16	10	16	12	16	9	16	11	17	8	16	10	16	8	16	6	17	6	16	8	16	9	193	8.0	16
„ 8,	16	9	16	8	16	5	18	7	15	4	18	4	17	6	16	3	16	7	16	6	15	8	18	9	17	10	19	10	15	11	15	11	16	10	16	8	16	8	16	4	18	3	18	3	18	4	18	7	165	6.9	17
„ 9,	17	5	17	5	18	8	20	12	19	7	19	10	19	11	19	10	20	10	20	9	21	10	19	13	19	12	19	14	19	14	17	12	19	10	19	9	19	4	18	4	18	4	18	5	18	6	18	9	213	8.9	19
„ 10,	18	8	20	8	20	10	20	13	18	9	20	10	20	10	20	8	19	10	19	15	20	13	23	10	19	14	20	14	19	17	20	12	19	9	18	13	17	12	18	11	18	8	17	10	18	11	19	11	266	11.1	19
„ 11,	19	10	19	14	20	14	20	13	19	15	20	18	19	11	19	14	19	14	19	17	19	17	19	13	21	13	19	12	19	13	19	12	19	11	18	11	17	6	18	3	16	5	16	8	17	7	17	13	284	11.8	19
„ 12,	16	10	19	9	17	8	19	12	19	8	19	7	19	7	17	7	19	6	17	6	17	8	17	8	17	11	15	11	16	12	15	9	14	8	16	8	15	7	9	2	8	6	10	4	15	9	15	9	192	8.0	16
„ 13,	16	9	15	10	15	8	15	5	15	5	8	4	11	6	10	9	13	10	16	14	15	13	15	16	15	11	13	16	13	15	14	12	11	12	11	14	11	12	11	13	12	12	13	12	14	10	13	11	259	10.8	13
„ 14,	14	7	14	7	15	6	10	5	10	6	12	6	12	10	12	10	12	8	16	7	9	14	11	16	12	13	16	7	15	10	8	14	8	8	15	7	15	5	9	5	...	1	9	2	9	2	...	1	177	7.4	12
„ 15,	...	1	...	0	9	3	...	0	...	0	...	0	...	0	24	6	24	8	25	8	24	9	25	10	24	15	24	12	24	11	24	11	24	9	23	7	23	8	23	10	23	9	24	7	25	8	26	8	160	6.7	24
„ 16,	28	7	28	7	26	11	27	9	27	11	26	11	25	10	27	8	23	10	24	13	23	12	23	12	23	14	23	14	21	15	21	12	20	12	21	21	20	16	21	13	22	15	23	11	23	11	22	12	287	12.0	23
„ 17,	21	10	22	15	22	16	22	12	24	12	23	13	22	9	25	10	25	9	24	13	22	14	20	16	19	19	19	18	19	25	20	22	21	23	21	16	19	20	19	28	19	30	19	23	21	18	21	17	408	17.0	21
„ 18,	21	19	21	18	19	16	20	16	20	13	19	20	20	22	22	15	20	18	19	17	19	18	19	21	19	18	19	17	19	15	20	16	20	19	18	14	18	11	17	8	16	7	18	12	19	9	20	12	371	15.5	19
„ 19,	19	9	19	9	19	6	18	9	20	10	20	10	30	3	...	1	25	4	...	1	8	13	8	18	8	13	8	16	8	17	9	14	7	13	7	17	6	17	7	10	6	12	7	12	8	13	12	13	260	10.8	9
„ 20,	10	16	14	12	12	6	11	6	8	5	10	5	16	10	9	4	11	14	14	13	15	12	16	8	13	8	10	17	13	24	9	22	10	20	10	25	10	22	10	23	10	21	10	23	11	23	11	22	361	15.0	11
„ 21,	10	25	11	22	10	24	10	22	10	20	8	22	8	21	9	24	9	23	9	24	11	21	10	20	10	28	9	26	7	28	8	30	7	30	8	26	8	28	8	28	8	25	6	25	7	28	6	24	597	24.9	9
„ 22,	6	26	5	19	6	23	7	21	7	19	6	22	6	21	7	27	6	26	7	32	7	31	7	33	7	33	7	33	7	30	7	31	7	31	7	26	7	24	7	26	7	25	7	27	8	27	7	23	637	26.5	7
„ 23,	7	25	7	22	7	24	7	24	7	16	7	26	7	17	7	17	7	25	7	25	8	20	7	20	7	18	7	19	7	19	7	18	8	18	8	13	10	11	8	6	8	7	8	5	10	3	6	5	397	16.5	7
„ 24,	6	4	6	7	6	8	7	7	4	4	10	2	17	2	14	3	12	7	11	7	10	10	10	8	32	6	24	9	25	8	26	4	15	4	15	8	15	7	12	5	10	2	10	2	...	0	...	1	125	5.2	10
„ 25,	...	0	...	1	...	0	...	0	...	0	...	0	...	0	10	2	10	4	10	6	10	6	9	7	9	3	27	7	26	8	24	8	23	8	24	6	27	3	24	7	27	5	19	5	26	3	10	10	99	4.1	22
„ 26,	10	4	30	5	29	6	1	5	25	5	30	5	25	4	25	2	25	2	30	6	25	4	8	8	30	6	28	9	24	6	25	6	28	4	14	4	16	7	16	4	27	5	27	2	27	6	27	4	119	5.0	27
„ 27,	32	12	32	18	32	18	32	25	32	25	32	34	32	45	32	50	4	54	5	58	10	61	13	55	15	47	14	43	15	37	13	27	12	28	14	22	12	20	12	21	12	21	12	20	11	22	13	28	790	32.9	9
„ 28,	13	32	14	27	15	21	15	22	13	15	13	21	13	18	13	20	13	18	13	22	13	19	12	20	12	15	12	14	9	17	8	18	8	14	8	15	9	15	8	12	9	12	9	15	10	11	10	8	422	17.6	12
„ 29,	10	10	9	10	10	7	11	4	12	4	12	2	...	1	6	3	10	3	...	1	24	3	26	5	23	9	24	8	20	8	17	10	18	6	17	8	16	6	16	2	16	2	16	2	...	0	...	1	115	4.8	16
„ 30,	...	0	...	0	...	0	...	0	...	0	...	0	22	5	26	6	26	7	24	7	24	9	26	9	24	9	25	10	24	8	20	9	17	7	17	8	19	2	17	3	...	1	17	4	...	0	...	0	104	4.3	22
„ 31,	...	0	...	0	...	1	...	1	...	1	...	1	..	1	27	5	28	7	25	8	25	10	24	10	21	11	23	10	22	11	21	8	19	8	18	6	23	4	...	1	19	3	...	1	...	0	...	1	109	4.5	23
Sums,	...	385	...	388	...	382	...	385	...	352	...	372	...	385	...	395	...	444	...	498	...	503	...	530	...	515	...	534	...	541	...	499	...	473	...	449	...	397	...	360	...	346	...	350	...	358	...	372	10213	425.5	...
Means,	...	12.4	...	12.5	...	12.3	...	12.4	...	11.4	...	12.0	...	12.4	...	12.7	...	14.3	...	16.1	...	16.2	...	17.1	...	16.6	...	17.2	...	17.5	...	16.1	...	15.3	...	14.5	...	12.8	...	11.6	...	11.2	...	11.3	...	11.5	...	12.0	329.5	13.7	...

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
1911.												
July 1, ...	2	cum.	...	3	cum.	...	6	c-str. / cum.	E / SSE	8	c-str. / cum.	ENE / SSE
" 2, ...	2	cum.	...	3	cum.	...	3	c-str. / cum.	...	3	cum.	NNE
" 3, ...	3	c-str.	...	7	c-str. / sm-cum.	...	10	nim.	ENE	10	c-str. / cum.	E / E
" 4, ...	10	nim.	E	10	cum-nim.	E	10	nim.	E	10	nim.	ESE
" 5, ...	10	cum-nim.	SSE	10	nim.	SE	10	c-cum. / cum.	SE	8	cum.	S
" 6, ...	9	cum.	S	10	nim.	S	10	cum-nim.	S	7	c-str. / cum.	ENE / S
" 7, ...	10	cum-nim.	SSE	7	cum.	S	7	c-cum. / cum.	S	6	cum.	S
" 8, ...	8	cum.	SSW	10	cum.	SSW	7	cum.	SSW	9	cum.	SSW
" 9, ...	10	cum.	SW	4	cum.	SW	9	cum.	SW	4	cum.	SW
" 10, ...	9	cum.	SW	7	cum.	SW	6	c-cum / cum.	SW	5	cum.	SW
" 11, ...	10	c-str. / cum.	SW	9	c-str. / cum.	SW	10	c-str. / cum.	SW	8	c-str. / cum.	E / SW
" 12, ...	7	cum.	SSW	10	cum.	SSW	7	c-str. / cum.	SW	8	c-cum. / cum.	NNE / SW
" 13, ...	9	cum.	S	7	cum.	S	7	c-str. / cum.	S	6	cum.	S
" 14, ...	10	cum.	SE	10	c-str. / cum.	SE	9	c-str. / cum.	NNE / SE	6	c-str. / cum.	SE
" 15, ...	9	c-str.	...	10	sm-cum.	E	5	c-str. / cum.	...	6	c-str. / sm-cum. / cum.	NNE / E / WSW
" 16, ...	10	sm-cum.	E	6	c-str. / cum.	...	8	c-str. / cum.	N	7	cum.	NNW
" 17, ...	7	c-str. / sm-cum.	NNE	6	c-str. / cum.	W	6	c-str. / cum.	W	8	c-str. / c-cum. / cum.	NE / W
" 18, ...	9	cum.	WSW	3	cum.	WSW	8	c-str. / cum.	SW	8	c-str. / cum.	SW
" 19, ...	10	cum.	WSW	8	cum.	WSW	10	cum-nim.	WSW	10	sm-cum. / cum.	SSW
" 20, ...	10	nim.	ESE	10	cum-nim.	ESE	10	c-str. / cum.	SSE	10	cum.	SSE
" 21, ...	7	cum.	SE	9	cum.	SE	10	nim.	SE	10	cum.	ESE
" 22, ...	7	cum.	E	8	cum.	E	10	nim.	E	10	sm-cum. / cum.	SE / E
" 23, ...	8	cum.	E	10	cum.	E	6	cum.	E	5	cum.	ESE
" 24, ...	1	cum.	...	0	...	...	2	cum.	E	3	c-str. / cum.	...
" 25, ...	2	cum.	...	2	cum.	...	1	cum.	...	1	cum.	...
" 26, ...	7	cum.	...	10	nim.	...	10	cum.	NNE	4	c-str.	...
" 27, ...	10	cum.	...	10	nim.	...	10	nim.	NNE	10	nim.	E
" 28, ...	10	cum-nim.	SSE	10	cum.	SSE	10	cum.	SSE	8	cum.	SSE
" 29, ...	3	cum.	...	2	cum.	...	6	c-str. / cum.	...	5	cum.	SE
" 30, ...	0	...	...	4	cum.	...	6	cum.	SW	4	cum.	SW
" 31, ...	0	...	...	0	...	...	4	cum.	SW	3	c-str. / cum.	SW
Means,...	7.1	...	...	6.9	...	...	7.5	...	...	6.8	...	...

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	
1911.													
July 1,...	8	c-str. / cum.	ENE / SE	9	c-str. / cum.	NE / SE	7	c-str. / cum.	ESE	3	c-str.	...	5.7
„ 2,...	3	cum.	...	3	c-str. / cum.	N	9	c-str. / cum.	NNE	8	c-str.	...	4.3
„ 3,...	10	nim.	E	10	cum-nim.	E	10	nim.	E	10	cum-nim.	E	8.7
„ 4,...	10	nim.	ESE	10	nim.	SE	10	cum-nim.	SSE	10	cum-nim.	SSE	10.0
„ 5,...	9	cum.	SSE	10	cum-nim.	S	10	nim.	S	9	cum.	S	9.5
„ 6,...	9	cum.	S	10	cum.	SSE	10	cum.	SSE	6	cum.	SSE	8.9
„ 7,...	8	cum.	SSW	7	cum.	SSW	6	cum.	SSW	8	cum.	SSW	7.4
„ 8,...	7	c-str. / cum.	SW	7	c-str. / cum.	SW	8	c-str. / cum.	SW	9	c-str. / cum.	SW	8.1
„ 9,...	4	c-str. / cum.	SW	6	c-str. / cum.	SW	5	c-str. / cum.	SW	5	cum.	SW	5.9
„ 10,...	3	cum.	WSW	5	cum.	SW	6	cum.	SW	8	c-str. / cum.	SW	6.1
„ 11,...	8	c-str. / cum.	E / WSW	8	c-str. / cum.	E / WSW	8	cum.	SW	7	cum.	SSW	8.5
„ 12,...	8	sm-cum. / cum.	SW	9	sm-cum. / cum.	SW	10	nim.	SSW	9	cum.	S	8.5
„ 13,...	9	cum.	SE	9	cum.	SE	10	nim.	SE	6	cum.	SE	7.9
„ 14,...	8	c-str. / cum.	SE	7	c-str. / cum.	S	9	c-str. / cum.	...	3	c-str. / sm-cum.	...	7.8
„ 15,...	8	sm-cum. / cum.	E / ..	8	sm-cum.	E	6	c-str. / sm-cum.	E	8	sm-cum.	...	7.5
„ 16,...	5	c-str. / cum.	...	8	c-str. / cum.	...	7	c-str. / sm-cum. / cum.	W	6	c-str.	...	7.1
„ 17,...	9	c-str. / cum.	W	8	c-str. / cum.	WSW	8	c-str. / cum.	WSW	6	cum.	WSW	7.2
„ 18,...	6	c-str. / cum.	SW	9	cum.	SW	10	cum.	SW	10	cum.	WSW	7.9
„ 19,...	10	cum.	SE	10	cum.	E	10	nim.	ESE	8	cum.	ESE	9.5
„ 20,...	8	cum.	SSE	8	c str. / cum.	SE	10	nim.	SE	8	cum.	SE	9.3
„ 21,...	10	nim.	ESE	10	nim.	ESE	10	cum.	E	10	cum.	E	9.5
„ 22,...	8	c-str. / cum.	E	6	c-str. / cum.	E	10	cum.	E	7	cum.	E	8.2
„ 23,...	4	cum.	E	2	cum.	E	2	cum.	E	2	cum.	E	4.9
„ 24,...	4	cum.	N	6	c-str. / cum.	SE / N	4	c-str. / cum.	...	2	c-str.	...	2.8
„ 25,...	3	cum.	N	1	cum.	...	6	cum.	NNE	10	cum.	...	3.2
„ 26,...	6	c-str. / c-cum. / cum.	NNE	10	cum.	NNE	10	cum.	NE	6	cum.	...	7.9
„ 27,...	10	nim.	SSE	10	cum.	S	10	cum.	SSE	6	cum.	SSE	9.5
„ 28,...	8	cum.	SSE	8	cum.	SSE	3	cum.	SE	2	cum.	...	7.4
„ 29,...	4	cum.	SE	3	c-str. / cum.	E / SW	1	c-str.	...	0	...	...	3.0
„ 30,...	4	cum.	SW	3	cum.	SW	3	c-str. / cum.	SW	1	c-str.	...	3.1
„ 31,...	3	cum.	SW	2	c-str. / cum.	SW	2	c-str.	...	1	c-str.	...	1.9
Means,...	6.9	...	...	7.2	...	...	7.4	...	...	6.3	...	...	7.0

TABLE IX.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR THE MONTH OF JULY, 1911.

Hours.	Components (miles per hour).						Direction.
	N	E	S	W	+N −S	+E −W	
1 a.	2.0	7.2	5.4	1.4	− 3.4	+ 5.8	E 30° S
2 „	2.4	6.3	5.6	2.0	3.3	4.3	E 37° S
3 „	1.6	6.3	5.2	2.0	3.6	4.3	E 40° S
4 „	1.7	6.1	5.3	2.2	3.6	3.9	E 42° S
5 „	1.7	5.8	4.2	2.0	2.5	3.8	E 33° S
6 „	2.3	5.7	4.5	2.5	2.3	3.3	E 35° S
7 „	2.6	5.5	5.1	2.2	2.5	3.3	E 37° S
8 „	2.7	6.3	4.5	2.3	1.9	4.1	E 25° S
9 „	2.5	8.0	5.8	2.6	3.3	5.4	E 32° S
10 „	2.3	8.9	6.2	2.7	3.9	6.2	E 32° S
11 „	0.6	8.9	7.6	3.2	7.0	5.7	E 51° S
Noon.	0.8	9.0	8.6	3.1	7.9	5.9	E 53° S
1 p.	0.7	7.6	8.8	3.5	8.1	4.1	E 63° S
2 „	1.2	8.0	8.5	4.0	7.2	4.0	E 61° S
3 „	1.2	7.8	9.0	3.7	7.8	4.2	E 62° S
4 „	0.9	8.8	7.1	3.2	6.1	5.6	E 47° S
5 „	1.1	8.6	6.6	2.7	5.5	5.9	E 43° S
6 „	0.5	7.7	7.4	2.3	6.9	5.5	E 52° S
7 „	0.8	7.1	6.3	1.5	5.5	5.6	E 45° S
8 „	0.5	7.1	5.1	1.7	4.6	5.3	E 41° S
9 „	1.1	6.7	4.6	1.8	3.5	4.9	E 36° S
10 „	1.1	6.7	5.1	1.5	3.9	5.2	E 37° S
11 „	0.8	7.1	4.5	1.8	3.7	5.3	E 35° S
Midt.	1.4	6.5	5.6	1.9	− 4.2	+ 4.6	E 43° S
Means,.....	1.4	7.2	6.1	2.4	− 4.67	+ 4.84	E 44° S

PHENOMENA :—

Solar halo :—on the 1st, 8th, 11th and 16th.

Lunar Corona :—on the 14th and 17th.

Haze :—on the 25th, 26th and 29th.

Dew :—on the 1st, 2nd, 15th, 24th, 25th, 28th, 29th, 30th and 31st.

Rainbow :—on the 5th, 6th, 12th, 20th, 21st, 22nd and 26th.

Lightning without thunder :—on the 1st, 2nd, 3rd, 16th, 17th and 27th.

Thunderstorms :—on the 18th. 9.32 p—11.20 p, in NNW, distant: 19th. 6.20 a, in SSW, distant ; 21st 12.40 p—1.33 p, in SE-NW distant ; 6.19 p—7.38 p, in NNW, nearest at 6.19 p (6°) ; 10.2 p, in WSW, distant ; 25th 6.55 p—8.45 p, in NNE, distant ; 26th 12.5 a—5 a, NW-SE, nearest at 4.25 a (10°) ; 4 p—5.40 p, in NW, distant.

TABLE I.

BAROMETRIC PRESSURE, FOR THE MONTH OF AUGUST, 1911.

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.
August 1,...	29.607	29.597	29.587	29.587	29.594	29.601	29.605	29.611	29.613	29.613	29.602	29.595	29.583	29.564	29.543	29.515	29.513	29.521	29.523	29.547	29.561	29.569	29.577	29.570	29.575
" 2,...	.557	.557	.557	.547	.556	.563	.573	.567	.569	.563	.553	.533	.513	.495	.481	.470	.457	.483	.505	.513	.526	.533	.503	.491	.528
" 3,...	.472	.453	.441	.425	.415	.415	.431	.449	.439	.439	.443	.417	.405	.383	.371	.343	.349	.353	.357	.355	.369	.392	.381	.371	.403
" 4,...	.341	.325	.321	.322	.323	.326	.338	.350	.354	.358	.332	.328	.304	.279	.264	.253	.230	.244	.230	.245	.262	.262	.287	.279	.298
" 5,...	.265	.246	.235	.222	.221	.215	.215	.237	.209	.235	.249	.257	.247	.233	.231	.218	.217	.238	.269	.307	.336	.360	.375	.331	.257
" 6,...	.347	.347	.378	.365	.375	.393	.417	.443	.441	.463	.461	.467	.460	.457	.447	.446	.450	.461	.470	.501	.512	.522	.524	.536	.445
" 7,...	.530	.520	.512	.510	.520	.542	.571	.578	.590	.602	.602	.592	.582	.574	.566	.552	.562	.558	.557	.576	.600	.610	.616	.612	.568
" 8,...	.602	.579	.567	.562	.560	.574	.579	.582	.594	.592	.594	.583	.561	.547	.530	.518	.501	.503	.519	.529	.547	.567	.573	.569	.560
" 9,...	.553	.543	.535	.525	.519	.517	.527	.541	.539	.531	.525	.501	.483	.464	.443	.439	.435	.444	.457	.481	.485	.493	.494	.490	.498
" 10,...	.483	.451	.433	.441	.439	.435	.441	.451	.465	.466	.459	.449	.451	.432	.409	.399	.397	.401	.419	.439	.459	.470	.471	.459	.442
" 11,...	.443	.427	.419	.409	.408	.419	.431	.445	.449	.450	.449	.442	.431	.413	.402	.400	.415	.419	.443	.461	.485	.489	.485	.475	.438
" 12,...	.461	.467	.455	.465	.457	.467	.479	.487	.493	.495	.495	.491	.467	.441	.447	.451	.451	.467	.479	.481	.497	.529	.529	.520	.478
" 13,...	.505	.486	.473	.471	.473	.490	.501	.501	.499	.499	.493	.463	.479	.453	.419	.397	.415	.405	.437	.450	.449	.464	.465	.453	.464
" 14,...	.430	.413	.405	.397	.397	.419	.423	.437	.455	.441	.437	.426	.426	.406	.406	.388	.390	.402	.418	.468	.458	.462	.456	.456	.426
" 15,...	.464	.462	.456	.442	.444	.465	.476	.500	.516	.516	.522	.516	.500	.504	.479	.470	.470	.489	.510	.528	.545	.564	.566	.566	.499
" 16,...	.552	.536	.530	.534	.546	.546	.564	.578	.600	.598	.592	.586	.582	.566	.556	.552	.555	.564	.570	.588	.597	.608	.608	.594	.571
" 17,...	.582	.562	.560	.564	.564	.560	.592	.596	.608	.616	.612	.604	.596	.580	.554	.552	.554	.558	.560	.579	.594	.592	.596	.581	.580
" 18,...	.558	.554	.542	.534	.542	.550	.560	.562	.566	.564	.560	.548	.534	.512	.510	.502	.496	.497	.496	.519	.544	.550	.546	.540	.537
" 19,...	.524	.512	.502	.494	.507	.512	.534	.546	.566	.578	.578	.584	.562	.542	.530	.515	.527	.550	.564	.586	.598	.617	.614	.608	.552
" 20,...	.602	.596	.590	.600	.581	.606	.616	.638	.648	.644	.645	.632	.612	.594	.568	.561	.570	.590	.606	.638	.650	.668	.674	.666	.616
" 21,...	.652	.634	.620	.620	.631	.650	.668	.686	.694	.695	.694	.682	.662	.644	.624	.623	.622	.632	.649	.674	.686	.694	.690	.680	.659
" 22,...	.662	.658	.646	.646	.646	.652	.670	.674	.682	.700	.694	.680	.663	.641	.630	.625	.613	.611	.634	.656	.677	.691	.691	.689	.660
" 23,...	.671	.658	.647	.647	.647	.649	.651	.671	.687	.701	.701	.697	.697	.691	.675	.665	.667	.677	.695	.723	.739	.755	.755	.751	.689
" 24,...	.739	.722	.701	.687	.683	.691	.717	.743	.752	.751	.747	.744	.726	.707	.674	.658	.664	.666	.684	.706	.728	.744	.738	.720	.712
" 25,...	.708	.690	.668	.656	.651	.652	.660	.672	.679	.666	.648	.626	.602	.568	.544	.524	.514	.514	.526	.542	.556	.560	.544	.544	.605
" 26,...	.528	.502	.490	.488	.494	.502	.515	.520	.514	.504	.498	.469	.451	.434	.423	.399	.393	.399	.403	.415	.414	.441	.433	.416	.460
" 27,...	.395	.377	.373	.385	.391	.410	.429	.429	.438	.445	.439	.423	.407	.398	.383	.379	.391	.403	.431	.461	.491	.507	.503	.513	.425
" 28,...	.509	.507	.507	.514	.527	.533	.561	.575	.573	.574	.579	.580	.570	.558	.544	.535	.530	.536	.544	.562	.576	.584	.591	.589	.552
" 29,...	.588	.576	.564	.570	.570	.572	.578	.585	.590	.592	.586	.576	.568	.546	.543	.536	.532	.542	.544	.558	.572	.573	.566	.569	.566
" 30,...	.550	.546	.540	.546	.556	.566	.560	.574	.584	.588	.582	.562	.546	.542	.530	.520	.522	.520	.530	.538	.560	.569	.568	.558	.552
" 31,...	.546	.544	.542	.544	.550	.562	.574	.581	.576	.570	.560	.550	.528	.508	.494	.486	.490	.496	.510	.514	.525	.525	.522	.520	.534
Means,.....	29.530	29.518	29.510	29.507	29.509	29.518	29.531	29.542	29.548	29.550	29.546	29.536	29.523	29.506	29.491	29.480	29.480	29.488	29.501	29.521	29.535	29.547	29.546	29.539	29.521

TABLE II.

TEMPERATURE, FOR THE MONTH OF AUGUST, 1911.

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,	81.0	81.2	80.7	81.2	80.5	79.5	83.0	83.8	84.3	86.1	86.9	89.0	89.3	90.0	91.0	90.2	88.4	87.5	86.3	84.8	85.0	84.2	84.4	84.1	85.1	91.3	79.5
" 2,	83.4	82.9	82.3	81.7	82.4	81.7	81.6	82.3	84.1	85.1	86.0	87.9	87.0	89.0	87.0	84.7	84.6	83.7	82.8	82.2	81.7	82.0	82.2	81.7	83.7	89.2	80.3
" 3,	82.3	81.7	81.3	80.0	80.5	81.2	81.5	77.0	82.0	80.0	81.6	83.8	82.4	83.3	83.0	80.2	81.3	80.4	79.7	80.4	80.4	80.0	80.4	78.0	80.9	83.8	77.0
" 4,	78.5	77.1	76.8	77.7	78.5	77.0	78.8	78.0	79.3	77.6	79.2	79.3	79.8	78.8	78.1	77.7	78.4	78.0	78.7	78.8	78.5	77.4	77.7	78.0	78.2	80.7	76.2
" 5,	78.1	78.9	79.0	79.0	79.2	79.0	78.0	77.0	78.0	78.5	77.8	77.7	77.0	77.2	76.5	77.0	77.0	76.5	77.0	77.5	76.0	76.4	76.7	78.5	77.6	80.6	75.9
" 6,	78.3	77.8	77.7	78.0	77.5	78.0	77.7	76.9	78.7	78.9	80.0	80.3	80.5	80.3	80.5	80.4	77.6	78.7	80.2	80.5	80.4	80.5	80.2	80.0	79.2	80.8	74.3
" 7,	79.7	79.9	80.1	79.7	79.7	79.7	79.7	80.4	81.0	81.8	82.7	83.3	84.7	85.0	83.6	82.4	81.5	81.0	80.5	80.6	80.2	80.2	80.1	79.8	81.1	85.0	79.3
" 8,	79.6	79.8	79.8	79.6	79.5	79.6	80.5	81.2	81.5	82.0	84.6	84.7	84.5	85.8	84.5	83.5	85.0	82.7	81.8	81.4	81.3	81.4	81.1	80.8	81.9	86.9	79.2
" 9,	80.8	79.8	80.3	80.5	80.3	80.0	81.6	82.9	83.7	84.8	86.4	87.0	87.9	88.4	88.0	87.3	86.2	84.8	83.6	83.4	82.9	82.9	82.4	82.0	83.7	88.6	79.8
" 10,	82.1	81.9	81.5	81.6	81.0	81.3	81.5	82.6	83.3	84.7	86.5	86.0	86.8	85.6	85.0	85.0	84.0	83.0	82.7	82.3	81.9	81.4	80.6	80.7	83.0	86.8	80.6
" 11,	80.4	80.3	79.7	79.1	79.0	79.0	81.2	82.3	85.4	86.7	86.4	86.0	85.5	86.0	86.5	84.8	83.8	82.8	82.1	82.0	82.3	81.6	80.5	80.8	82.7	87.2	79.0
" 12,	79.8	79.5	79.5	79.6	79.9	80.2	82.2	84.0	83.7	86.0	87.4	87.2	87.0	87.8	87.0	81.0	81.9	83.0	81.7	81.7	81.8	81.0	80.6	80.6	82.7	88.3	79.4
" 13,	80.5	80.4	80.5	80.4	79.9	79.6	80.4	82.7	84.5	85.5	87.0	86.6	81.5	80.0	81.0	80.3	81.5	81.0	80.5	80.8	80.4	80.5	80.7	80.3	81.5	87.3	79.6
" 14,	79.7	79.7	79.7	79.3	79.0	79.2	80.0	80.0	81.0	83.0	84.8	85.0	80.7	81.4	81.6	82.5	82.4	81.7	81.7	77.3	76.7	76.8	76.7	76.9	80.3	85.0	75.5
" 15,	76.7	76.7	76.7	77.0	77.7	78.3	79.8	80.0	80.9	81.4	81.4	80.0	82.4	82.1	84.1	83.2	83.0	82.0	81.1	81.4	81.6	79.5	80.2	80.5	80.3	85.6	76.7
" 16,	80.4	78.3	78.8	78.7	80.0	79.4	77.0	78.0	77.3	78.0	79.0	81.6	81.8	82.3	82.7	82.6	82.2	81.8	81.7	81.8	81.0	80.6	81.7	80.0	80.3	82.7	77.0
" 17,	78.9	79.7	79.7	79.7	80.8	81.0	77.4	77.6	76.1	75.5	76.2	76.5	76.6	76.9	77.4	77.5	78.1	78.0	78.8	78.8	79.7	80.5	80.6	80.1	78.4	81.6	75.5
" 18,	80.2	80.1	79.4	77.1	77.2	77.6	76.0	78.4	79.8	80.5	79.5	76.0	78.4	80.2	80.7	80.8	80.9	80.8	80.6	80.8	80.7	80.6	80.5	79.9	79.4	80.9	76.0
" 19,	79.8	79.8	79.7	78.7	79.3	79.0	79.7	79.0	79.1	78.6	76.8	77.0	78.0	78.9	79.1	79.5	80.8	80.5	79.5	79.0	78.6	78.8	78.8	79.5	79.1	80.8	76.6
" 20,	79.6	78.3	77.2	76.8	77.5	78.0	78.5	78.6	77.8	78.4	80.0	81.3	82.0	81.2	81.7	81.6	81.6	80.7	79.5	79.7	79.5	79.4	80.9	79.4	79.5	82.7	76.2
" 21,	79.2	79.2	79.5	78.8	78.4	79.2	80.2	81.9	83.0	84.1	85.0	86.9	87.8	88.0	87.6	84.2	83.7	81.8	81.3	80.7	80.7	80.6	79.9	79.9	82.2	88.0	78.3
" 22,	79.7	79.7	79.9	79.5	79.3	79.1	80.5	82.0	82.4	82.1	82.8	83.5	84.0	84.7	84.5	83.4	82.7	81.8	81.6	81.2	81.5	81.4	81.1	80.7	81.6	85.4	78.6
" 23,	80.7	80.7	79.5	79.7	79.9	80.0	80.2	81.8	82.2	83.0	84.3	85.2	85.8	85.0	84.8	83.3	82.7	81.9	81.3	81.0	80.8	81.1	80.7	80.5	81.9	85.8	79.4
" 24,	79.7	79.8	79.6	79.4	78.8	78.7	79.4	83.5	83.2	84.0	84.9	85.2	86.9	86.3	85.5	84.5	84.8	83.6	82.4	80.9	80.0	80.0	80.1	79.7	82.1	87.1	78.5
" 25,	79.7	79.7	79.7	79.8	79.8	80.1	81.3	81.0	83.4	84.8	85.9	87.0	88.8	89.0	89.4	89.0	88.3	87.2	86.0	85.8	85.0	83.0	82.8	82.7	84.1	89.4	79.1
" 26,	82.5	82.7	81.4	81.3	80.9	80.4	82.4	84.3	87.0	87.9	89.6	92.0	93.1	90.9	91.8	91.0	89.4	88.1	86.7	86.0	86.1	84.4	83.8	83.2	86.1	93.1	80.2
" 27,	82.5	83.2	83.0	82.7	81.8	81.4	81.9	83.4	84.8	86.9	87.0	87.3	88.0	88.0	88.5	87.4	87.0	85.5	85.7	85.8	85.3	85.1	84.6	84.4	85.0	89.5	81.1
" 28,	83.7	82.6	81.7	81.9	81.6	81.9	83.6	84.9	86.0	86.5	86.7	88.8	88.5	90.0	90.0	89.7	88.1	86.1	85.3	84.7	83.9	83.3	82.4	82.6	85.2	90.3	81.6
" 29,	81.6	81.4	81.1	81.0	81.1	80.7	82.0	83.5	85.0	86.1	87.8	88.0	88.0	87.8	88.6	87.0	86.1	84.9	82.9	83.3	83.0	82.2	83.1	82.1	84.1	88.6	80.7
" 30,	81.5	80.8	80.6	80.5	80.6	80.5	82.4	83.5	84.2	86.1	87.9	89.3	87.4	83.0	83.0	86.2	86.3	85.2	84.5	85.0	82.7	82.4	81.4	81.3	83.6	90.5	80.5
" 31,	81.6	81.1	80.7	80.6	80.6	80.0	81.7	83.8	85.2	87.0	88.4	89.2	87.4	88.2	88.9	87.2	86.3	85.7	84.8	84.7	84.0	83.5	83.4	83.1	84.5	89.6	80.0
Means,	80.4	80.2	79.9	79.7	79.7	79.7	80.4	81.2	82.2	83.0	83.9	84.5	84.5	84.6	84.6	83.7	83.4	82.6	82.0	81.8	81.4	81.1	81.0	80.7	81.9	86.2	78.4

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION, FOR THE MONTH OF AUGUST, 1911.

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.
August 1, ...	79.1	77.8	78.0	77.5	77.6	76.8	79.4	79.8	80.2	79.8	79.1	80.5	79.7	78.8	79.5	79.6	78.8	79.1	78.7	80.2	80.0	80.8	81.2	80.5	79.3	137.9
" 2, ...	81.0	80.5	80.2	78.8	78.8	78.6	78.8	79.4	81.0	78.8	78.8	79.2	78.0	78.4	79.8	78.6	78.1	77.2	76.6	76.5	77.3	76.0	75.5	75.0	78.4	138.8
" 3, ...	75.1	75.7	74.8	74.5	74.0	74.1	75.1	74.3	75.8	75.5	75.8	76.1	75.8	75.3	76.0	75.4	75.1	75.6	75.4	75.3	75.4	74.6	74.9	74.6	75.2	128.5
" 4.	75.3	75.0	75.2	75.6	75.6	75.8	76.1	76.8	75.9	76.2	75.8	76.0	75.8	76.0	75.3	75.6	75.3	75.8	75.1	75.8	75.1	75.8	76.6	76.1	75.7	116.2
" 5.	76.1	75.3	75.3	76.6	76.3	76.3	76.3	75.6	75.1	75.8	75.8	76.0	75.6	75.6	74.8	75.8	75.8	74.8	75.8	74.8	75.8	75.2	75.6	76.7	75.7	89.4
" 6.	76.8	76.6	76.3	76.7	75.8	76.2	76.1	75.8	77.0	77.3	77.8	78.3	77.8	78.0	78.0	77.9	75.0	76.4	78.1	76.8	78.0	78.2	77.5	77.5	77.1	90.5
" 7.	77.4	77.5	77.6	77.5	77.2	77.0	76.8	77.3	78.0	77.7	78.1	79.1	79.8	79.8	78.8	78.8	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.7	78.0	136.3
" 8.	77.6	77.4	77.5	77.4	76.9	77.5	77.6	77.5	78.2	77.8	79.1	78.7	78.6	79.7	78.8	78.1	78.8	78.3	78.3	77.9	77.5	77.8	77.5	77.9	78.0	133.9
" 9.	77.7	78.0	78.1	78.0	77.8	77.8	79.0	79.4	78.3	79.8	78.6	77.8	79.0	79.3	78.8	79.1	79.0	79.1	77.5	77.3	77.8	77.8	78.4	78.4	78.4	132.5
" 10, ...	79.0	78.6	78.9	78.5	78.4	78.5	79.0	79.5	79.8	79.3	80.0	78.2	78.8	78.4	77.8	78.5	78.6	78.5	79.2	79.0	79.5	79.0	78.4	78.4	78.8	133.0
" 11.	78.4	78.3	77.8	77.2	77.0	77.5	79.5	78.6	80.1	80.6	79.8	79.4	79.8	80.6	80.8	78.5	79.0	79.1	79.0	78.9	79.8	79.0	78.4	78.4	79.0	135.4
" 12, ...	77.8	77.5	77.4	77.5	77.6	78.0	79.0	80.0	79.1	78.5	78.0	80.8	80.8	81.1	80.8	79.0	78.7	79.8	79.0	79.1	79.0	79.0	78.9	78.4	78.9	138.8
" 13.	78.3	78.0	78.2	78.0	78.4	78.1	79.0	79.5	80.0	80.8	80.4	79.8	78.4	78.3	78.5	77.8	78.5	78.8	78.2	78.5	77.5	78.4	78.3	77.5	78.6	140.9
" 14.	77.5	77.5	77.6	77.2	77.0	77.3	77.3	77.0	77.0	77.5	78.3	79.4	78.4	79.1	78.7	79.0	79.1	78.1	78.4	74.8	74.0	75.0	74.9	75.1	77.3	128.9
" 15, ...	75.3	75.5	75.5	75.5	75.8	76.2	76.6	77.0	77.6	78.6	79.0	75.1	78.3	78.2	78.4	78.5	78.0	77.8	77.9	77.9	77.8	77.7	77.9	77.7	77.2	125.3
" 16, ...	77.9	77.9	77.8	77.9	78.4	77.8	76.2	76.0	75.9	76.6	77.8	78.6	77.8	78.2	78.3	78.3	78.4	78.3	78.5	78.4	78.9	78.3	78.7	78.3	77.9	101.7
" 17, ...	77.3	77.7	77.9	77.8	78.4	78.6	76.3	76.8	75.6	74.8	75.6	75.8	75.6	76.0	76.3	76.3	76.9	76.7	76.8	77.0	77.0	77.8	77.7	77.9	76.9	90.3
" 18, ...	77.7	77.5	77.1	76.1	75.8	75.8	74.8	77.1	76.9	77.9	77.3	75.6	77.0	77.9	77.3	77.4	77.8	78.2	78.3	77.7	77.8	77.5	77.2	77.1	77.1	89.2
" 19, ...	77.4	77.5	77.4	76.8	77.1	77.5	78.0	78.3	78.1	77.3	75.6	76.6	76.8	77.6	78.1	78.3	78.2	77.0	76.9	77.1	77.4	77.5	77.6	77.7	77.4	94.0
" 20, ...	78.3	76.8	75.9	75.6	76.1	76.8	77.3	77.3	76.5	77.4	78.4	78.6	78.4	78.3	78.0	78.6	77.9	77.8	77.4	77.1	77.2	77.2	77.4	77.5	77.4	138.9
" 21, ...	77.4	77.4	77.6	77.2	77.0	77.0	77.8	78.8	79.8	79.5	78.3	79.0	79.7	79.8	78.8	78.0	78.8	78.2	77.8	78.1	78.0	77.8	77.5	77.9	78.2	140.4
" 22, ...	77.7	77.4	77.5	77.1	77.2	77.1	77.8	78.0	78.0	77.8	77.6	77.5	77.8	78.3	77.8	77.3	77.0	77.3	77.6	78.0	78.4	78.3	78.2	78.2	77.7	141.6
" 23, ...	78.3	78.2	76.8	77.0	76.8	76.6	76.9	77.4	77.0	77.5	78.1	78.8	78.8	78.2	77.8	77.0	77.3	77.6	77.5	77.6	77.5	78.0	77.6	77.7	77.6	137.5
" 24.	77.1	76.8	76.8	76.9	76.6	76.7	77.5	79.2	78.5	77.8	77.9	77.5	78.3	77.8	77.6	77.8	78.1	77.0	77.4	77.0	77.8	76.7	78.0	77.7	77.5	132.8
" 25, ...	77.1	77.3	77.4	77.4	76.9	77.6	77.3	77.8	79.0	78.8	79.8	80.2	80.8	81.3	81.4	80.5	79.6	79.8	79.5	78.8	78.6	79.4	79.4	78.5	78.9	131.8
" 26.	78.6	79.7	79.0	79.3	79.1	79.3	79.8	80.2	78.8	80.3	80.9	78.7	80.6	79.8	80.4	79.8	80.0	79.8	79.3	79.3	78.8	79.6	79.4	79.7	79.6	137.3
" 27, ...	78.1	75.4	75.6	75.1	75.4	74.4	75.0	75.3	75.8	76.6	77.8	77.8	78.5	77.8	78.4	77.6	77.8	78.0	78.6	78.5	79.6	78.8	79.3	79.5	77.3	134.8
" 28, ...	78.6	77.7	77.3	77.6	77.5	77.0	77.2	78.4	77.8	79.0	77.9	78.8	78.4	78.3	78.4	78.7	78.7	77.8	76.2	77.4	78.5	78.4	78.8	79.3	78.1	133.9
" 29, ...	78.5	78.7	77.1	77.3	76.8	75.6	75.8	76.6	77.0	76.6	77.0	77.3	78.2	78.2	77.3	76.8	76.8	76.6	76.7	76.0	75.9	76.2	77.6	76.3	77.0	131.7
" 30.	76.4	76.9	76.6	76.8	77.4	77.1	77.6	77.8	75.5	75.8	76.5	78.0	78.3	77.4	77.1	78.1	77.9	76.1	75.7	75.7	76.1	76.1	76.3	76.0	76.8	138.3
" 31, ...	75.9	76.3	76.1	76.0	76.5	76.0	75.5	76.4	76.4	75.8	76.6	77.6	78.3	77.9	78.1	76.5	76.8	76.9	76.5	76.4	76.8	77.0	76.3	76.1	76.6	134.3
Means, ...	77.6	77.4	77.2	77.0	77.0	77.0	77.3	77.7	77.7	77.9	78.0	78.1	78.3	78.4	78.3	78.0	77.9	77.7	77.6	77.4	77.6	77.6	77.7	77.6	77.7	126.3

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR, FOR THE MONTH OF AUGUST, 1911.

Hours.	Hourly Means.		Date.	Daily Means.	
	Humidity.	Tension.		Humidity.	Tension.
			1911.		
1 a.	88	0.912	August 1,.....	77	0.924
2 „	88	.905	„ 2,.....	78	.902
3 „	88	.900	„ 3,.....	75	.799
4 „	88	.894	„ 4,.....	89	.856
5 „	88	.894	„ 5,.....	91	.865
6 „	88	.894	„ 6,.....	91	.904
7 „	87	.898	„ 7,.....	87	.919
8 „	85	.905	„ 8,.....	83	.907
9 „	81	.891	„ 9,.....	78	.902
10 „	79	.889	„ 10,.....	82	.929
11 „	75	.881	„ 11,.....	84	.942
Noon.	74	.878	„ 12,.....	84	.938
1 p.	75	.887	„ 13,.....	87	.941
2 „	75	.890	„ 14,.....	87	.898
3 „	75	.885	„ 15,.....	87	.894
4 „	76	.884	„ 16,.....	89	.924
5 „	77	.884	„ 17,.....	93	.906
6 „	79	.886	„ 18,.....	90	.901
7 „	81	.889	„ 19,.....	92	.919
8 „	81	.883	„ 20,.....	91	.913
9 „	84	.897	„ 21,.....	83	.912
10 „	85	.902	„ 22,.....	83	.898
11 „	86	.907	„ 23,.....	82	.889
Midt.	87	.907	„ 24,.....	81	.882
			„ 25,.....	78	.919
			„ 26,.....	74	.924
			„ 27,.....	69	.884
			„ 28,.....	72	.868
			„ 29,.....	72	.833
			„ 30,.....	72	.831
			„ 31,.....	69	.810
Mean, ...	82	0.893	Means,.....	82	0.893

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.
1911.														
August 1,.....	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	11.7
„ 2,.....	...	0.1	0.2	0.9	1.0	0.9	1.0	0.9	1.0	0.9	0.1	...	...	7.0
„ 3,.....	...	0.2	0.1	1.0	0.7	0.7	1.0	0.6	0.7	0.8	0.3	...	...	6.1
„ 4,.....	...	...	...	...	...	0.1	0.2	0.4	...	...	...	...	...	0.7
„ 5,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 6, ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 7,.....	...	...	0.2	0.9	0.8	1.0	1.0	1.0	1.0	1.0	0.9	...	...	7.8
„ 8,.....	...	0.1	0.3	0.4	0.7	1.0	1.0	1.0	1.0	...	...	0.9	0.1	6.5
„ 9,.....	...	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	11.3
„ 10,.....	...	0.1	...	...	0.3	0.3	0.1	0.1	...	...	...	...	...	0.9
„ 11,.....	...	0.8	1.0	1.0	1.0	1.0	0.9	0.9	0.6	0.8	...	...	...	8.0
„ 12,.....	0.1	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.8	0.2	...	...	...	7.9
„ 13,.....	...	0.3	0.7	1.0	1.0	0.9	0.5	...	...	...	...	...	...	4.4
„ 14,.....	...	...	...	...	0.2	0.5	...	...	...	...	0.3	...	...	1.0
„ 15,.....	...	0.3	...	...	...	...	...	...	...	0.8	0.8	0.4	...	2.3
„ 16,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 17,.....	...	..	...	...	...	...	...	...	...	...	...	...	...	...
„ 18,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 19,.....	...	...	...	...	...	...	...	...	...	...	...	0.2	...	0.2
„ 20,.....	...	...	...	...	0.4	...	0.1	0.3	...	...	...	0.3	...	1.1
„ 21,.....	...	0.1	0.8	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.6	...	9.2
„ 22,.....	...	0.3	0.7	0.6	0.2	0.4	1.0	1.0	1.0	1.0	0.7	0.7	0.1	7.7
„ 23,.....	...	0.3	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	10.6
„ 24,.....	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	11.0
„ 25,.....	...	0.8	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	10.7
„ 26,.....	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	11.4
„ 27,.....	...	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	...	10.0
„ 28,.....	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	11.5
„ 29,.....	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	11.6
„ 30,.....	...	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.7	1.0	1.0	0.4	10.5
„ 31,.....	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	...	...	9.4
Sums,.....	0.9	12.4	15.3	18.7	19.3	19.8	19.7	19.1	17.5	17.2	14.2	12.4	4.0	190.5

TABLE VI.

RAINFALL FOR THE MONTH OF AUGUST, 1911.

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,	0.100	...	...	...	...	...	0.045	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.145	...
" 3,	...	...	...	...	...	...	0.040	0.030	...	0.005	0.005	0.005	0.005	...	0.005	...	...	0.060	...	...	...	...	0.010	0.025	0.190	2
" 4,	0.030	0.140	0.145	0.015	0.165	0.105	0.005	0.005	0.025	0.170	...	0.070	...	0.060	0.140	0.020	0.050	0.030	...	0.030	0.170	0.110	0.150	0.170	1.805	16
" 5,	0.190	0.090	0.170	0.150	...	0.230	0.240	0.260	0.025	0.005	0.110	0.320	0.075	0.085	0.120	0.790	0.430	0.290	0.240	0.250	0.410	1.360	2.350	0.420	8.610	22
" 6,	0.630	0.975	1.500	0.820	0.310	0.120	1.070	0.855	0.480	0.205	0.090	0.005	...	...	...	0.040	0.020	0.005	...	...	...	...	...	...	6.625	12
" 7,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 8,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 9,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 10,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 11,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 12,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.025	...	...	...	...	...	...	...	...	0.025	...
" 13,	...	...	...	...	...	...	...	...	...	...	...	0.020	0.090	0.015	...	0.005	...	...	...	...	...	...	...	...	0.130	2
" 14,	...	...	...	...	...	...	...	...	...	...	...	...	0.200	0.020	...	...	...	...	0.050	0.530	0.095	0.015	...	...	0.910	4
" 15,	...	...	...	...	...	...	...	...	...	0.035	...	...	...	...	...	...	...	...	...	...	...	0.195	...	...	0.230	1
" 16,	...	0.220	0.025	...	0.015	0.115	1.220	0.170	0.140	0.120	0.100	...	...	...	...	...	...	...	...	...	0.040	...	0.020	0.380	2.565	7
" 17,	0.070	0.120	0.100	...	...	0.210	0.080	0.680	0.985	0.385	0.130	0.090	0.070	0.035	0.005	...	...	...	...	...	...	...	...	...	2.960	10
" 18,	...	...	0.670	0.570	0.030	0.015	0.090	0.020	...	0.005	0.480	0.880	0.210	...	...	...	...	0.005	...	...	...	...	...	...	2.975	6
" 19,	...	...	0.055	...	0.030	...	0.195	0.010	0.180	0.215	0.760	0.025	0.095	0.010	0.045	...	...	...	...	...	...	...	...	...	1.620	6
" 20,	...	0.820	0.050	0.010	0.065	0.120	...	0.005	0.095	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·195	5
" 21,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 22,	...	...	...	...	...	0.010	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.010	...
" 23,	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	...
" 24,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 25,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 26,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 27,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 28,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 29,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 30,	...	...	...	...	...	...	...	...	...	...	...	...	...	0.060	...	...	...	...	...	...	...	...	...	...	0.060	...
" 31,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	1.025	2.365	2.715	1.095	0.615	0.925	2.985	2.035	1.930	1.145	1.675	1.415	0.745	0.285	0.315	0.880	0.500	0.390	0.290	0.810	0.715	1.680	2.530	0.995	30.060	93

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND, FOR THE MONTH OF AUGUST, 1911.

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,	25	2	25	2	30	4	...	1	3[illegible]	2	30	2	30	2	27	5	24	9	24	8	23	12	23	10	23	10	23	2	24	9	24	10	24	8	24	6	24	3	...	1	...	1	...	0	...	1	12	7	127	5.3	24
" 2,	12	13	11	17	10	10	11	11	9	9	8	13	10	13	7	10	7	9	8	19	8	18	9	21	7	17	10	13	9	18	9	25	10	26	7	25	7	5	8	26	7	22	5	20	5	21	5	19	420	17.5	8
" 3,	5	17	6	23	6	16	6	20	6	24	5	4	6	23	5	32	6	27	6	2	6	28	6	25	6	28	6	28	6	33	5	32	4	32	5	34	6	39	6	39	6	38	6	38	6	40	6	38	706	29.4	6
" 4,	6	39	6	42	7	42	7	40	7	44	7	44	8	43	7	42	7	43	8	46	8	46	8	49	7	47	8	50	7	47	8	47	7	54	9	56	8	53	8	57	16	58	10	54	10	5	10	50	1144	47.7	8
" 5,	11	46	11	50	11	46	11	48	11	57	12	58	12	62	12	53	13	55	13	50	13	41	13	35	12	56	12	58	13	46	13	44	14	50	14	47	15	44	14	38	16	36	16	35	16	30	14	50	1095	45.6	13
" 6,	14	48	14	45	16	39	15	31	16	31	16	27	16	28	18	22	17	26	15	32	15	30	15	26	15	25	16	23	16	27	16	25	16	24	16	18	16	23	16	21	16	22	16	2[illegible]	16	20	17	18	652	27.2	16
" 7,	16	20	16	19	18	18	16	22	16	18	15	21	15	19	16	20	15	16	16	19	15	19	15	20	15	19	16	17	16	3	16	15	16	16	16	13	15	13	16	15	15	13	15	8	16	8	16	9	390	16.2	16
" 8,	17	12	17	11	16	13	17	7	14	6	17	8	16	10	16	11	18	8	17	13	17	12	18	17	17	15	18	13	18	10	18	10	18	11	18	9	18	5	18	3	18	6	18	3	...	0	...	0	213	8.9	17
" 9,	...	0	...	1	...	0	18	3	20	7	20	4	23	5	27	5	27	8	24	8	24	10	24	10	23	10	22	13	20	13	20	13	21	12	19	11	20	14	20	9	21	5	21	2	21	6	21	6	175	7.3	22
" 10,	21	7	22	8	22	5	22	6	22	8	25	5	25	5	25	8	24	6	24	5	24	6	24	7	23	6	23	3	...	0	23	2	18	4	18	4	12	5	12	3	...	1	12	3	12	2	13	3	112	4.7	22
" 11,	...	1	13	3	...	1	...	1	...	0	...	0	...	1	18	3	16	5	10	12	8	11	9	13	8	12	8	5	7	6	16	7	16	2	...	1	...	1	...	1	16	2	...	1	17	4	...	1	94	3.9	11
" 12,	...	1	...	1	...	1	...	1	17	2	...	1	...	0	...	0	17	2	20	3	25	4	17	6	12	3	16	5	16	6	31	6	31	2	31	2	...	1	31	2	...	0	...	0	...	0	...	1	50	2.1	18
" 13,	...	1	...	1	...	0	...	0	31	2	...	0	...	0	...	1	25	4	27	5	25	6	20	6	1	5	24	2	...	1	17	2	24	2	...	1	...	1	20	3	20	3	...	0	...	0	1	4	50	2.1	25
" 14,	2	2	...	1	2	3	17	3	25	6	25	4	26	5	24	5	25	4	24	4	25	3	24	4	30	5	30	2	...	1	30	4	21	8	27	4	21	16	26	18	24	6	24	2	...	0	...	0	105	4.4	25
" 15,	20	2	...	0	...	0	20	2	...	0	16	4	18	6	20	3	...	0	24	2	24	2	19	8	19	8	17	12	18	12	18	12	18	10	15	6	16	8	18	7	18	10	18	10	19	12	18	12	148	6.2	18
" 16,	19	8	19	8	19	14	20	13	...	1	29	7	23	15	20	18	20	16	23	11	24	16	18	18	18	19	18	17	17	13	17	11	17	13	17	15	16	20	16	16	16	13	16	14	16	15	20	10	321	13.4	19
" 17,	16	9	16	12	17	8	18	5	20	11	24	14	27	5	29	2	18	3	17	2	...	1	...	1	14	3	7	4	7	6	8	8	9	10	9	8	8	5	12	3	16	8	15	10	15	12	15	9	159	6.6	15
" 18,	16	10	15	12	15	1[illegible]	16	16	10	4	7	8	6	4	4	7	17	14	16	11	16	10	25	16	20	17	18	12	18	8	16	8	16	10	17	8	15	6	17	8	16	11	16	7	17	8	16	9	235	9.8	17
" 19,	16	5	7	6	12	8	14	3	9	2	13	2	15	6	15	4	7	4	6	10	15	10	8	2	...	1	3	4	...	1	30	2	23	4	20	5	19	3	19	2	11	4	11	7	9	6	8	5	106	4.4	11
" 20,	8	5	14	1[illegible]	6	9	7	8	4	6	12	2	...	1	18	6	28	4	28	7	29	5	29	5	21	9	27	3	...	0	17	3	16	8	16	7	18	4	16	8	16	2	16	3	16	2	16	3	120	5.0	16
" 21,	13	2	...	0	13	3	13	2	...	1	...	1	...	1	11	2	10	6	9	7	16	9	16	10	15	7	17	9	15	8	16	8	8	13	9	9	10	7	9	7	10	7	10	6	10	7	10	6	138	5.8	12
" 22,	10	8	10	9	10	10	8	7	8	8	10	7	10	8	8	9	9	11	9	18	7	14	7	16	8	15	8	17	8	15	8	17	8	15	7	14	9	17	7	15	8	16	9	21	9	22	10	16	325	13.5	8
" 23,	9	20	9	18	10	14	8	14	8	13	7	14	7	16	7	20	8	16	8	20	8	18	7	18	8	19	7	17	7	18	7	17	7	1[illegible]	7	13	7	15	8	12	7	13	8	13	10	17	10	13	385	16.0	8
" 24,	11	13	10	11	10	9	7	7	7	6	7	3	7	3	7	8	7	10	9	17	8	12	9	13	9	12	9	10	8	10	7	5	14	3	24	6	...	1	...	1	24	2	...	1	27	7	27	4	174	7.2	9
" 25,	26	6	26	5	26	5	25	7	24	9	24	8	26	8	24	9	23	10	24	11	24	11	22	11	22	12	22	11	23	9	24	9	24	11	24	9	24	8	24	7	24	4	28	4	25	3	5	2	189	7.9	24
" 26,	5	4	9	11	9	3	9	2	9	5	9	3	...	1	22	4	32	3	24	9	25	9	29	19	27	12	27	14	27	11	26	12	26	7	27	7	26	6	27	9	28	11	28	9	28	7	28	10	188	7.8	28
" 27,	28	15	28	15	28	16	28	12	25	10	27	14	23	11	23	11	28	14	28	20	25	13	27	15	24	15	24	16	27	17	25	15	26	13	23	7	24	8	23	8	23	8	23	4	24	5	24	7	289	12.0	26
" 28,	23	5	26	6	24	10	27	6	27	3	27	4	25	7	24	8	24	8	24	9	24	11	22	10	23	12	22	12	23	15	22	13	21	16	2[illegible]	13	21	11	21	10	23	6	27	5	30	6	28	6	212	8.8	23
" 29,	27	5	27	5	25	6	28	10	24	9	24	10	28	10	26	8	28	11	28	11	25	10	25	13	22	13	23	15	24	13	23	12	24	12	24	9	24	6	24	4	26	4	26	4	26	5	26	5	210	8.8	25
" 30,	27	6	27	4	27	4	27	4	27	4	27	6	25	7	25	8	26	7	25	10	22	10	24	10	26	9	30	10	15	6	...	1	29	6	24	11	23	7	23	5	23	2	23	4	23	5	23	3	149	6.2	25
" 31,	23	3	23	5	23	6	26	5	27	3	28	5	28	4	27	6	24	5	28	14	27	12	22	14	22	14	22	13	23	13	24	13	25	12	26	9	24	7	24	9	25	7	25	5	23	7	24	8	199	8.3	24
Sums,	...	335	...	361	...	334	...	317	...	311	...	323	...	329	...	350	...	364	...	441	...	479	...	448	...	425	...	420	...	405	...	408	...	426	...	387	...	382	...	367	...	341	...	314	...	329	...	334	8880	370.0	...
Means,	...	10.8	...	11.6	...	10.8	...	10.2	...	10.0	...	10.4	...	10.6	...	11.3	...	11.7	...	14.2	...	13.5	...	14.5	...	14.0	...	13.5	...	13.1	...	13.2	...	13.7	...	12.5	...	12.3	...	11.8	...	11.0	...	10.1	...	10.6	...	10.8	286.5	11.9	...

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
1911.												
Aug. 1, ...	0	...	...	0	...	...	4	cum.	SW	1	cum.	...
„ 2, ...	10	nim.	...	7	cum.	N	9	cum.	E	6	cum.	NNE
„ 3, ...	6	cum.	ENE	5	cum.	ENE	10	cum.	ENE	10	cum.	ENE
„ 4, ...	9	cum.	ENE	10	nim.	ENE	10	nim.	ESE	10	nim.	ESE
„ 5, ...	10	nim.	E	10	nim.	...	10	nim.	SSE	10	cum-nim.	SE
„ 6, ...	10	nim.	S	10	nim.	S	10	nim.	SSW	10	nim.	SSW
„ 7, ...	10	cum.	SSW	9	cum.	SSW	10	cum.	SSW	10	cum.	S
„ 8, ...	9	cum.	SSW	9	cum.	SSW	10	cum.	SW	10	cum.	SW
„ 9, ...	8	cum.	SW	10	c-str. / cum.	SW	7	c-str.	ESE	2	c-str. / cum.	...
„ 10, ...	10	c-str.	...	10	c-str.	...	9	sm-cum. / cum.	NE / ..	10	sm-cum. / cum.	ENE / W
„ 11, ...	6	c-str. / cum.	W	6	c-str. / cum.	W	4	c-str. / cum.	WSW	6	c-str. / cum.	WSW
„ 12, ...	1	cum.	...	3	cum.	...	3	cum.	...	3	cum.	...
„ 13, ...	6	c-str. / cum.	...	7	c-str. / cum.	...	5	c-str. / cum.	SW	4	cum.	N
„ 14, ...	8	sm-cum.	NW	10	cum.	...	10	cum.	N	9	sm-cum. / cum.	WNW / N
„ 15, ...	10	cum.	...	10	sm-cum.	W	10	cum.	WSW	10	nim.	WSW
„ 16, ...	9	cum.	SW	10	cum-nim.	SW	10	nim.	SW	10	nim.	SW
„ 17, ...	10	cum.	SSW	10	cum-nim.	SSW	10	nim.	SW	10	nim.	SW
„ 18, ...	10	cum.	SW	10	nim.	SW	10	nim.	S	10	cum.	S
„ 19, ...	10	cum.	SSW	10	cum-nim.	SW	10	cum-nim	SW	10	nim.	SSW
„ 20, ...	6	cum.	SSW	10	nim.	S	10	nim.	S	8	cum.	SW
„ 21, ...	3	cum.	SW	4	cum.	SSW	9	c-str. / cum.	S	7	c-str. / cum.	SSW
„ 22,	2	cum.	...	3	c-str,	...	9	c-str. / cum.	ENE / ESE	9	cum.	E
„ 23, ...	7	cum.	E	2	cum.	E	7	c-cum. / cum.	E	6	cum.	E
„ 24, ...	0	...	...	1	cum.	...	7	cum.	E	4	cum.	E
„ 25, ...	0	...	...	7	c-str.	...	5	c-str. / cum.	E	6	c-str.	SSW
„ 26, ...	0	...	...	0	...	...	1	c-str.	...	4	c-str.	SE
„ 27, ...	0	...	...	3	c-str.	...	7	c-str.	...	8	c-str. / cum.	...
„ 28, ...	10	cum.	...	10	c-str. / cum.	NNW	2	c-str. / cum.	...	2	c-str.	...
„ 29, ...	1	cum.	...	0	...	...	2	c-str. / sm-cum.	...	1	c-str. / cum.	...
„ 30, ...	0	...	...	0	...	...	3	c-str. / sm-cum.	...	2	c-str.	ENE
„ 31, ...	0	...	...	0	...	...	4	c-str. / cum.	ENE / ..	3	c-str.	ENE
Means,...	5.8	...	...	6.3	...	...	7 3	...	...	6.8	...	...

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	
1911.													
Aug. 1,...	2	cum.	N	3	c-str. / cum.	...	3	c-str. / cum.	...	4	c-str.	...	2.1
„ 2,...	7	cum.	NNE	9	cum.	NE	9	sm-cum. / cum.	NE	10	cum.	ENE	8.4
„ 3,...	8	cum.	ENE	8	cum.	ENE	9	cum-nim.	ENE	10	cum.	E	8.2
„ 4,...	10	cum-nim.	ESE	10	cum-nim.	ESE	10	cum-nim.	E	10	nim.	E	9.9
„ 5,...	10	nim.	SE	10	nim.	SE	10	nim.	S	10	nim.	S	10.0
„ 6,...	10	cum-nim.	S	10	nim.	SSW	10	cum-nim.	S	10	cum.	S	10.0
„ 7,...	7	cum.	SSW	8	cum.	SSW	10	cum.	SSW	9	cum.	S	9.1
„ 8,...	8	cum.	SW	9	cum.	SW	8	c-str. / cum.	SW	10	cum.	SW	9.1
„ 9,...	3	c-str. / cum.	SW	3	c-str. / cum.	...	8	c-str. / cum.	...	10	c-str.	...	6.4
„ 10,...	10	c-str. / cum.	N / ..	10	cum.	...	10	cum.	...	10	c-str. / cum.	...	9.9
„ 11,...	6	sm-cum. / cum.	SW	10	cum.	...	6	c-cum. / cum.	S	8	sm-cum. / cum.	W	6.5
„ 12,...	6	cum.	SSW	8	c-str. / cum.	...	7	c-str. / cum.	...	9	c-str.	...	5.0
„ 13,...	10	nim.	NNW	10	cum.	N	9	cum.	...	10	cum.	...	7.6
„ 14,...	10	nim.	NNW	9	sm-cum. / cum.	NW / SW	10	cum.	WSW	10	nim.	...	9.5
„ 15,...	10	cum.	WSW	8	sm-cum. / cum.	WSW / SW	9	sm-cum. / cum.	SW	10	nim.	SW	9.6
„ 16,...	10	cum.	SW	10	cum.	SW	10	cum.	S	10	cum-nim.	S	9.9
„ 17,...	10	nim.	SW	10	cum.	SW	10	c-str. / cum.	SW	8	cum.	SW	9.8
„ 18,...	10	nim.	SSW	10	cum.	SW	10	cum.	SSW	9	cum.	SSW	9.9
„ 19,...	10	nim.	SSW	10	cum-nim.	SW	4	sm-cum. / cum.	ENE / ..	2	cum.	SSW	8.2
„ 20,...	10	nim.	SW	9	cum.	SW	7	cum.	SW	5	cum.	SW	8.1
„ 21,...	7	c-str. / cum.	S	8	c-str. / cum.	SSW	10	c-str. / cum.	SW	3	cum.	...	6.4
„ 22,...	8	c-cum. / sm-cum. / cum.	E	10	cum.	ENE	7	sm-cum. / cum.	E	9	cum.	E	7.1
„ 23,...	7	cum.	E	4	cum.	E	3	cum.	E	2	cum.	E	4.8
„ 24,...	3	cum.	E	3	cum.	E	7	cum.	E	0	...	...	3.1
„ 25,...	5	c-str.	...	4	c-str.	...	1	c-str.	...	0	...	...	3.5
„ 26,...	3	c-str. / cum.	SE / NNW	4	c-str. / cum.	N	8	c-str.	...	1	c-str.	...	2.6
„ 27,...	6	c-str.	...	8	c-str. / cum.	NNW	10	cum.	N	10	cum-nim.	...	6.5
„ 28,...	2	c-str. / cum.	...	2	c-str. / cum.	...	4	c-str. / cum.	...	0	...	...	4.0
„ 29,...	2	c-str. / cum.	...	6	c-str. / cum.	...	4	c-str.	...	0	...	...	2.0
„ 30,...	6	c-str. / cum.	NNW	4	cum.	N	5	c-str. / cum.	N	2	c-str.	...	2.7
„ 31,...	6	c-str. / cum.	N	9	sm-cum. / cum.	ENE / ..	7	c-str.	...	4	c-str.	...	4.1
Means,...	7.2	...	...	7.6	...	...	7.6	...	...	6.6	...	...	6.9

TABLE IX.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR THE MONTH OF AUGUST, 1911.

Hours.	Components (miles per hour).						Direction.
	N	E	S	W	+N −S	+E −W	
1 a.	1.5	5.3	5.3	1.6	− 3.8	+ 3.7	S 44° E
2 „	1.5	6.3	5.4	1.6	3.9	4.7	S 50° E
3 „	1.3	5.0	5.0	2.1	3.7	2.9	S 38° E
4 „	1.4	4.9	4.4	1.8	3.0	3.1	S 46° E
5 „	1.2	5.3	3.5	2.0	2.4	3.3	S 54° E
6 „	1.8	5.1	3.6	2.4	1.8	2.6	S 56° E
7 „	1.2	5.0	4.1	2.5	2.9	2.5	S 41° E
8 „	1.8	5.2	3.9	3.2	2.1	1.9	S 43° E
9 „	1.8	5.1	4.4	3.3	2.6	1.7	S 34° E
10 „	1.8	6.7	4.4	4.0	2.5	2.7	S 47° E
11 „	1.1	5.9	4.2	4.4	3.1	1.5	S 26° E
Noon.	1.6	5.9	5.2	4.9	3.5	1.0	S 16° E
1 p.	1.4	6.0	5.2	4.6	3.8	1.4	S 20° E
2 „	1.3	5.5	5.3	4.3	4.0	1.2	S 17° E
3 „	1.4	5.7	5.1	3.4	3.7	2.3	S 32° E
4 „	1.4	5.5	5.1	3.5	3.7	2.0	S 28° E
5 „	1.7	5.6	5.7	3.5	3.9	2.2	S 29° E
6 „	1.3	5.5	5.1	3.1	3.8	2.4	S 33° E
7 „	0.8	5.6	5.2	2.7	4.4	2.9	S 34° E
8 „	1.0	5.5	4.4	2.6	3.4	3.0	S 41° E
9 „	1.1	4.9	5.1	1.9	4.0	3.0	S 37° E
10 „	1.3	5.0	4.7	1.3	3.4	3.7	S 48° E
11 „	1.5	5.0	4.8	1.7	3.4	3.3	S 44° E
Midt.	1.5	5.4	5.0	1.9	− 3.5	+ 3.5	S 45° E
Means,.....	1.4	5.5	4.8	2.8	− 3.35	+2.60	S 38° E

PHENOMENA :—

Solar halo:—on the 10th, 25th, and 27th.

Lunar halo:—on the 9th and 10th.

Lunar Corona :—on the 11th.

Slight fog:—on the 13th.

Haze:—on the 12th, 13th, and 14th.

Dew:—on the 1st, 10th, 11th, 12th, 13th, 21st, 24th, 25th, and 26th.

Rainbow:—on the 15th, 25th, and 26th.

Lightning without thunder:—on the 1st, 7th, 8th, 21st, 22nd, 24th, and 26th.

Thunder without lightning:—on the 11th.

Thunderstorms:—on the 2nd 3 a—3.25 a, in WSW, distant; 6th 3 a, in NNW, distant; 12th 3 p —3.45 p, in NW, nearest at 3.35 p (15°); 13th 12.10 p—2.15 p, N—S, nearest at 1.16 p (8°); 11.10 p—midt, in SE, distant; 14th 12.30 a—2 a, in W, distant; 1.27 p—2.10 p in ESE, distant; 7.12 p, in WSW, distant; 15th 4.15 a—5 a, in W, distant; 16th 9.20 a—10.50 a, N—S, nearest at 9.20 a (10°); 16th 10.35 p—17th 3.30 a, SW—NE, nearest at 11.58 p (9°); 17th 6.20 a—11.35 a, NW—SE, nearest at 6.35 a (16°); 18th 4.30 a—4.45 a, in NW, distant; 11.15 a—1.5 p, SE—NW, nearest at 12.42 p (9°); 19th 2.35 a—3.55 a, NW—SE, nearest at 2.35 a (12°); 11.20 a—12.25 p, N—S, nearest at 11.26 a (12°); 20th 2.50 a—3.30 a, N—S, nearest at 2.50 a (3°); 25th 3.42 a—4.10 a, in E, distant.

TABLE I.

BAROMETRIC PRESSURE, FOR THE MONTH OF SEPTEMBER, 1911.

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,...	29.494	29.470	29.456	29.450	29.454	29.470	29.484	29.500	29.502	29.492	29.476	29.461	29.443	29.419	29.415	29.411	29.401	29.407	29.415	29.427	29.434	29.441	29.435	29.423	29.449
„ 2,...	.415	.395	.387	.397	.403	.413	.435	.449	.461	.459	.443	.435	.429	.417	.409	.403	.401	.414	.425	.441	.463	.463	.462	.450	.428
„ 3,...	.450	.427	.411	.395	.395	.431	.435	.439	.478	.471	.487	.478	.477	.452	.438	.420	.408	.416	.440	.446	.482	.501	.492	.488	.448
„ 4,...	.480	.466	.449	.457	.468	.466	.480	.496	.503	.505	.502	.492	.464	.443	.427	.450	.446	.460	.488	.504	.528	.542	.546	.532	.483
„ 5,...	.508	.496	.502	.500	.498	.500	.538	.565	.571	.581	.573	.556	.546	.535	.519	.522	.528	.547	.578	.592	.620	.644	.638	.620	.553
„ 6,...	.592	.582	.576	.584	.592	.608	.632	.649	.662	.670	.662	.650	.640	.632	.624	.630	.635	.669	.686	.712	.730	.722	.710	.714	.648
„ 7,...	.710	.704	.696	.686	.690	.708	.740	.748	.756	.764	.762	.753	.722	.711	.716	.706	.715	.723	.727	.733	.746	.771	.765	.757	.730
„ 8,...	.755	.749	.737	.735	.727	.739	.765	.779	.777	.777	.775	.767	.739	.729	.704	.711	.709	.705	.730	.748	.758	.764	.760	.756	.746
„ 9,...	.746	.728	.720	.728	.738	.746	.758	.776	.790	.798	.796	.783	.769	.755	.760	.755	.739	.745	.757	.789	.809	.817	.803	.809	.767
„ 10,...	.801	.799	.799	.800	.807	.821	.853	.851	.857	.863	.859	.845	.831	.817	.797	.789	.787	.793	.803	.821	.853	.857	.855	.849	.824
„ 11,...	.837	.825	.825	.828	.833	.841	.856	.859	.865	.879	.873	.859	.835	.814	.797	.787	.789	.799	.806	.825	.844	.853	.853	.841	.834
„ 12,...	.831	.822	.803	.803	.797	.805	.826	.829	.829	.838	.827	.809	.793	.767	.755	.753	.741	.741	.753	.769	.785	.797	.805	.799	.795
„ 13,...	.797	.789	.786	.785	.789	.787	.797	.806	.807	.807	.805	.781	.755	.743	.727	.717	.716	.723	.735	.756	.779	.781	.783	.781	.772
„ 14,...	.779	.771	.767	.769	.772	.777	.783	.791	.797	.797	.793	.777	.751	.737	.731	.723	.725	.737	.747	.765	.784	.791	.793	.787	.768
„ 15,...	.781	.773	.766	.769	.769	.771	.785	.805	.811	.819	.799	.783	.763	.745	.729	.731	.731	.739	.747	.753	.770	.772	.769	.765	.769
„ 16,...	.753	.739	.731	.731	.749	.753	.772	.789	.793	.789	.773	.755	.735	.699	.685	.675	.665	.669	.677	.686	.693	.687	.693	.691	.724
„ 17,...	.675	.665	.661	.653	.653	.665	.687	.689	.684	.679	.657	.640	.606	.580	.565	.564	.570	.568	.574	.582	.594	.605	.607	.599	.626
„ 18,...	.592	.584	.578	.592	.600	.612	.616	.632	.646	.638	.630	.640	.610	.597	.581	.569	.574	.590	.592	.606	.614	.600	.594	.572	.602
„ 19,...	.560	.552	.536	.506	.518	.540	.552	.568	.590	.584	.568	.583	.573	.576	.562	.548	.550	.584	.598	.612	.637	.642	.657	.662	.577
„ 20,...	.648	.616	.628	.642	.652	.666	.686	.716	.738	.748	.748	.733	.707	.690	.678	.678	.688	.699	.724	.756	.780	.794	.796	.790	.708
„ 21,...	.774	.756	.750	.750	.762	.778	.784	.803	.810	.813	.808	.797	.781	.761	.747	.735	.735	.748	.761	.777	.798	.802	.802	.793	.776
„ 22,...	.787	.774	.763	.767	.765	.781	.791	.807	.814	.815	.813	.805	.789	.769	.754	.747	.743	.749	.757	.781	.809	.816	.801	.792	.783
„ 23,...	.779	.765	.751	.755	.761	.773	.793	.801	.819	.819	.823	.805	.781	.763	.761	.755	.753	.760	.769	.800	.829	.837	.819	.809	.787
„ 24,...	.789	.785	.781	.771	.777	.797	.815	.823	.835	.837	.843	.830	.811	.799	.785	.777	.777	.775	.795	.811	.829	.835	.841	.835	.806
„ 25,...	.825	.817	.815	.811	.821	.833	.843	.859	.871	.875	.865	.848	.823	.804	.794	.792	.788	.796	.802	.822	.847	.854	.848	.844	.829
„ 26,...	.820	.802	.790	.790	.792	.794	.803	.826	.838	.841	.832	.811	.792	.758	.750	.746	.742	.738	.750	.767	.784	.778	.770	.760	.786
„ 27,...	.750	.732	.720	.708	.712	.720	.735	.748	.750	.744	.724	.702	.673	.650	.626	.622	.634	.642	.652	.663	.674	.671	.666	.650	.690
„ 28,...	.628	.605	.586	.582	.582	.584	.594	.606	.604	.612	.601	.576	.538	.512	.506	.510	.500	.533	.544	.548	.546	.540	.508	.508	.561
„ 29,...	.510	.482	.460	.461	.478	.478	.490	.502	.490	.496	.490	.476	.462	.430	.418	.414	.446	.462	.474	.503	.502	.512	.494	.482	.475
„ 30,...	.454	.448	.440	.446	.446	.463	.466	.480	.486	.480	.456	.442	.417	.396	.376	.394	.412	.448	.444	.454	.454	.460	.452	.432	.444
Means,.....	29.677	29.664	29.656	29.655	29.660	29.671	29.686	29.700	29.708	29.710	29.702	29.689	29.668	29.650	29.638	29.634	29.635	29.646	29.658	29.675	29.692	29.698	29.694	29.686	29.673

TABLE II.

TEMPERATURE, FOR THE MONTH OF SEPTEMBER, 1911.

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,	82.9	82.7	82.5	82.6	81.5	81.4	82.4	83.6	84.5	85.8	87.2	88.3	88.8	88.9	89.0	89.0	87.7	86.7	86.7	86.6	87.0	84.7	84.6	84.5	85.4	89.2	81.3
" 2,	85.3	85.0	84.6	84.5	84.7	83.8	85.2	86.0	86.0	86.8	87.1	89.1	88.0	88.0	87.5	86.0	84.5	84.0	84.2	83.8	83.6	83.6	83.2	83.2	85.3	89.1	82.9
" 3,	83.0	82.7	82.5	81.6	81.5	78.4	77.5	79.7	75.7	77.1	78.0	78.2	78.1	78.0	79.0	78.4	79.5	79.2	79.4	79.4	79.7	79.3	78.9	79.4	79.3	84.5	75.0
" 4,	78.2	77.9	77.5	77.7	78.0	78.0	79.5	80.0	81.5	82.8	83.7	84.9	86.9	87.0	83.7	80.7	81.4	80.7	80.8	80.1	80.0	80.0	79.7	78.7	80.8	87.2	76.7
" 5,	78.7	78.5	78.4	78.7	79.0	78.3	78.7	79.8	82.2	82.5	84.5	85.3	85.8	86.0	86.5	85.1	85.0	83.6	81.0	78.9	79.0	79.5	77.8	78.7	81.3	86.5	77.6
" 6,	78.3	78.0	77.7	77.7	77.8	78.0	78.7	80.4	81.8	84.0	86.0	87.0	87.2	86.8	87.6	84.0	83.9	78.5	77.1	76.1	76.0	76.4	76.4	76.6	80.5	87.6	76.0
" 7,	76.6	76.7	76.8	76.9	77.2	76.7	77.2	79.1	81.9	83.1	82.0	80.7	8[illegible].3	83.0	80.8	81.1	81.0	78.5	78.0	77.2	77.2	77.0	76.9	76.8	79.0	83.4	76.1
" 8,	76.7	76.7	76.7	76.6	76.8	76.3	77.3	79.7	81.3	79.8	81.3	81.2	82.0	81.3	80.0	79.0	78.0	76.8	76.0	75.9	76.3	76.0	76.1	76.3	78.1	84.0	75.9
" 9,	76.3	76.2	76.2	75.6	76.0	76.4	76.5	79.3	78.0	77.2	77.2	77.3	78.0	78.9	79.0	79.0	77.8	77.5	77.0	77.1	77.1	77.0	76.8	76.8	77.3	80.9	75.6
" 10,	76.8	76.8	76.8	76.8	76.9	76.8	79.4	78.6	80.5	82.6	82.5	82.3	83.6	83.0	82.0	81.1	80.8	79.2	78.3	78.2	78.2	78.2	78.3	78.2	79.4	84.0	76.2
" 11,	78.6	78.2	78.4	78.5	77.7	77.2	78.1	80.7	82.0	82.1	82.9	85.8	82.1	82.0	82.2	80.8	80.0	79.0	79.0	78.3	77.8	78.0	77.4	76.7	79.7	85.8	76.7
" 12,	76.2	75.9	76.0	75.8	76.0	75.6	78.0	82.7	82.0	81.4	82.1	83.3	82.3	82.5	85.0	83.2	83.1	79.6	79.2	78.7	78.3	78.6	78.1	77.4	79.6	85.1	75.3
" 13,	76.5	76.3	76.2	76.0	76.1	75.8	78.9	80.9	83.8	82.5	82.9	83.9	82.5	81.6	81.9	80.8	80.2	79.0	78.8	78.7	78.4	78.6	77.8	77.3	79.4	83.9	75.5
" 14,	77.6	77.5	77.5	76.8	76.3	76.2	77.6	78.5	83.0	83.1	85.6	87.3	84.7	84.4	84.1	82.7	81.8	80.6	80.3	80.3	79.8	79.7	78.4	79.1	80.5	87.3	76.0
" 15,	78.9	78.0	77.6	76.8	77.0	77.0	78.8	81.1	82.8	85.0	86.1	87.0	86.2	85.9	84.2	84.4	83.3	81.5	80.7	80.5	79.8	79.3	79.0	79.9	81.3	87.0	76.8
" 16,	79.5	79.6	79.6	79.4	79.3	78.6	79.8	81.9	83.1	83.0	85.8	86.5	84.7	86.0	86.5	84.9	86.5	82.5	81.7	80.7	80.6	80.0	79.5	79.6	82.1	86.5	77.8
" 17,	79.4	79.5	79.6	79.8	79.7	79.9	81.2	82.3	84.5	86.2	88.3	89.0	91.0	90.1	90.9	91.0	87.4	85.8	84.2	84.3	86.5	84.6	83.5	83.1	84.7	92.1	78.9
" 18,	82.4	80.6	79.6	79.6	79.0	78.8	80.0	79.6	81.5	83.1	86.0	82.1	83.8	84.0	84.5	85.4	84.1	83.8	83.3	83.9	84.3	83.7	83.5	82.3	82.5	86.0	78.5
" 19,	82.1	81.2	80.0	80.1	80.6	80.7	80.6	78.6	80.0	78.8	78.8	78.3	77.6	76.8	77.5	75.9	80.0	81.0	81.0	81.1	81.1	81.0	80.5	80.7	79.7	82.6	75.9
" 20,	80.5	80.1	79.5	79.7	79.5	80.0	80.4	80.6	81.5	78.8	80.4	81.5	82.0	81.5	80.1	80.7	81.0	80.0	80.0	79.9	79.9	79.8	79.6	79.2	80.3	83.4	78.8
" 21,	78.6	78.7	78.6	78.7	78.3	77.9	79.4	81.5	84.8	86.2	85.7	84.5	85.9	85.6	84.9	83.8	82.0	81.5	80.1	79.8	79.5	79.2	79.6	78.6	81.4	86.2	77.8
" 22,	78.5	77.8	77.4	77.5	77.0	77.7	80.0	81.9	83.5	82.2	84.0	83.0	84.2	84.0	82.8	83.0	82.5	81.0	80.4	80.7	80.8	80.9	80.6	80.1	80.9	84.3	77.0
" 23,	79.5	79.2	78.9	78.7	79.2	78.7	78.5	79.5	79.7	82.0	81.7	82.4	82.5	82.0	82.0	82.0	81.4	79.9	79.8	79.7	79.8	80.0	80.0	79.7	80.3	82.6	78.5
" 24,	79.1	78.9	78.8	79.3	79.3	79.0	79.5	80.4	81.3	82.1	81.7	82.0	82.8	83.5	84.3	82.3	81.1	80.3	79.8	80.2	80.2	80.0	80.0	79.8	80.7	85.5	78.8
" 25,	79.6	79.6	79.5	79.4	79.4	79.5	81.0	82.6	82.8	82.7	83.3	84.3	83.7	82.3	82.0	82.1	80.9	79.8	79.1	79.0	78.5	78.4	78.7	78.7	80.7	84.3	78.4
" 26,	78.4	78.2	78.1	77.9	78.0	78.0	79.7	81.0	83.8	84.0	86.9	87.0	84.5	84.7	84.4	83.0	82.3	81.0	80.0	79.4	79.2	79.0	78.9	78.1	81.1	87.3	77.7
" 27,	77.9	77.9	77.7	77.7	78.0	77.8	79.6	80.3	82.0	83.1	86.2	87.5	86.0	87.2	86.2	85.8	82.9	82.1	81.2	81.1	80.2	79.7	79.6	78.6	81.5	88.2	77.7
" 28,	78.6	78.3	78.3	78.4	78.8	78.4	79.2	81.7	85.1	85.9	87.0	89.0	89.0	87.5	86.1	86.0	85.0	83.2	83.2	83.3	83.7	84.1	83.6	83.6	83.2	89.5	78.2
" 29,	83.6	83.4	83.4	83.1	83.0	83.7	83.0	85.5	87.2	89.7	90.2	88.5	82.2	90.0	88.2	85.3	81.5	79.8	80.7	81.0	80.5	80.6	79.7	80.0	83.9	91.9	79.7
" 30,	80.6	80.6	81.1	80.3	80.2	79.6	82.7	84.8	84.0	85.0	86.1	87.0	86.5	87.9	85.6	80.8	79.1	76.8	76.4	79.1	80.4	79.7	79.5	79.1	81.8	87.9	76.2
Means,	79.3	79.0	78.8	78.7	78.7	78.5	79.6	81.1	82.4	83.0	84.0	84.5	84.2	84.3	84.0	82.9	82.2	80.8	80.2	80.1	80.1	79.9	79.5	79.4	81.1	86.1	77.4

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION, FOR THE MONTH OF SEPTEMBER, 1911.

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, ...	76.3	77.0	77.3	77.1	76.9	76.0	75.7	76.6	75.6	77.4	77.0	77.4	77.0	78.1	77.8	77.8	77.5	76.7	76.6	79.0	77.4	78.1	76.9	76.5	77.1	136.0
" 2, ...	75.7	76.0	75.8	75.0	74.5	74.9	75.9	77.6	76.8	77.5	78.0	78.6	78.8	79.2	79.3	78.8	79.8	79.8	79.6	80.2	80.1	80.5	79.8	79.3	78.0	139.0
" 3, ...	79 3	79.7	79.8	79.6	79.3	76.4	76.0	78.3	74.6	75.6	76.8	77.1	76.4	76.5	76.6	75.7	77.2	76.3	76.4	76.3	76.6	77.8	76.8	77.6	77.2	90.0
" 4, ...	76.7	76.6	76.4	76.4	76.4	76.8	77.6	77.4	78.0	78.8	79.4	79.8	80.9	81.3	80.3	79.3	78.9	78.2	77.0	77.8	78.6	78.8	78.6	77.5	78.2	134.5
" 5, ...	77.5	77.3	77.3	77.5	77.6	75.8	74.8	75.8	76.9	76.8	78.0	78.1	78.8	78.8	79.1	76.9	75.9	75.6	76.8	76.0	77.3	75.8	74.8	74.8	76.8	140.4
" 6, ...	74.7	74.8	75.0	75.0	75.3	75.0	75.3	74.1	74.4	74.3	75.6	77.4	77.8	77.8	78.6	77.6	77.4	75.4	73.8	74.5	74.6	73.8	74.5	74.5	75.5	143.9
" 7, ...	74.6	75.3	74.5	73.7	72.8	72.8	73.8	74.0	73.8	75.0	74.5	74.3	76.0	75.0	74.8	74.8	75.9	74.8	74.8	73.9	74.5	74.8	74.7	74.7	74.5	134.4
" 8, ...	74.9	75.3	75.1	75.1	74.8	74.6	74.9	75.8	76.6	76.1	76.3	75.7	76.2	76.8	76.8	73.9	74.8	73.0	73.8	73.8	74.6	74.0	74.5	74.5	75.1	136.8
" 9, ...	74.6	74.5	74.5	74.5	74 6	74.8	75.4	76 6	75.7	74.8	74.4	75.3	75.6	75.8	76.3	76.0	75.6	75.6	74.7	74.8	75.7	75.6	75.5	75.5	75.3	114.1
" 10, ...	75.5	75.5	75.5	75.7	76.0	76.1	77.6	77.1	77.4	77.8	78.1	77.8	77.8	77.3	76.8	76.9	77.1	76.9	76.0	76.0	76.5	76.2	77.1	75.9	76.7	131.5
" 11, ...	76.9	76.3	76.4	76.9	76.4	76.4	77.0	77.3	76.8	77.8	77.8	79.4	76.8	76.4	75.5	75.5	75.2	75.0	75.2	75.4	75.1	75.8	75.3	75.0	76.3	132.6
" 12, ...	74.5	74.4	74.7	74.3	74.7	74.3	76.0	77.8	76.6	76.8	77.3	77.8	76.8	77.0	75 9	76.2	76.5	76.4	76.5	76.4	75.8	76.0	76.3	75.9	76.0	133.2
" 13, ...	74.7	75.1	74.8	74.6	74.5	74.5	76.8	77.3	77.5	75.6	75.8	77.0	76.7	76.1	76.2	75.8	76.3	75.8	76.0	75.8	76.3	76.2	75.5	75.0	75.8	135.0
" 14, ...	74.6	74.5	74.5	74.5	74.5	74.8	75.3	75.8	77.0	76.8	77.9	78.8	77.2	77.3	77.4	76.8	77.1	77.1	77.5	77.8	76.8	77.0	76.5	76.6	76.4	132.0
" 15, ...	76.7	76.3	76.2	75.5	75.5	75.8	76.7	78.1	75.1	77.4	78.1	78.3	77.8	77.2	76.6	77.8	76.8	76.2	76.8	76.6	76.8	75.8	77.2	75.9	76.7	139.0
" 16, ...	75.6	75.7	76.3	76.0	76.1	75.9	75.4	76.3	76.2	76.4	77.3	77.9	77.8	77.3	78.0	76.8	77.0	75.3	76.2	76.2	76.0	75.8	76.6	76.8	76.5	129.9
" 17, ...	76.6	76.7	76.5	76.6	77.2	77.0	77.0	77.3	77.9	78.8	79.4	79.4	78.8	78.3	77.8	78.2	78.8	79.1	77.6	75.0	73.2	73.5	73.5	73.3	77.0	141.0
" 18, ...	72.9	73.4	73.6	72.3	71.9	71.8	71.8	72.3	73.4	73.8	75.2	75.5	76.2	76.3	76.4	76.0	75.8	75.1	75.6	75.5	74.2	74.7	74.6	75.0	74.3	138.9
" 19, ...	74.6	74.8	74.5	74.4	74.8	74.6	74.5	74.3	74.6	74.3	74.6	75.0	75.1	74.8	75.3	73.7	77.0	76.7	76.2	76.5	75.8	76.8	76.5	76.1	75.2	110.0
" 20, ...	76.0	76.1	76.2	75.8	76.0	75.8	76.2	76.8	77.2	75.3	76.1	77.0	76.8	76.8	77.0	76.5	77.0	75.8	76.3	77.3	76.7	76.6	76.5	76.7	76.4	127.3
" 21, ...	76.5	76.5	76.5	76.1	75.9	75.8	75.8	77.0	78.6	78.3	77.8	78.3	78.3	77.8	76.6	77.0	76.7	77.4	77.0	77.0	77.5	77.1	77.5	76.7	77.1	132.0
" 22, ...	76.3	75.6	75.1	74.9	74.7	74.6	74.9	76.2	76.8	75.6	76.6	76.0	76.8	76.3	75.8	76.1	76.4	75.8	76.3	75.8	75.8	74.7	74.4	74.1	75.6	134.4
" 23, ...	74.2	74.0	74.8	75.1	75.6	75.5	74.9	74.9	74.8	74.6	74.4	74.4	74.8	74.8	74.1	74.9	75.0	74.7	75.0	74.8	74.9	74.8	75.0	75.3	74.8	129.9
" 24, ...	75.1	75.3	75.3	75.2	75.2	75.4	75.2	75.4	75.8	75.8	75.4	75.8	76.1	76.3	76.3	76.4	75.8	76.0	76.1	76.5	76.8	77.0	76.5	76.5	75.9	132.8
" 25, ...	76.5	76.3	76.0	75.5	75.2	75.3	75.3	75.9	76.7	76.8	76.7	77.0	76.8	76.1	76.3	75.8	75.7	74.8	75.1	75.0	75.3	75.2	75.7	75.6	75.9	135.2
" 26, ...	75.2	75.0	74.5	74.0	74.0	73.6	75.0	74.8	75.7	75.9	77.1	77.3	75.5	75.2	75.4	74.0	75.5	75.0	74.8	74.1	74.6	75.5	75.9	75.6	75.1	136.4
" 27, ...	75.1	75.2	75.4	75.4	75.8	75.7	76.1	76.3	76 6	76.9	78.3	78.4	78.4	79.3	78.3	78.8	77.9	75.6	75.9	75.7	75.7	75.4	76.2	75.5	76.6	135.1
" 28, ...	76.0	76.3	76.2	76.3	76.5	76.3	76.6	76.8	73.9	74.1	74.8	76.8	76.6	75.9	75.4	73.4	73.3	73.8	73.4	72.9	73.3	73.6	74.4	74.4	75.0	134.4
" 29, ...	74.4	74.1	73.5	73.3	73.4	73.4	73.0	74.5	75.4	74.8	74.3	74.8	74.0	75.7	75.2	75.6	76.1	74.9	72.8	72.8	72.0	72.1	71.5	72.0	73.9	138.6
" 30, ...	71.5	71.3	72.3	71.8	72.5	72.2	72.5	73.4	74.1	74.9	74.8	75.4	75.8	76.0	74.1	76.3	76.2	74.3	73.1	72.6	72.9	72.9	75.6	74.8	73.8	124.8
Means, ...	75.5	75.5	75.5	75.3	75.3	75.1	75.4	76.1	76.0	76.2	76.6	77.1	76.9	76.9	76.7	76.3	76.5	75.9	75.8	75.7	75.7	75.7	75.8	75.6	76.0	131.8

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR, FOR THE MONTH OF SEPTEMBER, 1911.

Hours.	Hourly Means.		Date.	Daily Means.	
	Humidity.	Tension.		Humidity.	Tension.
			1911.		
1 a.	83	0.833	Sept. 1,.....	67	0.820
2 „	84	.837	„ 2,.....	71	.862
3 „	85	.839	„ 3,.....	91	.907
4 „	85	.832	„ 4,.....	89	.932
5 „	85	.832	„ 5,.....	81	.862
6 „	84	.826	„ 6,.....	78	.816
7 „	81	.825	„ 7,.....	80	.794
8 „	78	.834	„ 8,.....	86	.832
9 „	73	.812	„ 9,.....	91	.852
10 „	72	.813	„ 10,.....	88	.883
11 „	70	.817	„ 11,.....	85	.862
Noon.	70	.832	„ 12,.....	84	.851
1 p.	71	.827	„ 13,.....	84	.845
2 „	70	.826	„ 14,.....	82	.856
3 „	70	.821	„ 15,.....	80	.858
4 „	73	.819	„ 16,.....	77	.839
5 „	76	.837	„ 17,.....	69	.825
6 „	78	.829	„ 18,.....	66	.739
7 „	80	.834	„ 19,.....	80	.815
8 „	80	.831	„ 20,.....	83	.858
9 „	80	.831	„ 21,.....	82	.874
10 „	81	.833	„ 22,.....	77	.815
11 „	84	.844	„ 23,.....	76	.789
Midt.	83	.836	„ 24,.....	79	.831
			„ 25,.....	79	.831
			„ 26,.....	74	.792
			„ 27,.....	79	.850
			„ 28,.....	66	.759
			„ 29,.....	60	.703
			„ 30,.....	67	.727
Mean, ...	78	0.829	Means,.....	78	0.829

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.
1911.														
Sept 1,.....	...	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.2	...	...	8.9
„ 2,.....	...	...	...	...	...	0.1	0.4	...	...	...	...	...	...	0.5
„ 3,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 4,.....	...	...	...	...	...	0.1	0.7	1.0	1.0	0.8	...	...	...	3.1
„ 5,.....	...	0.2	0.6	0.9	0.5	1.0	1.0	1.0	0.9	1.0	1.0	1.0	0.2	9.3
„ 6,.....	...	0.2	0.3	0.1	1.0	0.8	0.7	0.7	0.9	1.0	1.0	..	...	6.7
„ 7,.....	...	...	0.1	0.7	1.0	0.3	...	0.7	1.0	0.9	0.6	0.5	...	5.8
„ 8,.....	...	...	0.6	0.5	0.2	...	0.5	0.5	0.3	0.9	0.7	0.1	0.1	4.4
„ 9,.....	...	0.4	1.0	0.3	...	...	...	...	...	...	0.1	...	...	1.8
„ 10,.....	...	0.6	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	10.6
„ 11,.....	...	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
„ 12,.....	...	0.8	1.0	1.0	0.9	1.0	1.0	0.7	1.0	1.0	1.0	1.0	...	10.4
„ 13,.....	...	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.9	1.0	0.8	...	10.2
„ 14,.....	...	0.1	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	9.9
„ 15,.....	...	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	10.3
„ 16,.....	...	0.1	0.9	1.0	1.0	1.0	0.8	0.8	1.0	1.0	0.9	1.0	0.1	9.6
„ 17,.....	...	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	1.0	0.3	...	10.0
„ 18,.....	...	0.4	0.2	0.4	0.1	0.9	...	0.6	0.2	0.3	0.4	...	...	3.5
„ 19,.....	...	...	...	...	...	...	...	...	0.2	...	...	...	...	0.2
„ 20,.....	...	0.1	0.6	1.0	0.9	0.7	1.0	0.6	0.3	0.2	0.5	0.3	...	6.2
„ 21,.....	...	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	...	10.3
„ 22,.....	...	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	...	10.8
„ 23,.....	...	...	0.2	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	...	8.4
„ 24,.....	...	0.1	0.8	0.6	1.0	0.7	1.0	1.0	1.0	1.0	1.0	0.4	...	8.6
„ 25,.....	...	0.5	1.0	0.9	0.8	1.0	1.0	1.0	1.0	0.9	1.0	0.7	...	9.8
„ 26,.....	...	0.5	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	...	10.1
„ 27,.....	...	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	...	9.4
„ 28,.....	...	...	0.1	0.3	0.7	0.2	0.4	0.2	...	...	...	...	...	1.9
„ 29,.....	...	..	1.0	1.0	1.0	1.0	0.7	0.2	0.9	0.6	0.5	...	...	6.9
„ 30,.....	...	0.6	0.7	0.2	0.2	0.1	...	...	0.7	0.2	0.3	...	...	3.0
Sums,.....		9.2	19.3	20.1	21.3	20.9	21.2	21.0	22.0	20.7	20.2	14.0	1·1	211.0

TABLE VI.

RAINFALL FOR THE MONTH OF SEPTEMBER, 1911.

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,	...	...	0.010	0.065	0.300	0.025	0.010	0.120	1.350	0.350	0.100	0.090	0.070	0.050	...	...	...	...	...	...	0.010	0.050	..	0.010	2.640	13
„ 4,	0.130	0.140	0.130	0.010	...	...	0.010	...	...	...	...	...	...	...	0.190	0.400	...	...	0.060	0.015	0.005	0.065	0.190	0.020	1.365	9
„ 5,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.060	...	...	...	...	0.005	0.065	1
„ 6,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.310	0.025	...	0.220	0.020	...	...	...	0.575	1
„ 7,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 8,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...
„ 9,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 10,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 11,	...	...	...	...	0.070	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.070	...
„ 12,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 13,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 14,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 15,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 16,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 17,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 18,	...	...	...	...	...	...	...	...	...	...	...	0.010	...	...	...	...	...	...	0.010	...	...	...	...	...	0.020	1
„ 19,	...	...	0.090	...	...	...	...	0.030	0.070	0.065	0.185	0.075	0.090	0.025	0.020	0.325	...	...	...	...	...	...	...	...	0.975	6
„ 20,	0.045	...	...	0.005	...	...	...	...	...	0.085	0.015	...	...	0.025	...	...	0.005	...	...	...	...	...	...	...	0·180	1
„ 21,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 22,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 23,	...	...	...	...	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	...
„ 24,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 25,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 26,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 27,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 28,	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 29,	...	...	...	...	...	...	...	...	...	...	...	...	0.005	...	...	0.010	0.025	...	...	...	...	...	...	...	0.040	1
„ 30,	...	...	...	...	...	...	...	...	...	...	...	...	...		...	0.035	0.040	0.200	...	0.005	...	...	...	...	0.280	1
Sums,	0.175	0.140	0.260	0.080	0.370	0.030	0.020	0.150	1.420	0.500	0.300	0.175	0.165	0.100	0.210	0.770	0.380	0.225	0.130	0.240	0.035	0.115	0.190	0.035	6.215	34

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND, FOR THE MONTH OF SEPTEMBER, 1911.

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,	27	9	27	14	26	9	26	10	26	13	27	12	25	12	27	11	27	17	26	22	23	18	23	17	25	16	25	16	25	14	25	13	24	12	23	12	21	13	22	15	22	15	26	10	26	12	26	15	327	13.6	25
" 2,	27	15	25	14	23	11	23	12	23	9	23	8	21	15	21	16	23	10	20	13	21	16	21	18	23	15	20	20	20	18	19	17	19	15	20	15	20	17	19	18	20	18	20	17	21	17	19	16	360	15.0	21
" 3,	20	20	20	27	20	26	20	30	21	26	23	14	20	6	27	9	29	20	28	17	24	13	26	9	26	8	23	8	19	17	22	12	20	11	22	16	20	12	23	7	20	8	23	11	18	10	21	15	352	14.7	22
" 4,	25	18	23	15	25	7	23	6	24	7	26	8	21	13	22	11	23	11	22	18	20	18	20	19	20	21	19	23	19	24	20	23	19	19	20	11	22	10	24	7	24	5	22	4	2	2	6	6	309	12.9	21
" 5,	...	1	...	1	...	1	28	4	25	10	27	10	27	9	27	9	28	6	20	8	23	9	22	10	24	11	22	15	23	12	22	11	22	10	23	8	32	9	14	3	...	1	2	7	32	14	2	6	185	7.7	25
" 6,	23	5	29	3	24	5	27	2	22	3	24	3	29	3	32	9	1	9	2	10	1	6	23	6	25	9	26	10	24	8	23	10	28	10	8	12	16	9	11	8	6	2	...	1	13	2	19	3	148	6.2	28
" 7,	23	2	...	0	...	1	...	1	29	2	...	1	...	1	...	1	...	1	9	10	10	9	9	9	10	11	10	11	9	16	9	9	32	3	7	4	6	4	...	1	12	5	11	4	...	1	3	2	109	4.5	9
" 8,	7	2	...	1	7	2	8	5	8	7	10	9	10	3	10	4	10	8	10	14	10	12	10	15	8	16	8	17	8	12	8	12	9	12	9	14	9	11	9	9	9	2	...	1	9	3	9	2	193	8.0	9
" 9,	9	3	...	1	9	2	15	2	15	2	15	2	...	1	10	6	9	15	8	16	8	15	8	14	8	15	8	12	7	6	9	7	8	12	9	10	9	6	9	8	9	4	11	8	9	10	9	9	186	7.7	9
" 10,	9	9	9	6	8	4	8	6	8	4	8	2	8	3	8	7	8	9	9	12	9	11	9	15	10	15	10	16	9	16	10	17	10	14	10	9	10	9	10	8	10	5	10	8	10	13	9	9	227	9.5	9
" 11,	11	2	11	3	11	3	15	2	...	1	13	5	10	9	9	13	9	8	8	12	8	12	9	15	8	15	8	17	8	15	8	11	9	10	9	8	9	5	9	2	9	3	9	2	...	0	...	0	173	7.2	9
" 12,	...	0	...	0	...	1	...	1	...	1	...	0	...	1	9	5	9	6	9	11	9	10	9	10	9	12	8	11	16	6	13	6	16	5	10	4	10	5	10	3	10	3	10	2	...	1	...	0	104	4.3	10
" 13,	..	1	...	0	...	0	...	1	...	1	...	0	...	1	8	7	8	8	9	15	9	12	9	13	8	15	9	15	9	12	8	13	9	12	9	13	9	13	9	10	9	6	11	6	11	5	11	3	182	7.6	9
" 14,	...	0	...	1	...	0	...	1	...	0	11	2	10	2	...	1	9	7	10	11	10	10	11	11	10	15	9	14	10	12	10	15	9	13	9	11	10	8	10	4	10	5	10	3	10	3	10	3	152	6.3	10
" 15,	...	0	...	0	...	0	...	0	...	0	..	0	...	0	10	2	10	2	10	3	27	6	23	4	11	8	9	5	9	9	14	7	10	8	11	8	11	9	11	7	11	4	11	5	11	7	8	13	107	4.5	10
" 16,	8	9	8	6	8	6	...	1	...	1	...	1	11	4	9	6	10	6	24	7	24	7	18	5	20	4	22	7	22	8	23	7	22	6	24	3	25	2	23	2	...	0	23	3	25	3	28	5	109	4.5	21
" 17,	28	4	28	4	24	4	24	3	24	8	23	7	24	8	25	8	28	10	25	11	30	7	30	7	30	13	31	13	31	13	31	14	28	9	29	10	28	5	32	8	32	18	32	13	32	12	1	15	224	9.3	29
" 18,	2	10	2	6	2	10	1	13	32	7	2	10	1	19	32	22	32	17	32	15	2	11	32	10	32	14	2	16	2	15	2	17	1	20	2	15	2	19	4	22	5	27	6	35	6	39	6	40	429	17.9	3
" 19,	6	35	6	43	6	41	6	40	6	42	6	44	6	43	6	43	6	40	5	43	6	39	5	37	6	36	6	26	6	25	7	34	7	36	8	39	7	39	7	38	8	40	7	36	7	36	7	43	918	38.2	6
" 20,	8	40	8	40	8	36	11	33	9	34	8	30	8	32	7	30	7	26	8	33	8	25	7	24	7	27	7	26	7	26	8	27	8	23	8	23	8	17	9	17	8	13	8	14	8	13	8	11	620	25.8	8
" 21,	8	6	7	10	7	7	7	9	7	8	8	3	5	11	6	11	8	11	10	14	10	10	11	11	11	11	11	13	13	11	9	12	8	11	9	8	11	5	11	3	12	7	9	5	9	6	10	4	207	8.6	9
" 22,	10	7	10	3	10	4	...	0	6	3	7	6	8	8	8	14	8	14	7	17	7	17	8	17	8	12	7	13	10	12	10	12	10	16	10	11	8	14	8	19	7	20	7	25	7	31	8	31	326	13.6	8
" 23,	7	28	6	23	7	25	7	21	7	19	7	16	5	16	6	19	6	19	7	24	7	22	7	19	9	23	9	23	10	22	10	21	9	20	8	23	8	14	8	13	8	16	8	16	8	16	8	16	474	19.8	8
" 24,	7	14	7	18	8	17	7	19	6	16	6	14	7	16	6	17	7	21	8	23	8	23	8	23	8	23	7	15	9	16	10	18	10	16	9	14	11	10	9	12	9	12	8	10	10	13	8	11	391	16.3	8
" 25,	8	12	7	11	8	13	7	11	7	13	8	14	7	14	8	15	8	18	7	17	8	16	9	19	11	18	10	18	10	16	10	14	11	9	11	8	11	5	11	3	...	1	...	1	11	2	7	7	275	11.5	9
" 26,	6	8	6	9	5	10	3	7	4	6	6	7	6	3	5	6	8	12	9	13	10	12	11	11	8	15	9	15	10	15	9	10	9	10	9	2	9	5	9	4	9	7	9	6	9	2	...	0	195	8.1	8
" 27,	...	1	11	3	...	1	...	1	...	1	...	0	...	1	23	3	26	7	25	10	23	10	22	11	23	10	22	8	24	5	12	9	15	10	15	7	15	4	...	1	..	0	...	1	...	0	...	0	104	4.3	21
" 28,	...	0	...	0	19	2	...	1	...	1	...	0	...	0	23	6	1	12	1	16	32	13	32	15	31	12	31	15	31	11	32	5	30	6	2	10	1	16	2	9	4	7	1	10	31	15	31	14	196	8.2	32
" 29,	31	5	32	9	32	7	1	7	1	7	30	7	30	3	1	13	32	14	32	19	32	20	32	21	31	13	32	14	1	12	9	18	8	10	13	8	1	18	1	21	32	15	32	16	32	14	32	16	307	12.8	1
" 30,	1	14	1	14	32	16	32	13	31	12	32	16	31	15	36	16	31	16	32	19	31	22	1	24	31	16	31	15	1	13	8	24	8	21	1	12	31	11	2	9	1	15	31	8	27	6	28	4	351	14.6	1
Sums,	...	280	...	285	...	271	...	262	...	264	...	251	...	272	...	340	...	380	...	473	...	431	...	439	...	452	...	447	...	417	...	425	...	389	...	348	...	324	...	291	...	284	...	288	...	308	...	319	8240	343.3	...
Means,	...	9.3	...	9.5	...	9.0	...	8.7	...	8.8	...	8.4	...	9.1	...	11.3	...	12.7	...	15.8	...	14.4	...	14.6	...	15.1	...	14.9	...	13.9	...	14.2	...	13.0	...	11.6	...	10.8	...	9.7	...	9.5	...	9.6	...	10.3	...	10.6	2747	11.4	...

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
1911.												
Sept. 1, ...	2	c-str.	...	0	...	...	7	c-str. / cum.	ESE	7	c-str.	ENE
„ 2, ...	10	cum.	...	10	cum.	...	10	sm-cum.	WNW	10	sm-cum. / cum.	NW / W
„ 3, ...	10	cum-nim.	WSW	10	nim.	WSW	10	nim.	W	10	nim.	W
„ 4, ...	10	nim.	WSW	10	nim.	WSW	10	nim.	WSW	10	sm-cum. / cum.	WSW
„ 5, ...	10	cum-nim.	W	10	cum.	...	7	c-str. / cum.	WNW / ..	7	c-str. / sm-cum. / cum.	.. / W / ..
„ 6, ...	8	c-str. / cum.	W	10	cum.	...	8	sm-cum.	W	8	sm-cum.	WSW
„ 7, ...	10	sm-cum.	W	4	sm-cum.	WSW	10	nim.	NNE	7	sm cum. / cum.	SSW / ..
„ 8, ...	10	sm-cum. / cum.	W / ..	8	sm-cum. / cum.	WSW / SE	10	cum.	...	9	c-str / cum. / nim.	.. / SE / ESE
„ 9, ...	9	sm-cum. / cum.	SSW / ..	2	sm-cum. / cum.	...	6	cum.	S	9	c-str. / nim.	E
„ 10, ...	1	cum.	...	1	cum.	...	3	cum.	ESE	5	cum.	ESE
„ 11, ...	7	cum.	ESE	4	cum.	ESE	5	cum.	ESE	6	cum.	SE
„ 12, ...	1	c-str.	...	0	...	...	3	c-str. / cum.	SE	5	cum.	SE
„ 13, ...	4	c-str. / cum.	SE	5	c-str. / cum.	SE	3	c-str. / cum.	SE	6	c-str. / cum.	ENE / SE
„ 14, ...	9	cum.	ESE	7	cum.	ESE	8	cum.	SE	6	cum.	ESE
„ 15, ...	1	cum.	...	2	cum.	...	2	c-str.	...	2	cum.	E
„ 16, ...	3	cum.	E	4	cum.	E	9	sm-cum. / cum.	ESE / NE	2	cum.	NE
„ 17, ...	4	c-str.	...	9	cum.	NE	4	c-cum. / cum.	NNE	4	c-str. / cum.	NNE
„ 18, ...	1	cum.	...	2	c-str. / cum.	...	6	c-str. / cum.	ENE	8	sm-cum.	ENE
„ 19, ...	10	cum-nim.	ENE	10	cum-nim.	ENE	10	cum.	E	10	nim.	E
„ 20, ...	10	nim.	SE	5	cum.	SE	9	cum.	ESE	10	nim.	E
„ 21, ...	0	...	...	2	cum.	...	4	cum.	E	5	cum.	E
„ 22, ..	0	...	...	0	...	...	3	cum.	E	4	cum.	E
„ 23, ...	3	cum.	E	5	cum.	SE	9	cum.	E	4	cum.	E
„ 24, ...	2	cum.	...	3	cum.	E	8	cum.	E	7	cum.	E
„ 25, ...	2	cum.	...	5	cum.	E	6	c-str. / cum.	E	8	c-str. / cum.	E
„ 26, ...	0	...	...	3	cum.	...	3	cum.	E	6	cum.	ENE
„ 27, ...	0	...	...	5	cum.	NE	8	cum.	NE	4	cum.	NE
„ 28, ...	0	...	...	0	...	...	4	sm-cum.	E	9	c-str. / sm-cum.	E
„ 29, ...	10	cum.	...	10	str-cum.	...	9	sm-cum.	ENE	7	c-str. / cum.	E
„ 30, ...	4	cum.	...	4	cum.	...	9	sm-cum. / cum.	ENE / NE	10	sm-cum. / cum.	ENE / NE
.....	...	...	...	...	...	...	...	...	...	...	...	...
Means,...	5.0	...	...	5.0	...	...	6.8	...	...	6.8	...	...

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	
1911.													
Sept. 1,...	8	c-str. / cum.	NW	10	c-str. / cum.	...	10	sm-cum.	...	10	cum.	...	6.7
„ 2,...	10	sm-cum. / cum.	W / ..	10	sm-cum. / cum.	WSW	10	cum.	WSW	10	nim.	WSW	10.0
„ 3,...	10	nim.	W	10	cum.	W	10	cum.	W	10	nim.	W	10.0
„ 4,...	8	sm-cum. / cum.	W	10	cum-nim.	W	10	cum-nim.	W	10	nim.	W	9.8
„ 5,...	7	c-str. / cum.	WSW	8	sm-cum. / cum. / cum-str.	W / WSW / ..	10	nim.	N	10	nim.	N	8.6
„ 6,...	8	sm-cum. / cum.	WSW / ..	8	sm-cum. / cum.	WSW / NNE	10	cum.	N	7	sm-cum. / cum.	WSW / ..	8.4
„ 7,...	9	c-str. / cum.	N	6	c-cum. / sm-cum. / cum.	W / N	3	c-str. / cum.	...	2	cum.	...	6.4
„ 8,...	9	c-cum. / cum.	SSW	6	c-str. / cum.	SW	5	c-str. / sm-cum. / cum.	SW	5	sm-cum. / cum.	SSW / ..	7.7
„ 9,...	10	cum.	ESE	9	cum.	ESE	6	sm-cum. / cum.	SSE	3	sm-cum. / cum.	SSW / ..	6.8
„ 10,...	4	cum.	ESE	1	cum.	...	1	cum.	...	7	cum.	ESE	2.9
„ 11,...	2	cum.	...	1	cum.	...	1	c-str.	...	2	c-str.	...	3.5
„ 12,...	6	cum.	SE	4	cum.	SE	2	c-str.	...	1	c-str.	...	2.8
„ 13,...	6	c-str. / cum.	SSE	5	c-str. / cum.	E / SSE	1	c-str.	...	1	cum.	...	3.9
„ 14,...	3	c-str. / cum.	ESE	2	cum.	ESE	2	cum.	ESE	1	cum.	...	4.7
„ 15,...	6	cum.	NE	4	c-str. / cum.	ENE	2	cum.	...	0	...	...	2.4
„ 16,...	5	cum.	NNW	6	cum.	N	2	c-str.	...	0	...	...	3.9
„ 17,...	7	cum.	N	6	c-str. / cum.	N	3	cum.	NNE	1	cum.	...	4.7
„ 18,...	9	sm-cum. / cum.	ENE	9	sm-cum. / cum.	ENE / ENE	10	nim.	ENE	8	cum.	ENE	6.6
„ 19,...	10	nim.	E	10	nim.	E	10	cum.	SE	9	cum.	SSE	9.9
„ 20,...	10	nim.	SE	9	cum.	SE	7	cum.	ESE	3	cum.	ESE	7.9
„ 21,...	4	cum.	E	1	cum.	...	0	...	...	0	...	...	2.0
„ 22,...	4	cum.	E	2	c-str. / cum.	E	5	cum.	E	2	cum.	E	2.5
„ 23,...	2	cum.	E	0	...	...	0	...	...	1	cum.	...	3.0
„ 24,...	7	cum.	E	4	c-str. / cum.	E	4	cum.	E	4	cum.	ESE	4.9
„ 25,...	6	c-str. / cum.	E	5	c-str. / cum.	SSW / E	2	cum.	...	0	...	...	4.3
„ 26,...	2	cum.	E	1	cum.	...	0	...	...	0	...	...	1.9
„ 27,...	4	cum.	NNE	5	cum.	N	1	cum.	...	0	...	...	3.4
„ 28,...	10	sm-cum.	E	10	str-cum.	NE	10	str-cum.	NE	6	cum.	NE	6.1
„ 29,...	9	sm-cum. / cum.	NE	9	cum.	NE	9	sm-cum. / cum.	ENE / NE	5	cum.	...	8.5
„ 30,...	9	sm-cum. / cum.	NE / NNE	10	nim.	N	10	nim.	N	9	cum.	N	8.1
.....	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,...	6.8	...	...	6.0	...	...	5.2	...	...	4.2	...	...	5.7

TABLE IX.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR THE MONTH OF SEPTEMBER, 1911.

Hours.	Components (miles per hour).						Direction.
	N	E	S	W	+N −S	+E −W	
1 a.	2.4	5.9	0.7	2.1	+ 1.7	+ 3.8	E 24° N
2 „	2.7	5.7	0.9	2.2	1.8	3.6	E 26° N
3 „	2.1	5.6	0.9	1.8	1.3	3.8	E 18° N
4 „	2.5	4.8	1.5	1.9	0.9	2.9	E 18° N
5 „	2.4	4.9	0.9	2.5	1.5	2.4	E 32° N
6 „	2.5	4.9	0.5	2.0	2.0	2.9	E 34° N
7 „	2.8	5.3	0.9	2.0	1.9	3.3	E 31° N
8 „	4.0	6.7	0.8	2.3	3.2	4.4	E 36° N
9 „	4.6	7.6	0.6	2.2	4.1	5.4	E 37° N
10 „	4.6	9.5	1.6	3.1	2.9	6.4	E 24° N
11 „	3.4	8.4	1.9	3.2	1.5	5.2	E 16° N
Noon.	3.6	8.5	2.7	2.9	0.9	5.6	E 9° N
1 p.	3.1	9.1	2.2	3.4	0.9	5.8	E 9° N
2 „	3.3	8.9	2.8	3.2	+ 0.5	5.7	E 5° N
3 „	2.7	8.1	3.6	2.9	− 0.8	5.2	E 9° S
4 „	1.5	9.5	3.6	2.6	2.1	6.9	E 17° S
5 „	1.6	8.4	3.2	2.3	1.6	6.1	E 15° S
6 „	1.5	7.8	2.6	2.1	− 1.1	5.7	E 11° S
7 „	2.9	6.4	2.4	1.6	+ 0.5	4.8	E 6° N
8 „	2.3	6.3	1.8	1.3	0.4	5.0	E 5° N
9 „	2.4	6.0	1.6	1.3	0.9	4.7	E 10° N
10 „	2.7	6.0	1.2	1.4	1.5	4.7	E 18° N
11 „	3.1	6.4	1.4	1.3	1.7	5.1	E 19° N
Midt.	3.1	7.0	1.1	1.6	+ 2.0	+ 5.4	E 20° N
Means,.....	2.8	7.0	1.7	2.2	+ 1.10	+ 4.78	E 13° N

PHENOMENA :—

Solar halo :—on the 1st, 5th, 7th, 13th, and 29th.

Lunar Corona :—on the 7th.

Slight fog :—on the 27th. and 28th.

Haze :—on the 7th,

Dew :—on the 7th, 8th, 9th, 10th, 11th, 12th, 13th, 14th, 15th, 21st, and 22nd.

Rainbow :—on the 5th, and 30th.

Lightning without thunder :—on the 7th, 10th, 17th, 18th, 19th, 21st, 22nd, 23rd, 24, and 29th.

Thunder without lightning :—on the 6th.

Thunderstorms—on the 3rd. 3.15 a—6.45 a, NNW—SSE, nearest at 4.8 a (3^s) ; 8. 8 a—9.45 a, N—S, nearest at 8.49 a (11^s) ; 4th. 2.10 a—2.20 a, in W, distant ; 3.20 p—4.35 p, NNW—SSE, nearest at 3.27 p (8^s) ; 8.40 p —10.15 p, in NE, distant; 11.15 p—11.30 p, in NNE, distant ; 5th. 6.20 p—7.15 p, in NE, distant 30th. 5.50 p—6.15 p, in WNW, distant.

TABLE I.

BAROMETRIC PRESSURE, FOR THE MONTH OF OCTOBER, 1911.

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,...	29.424	29.406	29.396	29.374	29.374	29.376	29.376	29.376	29.390	29.384	29.362	29.345	29.309	29.287	29.257	29.251	29.251	29.257	29.269	29.287	29.281	29.277	29.263	29.279	29.327
„ 2,...	.275	.281	.309	.329	.365	.389	.421	.453	.483	.512	.525	.529	.527	.514	.519	.539	.559	.580	.608	.634	.654	.670	.674	.674	.501
„ 3,...	.658	.660	.658	.664	.678	.708	.733	.756	.772	.782	.777	.755	.739	.727	.709	.707	.709	.717	.727	.751	.763	.767	.763	.755	.726
„ 4,...	.748	.743	.739	.743	.748	.767	.779	.801	.813	.817	.811	.787	.775	.757	.759	.762	.771	.781	.797	.823	.850	.847	.857	.852	.789
„ 5,...	.831	.825	.821	.815	.825	.849	.865	.893	.913	.921	.919	.905	.888	.869	.862	.859	.867	.874	.885	.913	.927	.929	.923	.923	.879
„ 6,...	.901	.887	.881	.877	.895	.902	.923	.941	.968	.967	.959	.939	.923	.907	.893	.889	.893	.895	.900	.927	.943	.945	.943	.937	.918
„ 7,...	.923	.919	.907	.891	.901	.913	.933	.947	.967	.963	.947	.919	.895	.881	.871	.869	.879	.883	.899	.923	.935	.935	.934	.933	.915
„ 8,...	.927	.917	.909	.909	.925	.937	.953	.967	.978	.979	.968	.943	.923	.905	.905	.907	.915	.925	.949	.967	.985	.995	.995	.995	.945
„ 9,...	.989	.987	.983	.981	.995	.995	30.008	30.019	30.035	30.035	30.021	30.002	.978	.962	.956	.962	.964	.974	.994	30.011	30.012	30.010	30.010	.998	.995
„ 10,...	.990	.976	.972	.982	.986	.998	.012	.032	.042	.037	.022	.004	.980	.966	.956	.959	.950	.953	.965	29.982	29.984	29.990	29.976	.970	.987
„ 11,...	.948	.928	.926	.912	.922	.932	29.946	29.966	29.978	29.974	29.958	29.939	.921	.891	.880	.880	.877	.885	.903	.905	.921	.926	.920	.911	.923
„ 12,...	.903	.891	.877	.879	.885	.901	.917	.938	.951	.953	.937	.921	.896	.878	.881	.887	.895	.911	.925	.951	.966	.967	.963	.967	.918
„ 13,...	.961	.950	.941	.939	.945	.951	.971	.993	30.003	30.011	30.006	.998	.976	.956	.952	.958	.964	.974	.987	.998	30.000	30.002	.988	.984	.975
„ 14,...	.974	.968	.955	.950	.968	.978	.992	30.008	.024	.028	.012	.988	.966	.958	.940	.936	.946	.965	.970	.984	29.988	29.986	.990	.980	.977
„ 15,...	.968	.958	.940	.942	.950	.958	.974	29.988	.018	.016	29.998	.972	.952	.938	.928	.928	.934	.950	.970	.990	.996	.994	.992	.982	.968
„ 16,...	.980	.980	.976	.972	.986	.996	30.014	30.030	.034	.030	30.016	.998	.972	.954	.944	.954	.956	.966	.987	30.010	30.023	30.026	30.028	30.030	.994
„ 17,...	30.024	30.018	30.016	30.019	30.030	30.052	.064	.076	.092	.090	.070	30.051	30.021	30.005	.997	.999	30.005	30.023	30.045	.071	.079	.081	.076	.067	30.045
„ 18,...	.061	.057	.057	.053	.057	.075	.089	.107	.111	.115	.101	.078	.053	.039	30.033	30.041	.047	.061	.079	.097	.109	.111	.099	.087	.076
„ 19,...	.078	.068	.055	.051	.059	.068	.077	.095	.109	.106	.087	.066	.032	.004	29.998	.002	.004	.016	.034	.064	.071	.072	.064	.058	.056
„ 20,...	.036	.027	.020	.020	.026	.041	.052	.072	.080	.082	.064	.044	.022	.002	.988	29.988	29.990	.006	.029	.054	.064	.066	.060	.054	.037
„ 21,...	.046	.044	.030	.024	.022	.040	.054	.062	.078	.074	.060	.038	.004	29.976	.970	.978	.986	29.994	.022	.032	.038	.048	.046	.040	.029
„ 22,...	.036	.032	.017	.016	.018	.030	.042	.053	.055	.046	.032	.016	29.996	.984	.969	.964	.970	.972	29.988	.004	.012	.012	.010	.000	.011
„ 23,...	29.990	29.982	29.979	29.976	29.984	29.998	.019	.020	.028	.024	.004	29.976	.944	.930	.919	.919	.922	.926	.948	29.964	29.974	29.982	29.982	29.976	29.974
„ 24,...	.976	.962	.952	.942	.942	.952	29.962	29.970	29.984	29.986	29.962	.942	.910	.888	.876	.872	.884	.886	.894	.922	.932	.946	.938	.930	.934
„ 25,...	.916	.904	.892	.884	.886	.904	.908	.928	.942	.946	.938	.912	.884	.864	.858	.854	.852	.860	.866	.886	.893	.904	.906	.904	.895
„ 26,...	.886	.866	.862	.860	.866	.890	.904	.910	.930	.932	.920	.903	.882	.860	.862	.864	.870	.884	.898	.922	.948	.948	.926	.912	.896
„ 27,...	.910	.894	.902	.895	.908	.926	.936	.966	.977	.974	.964	.959	.937	.915	.913	.913	.921	.935	.951	.969	.983	.983	.987	.983	.942
„ 28,...	.975	.975	.977	981	30.001	30.023	30.035	30.051	30.065	30.061	30.055	30.039	30.013	30.001	.999	30.000	30.003	30.011	30.027	30.043	30.047	30.043	30.037	30.021	30.020
„ 29,...	30.013	30.009	30.007	30.009	.021	.047	.063	.067	.073	.065	.057	.043	.019	29.995	.983	29.985	29.983	29.983	29.989	29.993	.005	.005	.001	29.995	.017
„ 30,...	29.989	29.981	29.981	29.975	29.983	29.993	.009	.023	.037	.035	.017	29.995	29.963	.943	.937	.931	.937	.945	.955	.967	29.971	29.975	29.965	.949	29.977
„ 31,...	.925	.915	.901	.900	.905	.925	29.941	29.953	29.981	29.967	29.957	.937	.910	.886	.880	.892	.894	.904	.924	.942	.950	.955	.953	.948	.927
Means,.....	29.912	29.904	29.898	29.896	29.905	29.920	29.935	29.950	29.965	29.965	29.952	29.934	29.910	29.892	29.884	29.885	29.890	29.900	29.916	29.935	29.945	29.948	29.944	29.939	29.922

TABLE II.

TEMPERATURE, FOR THE MONTH OF OCTOBER, 1911.

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,	78.2	77.5	78.0	77.5	78.7	79.8	80.7	82.1	81.5	82.3	83.3	85.2	84.2	84.0	85.0	85.3	84.3	84.5	84.1	83.7	83.4	82.1	82.0	80.0	82.0	85.5	76.8
" 2,	78.7	78.7	77.2	76.2	75.8	75.0	74.0	74.0	74.1	74.9	75.7	75.3	75.0	74.8	75.0	75.8	75.6	75.6	75.0	74.8	75.6	77.4	79.4	79.8	76.0	79.8	73.8
" 3,	80.7	80.7	79.9	80.5	80.0	80.2	79.9	80.0	81.6	83.2	84.5	83.0	83.1	84.0	84.6	82.5	81.0	79.7	79.4	79.0	77.7	78.4	77.8	77.9	80.8	84.6	77.6
" 4,	77.2	77.4	77.5	77.2	77.5	77.1	78.7	80.3	81.3	82.2	84.0	83.5	84.8	83.0	80.6	78.6	78.3	78.7	78.2	78.2	76.6	76.7	74.8	73.8	79.0	84.8	73.8
" 5,	74.5	74.8	74.7	74.7	74.7	75.8	75.9	76.3	75.8	76.8	78.5	78.4	80.0	78.8	79.0	79.0	77.7	78.6	77.5	77.5	77.6	77.6	76.9	77.1	77.0	80.6	73.5
" 6,	76.8	76.1	75.2	75.1	74.4	73.9	76.0	77.4	78.2	79.1	79.1	79.7	80.8	80.0	78.6	78.2	78.0	76.6	76.4	76.8	76.7	76.8	76.7	76.6	77.2	81.1	73.3
" 7,	76.4	76.2	76.1	75.9	75.0	73.8	75.3	76.3	78.0	78.8	79.2	79.9	80.8	79.0	78.0	77.6	77.3	76.9	76.6	76.4	75.9	76.4	75.7	75.5	76.9	80.8	73.3
" 8,	75.7	75.4	75.3	75.5	75.2	75.2	76.5	77.7	79.0	80.6	80.0	81.3	82.0	81.0	80.8	79.0	78.0	77.7	77.6	77.2	77.0	76.7	76.4	76.6	77.8	82.0	74.8
" 9,	76.8	76.9	77.2	74.6	74.7	75.5	76.7	78.0	77.8	79.0	80.4	81.0	79.3	78.9	78.6	78.8	78.2	77.4	77.5	77.5	77.3	77.3	76.3	76.6	77.6	81.0	74.5
" 10,	72.7	72.6	71.8	72.2	73.5	74.1	74.2	75.0	75.3	75.5	75.0	75.3	75.2	75.0	75.6	75.3	75.0	74.8	74.7	74.4	74.5	74.3	74.2	74.3	74.4	76.6	71.5
" 11,	74.6	73.8	73.7	73.3	73.2	72.8	72.5	74.0	75.0	77.4	78.5	79.3	77.3	76.9	76.7	77.0	76.3	75.5	75.5	74.9	75.3	74.8	74.4	74.4	75.3	79.3	72.5
" 12,	73.9	73.7	73.9	73.7	72.9	72.5	73.0	74.0	75.0	74.7	77.0	76.0	77.0	76.2	77.0	76.0	73.9	71.8	70.8	70.8	69.1	68.8	67.8	67.5	73.2	77.8	67.4
" 13,	67.5	67.5	66.5	66.1	66.1	66.0	66.8	65.5	66.6	66.4	65.5	65.6	67.[illegible]	66.9	65.5	66.2	65.0	65.0	64.1	64.0	64.3	64.0	63.1	63.7	65.6	68.3	62.6
" 14,	63.2	62.8	62.7	61.7	62.5	62.2	62.4	63.0	64.6	64.8	66.8	65.8	65.8	65.6	66.0	67.9	66.5	66.4	67.1	67.6	67.6	68.1	68.2	66.7	65.2	68.2	61.6
" 15,	67.3	66.4	65.9	64.8	64.5	65.4	67.5	68.8	71.8	73.0	76.5	76.9	74.8	75.0	74.0	75.0	74.3	71.0	70.8	70.2	71.0	71.7	70.7	68.7	70.7	77.1	64.4
" 16,	67.1	66.9	67.0	67.2	67.3	67.0	68.7	70.2	72.2	73.3	75.0	74.0	75.8	75.4	75.0	73.2	72.4	71.0	70.1	69.7	69.6	69.2	69.3	68.6	70.6	75.8	65.9
" 17,	68.3	68.0	67.6	66.6	66.4	66.9	67.7	70.0	71.5	73.1	74.0	74.3	75.0	75.6	73.9	72.9	71.6	71.1	71.2	70.8	70.5	70.8	71.5	71.9	70.9	76.0	66.3
" 18,	71.6	71.2	70.7	70.1	70.0	70.0	70.0	71.6	72.8	73.5	74.5	75.0	75.6	74.2	73.2	72.8	71.1	72.0	71.2	71.9	72.3	72.4	72.5	72.0	72.2	75.6	69.6
" 19,	71.4	70.9	70.3	69.7	69.2	68.9	70.4	71.7	74.0	75.0	74.0	75.4	75.0	74.3	74.5	74.0	72.7	72.0	71.8	72.1	72.6	72.6	72.8	72.7	72.4	76.5	68.9
" 20,	71.7	71.2	70.9	70.4	70.0	70.2	70.3	72.3	73.8	75.8	75.5	74.5	76.3	76.0	75.0	74.2	73.5	72.5	72.4	72.7	72.6	72.3	72.7	72.7	72.9	77.0	69.9
" 21,	72.7	72.3	71.5	71.0	71.0	70.6	70.8	72.1	75.5	74.9	74.6	75.3	76.9	76.5	76.3	73.8	74.0	73.4	72.5	72.5	72.1	71.8	71.6	71.6	73.1	77.1	70.4
" 22,	71.6	70.8	70.7	70.5	70.6	69.7	72.0	73.3	77.0	77.3	73.8	74.7	75.0	76.8	76.0	74.1	73.4	72.5	72.0	71.8	70.9	70.3	70.1	69.8	72.7	77.3	69.7
" 23,	69.7	70.7	70.0	69.8	69.7	69.3	71.0	73.6	76.0	76.0	76.5	76.4	76.5	76.0	75.5	75.0	74.0	73.0	73.1	73.4	73.5	73.4	73.7	73.7	73.3	78.7	68.9
" 24,	73.6	73.4	73.3	72.9	72.7	72.8	73.5	75.5	75.5	74.2	75.0	76.8	76.5	76.4	75.5	74.8	74.6	74.7	74.7	74.0	74.5	74.2	73.8	74.0	74.5	77.1	72.4
" 25,	73.9	73.7	72.8	72.3	72.6	73.0	72.2	73.3	74.8	76.9	76.1	76.0	76.3	75.5	75.3	74.7	73.4	73.3	73.4	73.7	73.7	73.7	73.7	74.0	74.1	77.5	72.1
" 26,	74.0	74.6	74.6	74.2	74.2	74.0	74.4	75.5	77.2	80.0	79.0	78.8	77.5	79.9	78.5	78.4	77.2	76.0	75.6	75.5	74.8	75.5	75.1	74.7	76.2	80.0	73.3
" 27,	74.6	74.6	74.5	74.3	74.1	74.0	74.2	75.5	75.6	75.8	75.8	74.5	73.5	74.7	74.0	75.0	74.0	73.4	72.9	72.8	72.8	72.7	73.0	73.0	74.1	76.1	72.3
" 28,	73.1	72.7	72.6	70.9	70.1	69.8	71.0	73.0	75.0	76.9	79.0	78.8	78.9	78.5	78.0	75.7	75.0	74.0	73.6	73.6	73.5	73.2	73.3	73.4	74.3	80.1	69.1
" 29,	73.6	73.3	73.1	72.6	72.4	72.2	71.6	73.1	73.9	74.7	76.0	75.6	75.7	75.2	74.0	74.3	73.0	72.7	72.4	72.5	72.4	72.8	72.1	72.4	73.4	77.0	71.6
" 30,	71.5	71.7	71.8	71.5	72.3	72.5	73.1	71.3	75.5	75.8	76.0	75.2	76.3	76.6	75.3	75.3	74.2	73.5	73.8	74.4	74.3	74.1	73.6	73.6	74.0	77.0	71.5
" 31,	73.3	73.6	72.8	73.6	73.5	73.6	74.3	75.5	74.7	78.3	77.6	76.4	77.3	76.2	76.0	75.7	75.2	75.2	74.9	75.1	75.1	75.2	75.0	74.6	75.1	79.3	72.8
Means,	73.1	72.9	72.6	72.1	72.1	72.1	72.8	74.0	75.2	76.1	76.7	76.7	77.0	76.7	76.2	75.7	74.8	74.2	73.9	73.9	73.7	73.7	73.5	73.3	74.3	78.2	70.8

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION, FOR THE MONTH OF OCTOBER, 1911.

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, ...	74.3	73.8	74.5	74.9	75.2	74.3	73.6	75.8	75.4	75.8	76.8	77.1	75.5	74.7	74.8	74.1	73.8	74.0	73.8	74.2	74.2	73.9	74.1	74.8	74.7	121.6
" 2, ...	74.5	74.4	74.4	73.8	73.8	73.6	72.8	72.8	72.8	73.4	73.9	73.9	73.7	73.8	73.8	74.1	73.8	73.9	73.6	73.3	73.5	75.0	76.7	77.4	74.0	86.4
" 3, ...	77.5	77.7	77.7	77.5	77.5	78.1	77.8	77.8	78.1	76.0	75.2	74.6	75.6	74.6	74.8	74.3	74.8	74.8	74.4	73.8	73.3	73.1	73.9	74.2	75.7	137.7
" 4, ...	73.5	73.7	73.5	73.6	72.8	72.7	72.8	74.1	73.3	71.9	72.9	73.6	76.3	74.1	74.0	73.2	72.2	72.4	72.5	73.4	73.5	73.8	72.0	72.2	73.2	139.5
" 5, ...	72.5	73.1	72.7	72.4	71.8	72.0	71.9	71.8	72.1	71.4	71.8	71.5	73.6	71.8	72.8	72.0	71.3	71.4	71.4	71.5	70.5	70.4	70.6	70.3	71.8	139.6
" 6, ...	70.2	69.2	68.2	68.0	65.5	65.2	66.0	66.1	66.6	65.9	66.5	69.0	69.6	69.3	68.8	70.8	69.8	70.5	70.5	70.4	70.2	70.5	71.1	70.9	68.7	127.4
" 7, ...	70.6	70.3	69.4	69.1	68.7	68.7	69.8	69.8	69.9	70.0	71.2	70.9	70.8	69.8	69.1	68.2	69.2	70.5	70.5	71.1	71.2	71.4	71.6	71.9	70.2	125.8
" 8, ...	71.7	71.6	71.5	71.5	71.2	70.8	71.1	70.8	71.8	72.6	71.8	72.2	71.9	71.8	71.8	71.8	71.8	72.4	72.5	72.3	72.5	72.6	71.5	71.5	71.8	126.8
" 9, ...	71.6	71.5	71.9	72.0	72.0	71.8	72.0	72.8	72.4	72.0	72.6	72.3	71.0	71.1	71.1	72.1	72.2	71.1	71.8	72.2	72.0	72.4	72.1	71.6	71.9	128.7
" 10, ...	70.4	70.4	69.4	69.0	68.0	70.0	69.4	70.6	70.2	69.6	69.6	69.8	69.1	69.3	69.3	68.6	68.9	69.0	68.5	68.5	69.2	68.3	68.9	69.1	69.3	110.4
" 11, ...	69.4	68.1	68.4	69.1	68.5	68.4	69.4	69.6	70.0	71.1	71.6	71.8	71.6	71.2	71.6	72.1	71.6	71.2	71.3	71.7	71.8	71.9	71.8	71.7	70.6	127.4
" 12, ...	71.7	71.7	71.6	71.7	70.4	69.8	70.8	70.8	70.5	69.0	70.6	68.8	69.6	68.4	69.4	67.7	66.1	65.7	64.8	64.5	63.9	63.6	62.7	62.5	68.2	128.7
" 13, ...	62.7	63.3	63.5	62.6	63.1	62.0	62.8	63.3	63.8	63.0	63.6	63.8	64.3	63.8	63.0	62.8	62.5	60.8	61.0	61.4	60.9	61.1	60.5	60.5	62.5	89.8
" 14, ...	60.5	60.0	60.0	59.5	60.7	60.4	60.2	60.8	61.3	61.6	62.8	62.8	62.0	62.8	63.0	63.1	61.5	61.5	62.5	62.6	62.5	62.1	62.2	62.5	61.6	90.0
" 15, ...	61.4	60.2	59.0	58.7	58.3	58.3	58.2	59.1	61.3	62.2	63.6	64.4	63.5	64.4	64.4	64.8	62.0	61.8	59.8	58.9	58.1	58.9	60.9	60.8	61.0	129.0
" 16, ...	58.7	58.0	56.9	55.7	54.7	54.8	56.8	58.1	59.6	60.8	61.8	62.0	62.3	62.3	61.8	60.8	60.3	59.8	59.6	61.0	61.9	62.0	63.3	63.3	59.8	121.6
" 17, ...	63.1	62.9	62.4	60.5	58.6	57.8	58.7	60.0	61.3	62.1	62.8	63.5	63.8	64.6	63.6	63.6	63.8	63.8	63.8	64.0	64.0	64.1	65.1	65.1	62.6	119.2
" 18, ...	64.7	64.3	64.0	63.3	63.3	62.6	63.3	64.0	64.9	65.8	66.0	66.3	66.8	65.4	65.7	63.8	63.0	63.6	63.9	64.6	65.0	65.3	65.3	65.3	64.5	120.9
" 19, ...	65.3	65.1	64.8	64.5	64.6	63.8	64.3	63.8	63.1	63.7	63.8	65.4	65.3	65.3	65.3	65.1	64.6	64.6	64.5	65.8	66.1	66.6	66.4	66.5	64.9	122.8
" 20, ...	67.3	66.8	66.1	65.7	65.5	64.6	64.5	64.3	62.8	64.5	64.6	63.7	65.4	65.1	65.8	64.9	64.9	65.3	65.7	66.5	66.5	66.7	67.1	66.5	65.4	122.7
" 21, ...	66.6	66.6	66.5	66.2	66.2	65.5	65.0	65.0	65.3	65.7	65.1	65.2	65.8	66.6	65.8	64.7	64.8	64.1	65.6	66.0	66.4	66.5	67.4	67.4	65.9	127.8
" 22, ...	67.4	67.2	66.9	66.6	66.8	66.6	68.4	69.0	69.0	69.8	68.1	68.8	68.0	68.7	68.3	67.8	67.6	67.8	66.8	67.1	66.9	66.8	66.9	66.7	67.7	124.2
" 23, ...	66.6	67.9	67.8	67.4	66.6	66.8	67.7	68.1	69.3	69.8	69.8	69.8	70.0	69.8	69.6	69.0	69.2	69.0	69.4	69.3	69.4	69.0	69.5	69.5	68.8	121.7
" 24, ...	69.5	69.3	69.3	68.5	68.2	68.1	69.4	69.8	70.4	68.9	69.5	70.1	70.9	70.7	70.3	69.5	69.3	69.4	69.4	69.5	70.0	69.8	69.5	69.8	69.5	129.2
" 25, ...	70.2	70.3	70.3	70.3	70.5	70.5	70.6	71.0	71.9	72.6	71.8	71.3	71.8	71.8	71.8	71.6	71.1	71.8	71.3	71.4	71.6	71.5	71.5	71.6	71.3	131.1
" 26, ...	72.0	71.4	71.6	72.6	72.3	72.3	72.4	72.6	72.8	74.6	73.8	73.8	73.3	73.8	73.1	72.8	73.4	73.3	73.5	73.4	72.7	73.5	73.4	72.9	73.0	131.3
" 27, ...	72.5	72.3	72.1	71.9	72.3	71.8	72.3	73.6	73.3	72.8	72.5	72.8	72.1	72.8	72.3	72.0	72.4	71.6	71.4	71.5	71.5	71.8	71.5	71.6	72.2	98.1
" 28, ...	68.7	66.6	66.3	65.6	64.3	64.0	64.0	66.0	65.5	65.7	67.0	67.3	66.8	67.0	67.8	67.6	68.3	69.0	69.3	69.4	69.5	69.4	69.3	69.5	67.2	126.6
" 29, ...	69.2	68.8	68.4	67.8	66.9	66.9	66.8	67.6	67.8	68.9	70.6	69.8	69.3	68.8	68.2	68.5	68.0	68.1	67.8	67.4	68.3	68.0	68.5	68.6	68.3	125.8
" 30, ...	68.7	68.9	68.1	67.9	68.7	68.4	68.4	69.1	69.8	70.1	69.8	70.0	69.8	70.3	70.1	70.5	70.0	70.1	69.8	70.1	70.0	70.0	70.2	70.4	69.5	127.6
" 31, ...	69.2	69.6	68.6	69.2	70.1	70.8	71.2	71.8	72.0	73.2	72.8	72.6	72.8	72.8	72.8	72.5	72.8	73.0	72.7	72.7	73.0	73.1	73.1	72.4	71.9	127.3
Means, ...	68.8	68.5	68.3	68.0	67.6	67.5	67.8	68.5	68.7	68.9	69.2	69.3	69.4	69.2	69.1	68.9	68.5	68.6	68.5	68.7	68.7	68.8	69.0	69.0	68.6	122.2

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR, FOR THE MONTH OF OCTOBER, 1911.

Hours.	Hourly Means.		Date.	Daily Means.	
	Humidity.	Tension.		Humidity.	Tension.
			1911.		
1 a.	79	0.653	Oct. 1,.....	70	0.762
2 „	79	.645	„ 2,.....	91	.814
3 „	79	.642	„ 3,.....	78	.821
4 „	80	.638	„ 4,.....	75	.740
5 „	78	.623	„ 5,.....	76	.711
6 „	78	.619	„ 6,.....	63	.589
7 „	76	.620	„ 7,.....	70	.650
8 „	74	.630	„ 8,.....	74	.701
9 „	71	.622	„ 9,.....	74	.707
10 „	68	.617	„ 10,.....	76	.649
11 „	67	.620	„ 11,.....	78	.687
Noon.	67	.624	„ 12,.....	76	.624
1 p.	67	.624	„ 13,.....	83	.526
2 „	67	.620	„ 14,.....	80	.502
3 „	69	.623	„ 15,.....	54	.409
4 „	70	.622	„ 16,.....	50	.372
5 „	71	.620	„ 17,.....	60	.458
6 „	74	.631	„ 18,.....	64	.505
7 „	74	.632	„ 19,.....	65	.516
8 „	75	.639	„ 20,.....	65	.527
9 „	76	.642	„ 21,.....	66	.542
10 „	77	.646	„ 22,.....	76	.612
11 „	79	.656	„ 23,.....	79	.645
Midt.	80	.658	„ 24,.....	76	.655
			„ 25,.....	87	.731
			„ 26,.....	85	.770
			„ 27,.....	91	.766
			„ 28,.....	68	.572
			„ 29,.....	76	.625
			„ 30,.....	79	.662
			„ 31,.....	85	.741
Mean, ...	74	0.632	Means,.....	74	0.632

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.
1911.														
Oct. 1,.....	...	...	0.2	...	...	...	0.2	...	...	...	...	...	...	0.4
„ 2,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 3,.....	...	...	...	0.7	1.0	1.0	0.9	0.4	0.1	1.0	0.6	...	...	5.7
„ 4,.....	...	0.6	1.0	1.0	1.0	1.0	0.9	0.5	0.5	...	...	...	...	6.5
„ 5,.....	...	...	...	...	...	0.1	0.2	0.9	0.5	1.0	0.9	0.1	...	3.7
„ 6, ...	...	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	...	10.5
„ 7,.....	...	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	...	10.5
„ 8,.....	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	...	10.3
„ 9,.....	...	0.3	0.6	0.6	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.6	...	8.9
„ 10,.....	...	...	...	...	0.8	0.2	...	...	...	0.3	0.5	0.3	...	2.1
„ 11,.....	...	...	0.2	0.9	1.0	1.0	1.0	1.0	0.9	0.9	1.0	0.6	...	8.5
„ 12,.....	...	...	...	...	0.2	0.5	0.2	...	...	0.5	1.0	0.9	...	3.3
„ 13,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 14,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 15,.....	...	0.2	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	...	9.6
„ 16,.....	...	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	...	10.6
„ 17,.....	...	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	...	10.6
„ 18,.....	...	...	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	...	9.6
„ 19,.....	...	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	...	10.5
„ 20,.....	...	0.4	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	...	10.2
„ 21,.....	...	0.1	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	...	9.1
„ 22,.....	...	0.3	0.9	1.0	1.0	0.8	0.8	1.0	1.0	1.0	1.0	0.8	...	9.6
„ 23,.....	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	...	10.2
„ 24,.....	...	0.2	1.0	0.9	0.9	0.8	0.9	1.0	1.0	0.5	...	...	...	7.2
„ 25,.....	...	...	0.3	0.7	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.7	...	8.5
„ 26,.....	...	..	...	0.7	1.0	0.8	0.8	0.6	1.0	0.1	...	...	...	5.0
„ 27,.....	...	...	...	...	...	...	...	...	...	...	0.5	0.3	...	0.8
„ 28,.....	...	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	...	10.6
„ 29,.....	...	...	1.0	1.0	1.0	1.0	1.0	0.7	1.0	1.0	0.8	0.4	...	8.9
„ 30,.....	...	0.2	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.9	1.0	0.7	...	9.7
„ 31,.....	...	...	...	0.1	0.7	0.8	0.3	0.5	...	0.4	...	0.2		3.0
Sums,.....	...	7.7	16.4	20.6	23.6	23.0	22.1	21.6	21.0	21.5	21.0	15.6	...	214.1

TABLE VI.

RAINFALL FOR THE MONTH OF OCTOBER, 1911.

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,	0.125	0.040	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.050	0.215	2
„ 2,	0.090	0.050	0.110	0.250	0.450	0.435	0.555	0.465	0.390	0.015	...	0.070	0.120	0.170	0.060	0.060	0.020	...	...	...	...	...	...	...	3.340	15
„ 3,	...	...	0.010	0.010	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.020	1
„ 4,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.035	...	...	...	...	...	0.040	0.075	0.060	0.080	0.290	3
„ 5,	0.020	0.080	0.005	...	...	...	...	0.005	0.010	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.120	2
„ 6,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 7,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 8,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 9,	...	...	0.020	0.010	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.020	...	0.180	0.230	1
„ 10,	0.200	0.600	0.225	0.240	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1.265	4
„ 11,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 12,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 13,	...	...	...	...	...	...	0.010	...	...	...	0.010	0.020	...	...	...	...	...	...	...	...	...	...	...	...	0.040	3
„ 14,	...	0.005	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.010	1
„ 15,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 16,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 17,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 18,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 19,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 20,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 21,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 22,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 23,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 24,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 25,	...	...	0.015	0.020	...	0.015	0.070	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.120	1
„ 26,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 27,	...	...	0.010	0.010	...	...	...	...	...	...	...	0.015	...	...	...	...	...	...	...	...	...	...	...	...	0.035	4
„ 28,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 29,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 30,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
31,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	0.435	0.775	0.395	0.545	0.450	0.450	0.635	0.470	0.400	0.045	0.010	0.105	0.120	0.170	0.095	0.060	0.020	...	...	...	0.040	0.095	0.060	0.310	5.685	37

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND, FOR THE MONTH OF OCTOBER, 1911.

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,	31	14	31	25	30	21	28	17	29	19	30	19	30	22	29	20	29	17	29	20	29	26	30	26	30	27	29	25	29	29	29	30	30	28	30	32	29	32	29	32	28	33	27	33	29	36	28	32	615	25.6	29
„ 2,	27	31	27	33	25	34	23	27	23	24	23	24	21	27	21	27	22	22	23	23	23	16	23	16	22	18	21	18	21	21	26	14	26	8	28	7	28	2	...	1	...	1	18	5	19	12	19	18	429	17.9	23
„ 3,	19	21	20	22	20	26	20	24	21	22	22	16	27	13	26	8	23	9	28	14	27	13	26	10	27	11	26	9	26	10	24	8	23	10	26	7	25	5	...	1	30	2	...	1	19	3	26	3	268	11.2	23
„ 4,	...	1	26	3	26	3	26	2	2	5	...	1	32	9	2	7	3	8	1	12	2	8	32	6	17	6	9	10	10	11	10	14	9	15	8	14	8	15	8	14	8	12	7	11	6	11	7	12	210	8.7	6
„ 5,	5	9	8	12	5	6	5	7	5	11	5	13	5	14	6	15	6	17	6	21	7	24	7	27	7	22	8	23	8	18	10	17	10	18	9	17	9	19	9	18	8	23	8	21	8	20	8	20	412	17.2	7
„ 6,	6	19	7	22	6	19	4	12	6	11	6	10	6	7	6	10	5	11	6	16	7	19	8	18	8	22	8	20	8	19	8	23	7	22	8	18	8	18	8	20	8	20	8	19	8	18	8	17	410	17.1	7
„ 7,	8	18	8	20	6	14	7	21	6	15	4	12	5	7	7	11	8	12	10	13	10	14	11	14	10	15	11	16	11	18	10	18	10	15	9	14	7	8	6	8	5	6	8	8	8	7	6	7	311	13.0	8
„ 8,	7	9	8	11	5	8	5	8	5	9	4	9	6	9	7	12	8	14	8	17	8	17	8	16	8	16	8	15	11	18	10	17	9	17	11	12	8	12	8	15	8	15	8	9	7	7	8	14	306	12.7	8
„ 9,	7	17	7	16	7	14	7	14	5	10	6	13	6	14	5	16	7	20	8	22	8	22	8	17	10	21	10	20	10	19	10	19	8	17	7	18	7	19	8	18	8	23	10	27	10	3	10	26	453	18.9	8
„ 10,	4	18	6	21	4	16	4	16	7	25	7	24	6	25	8	34	8	25	7	27	7	24	7	28	9	27	8	25	7	22	7	22	8	22	8	25	7	23	8	29	8	28	8	28	8	29	8	27	590	24.6	7
„ 11,	8	30	8	25	7	21	7	18	7	18	7	20	7	16	8	15	7	17	7	17	9	18	9	17	9	16	9	19	9	18	8	16	9	14	8	14	8	12	11	12	7	7	7	6	14	2	13	2	370	15.4	8
„ 12,	...	1	13	3	13	4	26	3	26	3	28	4	30	2	29	6	29	4	1	7	27	3	1	10	30	5	1	11	32	11	32	12	32	10	32	12	1	11	1	10	2	7	1	9	2	9	1	9	166	6.9	32
„ 13,	...	1	1	5	1	8	1	9	1	4	1	6	2	3	1	3	1	3	32	7	32	4	1	5	1	8	2	7	32	9	1	7	2	9	2	13	3	10	2	14	3	13	1	11	1	15	2	15	192	8.0	2
„ 14,	3	14	2	13	2	10	1	9	32	7	2	8	1	9	1	10	2	8	1	10	32	6	1	10	2	9	32	6	2	5	2	5	2	5	2	6	10	7	6	6	6	8	6	6	2	4	2	6	187	7.8	2
„ 15,	2	7	2	4	2	8	2	9	1	9	1	11	2	15	2	11	2	4	32	4	9	8	7	7	11	9	12	6	10	4	10	4	32	6	2	6	2	6	2	2	3	8	2	9	2	10	2	9	176	7.3	3
„ 16,	1	9	32	2	1	9	1	17	1	17	2	14	2	11	2	10	4	7	1	8	2	8	8	10	3	8	4	9	7	14	10	14	11	11	8	10	7	5	7	2	...	1	...	1	...	0	...	1	198	8.3	4
„ 17,	...	1	...	1	5	5	2	11	1	16	1	18	1	16	1	12	32	12	1	11	6	13	7	13	9	14	11	13	11	15	10	18	9	15	8	13	8	11	6	7	6	7	7	9	6	7	7	16	274	11.4	6
„ 18,	7	16	6	15	4	12	4	9	3	12	3	10	5	12	5	14	4	13	7	17	9	13	10	14	10	17	10	20	10	22	9	21	9	19	8	18	7	11	7	15	7	16	7	18	7	20	7	19	373	15.5	7
„ 19,	6	14	5	13	4	15	5	13	5	13	6	13	6	12	6	13	8	15	8	16	11	12	10	8	10	16	10	18	10	18	9	18	9	17	9	14	8	13	8	12	8	16	8	17	7	21	7	19	356	14.8	8
„ 20,	6	15	6	16	6	16	5	12	4	12	4	16	4	13	4	16	6	16	9	18	8	18	10	19	10	16	9	18	10	24	9	22	9	17	8	14	8	12	9	11	9	13	8	14	8	15	8	16	379	15.8	8
„ 21,	7	15	5	11	6	16	5	14	6	14	5	14	6	12	6	20	7	21	7	24	8	19	8	19	10	18	10	17	10	19	10	18	10	14	8	11	8	11	8	9	7	7	7	6	7	9	7	8	346	14.4	8
„ 22,	8	4	...	0	...	1	...	0	8	3	...	0	12	3	7	9	8	8	10	13	10	14	11	12	11	11	10	12	9	13	9	16	9	13	10	11	8	10	7	7	11	3	11	4	...	1	...	0	168	7.0	9
„ 23,	...	0	..	1	13	2	...	0	...	1	...	0	...	0	13	3	11	6	11	11	10	11	10	15	9	17	9	18	10	17	10	15	9	14	10	14	9	10	10	14	10	15	10	16	9	14	9	16	230	9.6	10
„ 24,	10	15	8	14	8	14	8	14	8	14	7	15	7	18	7	18	8	19	7	22	7	19	9	16	9	19	11	18	8	18	8	22	9	21	8	20	8	19	8	16	8	18	8	19	8	21	8	16	425	17.7	8
„ 25,	8	13	8	16	7	14	7	13	7	14	7	12	10	11	8	12	7	13	8	15	8	15	9	16	8	17	8	18	10	15	8	18	8	18	8	16	7	14	9	18	9	14	9	12	10	11	8	9	344	14.3	8
„ 26,	8	11	10	11	10	9	10	9	10	8	10	7	10	6	10	8	9	8	9	13	9	13	8	9	8	10	8	9	16	3	16	8	9	11	9	10	11	8	9	4	9	2	9	6	10	9	10	5	197	8.2	10
„ 27,	...	1	10	2	10	2	12	2	12	3	12	3	6	4	...	1	7	4	11	2	11	5	...	1	29	2	4	5	8	2	30	3	10	3	...	0	...	0	...	0	...	0	...	0	...	0	10	3	46	1.9	8
„ 28.	1	12	4	12	3	12	32	12	1	9	2	6	1	11	32	5	32	7	32	4	9	6	2	4	10	12	11	11	10	15	9	19	9	14	9	12	8	13	8	10	8	11	8	11	8	13	10	16	257	10.7	6
„ 29,	8	18	8	20	8	20	7	21	6	17	6	15	5	13	6	15	8	23	7	27	8	23	9	22	8	21	9	20	9	18	9	18	9	15	9	14	8	16	8	17	8	16	8	17	8	15	8	15	434	18.1	8
„ 30,	8	15	7	13	7	13	8	16	7	15	8	18	8	19	9	20	8	16	8	23	8	20	9	20	9	20	9	20	8	19	8	17	10	18	8	15	8	11	10	13	8	15	9	14	8	15	10	10	395	16.5	8
„ 31,	11	17	12	10	8	10	8	9	10	13	9	13	9	15	9	15	9	10	7	16	8	16	8	18	8	15	8	16	8	17	8	15	8	13	10	10	10	9	9	6	9	5	9	3	9	2	10	3	276	11.5	9
Sums,	...	386	...	392	...	382	...	368	...	373	...	364	...	371	...	396	...	389	...	470	...	447	...	443	...	465	...	470	...	481	...	488	...	449	...	417	...	372	...	361	...	365	...	370	...	385	...	389	9793	408.0	...
Means,	...	12.5	...	12.6	...	12.3	...	11.9	...	12.0	...	11.7	...	12.0	...	12.8	...	12.5	...	15.2	...	14.4	...	14.3	...	15.0	...	15.2	...	15.5	...	15.7	...	14.5	...	13.5	...	12.0	...	11.6	...	11.8	...	11.9	...	12.4	...	12.5	3159	13.2	...

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
1911.												
Oct. 1, ...	10	nim.	N	8	cum.	N	10	cum.	N	10	cum.	NNE
„ 2, ...	10	nim.	NNW	10	nim.	...	10	nim.	W	10	nim.	W
„ 3, ...	10	nim.	...	10	nim.	...	10	cum.	WSW	7	sm-cum. / cum.	W / WSW
„ 4, ...	7	c-str. / sm-cum.	WNW	10	cum.	...	4	c-str. / cum.	WSW	3	cum.	W
„ 5, ...	10	nim.	ENE	10	cum.	ENE	10	cum.	ENE	10	cum.	ENE
„ 6, ...	4	cum.	ENE	0	...	...	0	...	...	0	...	...
„ 7, ...	10	sm-cum. / cum.	ENE	10	sm-cum. / cum.	...	3	sm-cum. / cum.	E / ..	2	cum.	E
„ 8, ...	6	cum.	E	8	cum.	E	2	cum.	E	2	cum.	E
„ 9, ...	4	sm-cum. / cum.	SE / E	7	cum.	E	9	sm-cum. / cum.	ENE	6	cum.	E
„ 10, ...	10	nim.	ENE	10	nim.	ENE	10	cum.	ENE	8	cum.	E
„ 11, ...	4	cum.	E	5	cum.	E	7	cum.	E	4	sm-cum. / cum.	WSW / E
„ 12, ...	1	cum.	...	6	cum.	WSW	8	sm-cum. / cum.	WSW	9	c-cum. / sm-cum. / cum.	WSW / WSW / ..
„ 13, ...	10	cum.	...	10	cum.	...	10	nim.	...	10	cum.	...
„ 14, ...	10	cum-nim.	E	10	nim.	E	10	cum.	E	10	cum.	NE
„ 15, ...	10	sm-cum. / cum.	W / ..	6	c-str. / cum.	...	10	cum.	WNW	3	sm-cum. / cum.	W / ..
„ 16, ...	0	...	...	0	...	...	1	c-cum.	...	0	...	...
„ 17, ...	0	...	...	0	...	...	0	...	...	0	...	..
„ 18, ...	0	...	...	5	sm-cum.	...	8	sm-cum.	ESE	3	cum.	ENE
„ 19, ...	1	cum.	...	2	cum.	...	1	cum.	...	0	...	...
„ 20, ...	1	cum.	...	2	cum.	...	4	cum.	ENE	0	...	...
„ 21, ...	2	cum.	E	2	cum.	E	8	sm-cum. / cum.	W / ENE	7	sm-cum. / cum.	W / ENE
„ 22, ...	0	...	...	0	...	...	4	c-cum / cum.	NE / ESE	3	cum.	NE
„ 23, ...	0	...	...	0	...	...	2	c-cum. / cum.	E	2	cum.	...
„ 24, ...	2	cum.	...	2	cum.	E	4	cum.	E	8	cum.	ESE
„ 25, ...	5	cum.	E	8	cum.	E	8	cum.	ESE	4	cum.	S
„ 26, ...	7	cum.	...	10	cum.	...	10	sm-cum. / cum.	W / ESE	6	sm-cum. / cum.	W / SE
„ 27, ...	4	sm-cum.	...	10	nim.	...	10	cum.	...	10	str-cum.	W
„ 28, ...	4	c-cum.	...	2	c-cum.	...	5	c-str. / c-cum.	WSW / ..	2	sm-cum.	...
„ 29, ...	8	cum.	E	4	cum.	E	3	sm-cum. / cum.	E	6	cum.	E
„ 30, ...	0	...	...	2	cum.	...	5	sm-cum. / cum.	WSW / ESE	3	cum.	SE
„ 31, ...	0	...	...	0	...	...	7	sm-cum. / cum.	W / SSE	8	sm-cum. / cum.	W / SE
Means,...	4.8	...	...	5.5	...	...	6 2	...	...	5.0	...	...

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	
1911.													
Oct. 1,...	10	sm-cum. / cum.	N	10	cum.	N	10	cum.	NNW	10	cum.	NNW	9.7
„ 2,...	10	nim.	WSW	10	nim.	W	10	cum-nim.	W	10	sm-cum. / cum.	W	10.0
„ 3,...	8	sm-cum. / cum.	WNW / E	9	c-str. / c-cum.	ENE / ..	10	c-str.	...	8	c-str.	...	9.0
„ 4,...	10	cum.	W	10	cum-nim.	WNW	7	sm-cum. / cum.	WSW / ..	10	cum-nim.	ENE	7.6
„ 5,...	10	sm-cum. / cum.	WNW / E	6	sm-cum. / cum.	NE	8	cum.	NNE	10	cum.	ENE	9.3
„ 6,...	2	cum.	N	3	cum.	NE	3	cum.	ENE	3	cum.	NE	1.9
„ 7,...	1	cum.	...	1	cum.	...	1	c-cum.	...	1	cum.	...	3.6
„ 8,...	2	cum.	E	1	cum.	E	1	cum.	E	1	cum.	...	2.9
„ 9,...	2	sm-cum. / cum.	...	7	sm-cum. / cum.	W / ENE	8	sm-cum. / cum.	ENE	10	cum. / nim.	E / ENE	6.6
„ 10,...	10	cum.	E	10	sm-cum. / cum.	E	7	cum.	E	4	cum.	E	8.6
„ 11,...	3	cum.	...	4	cum.	...	1	sm-cum.	...	5	sm-cum. / cum.	E	4.1
„ 12,...	10	sm-cum.	W	5	sm-cum.	W	10	sm-cum. / cum.	...	10	cum.	...	7.4
„ 13,...	10	cum.	N	10	nim.	...	10	nim.	...	10	nim.	...	10.0
„ 14,...	10	cum.	...	10	cum.	...	10	cum.	...	10	cum-nim.	...	10.0
„ 15,...	2	sm-cum. / cum.	N	4	sm-cum. / cum.	WNW / ..	1	cum.	...	0	...	...	4.5
„ 16,...	0	...	...	0	...	...	0	...	...	0	...	...	0.1
„ 17,...	0	...	...	1	cum.	...	0	...	...	0	...	...	0.1
„ 18,...	1	cum.	...	1	cum.	...	1	cum.	...	3	cum.	...	2.7
„ 19,...	1	cum.	...	0	...	...	0	...	...	3	cum.	...	1.0
„ 20,...	2	cum.	ENE	0	...	...	0	...	...	1	cum.	...	1.3
„ 21,...	0	...	...	0	...	...	0	...	...	0	...	...	2.4
„ 22,...	5	cum.	N	1	cum.	...	0	...	...	0	...	...	1.6
„ 23,...	2	cum.	...	1	cum.	...	1	cum.	...	1	cum.	...	1.1
„ 24,...	7	sm-cum. / cum.	S / E	10	cum.	ESE	7	cum.	ESE	8	cum.	E	6.0
„ 25,...	7	sm-cum. / cum.	W / S	3	sm-cum. / cum.	S	1	cum.	...	2	cum.	ESE	4.7
„ 26,...	7	sm-cum. / cum.	W / S	9	sm-cum. / cum.	W / ESE	4	sm-cum.	...	8	cum.	...	7.6
„ 27,...	10	cum.	...	8	sm-cum. / cum.	WSW / ..	2	c-cum.	...	1	c-cum.	...	6.9
„ 28,...	1	c-str. / sm-cum.	...	2	c-cum.	...	3	c-cum. / cum.	WSW / ..	2	cum.	...	2.6
„ 29,...	5	sm-cum. / cum.	E	6	sm-cum. / cum.	W / E	1	c-cum.	W	1	cum.	E	4.3
„ 30,...	6	c-cum. / cum.	SE	7	cum.	ESE	4	cum.	SE	10	cum.	SE	4.6
„ 31,...	9	cum.	SSE	10	cum.	SSE	9	cum.	SSE	10	cum.	SSE	6.6
Means,...	5.3	...	...	5.1	...	...	4.2	...	...	4.9	...	...	5.1

TABLE IX.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR THE MONTH OF OCTOBER, 1911.

Hours.	Components (miles per hour).						Direction.
	N	E	S	W	+N −S	+E −W	
1 a.	3.8	8.8	1.0	1.3	+ 2.7	+ 7.5	E 20° N
2 „	3.8	8.8	1.0	1.6	2.8	7.2	E 22° N
3 „	4.7	7.9	0.9	2.0	3.9	5.9	E 33° N
4 „	4.9	7.1	0.8	1.9	4.1	5.2	E 38° N
5 „	5.3	7.3	0.9	1.8	4.4	5.5	E 39° N
6 „	5.3	7.4	0.6	1.6	4.7	5.8	E 39° N
7 „	5.8	7.4	0.8	1.4	4.9	6.0	E 39° N
8 „	4.7	8.8	0.9	1.4	3.9	7.5	E 27° N
9 „	3.4	9.5	0.5	1.3	2.8	8.2	E 19° N
10 „	4.3	11.3	0.9	1.4	3.4	9.9	E 19° N
11 „	2.5	11.7	1.3	1.4	1.2	10.3	E 7° N
Noon.	2.5	11.4	1.8	1.1	+ 0.7	10.2	E 4° N
1 p.	2.1	11.8	2.9	1.3	− 0.8	10.5	E 5° S
2 „	1.8	12.1	3.3	1.2	1.5	10.9	E 8° S
3 „	1.9	12.1	3.8	1.4	1.8	10.7	E 10° S
4 „	2.0	12.7	2.9	1.3	1.0	11.5	E 5° S
5 „	2.0	12.0	2.4	0.9	− 0.4	11.1	E 2° S
6 „	2.5	10.9	1.2	0.7	+ 1.4	10.2	E 8° N
7 „	2.3	10.1	0.5	0.8	1.7	9.3	E 11° N
8 „	2.1	9.8	0.9	0.6	1.1	9.2	E 7° N
9 „	2.0	10.0	0.5	0.8	1.5	9.2	E 10° N
10 „	1.9	9.8	1.0	0.9	0.9	8.9	E 6° N
11 „	2.7	9.7	1.2	0.9	1.5	8.7	E 10° N
Midt.	2.5	9.8	1.4	1.2	+ 1.1	+ 8.6	E 7° N
Means,.....	3.2	9.9	1.4	1.3	+ 1.80	+ 8.67	E 12° N

PHENOMENA :—

Lunar Corona :—on the 29th.

Slight fog :—on the 27th.

Dew :—on the 12th, 22nd, 23nd, and 27th.

Rainbow :—on the 27th.

TABLE I.

BAROMETRIC PRESSURE, FOR THE MONTH OF NOVEMBER, 1911.

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,...	29.932	29.924	29.918	29.914	29.924	29.944	29.967	29.982	29.996	29.988	29.978	29.954	29.930	29.914	29.912	29.924	29.936	29.952	29.973	29.982	29.992	29.994	29.989	29.986	29.954
" 2,...	.976	.966	.966	.971	.980	30.010	30.026	30.042	30.058	30.062	30.042	30.020	30.008	.996	.990	30.002	30.016	30.017	30.034	30.052	30.062	30.066	30.064	30.060	30.020
" 3,...	30.052	30.040	30.030	30.018	30.028	.046	.068	.084	.094	.090	.072	.042	.013	30.002	.991	29.998	.006	.012	.028	.038	.044	.050	.044	.034	.038
" 4,...	.020	.012	29.998	29.994	29.994	.002	.024	.041	.058	.052	.032	.009	29.978	29.960	.940	.938	29.936	29.940	29.961	29.968	29.981	29.982	29.979	29.972	29.990
" 5,...	29.956	29.946	.938	.918	.924	29.932	29.952	29.950	29.960	29.960	29.952	29.926	.906	.892	.890	.896	.904	.909	.922	.942	.960	.968	.970	.966	.935
" 6,...	.961	.948	.942	.924	.950	.969	.998	30.004	30.022	30.026	30.020	30.001	.979	.967	.966	.965	.981	.997	30.015	30.025	30.045	30.043	30.045	30.041	.993
" 7,...	30.029	30.015	30.007	.997	30.003	30.033	30.047	.067	.077	.085	.075	.051	30.019	30.005	.995	30.007	30.015	30.027	.035	.061	.069	.075	.071	.065	30.039
" 8,...	.057	.039	.029	30.033	.035	.051	.064	.080	.099	.099	.088	.058	.035	.022	30.014	.014	.028	.044	.064	.074	.086	.084	.085	.080	.057
" 9,...	.076	.065	.064	.058	.072	.084	.100	.110	.124	.118	.098	.076	.052	.038	.036	.036	.044	.054	.070	.080	.096	.096	.098	.092	.077
" 10,...	.076	.068	.061	.064	.066	.076	.084	.098	.114	.113	.094	.065	.036	.020	.012	.015	.012	.018	.038	.050	.049	.050	.044	.030	.056
" 11,...	.018	.004	29.998	.004	.016	.026	.024	.038	.062	.060	.049	.030	.010	29.977	29.973	29.978	29.982	29.982	29.998	.012	.020	.024	.016	.008	.013
" 12,...	.006	29.986	.979	29.974	29.980	29.986	.002	.020	.044	.037	.022	.002	29.980	.962	.954	.960	.964	.976	.992	.006	.016	.023	.016	.003	29.995
" 13,...	29.984	.969	.960	.964	.976	.996	.014	.034	.048	.042	.020	.000	.968	.950	.946	.948	.952	.955	.964	29.976	29.978	29.980	29.973	29.960	.982
" 14,...	.952	.938	.942	.931	.930	.948	29.970	29.978	29.998	.000	29.986	29.970	.946	.932	.916	.922	.926	.935	.954	.960	.970	.976	.972	.956	.954
" 15,...	.950	.926	.924	.916	.910	.929	.956	.964	.986	.002	.986	.962	.936	.926	.918	.916	.928	.938	.962	.974	.986	.990	.984	.972	.952
" 16,...	.968	.956	.938	.946	.946	.960	.980	.994	30.001	.002	.987	.963	.938	.911	.905	.917	.931	.933	.961	.977	.977	.985	.987	.991	.961
" 17,...	.988	.981	.973	.975	.983	30.001	30.017	30.023	.033	.042	30.035	30.019	.987	.966	.957	.961	.977	.993	30.015	30.027	30.041	30.049	30.049	30.047	30.006
" 18,...	30.045	30.039	30.043	30.052	30.061	.071	.089	.105	.117	.113	.094	.076	30.050	30.034	30.026	30.030	30.030	30.042	.052	.074	.078	.079	.078	.076	.065
" 19,...	.070	.062	.064	.067	.074	.086	.102	.122	.134	.122	.102	.072	.036	.015	.014	.004	.011	.021	.036	.049	.052	.058	.056	.052	.062
" 20,...	.044	.031	.024	.022	.026	.030	.052	.066	.084	.074	.048	.019	29.981	29.949	29.939	29.937	29.945	29.957	29.973	29.977	29.989	29.977	29.977	29.963	.003
" 21,...	29.955	29.943	29.941	29.939	29.943	29.955	29.963	29.985	29.985	29.984	29.969	29.939	.907	.891	.873	.863	.865	.877	.899	.901	.921	.935	.937	.920	29.929
" 22,...	.913	.899	.875	.867	.875	.897	.907	.925	.937	.933	.915	.889	.857	.835	.821	.819	.827	.835	.847	.859	.871	.873	.875	.884	.876
" 23,...	.883	.877	.885	.891	.903	.918	.927	.933	.951	.959	.940	.903	.869	.849	.852	.857	.869	.887	.910	.935	.945	.947	.943	.935	.907
" 24,...	.933	.925	.926	.929	.927	.945	.957	.981	.979	.975	.971	.951	.923	.914	.920	.929	.949	.953	.971	.982	30.007	.993	.997	.985	.955
" 25,...	.979	.971	.966	.967	.966	.983	.995	30.011	30.041	30.020	30.007	.977	.941	.940	.937	.945	.969	.977	.997	30.019	.019	30.017	30.001	30.007	.985
" 26,...	30.003	.997	30.001	30.011	30.011	30.037	30.045	.059	.079	.075	.051	30.014	.986	.958	.958	.964	.960	.986	30.002	.006	.016	.022	.012	29.996	30.010
" 27,...	29.988	.970	29.960	29.932	29.943	29.948	29.958	29.966	29.982	29.988	29.990	29.961	.928	.944	.948	.952	.944	.952	29.994	29.992	29.992	.008	29.999	.986	29.968
" 28,...	.982	.972	.969	.972	.982	.993	30.016	30.036	30.052	30.054	30.045	30.025	.989	.969	.965	.967	.979	30.001	30.027	30.051	30.061	.052	30.049	30.037	30.010
" 29,...	30.037	30.027	30.025	30.010	30.009	30.019	.027	.041	.047	.059	.045	.009	.979	.958	.957	.957	.961	29.967	29.975	29.993	29.998	.001	29.999	29.993	.004
" 30,...	29.988	29.989	29.979	29.968	29.979	29.989	.011	.021	.043	.034	.017	29.983	.949	.942	.941	.943	.955	.959	.967	.971	.970	29.977	.975	.971	29.980
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,.....	29.994	29.983	29.977	29.974	29.981	29.996	30.011	30.025	30.040	30.039	30.024	29.999	29.971	29.955	29.949	29.952	29.960	29.970	29.988	30.000	30.010	30.012	30.009	30.002	29.993

TABLE II.

TEMPERATURE, FOR THE MONTH OF NOVEMBER, 1911.

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,	74.6	74.6	74.4	74.4	74.6	74.5	74.6	75.5	76.0	77.3	74.3	74.7	74.6	73.4	73.3	71.8	72.0	71.8	72.0	72.5	72.6	73.5	73.3	72.4	73.9	78.5	71.8
" 2,	71.7	71.3	71.1	70.7	70.5	70.7	71.5	72.0	74.0	74.0	73.8	73.5	74.8	74.2	73.7	74.0	73.0	73.2	73.3	73.0	73.0	73.1	73.0	72.5	72.7	74.9	70.2
" 3,	72.5	72.3	71.7	71.6	72.0	70.4	70.2	70.4	71.5	71.6	72.5	72.1	73.4	73.0	72.5	71.8	71.3	71.3	71.5	71.5	71.8	71.8	71.8	71.6	71.8	74.0	69.7
" 4,	71.6	71.4	71.6	71.3	70.4	70.5	71.0	71.0	72.7	72.0	73.3	72.2	73.6	73.0	72.8	72.4	71.6	71.6	70.5	71.0	71.3	70.7	70.6	70.9	71.6	73.6	70.4
" 5,	71.1	71.3	70.8	70.6	69.8	70.0	70.4	72.1	72.4	74.2	74.4	74.7	74.2	73.5	73.3	73.5	72.8	71.6	71.6	71.6	70.9	70.6	70.7	69.0	71.9	75.3	68.9
" 6,	68.2	67.7	67.2	66.8	67.0	66.8	67.3	67.8	69.8	72.0	73.9	74.6	74.1	74.9	74.3	74.8	72.6	71.6	70.7	69.4	69.4	68.2	68.6	67.6	70.2	75.5	66.8
" 7,	66.8	66.1	65.6	65.1	64.6	63.4	65.0	66.3	70.2	70.1	70.7	70.5	71.0	70.0	70.0	70.0	68.5	67.0	67.3	66.8	66.2	65.0	64.7	64.6	67.3	72.2	63.3
" 8,	64.2	64.1	63.8	63.7	64.0	63.6	65.5	67.2	68.7	70.1	71.9	72.2	71.0	70.5	70.2	69.5	68.3	67.8	66.5	66.5	65.8	65.8	65.7	65.6	67.2	72.3	62.8
" 9,	64.6	64.6	64.6	64.2	64.6	64.7	66.1	68.3	70.6	72.0	72.8	73.9	72.3	71.7	70.8	70.1	69.0	68.0	67.2	67.1	66.3	66.5	65.8	65.5	68.0	73.9	64.1
" 10,	65.6	65.8	65.8	65.6	65.8	66.4	67.0	68.9	69.6	71.0	72.3	72.0	71.7	71.0	70.6	70.2	69.7	69.3	69.5	69.5	69.5	69.5	69.7	69.7	69.0	73.2	65.4
" 11,	69.8	69.6	69.5	69.1	69.0	68.9	68.6	69.3	70.0	70.4	71.6	72.0	73.2	71.1	72.0	71.1	70.2	69.4	70.0	70.1	70.3	70.6	71.0	71.2	70.3	73.3	68.3
" 12,	70.9	70.7	70.9	71.0	71.0	70.9	70.7	71.8	72.0	73.2	74.6	76.9	74.5	74.9	75.0	74.0	72.8	72.2	72.0	72.1	72.3	72.5	72.5	72.7	72.6	76.9	70.4
" 13,	72.6	72.8	72.6	72.4	72.2	72.7	70.0	69.8	70.2	69.7	69.4	69.0	69.6	69.5	69.5	70.0	70.2	70.5	71.5	71.8	71.7	71.6	72.3	72.5	71.0	73.1	68.5
" 14,	72.5	71.6	71.8	71.6	71.8	71.4	71.7	71.9	72.6	73.0	72.8	73.5	74.0	73.7	73.2	71.0	71.5	71.6	71.6	69.0	69.7	69.8	71.8	72.4	71.9	74.1	68.3
" 15,	72.4	72.6	71.5	72.1	72.5	72.5	72.5	72.6	73.5	74.3	74.0	74.8	75.6	75.6	72.2	73.8	73.2	73.4	73.7	73.7	73.4	73.5	72.8	72.8	73.3	75.7	70.6
" 16,	73.0	72.6	72.1	72.6	72.6	72.4	72.4	75.0	76.3	78.2	78.5	78.0	78.0	77.7	77.5	76.0	73.8	73.0	73.6	73.7	73.6	73.0	73.1	73.3	74.6	78.8	72.0
" 17,	73.1	73.3	73.3	73.3	73.6	73.6	73.7	76.0	78.9	79.2	78.1	78.5	79.0	78.8	79.0	76.7	75.6	76.0	71.8	72.0	71.8	70.0	68.9	69.3	74.7	80.5	68.9
" 18,	68.7	68.6	68.2	67.7	66.6	66.5	67.6	67.0	70.3	73.2	73.9	75.2	75.0	74.0	74.8	73.0	72.2	72.5	70.0	69.7	69.8	69.6	69.2	69.1	70.5	76.4	66.2
" 19,	69.0	68.4	66.7	66.6	67.2	67.3	67.9	68.4	69.5	72.5	73.2	72.0	72.9	73.2	73.0	72.4	71.0	70.3	68.5	67.8	68.6	68.6	68.6	68.6	69.7	73.5	66.1
" 20,	67.7	66.6	66.0	65.6	64.6	64.5	65.6	68.0	69.3	70.7	73.7	74.9	74.5	75.2	75.0	72.7	70.7	70.0	70.1	70.0	70.6	71.0	70.7	70.6	69.9	75.2	64.5
" 21,	70.4	70.5	70.0	69.7	69.6	69.5	69.1	69.6	70.0	71.0	72.4	73.8	73.3	72.8	70.6	71.4	70.0	69.7	70.2	70.4	70.2	70.2	70.6	70.6	70.6	73.9	69.1
" 22,	70.4	70.2	70.4	70.0	69.7	69.5	69.6	70.4	71.4	72.0	73.8	75.3	77.0	75.0	75.0	75.0	72.5	71.5	71.6	71.8	70.8	69.8	68.3	67.0	71.6	77.0	67.0
" 23,	66.7	66.8	66.4	66.0	64.0	63.3	64.2	65.8	67.8	69.5	71.3	71.5	72.0	71.0	71.4	71.0	68.0	65.5	64.2	62.8	60.8	60.7	59.6	58.3	66.2	73.2	58.3
" 24,	57.9	57.6	57.4	57.4	55.7	56.4	57.1	60.3	62.5	66.3	66.7	66.5	68.3	67.9	67.0	67.1	65.8	65.4	64.5	64.7	64.7	63.9	64.5	63.4	62.9	70.1	55.7
" 25,	62.9	62.7	63.7	63.1	62.6	62.1	62.0	63.6	63.2	65.6	67.0	66.8	65.0	63.9	61.7	60.8	59.0	60.0	60.0	59.9	60.0	60.0	59.8	60.3	62.3	67.3	59.0
" 26,	60.0	59.8	59.6	59.7	59.0	59.2	59.8	60.0	60.2	60.2	61.4	62.2	63.4	64.0	64.1	64.6	64.9	65.4	64.2	64.8	65.0	64.9	63.6	63.9	62.2	65.4	59.0
" 27,	62.9	63.2	63.3	63.6	64.0	64.0	64.6	64.5	64.5	64.6	64.2	64.5	62.5	62.0	61.1	59.8	60.8	62.3	60.9	61.6	61.1	60.4	60.7	60.2	62.6	64.6	59.8
" 28,	60.0	59.7	59.5	59.2	59.2	59.3	58.7	58.9	60.0	61.0	60.5	61.1	62.8	62.5	62.5	62.2	62.0	60.5	61.5	61.5	61.6	61.5	61.7	62.8	60.8	62.8	58.5
" 29,	62.9	62.9	62.9	63.1	63.5	63.8	63.8	64.3	65.0	65.8	65.7	65.0	65.6	65.6	65.5	65.5	65.0	64.0	65.8	65.9	65.2	64.7	64.6	65.1	64.6	66.1	62.6
" 30,	65.6	65.6	65.6	65.7	66.2	66.3	66.2	66.2	67.0	67.5	67.5	67.7	68.3	68.0	67.6	67.0	66.9	66.2	66.6	66.6	67.3	67.6	67.7	67.7	66.9	68.4	65.0
.....	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,	68.0	67.8	67.6	67.4	67.3	67.2	67.5	68.4	69.7	70.7	71.3	71.7	71.8	71.4	71.0	70.4	69.5	69.1	68.7	68.6	68.5	68.3	68.2	68.0	69.1	73.0	65.7

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION, FOR THE MONTH OF NOVEMBER, 1911.

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, ...	72.4	72.2	72.5	72.3	72.0	72.0	72.1	72.2	72.8	73.0	72.4	72.8	72.9	72.6	72.2	70.0	69.6	70.6	70.3	71.1	70.6	71.3	71.3	70.5	71.7	113.4
„ 2, ...	69.9	69.3	69.5	68.9	68.5	67.9	67.4	67.5	68.2	67.2	66.8	67.0	67.3	66.6	67.3	66.8	67.0	68.3	68.0	68.3	68.2	68.7	68.5	68.4	68.0	127.0
„ 3, ...	68.4	68.0	68.3	68.2	68.2	67.9	67.5	67.2	67.0	66.2	65.8	65.8	66.3	66.1	65.4	64.9	65.2	65.2	65.6	65.8	66.0	66.1	66.4	66.4	66.6	121.9
„ 4, ...	66.4	66.3	66.4	66.6	65.9	65.8	66.4	65.8	66.3	66.0	66.2	65.8	65.8	65.0	65.1	65.3	65.4	65.3	65.2	65.3	65.7	65.6	65.9	65.5	65.8	118.8
„ 5, ...	65.9	65.6	65.9	66.0	67.0	66.8	67.2	68.1	68.1	68.5	68.3	68.8	67.8	68.4	68.3	68.8	68.2	68.1	67.7	68.5	66.1	65.9	65.3	64.5	67.2	126.5
„ 6, ...	63.5	62.9	62.2	61.7	60.8	59.1	59.9	60.8	62.6	63.0	64.8	65.4	65.1	65.6	64.8	64.8	63.8	62.9	62.2	60.8	60.9	60.4	59.4	58.5	62.3	120.8
„ 7, ...	58.0	57.5	57.2	56.2	55.5	55.8	57.6	58.1	58.3	58.3	59.2	59.6	61.3	60.2	60.0	60.5	59.8	60.0	59.0	59.0	59.3	59.2	59.9	60.8	58.8	117.7
„ 8, ...	58.4	57.4	57.2	56.9	57.2	56.0	57.4	58.3	59.5	60.3	60.9	60.8	61.0	60.2	60.8	60.2	60.2	60.3	59.4	60.7	60.7	60.9	61.3	61.3	59.5	117.0
„ 9, ...	61.3	61.3	61.3	61.1	61.8	62.1	63.0	63.8	64.4	64.5	63.9	64.4	63.8	63.4	62.4	61.3	61.4	61.6	61.0	60.6	60.9	61.2	61.8	62.3	62.3	125.2
„ 10, ...	62.1	62.1	62.3	62.1	62.7	62.4	63.2	64.1	64.0	63.8	64.8	64.8	65.2	64.6	64.3	62.9	62.3	62.4	61.8	61.3	62.5	63.0	63.2	63.2	63.1	121.3
„ 11, ...	63.3	63.6	63.8	64.0	64.6	64.2	64.3	64.8	65.9	65.8	66.6	67.0	67.2	66.3	66.8	66.6	66.2	66.6	66.8	66.9	66.8	67.4	67.8	67.9	65.9	124.8
„ 12, ...	66.6	67.1	67.9	68.4	68.8	68.6	68.6	69.7	69.0	69.1	69.6	69.9	69.8	70.3	70.2	69.8	69.3	69.1	69.2	69.3	68.4	68.4	69.3	69.5	69.0	130.3
„ 13, ...	69.3	69.3	68.4	68.3	68.5	67.9	68.1	68.3	67.3	67.6	67.5	67.6	67.9	67.6	68.8	67.5	67.6	67.9	68.2	68.5	69.1	69.0	69.1	69.4	68.3	77.0
„ 14, ...	69.5	69.3	69.4	68.6	68.5	69.3	68.8	69.0	69.3	69.3	69.1	69.0	69.8	69.8	69.9	69.0	68.4	68.3	69.0	68.0	68.4	69.0	70.5	70.6	69.2	106.0
„ 15, ...	70.8	70.5	69.8	70.3	70.4	70.8	70.8	71.2	71.5	71.8	72.0	72.3	72.4	72.3	70.1	71.1	71.3	71.5	71.3	71.4	71.2	71.1	69.9	69.4	71.0	112.9
„ 16, ...	68.6	68.8	68.2	68.4	68.4	67.7	68.1	69.3	68.1	69.0	69.3	68.0	68.3	68.1	68.8	70.2	70.1	71.0	69.4	69.6	69.5	70.0	70.0	70.2	69.0	129.0
„ 17, ...	69.8	69.9	69.5	70.1	68.9	69.5	70.1	70.0	70.8	70.0	70.8	71.0	71.3	70.8	71.1	70.8	70.5	71.3	68.5	67.6	66.4	66.6	65.5	65.0	69.4	128.1
„ 18, ...	64.6	63.9	63.8	62.6	62.0	62.0	62.8	62.2	64.1	65.1	65.1	66.1	65.8	66.2	66.6	66.2	65.4	66.1	63.6	64.6	63.4	63.3	63.1	63.1	64.2	124.6
„ 19, ...	63.0	62.8	61.4	61.4	61.1	61.9	61.8	61.6	62.0	63.8	64.0	63.5	64.3	64.6	64.3	64.6	64.3	64.6	63.5	62.5	62.3	63.1	63.5	64.3	63.1	118.2
„ 20, ...	63.8	63.0	62.3	62.1	61.6	61.4	60.5	62.0	62.4	62.6	64.0	64.8	64.8	65.4	65.3	65.1	64.7	64.7	65.1	66.0	66.5	66.5	66.7	66.4	64.1	118.3
„ 21, ...	66.4	66.4	66.4	65.4	64.6	64.6	64.4	65.0	64.5	65.3	65.3	66.6	66.3	66.3	65.1	65.3	64.7	65.2	65.1	66.1	66.1	66.1	66.6	66.6	65.6	122.8
„ 22, ...	66.3	66.6	66.1	65.7	65.4	65.7	65.9	65.3	66.0	66.8	66.3	67.8	68.9	68.0	68.3	68.7	68.1	67.5	67.8	68.1	67.0	66.5	64.5	62.7	66.7	121.9
„ 23, ...	62.7	62.2	62.0	61.5	59.4	59.0	58.8	59.6	60.9	60.0	60.6	60.8	60.8	59.8	60.0	58.5	56.8	55.8	55.1	54.2	53.5	53.4	52.3	51.5	58.3	118.1
„ 24, ...	50.8	50.5	50.0	50.3	50.6	50.1	50.0	51.4	52.4	55.0	55.2	54.8	56.8	56.8	57.7	58.5	58.2	58.0	57.8	57.6	57.8	57.7	57.3	57.4	54.7	111.1
„ 25, ...	57.2	56.8	56.6	57.7	58.4	58.8	58.9	50.6	60.0	61.3	62.2	61.8	61.1	61.1	60.2	58.6	58.0	58.6	58.2	58.5	58.6	58.4	58.3	59.2	59.1	92.2
„ 26, ...	58.7	58.7	58.6	58.5	58.2	58.2	58.2	58.8	58.1	58.0	58.3	58.6	58.3	58.5	58.6	59.0	59.5	61.1	62.0	62.3	61.8	61.7	61.3	61.6	59.4	110.4
„ 27, ...	61.6	62.0	62.2	62.6	63.0	63.2	63.5	63.4	63.5	63.2	63.1	63.3	61.1	60.6	60.0	57.5	57.6	59.2	59.5	60.4	59.8	59.0	59.5	59.1	61.2	76.0
„ 28, ...	58.7	58.5	58.3	57.9	57.8	57.0	57.6	56.8	57.1	58.4	58.1	59.1	60.8	60.6	60.8	60.1	60.3	59.1	60.2	60.2	60.5	60.5	60.5	60.9	59.2	84.9
„ 29, ...	61.0	61.3	61.8	61.8	62.2	61.5	61.6	61.8	61.8	62.0	61.8	61.8	62.5	62.3	62.2	60.9	61.3	61.0	61.0	60.8	62.6	62.7	63.3	63.5	61.9	84.4
„ 30, ...	63.5	63.5	63.5	63.9	64.3	64.6	63.6	63.7	64.3	64.8	64.8	64.8	65.6	65.4	65.4	65.0	65.2	64.6	65.5	65.6	65.7	65.7	66.1	65.6	64.8	83.9
Means, ...	64.1	63.9	63.8	63.6	63.5	63.4	63.6	64.0	64.3	64.7	64.9	65.1	65.3	65.1	65.0	64.6	64.3	64.5	64.2	64.3	64.2	64.3	64.3	64.2	64.3	112.8

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR, FOR THE MONTH OF NOVEMBER, 1911.

Hours.	Hourly Means.		Date.	Daily Means.	
	Humidity.	Tension.		Humidity.	Tension.
			1911.		
1 a.	80	0.553	Nov. 1,.....	89	0.749
2 „	80	.550	„ 2,.....	77	.623
3 „	81	.549	„ 3,.....	75	.584
4 „	80	.545	„ 4,.....	72	.559
5 „	80	.543	„ 5,.....	77	.605
6 „	80	.541	„ 6,.....	62	.457
7 „	80	.544	„ 7,.....	58	.385
8 „	77	.544	„ 8,.....	61	.408
9 „	73	.538	„ 9,.....	71	.487
10 „	71	.538	„ 10,.....	70	.500
11 „	69	.538	„ 11,.....	78	.580
Noon.	69	.546	„ 12,.....	83	.662
1 p.	69	.545	„ 13,.....	87	.657
2 „	70	.543	„ 14,.....	87	.679
3 „	71	.545	„ 15,.....	89	.729
4 „	71	.538	„ 16,.....	74	.635
5 „	74	.540	„ 17,.....	75	.649
6 „	77	.553	„ 18,.....	69	.518
7 „	77	.547	„ 19,.....	68	.491
8 „	78	.552	„ 20,.....	71	.522
9 „	78	.550	„ 21,.....	76	.565
10 „	79	.556	„ 22,.....	76	.591
11 „	80	.558	„ 23,.....	60	.383
Midt.	80	.557	„ 24,.....	56	.321
			„ 25,.....	82	.460
			„ 26,.....	84	.471
			„ 27,.....	92	.523
			„ 28,.....	90	.483
			„ 29,.....	85	.519
			„ 30,.....	89	.586
			.....	...	...
Mean, ...	76	0.546	Means,.....	76	0.546

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.
1911.														
Nov. 1,.....	...	...	...	...	0.3	...	...	...	...	...	...	...	...	0.3
„ 2,.....	...	...	0.5	1.0	0.8	1.0	1.0	1.0	1.0	0.7	0.9	...	...	7.9
„ 3,.....	...	...	...	...	...	...	0.2	1.0	0.2	...	0.3	...	...	1.7
„ 4,.....	...	0.1	0.6	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.7	...	9.3
„ 5,.....	...	0.3	1.0	1.0	1.0	1.0	1.0	0.7	...	...	...	...	...	6.0
„ 6, ...	...	0.7	...	...	0.2	0.6	0.7	0.5	0.6	0.2	0.5	0.2	...	3.5
„ 7,.....	...	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	...	10.3
„ 8,.....	...	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	...	10.2
„ 9,.....	...	0.1	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	...	9.2
„ 10,.....	...	0.1	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.7	...	9.7
„ 11,.....	...	...	...	...	0.1	0.9	0.9	1.0	1.0	1.0	1.0	0.4	...	6.4
„ 12,.....	...	...	0.1	0.1	0.3	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	7.0
„ 13,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 14,.....	...	...	...	...	0.4	0.3	0.5	...	...	...	...	...	...	1.2
„ 15,.....	...	0.1	...	...	0.1	0.3	0.8	1.0	0.9	0.1	0.2	0.1	...	3.5
„ 16,.....	...	...	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	...	9.0
„ 17,.....	...	...	0.7	1.0	1.0	0.9	...	0.1	1.0	...	...	...	...	4.7
„ 18,.....	...	...	0.1	0.7	1.0	0.9	1.0	0.9	0.6	1.0	0.4	...	...	6.6
„ 19,.....	...	..	...	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	...	7.9
„ 20,.....	...	...	0.4	0.4	1.0	0.8	1.0	1.0	1.0	1.0	1.0	0.6	...	8.2
„ 21,.....	...	...	...	0.6	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.6	...	8.1
„ 22,.....	...	0.5	...	0.1	0.2	0.9	1.0	1.0	1.0	1.0	1.0	0.5	...	6.7
„ 23,.....	...	...	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	...	10.2
„ 24,.....	...	...	0.8	1.0	1.0	1.0	1.0	0.6	0.6	0.1	0.2	...	...	6.3
„ 25,.....	...	...	...	...	0.2	...	...	...	...	...	...	...	...	0.2
„ 26,.....	...	...	...	...	...	...	0.3	0.1	0.4	0.2	...	...	...	1.0
„ 27,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 28,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 29,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 30,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...		...
Sums,.....	...	2.6	9.5	13.1	16.3	18.6	19.4	18.9	18.3	15.3	15.5	7.6	...	155.1

TABLE VI.

RAINFALL FOR THE MONTH OF NOVEMBER, 1911.

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,	...	...	...	...	...	...	...	...	...	0.185	0.095	0.030	0.040	0.035	0.125	0.090	0.035	0.030	...	0.015	...	...	0.100	...	0.780	11
„ 2,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5
„ 3,	...	...	...	...	0.005	0.010	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.015	2
„ 4,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 5,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 6,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 7,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 8,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 9,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 10,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 11,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 12,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 13,	...	...	...	...	...	...	0.075	0.020	...	...	0.015	0.030	...	0.020	0.015	...	...	...	...	...	...	...	...	...	0.175	6
„ 14,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.050	0.080	0.005	0.010	...	0.145	2
„ 15,	...	0.020	0.070	...	0.005	...	0.005	0.035	0.010	...	0.020	...	...	...	...	...	...	...	...	...	...	...	...	...	0.165	2
„ 16,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 17,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.010	...	...	...	...	...	0.010	1
„ 18,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 19,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 20,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 21,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 22,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 23,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 24,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 25,	...	...	...	0.005	...	0.030	0.025	...	0.010	...	...	0.005	...	0.030	0.075	0.055	0.080	0.040	0.015	0.020	...	0.005	0.005	0.045	0.445	14
„ 26.	0.060	0.030	0.070	0.075	...	0.005	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	...	0.250	12
„ 27,	0.010	...	0.010	0.005	0.085	0.120	0.060	0.080	0.015	0.045	0.015	0.010	0.010	0.070	0.040	...	...	0.020	0.025	...	...	0.005	...	0.030	0.655	22
„ 28,	0.010	0.005	...	0.005	...	...	0.005	...	...	...	..	...	...	...	...	...	...	...	...	...	0.005	...	...	...	0.030	4
„ 29,	...	0.010	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	0.010	...	...	0.025	3
„ 30,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	0.010	...	0.005	...	...	0.005	...	0.025	8
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums, ...	0.080	0.065	0.150	0.090	0.095	0.165	0.170	0.140	0.035	0.230	0.145	0.075	0.050	0.155	0.255	0.145	0.120	0.100	0.050	0.090	0.090	0.025	0.125	0.075	2.720	92

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND, FOR THE MONTH OF NOVEMBER, 1911.

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,	10	4	13	5	13	3	13	4	12	4	...	0	12	2	12	4	13	7	7	10	9	9	6	11	5	9	4	12	6	7	7	11	6	6	10	3	8	7	8	16	8	12	7	15	7	20	7	29	210	8.7	8
" 2.	7	29	7	22	6	24	7	26	7	31	6	27	7	32	6	30	6	27	7	34	6	27	7	28	8	24	8	23	9	19	9	15	7	14	8	13	7	12	7	12	8	15	8	16	8	17	8	19	556	22.3	7
" 3,	9	19	9	15	8	18	7	20	7	22	7	20	8	16	7	27	8	23	7	27	7	24	7	26	7	21	7	21	7	16	7	14	7	15	7	16	7	15	7	17	7	14	8	13	8	16	8	15	450	18.7	7
" 4,	7	15	7	15	7	20	7	18	8	20	8	20	7	14	6	15	7	17	8	19	7	19	8	20	8	16	10	19	10	20	10	18	10	18	7	12	7	8	8	11	8	11	7	9	6	9	8	15	378	15.8	8
" 5,	8	17	7	14	7	14	7	12	7	12	7	11	7	11	8	13	7	14	8	12	9	14	9	15	9	16	9	10	9	7	9	7	10	6	10	6	...	1	...	0	2	10	5	5	32	3	32	8	238	9.9	7
" 6,	1	15	32	11	31	8	32	10	3	14	1	12	1	17	1	14	1	9	32	6	32	4	30	5	23	5	7	4	2	6	32	7	1	10	2	11	2	13	32	14	2	10	1	11	3	9	3	11	236	9.8	1
" 7,	2	10	1	8	1	10	1	7	2	16	2	3	32	5	5	9	8	7	5	15	8	16	9	13	11	15	11	18	11	12	12	15	11	12	11	7	12	5	8	3	...	0	13	3	...	1	...	1	211	8.8	8
" 8,	...	0	7	2	2	7	...	1	...	0	2	2	7	5	5	12	5	10	8	15	9	13	10	18	10	16	11	15	9	20	9	16	8	13	9	7	...	1	...	1	...	0	...	1	...	1	...	1	177	7.4	8
" 9,	...	1	...	0	...	0	...	0	...	1	...	0	...	0	4	7	5	9	5	11	11	12	10	16	10	16	10	17	10	17	11	14	12	11	12	6	13	8	14	6	14	4	...	1	...	0	14	2	159	6.6	10
" 10,	...	1	...	1	...	1	...	1	...	1	6	9	6	12	7	17	7	16	8	13	9	14	8	17	10	17	10	19	10	20	10	19	8	22	9	20	9	22	9	26	9	27	8	24	8	25	8	24	368	15.3	9
" 11,	8	28	8	26	6	22	7	22	7	20	7	20	8	23	7	22	7	19	6	22	7	18	8	18	8	18	7	21	8	18	7	18	8	20	7	20	8	18	7	16	7	15	7	15	8	15	8	16	470	19.6	7
" 12,	7	13	7	10	7	11	7	14	7	13	8	14	8	16	7	19	6	14	7	20	8	17	11	19	10	17	10	18	11	17	9	13	8	14	7	12	7	13	8	16	8	17	8	14	9	19	9	23	373	15.5	8
" 13,	8	22	9	27	8	22	7	18	7	18	7	17	7	21	7	18	7	17	7	24	7	27	7	26	7	29	7	25	8	27	7	26	7	28	7	30	7	30	7	30	7	29	7	28	7	26	7	30	595	24.8	7
" 14,	7	24	8	25	7	22	7	28	7	24	8	23	8	17	9	21	7	18	7	19	7	21	8	14	8	15	6	18	8	19	7	14	8	13	6	13	7	11	5	12	7	3	7	3	6	15	7	19	411	17.1	7
" 15,	7	18	7	20	7	16	7	23	6	21	7	24	7	21	7	26	8	19	8	17	7	20	7	23	10	22	10	18	7	15	7	17	6	14	6	11	7	16	8	17	7	15	7	14	7	16	7	15	438	18.2	7
" 16,	9	12	8	15	7	20	7	12	9	13	8	14	8	13	9	9	8	12	8	15	8	17	7	19	8	18	8	17	8	18	7	21	7	18	7	19	6	12	7	10	8	17	7	16	7	12	8	11	360	15.0	8
" 17,	9	7	9	8	10	4	...	1	...	1	...	1	...	1	...	0	10	4	9	11	9	9	10	8	10	7	9	13	10	13	10	3	10	8	8	14	4	7	9	5	3	4	32	12	1	9	2	7	157	6.5	8
" 18,	2	10	1	8	1	10	2	7	1	8	1	11	1	6	32	9	32	8	32	5	32	7	12	4	13	5	21	10	24	9	24	10	21	5	21	4	8	6	2	5	2	7	3	6	2	5	2	5	170	7.1	32
" 19,	2	5	2	7	1	6	2	6	2	7	4	2	4	7	4	4	2	7	6	9	4	11	10	15	9	16	11	14	11	11	8	10	9	14	10	9	1	3	1	5	3	5	4	7	7	6	6	9	195	8.1	6
" 20,	5	9	4	7	3	7	2	4	2	4	2	6	2	10	2	5	2	5	4	5	10	8	9	11	10	11	10	12	10	15	8	19	10	18	8	13	8	13	7	17	7	19	8	20	8	25	7	24	287	12.0	7
" 21,	7	27	8	24	8	24	7	25	7	23	7	22	7	27	8	21	7	24	7	26	8	19	9	19	10	21	10	21	8	15	8	17	7	18	7	15	5	14	7	13	7	12	5	9	7	14	7	15	465	19.4	8
" 22,	9	18	8	14	8	18	8	17	8	14	6	12	7	12	5	10	7	7	10	11	10	8	10	9	10	6	7	6	9	6	8	5	8	9	7	3	...	1	25	8	27	13	29	9	27	17	28	20	253	10.5	7
" 23,	28	14	28	14	29	15	27	13	30	11	31	7	2	2	31	5	32	6	30	11	27	10	32	10	28	11	9	16	29	13	31	13	31	13	32	11	1	14	2	11	2	9	1	2	30	4	32	7	242	10.1	30
" 24,	32	10	1	4	2	11	1	8	1	6	32	6	32	4	32	7	1	7	32	3	24	4	26	4	...	1	28	4	8	5	13	4	...	1	13	2	32	2	32	2	30	7	30	3	30	2	30	2	109	4.5	32
" 25,	31	5	...	1	...	1	32	3	...	1	...	1	...	0	6	4	30	3	32	2	32	6	3	2	1	5	3	5	1	5	1	9	32	5	5	3	2	6	3	3	32	3	32	4	3	4	3	4	85	3.5	1
" 26,	3	5	5	7	32	9	2	5	6	5	2	5	4	9	3	5	5	12	4	19	5	17	6	21	7	19	6	26	6	22	5	17	6	29	7	28	7	25	6	27	6	18	5	12	7	20	7	20	381	15.9	6
" 27,	7	20	8	28	7	22	7	28	7	29	6	26	6	28	6	30	6	22	6	20	4	9	32	9	1	10	29	8	32	8	1	11	3	15	2	5	29	2	...	0	...	1	29	7	...	0	...	0	337	14.0	5
" 28,	1	4	1	2	...	1	...	1	...	1	1	3	1	5	...	1	1	3	32	6	32	6	32	3	...	1	23	3	...	0	23	2	6	3	4	5	31	3	...	0	...	0	...	0	31	2	6	9	64	2.7	1
" 29,	7	12	4	10	7	13	7	15	7	21	7	21	7	19	6	19	7	18	7	20	6	20	6	18	7	23	6	24	7	26	7	27	7	27	7	26	7	29	7	29	7	28	7	27	7	28	7	26	526	21.9	7
" 30,	7	29	7	30	7	29	7	33	7	32	7	32	7	30	7	28	7	28	7	30	7	27	7	25	7	21	7	19	7	20	7	20	6	17	7	21	6	19	7	22	7	27	7	25	7	19	7	22	605	25.2	7
Sums,	...	403	...	380	...	388	...	382	...	393	...	370	...	385	...	411	...	392	...	457	...	433	...	446	...	431	...	455	...	426	...	412	...	416	...	365	...	336	...	354	...	352	...	331	...	359	...	409	9486	395.2	...
Means,	...	13.4	...	12.7	...	12.9	...	12.7	...	13.1	...	12.3	...	12.8	...	13.7	...	13.1	...	15.2	...	14.4	...	14.9	...	14.4	...	15.2	...	14.2	...	13.7	...	13.9	...	12.2	...	11.2	...	11.8	...	11.7	...	11.0	...	13.0	...	13.6	316.2	13.2	...

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
1911.												
Nov. 1, ...	3	cum.	...	4	cum.	...	10	sm-cum. / cum.	W / SE	10	cum.	SE
„ 2, ...	10	nim.	E	10	nim.	E	10	cum.	E	8	sm-cum. / cum.	WNW / E
„ 3, ...	10	cum-nim.	E	10	cum.	E	10	cum.	E	10	cum.	E
„ 4, ...	10	cum.	E	10	cum.	E	8	cum.	E	6	cum.	E
„ 5, ...	2	cum.	E	3	cum.	E	3	cum.	E	3	cum.	E
„ 6, ...	6	sm-cum.	WNW	9	sm-cum.	W	10	sm-cum.	NNW	10	sm-cum.	...
„ 7, ...	3	cum.	E	0	...	...	0	...	...	0	...	...
„ 8, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 9, ...	0	...	...	0	...	...	6	sm-cum. / cum.	NW / E	4	cum.	ENE
„ 10, ...	1	cum.	...	0	...	...	2	cum.	...	5	cum.	E
„ 11, ...	5	cum.	E	10	cum.	E	6	c-cum. / cum.	E	9	cum.	ESE
„ 12, ...	10	cum.	E	10	cum.	E	10	sm-cum. / cum.	ESE	8	cum.	ESE
„ 13, ...	7	cum.	E	3	cum.	E	10	nim.	E	10	cum-nim.	E
„ 14, ...	8	cum.	ESE	10	cum.	SE	10	cum.	ESE	10	cum.	SE
„ 15, ...	9	cum.	E	10	cum.	E	10	nim.	E	10	cum.	ESE
„ 16, ...	10	cum.	ESE	9	cum.	ESE	4	cum.	E	6	cum.	E
„ 17, ...	2	cum.	...	6	cum.	E	8	cum.	E	7	sm-cum. / cum.	E
„ 18, ...	10	cum.	E	10	cum.	E	10	cum.	E	4	cum.	E
„ 19, ...	10	cum.	...	7	cum.	ENE	10	cum.	E	4	cum.	ENE
„ 20, ...	10	cum.	E	10	cum.	E	9	sm-cum. / cum.	SE	6	sm-cum.	WSW
„ 21, ...	10	cum.	E	10	cum.	E	10	cum.	E	8	cum.	E
„ 22, ...	10	cum.	E	7	cum.	E	10	cum.	E	7	sm-cum. / cum.	WSW / E
„ 23, ...	10	cum.	E	10	sm-cum. / cum.	E	3	sm-cum. / cum.	W / ..	1	cum.	...
„ 24, ...	0	...	...	0	...	...	6	sm-cum.	W	2	sm-cum.	...
„ 25, ...	7	cum.	...	10	nim.	...	10	nim.	...	10	str-cum.	SE
„ 26, ...	10	nim.	E	10	nim.	ENE	10	cum.	ENE	10	nim.	E
„ 27, ...	10	nim.	...	10	nim.	...	10	nim.	E	10	nim.	E
„ 28, ...	10	nim.	...	10	nim.	...	10	nim.	...	10	str-cum.	...
„ 29, ...	10	cum-nim.	...	10	cum-nim.	...	10	cum.	E	10	cum.	E
„ 30, ...	10	cum-nim.	ESE	10	cum-nim.	ESE	10	cum-nim.	E	10	cum-nim.	E
.....	...	...	...	...	...	...	...	...	...	...	...	...
Means,...	7.1	...	...	7.3	...	...	7.8	...	...	6.9	...	...

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	
1911.													
Nov. 1,...	10	nim.	SSE	10	nim.	ESE	10	nim.	ESE	10	cum-nim.	ESE	8.4
„ 2,...	2	c-str. / sm-cum.	...	6	c-cum. / sm-cum. / cum.	.. / W / E	10	cum.	E	10	cum.	E	8.2
„ 3,...	9	cum.	ENE	10	cum.	ENE	10	cum.	ENE	10	cum.	ENE	9.9
„ 4,...	2	cum.	...	0	...	...	0	...	...	3	cum.	E	4.9
„ 5,...	10	cum.	E	10	cum.	NE	10	sm-cum.	NNE	10	sm-cum. / cum.	NNE / ..	6.4
„ 6,...	8	sm-cum. / cum.	E	4	sm-cum. / cum.	NNE / E	9	sm-cum. / cum.	E	1	cum.	...	7.1
„ 7,...	1	c-str.	...	0	...	...	0	...	...	0	...	...	0.5
„ 8,...	1	cum.	...	0	...	...	0	...	...	1	cum.	...	0.3
„ 9,...	2	cum.	...	1	cum.	...	0	...	...	1	cum.	...	1.7
„ 10,...	2	cum.	E	0	...	...	0	...	...	4	cum.	E	1.8
„ 11,...	4	cum.	E	4	cum.	E	2	cum.	...	3	cum.	E	5.4
„ 12,...	7	cum.	E	7	cum.	E	5	cum.	E	7	cum.	E	8.0
„ 13,...	10	cum-nim.	E	10	cum-nim.	E	10	cum-nim.	E	10	cum.	E	8.7
„ 14,...	10	cum.	ESE	10	cum-nim.	E	10	cum.	E	9	cum.	...	9.6
„ 15,...	8	cum.	ESE	8	cum.	ESE	6	cum.	ESE	7	cum.	ESE	8.5
„ 16,...	4	cum.	ESE	6	cum.	ESE	3	cum.	...	2	cum.	...	5.5
„ 17,...	8	sm-cum. / cum.	WSW / E	8	sm-cum. / cum.	SW / E	10	nim.	E	10	cum-nim.	...	7.4
„ 18,...	7	sm-cum. / cum.	E	8	sm-cum. / cum.	NE	2	cum.	...	10	cum.	...	7.6
„ 19,...	2	cum.	...	1	cum.	...	0	...	...	8	cum.	E	5.3
„ 20,...	1	cum.	...	1	cum.	...	4	c-str.	...	10	cum.	E	6.4
„ 21,...	4	cum.	E	4	cum.	E	9	cum.	E	7	cum.	E	7.7
„ 22,...	5	sm-cum. / cum.	NW / ..	8	cum.	...	1	cum.	...	0	...	...	5.4
„ 23,...	0	...	...	1	cum.	...	0	...	...	0	...	...	3.1
„ 24,...	9	sm-cum.	W	8	sm-cum.	WNW	9	sm-cum.	WNW	8	cum.	...	5.8
„ 25,...	10	nim.	...	10	nim.	...	10	nim.	...	10	nim.	...	9.6
„ 26,...	10	cum.	E	10	cum.	ENE	10	cum.	...	10	cum-nim.	...	10.0
„ 27,...	10	nim.	E	10	nim.	E	10	nim.	...	10	nim.	...	10.0
„ 28,...	10	nim.	ENE	10	cum.	E	10	cum.	E	10	cum-nim.	...	10.0
„ 29,...	10	cum.	E	10	cum.	ESE	10	cum.	ESE	10	nim.	ESE	10.0
„ 30,...	10	cum.	E	10	nim.	E	10	nim.	...	10	nim.	E	10.0
.....	...	...	...	...	...	...	...	...	...	...	...	...	...
Means,...	6.2	...	...	6.0	...	...	6.0	...	...	6.7	...	...	6.8

TABLE IX.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR THE MONTH OF NOVEMBER, 1911.

Hours.	Components (miles per hour).						Direction.
	N	E	S	W	+N −S	+E −W	
1 a.	3.8	11.2	0.4	0.4	+ 3.4	+10.8	E 17° N
2 „	2.9	10.7	0.5	0.3	2.4	10.4	E 13° N
3 „	4.2	10.4	0.1	0.3	4.1	10.1	E 22° N
4 „	3.7	10.7	0.1	0.4	3.6	10.4	E 19° N
5 „	4.0	11.3	0.2	0.1	3.8	11.1	E 19° N
6 „	3.9	10.5	0.0	0.0	3.9	10.5	E 20° N
7 „	3.7	11.1	0.0	0.0	3.7	11.1	E 18° N
8 „	4.6	11.8	0.3	0.0	4.3	11.8	E 20° N
9 „	4.1	11.3	0.3	0.0	3.8	11.2	E 19° N
10 „	4.1	13.4	0.2	0.1	3.9	13.3	E 17° N
11 „	3.4	12.6	0.9	0.4	2.5	12.2	E 12° N
Noon.	2.6	13.3	1.7	0.2	+ 0.9	13.1	E 4° N
1 p.	1.7	12.8	2.3	0.4	− 0.7	12.3	E 3° S
2 „	2.6	13.0	2.9	0.8	− 0.3	12.2	E 1° S
3 „	1.9	12.4	2.2	0.5	− 0.3	11.8	E 2° S
4 „	2.7	11.7	1.6	0.5	+ 1.2	11.2	E 6° N
5 „	3.0	12.1	1.3	0.2	1.7	11.9	E 8° N
6 „	2.7	11.0	0.8	0.1	1.9	10.9	E 10° N
7 „	3.3	9.6	0.5	0.1	2.8	9.5	E 16° N
8 „	3.0	10.1	0.4	0.3	2.6	9.9	E 15° N
9 „	3.1	9.8	0.3	0.5	2.8	9.4	E 17° N
10 „	3.3	9.0	0.1	0.3	3.3	8.7	E 21° N
11 „	2.8	10.3	0.1	0.6	2.7	9.8	E 15° N
Midt.	3.3	11.7	0.2	0.5	+ 3.1	+11.2	E 16° N
Means,.....	3.3	11.3	0.7	0.3	+ 2.55	+11.03	E 13° N

PHENOMENA :—

Dew :—on the 9th and 10th.

TABLE I.

BAROMETRIC PRESSURE, FOR THE MONTH OF DECEMBER, 1911.

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,...	29.961	29.959	29.952	29.949	29.956	29.965	29.980	30.001	30.007	30.007	29.989	29.961	29.931	29.911	29.906	29.907	29.913	29.929	29.947	29.961	29.975	29.973	29.960	29.961	29.957
" 2,...	.949	.945	.935	.937	.937	.949	.961	29.981	29.983	29.982	.977	.949	.913	.889	.877	.880	.899	.909	.933	.955	.967	.969	.967	.960	.942
" 3,...	.955	.951	.947	.945	.955	.971	.981	30.001	30.008	30.005	.995	.963	.935	.919	.905	.901	.909	.923	.937	.951	.949	.941	.925	.917	.950
" 4,...	.903	.899	.899	.893	.903	.909	.925	29.949	29.969	29.965	.951	.912	.877	.856	.850	.844	.854	.868	.884	.886	.889	.890	.892	.892	.898
" 5,...	.896	.886	.882	.886	.900	.920	.932	.948	.966	.960	.948	.912	.880	.858	.854	.852	.862	.882	.900	.908	.923	.934	.945	.944	.907
" 6,...	.944	.938	.930	.930	.934	.944	.966	.982	30.000	30.004	.992	.959	.930	.909	.887	.899	.921	.941	.951	.961	.961	.965	.967	.971	.949
" 7,...	.971	.965	.961	.963	.965	.971	.987	30.009	.027	.029	30.016	.987	.957	.935	.929	.934	.947	.951	.966	.975	.983	.981	.984	.985	.974
" 8,...	.990	.987	.979	.970	.983	30.001	30.019	.033	.027	.025	29.999	.971	.937	.913	.903	.909	.923	.933	.950	.969	.973	.974	.967	.977	.971
" 9,...	.968	.961	.941	.943	.949	29.959	29.975	29.983	29.991	29.993	.975	.950	.927	.911	.897	.909	.923	.941	.965	.981	.997	.993	.996	.993	.959
" 10,...	.993	.987	.976	.977	.989	.999	30.021	30.039	30.047	30.047	30.029	30.004	.970	.957	.952	.958	.976	30.000	30.019	30.032	30.042	30.038	30.038	30.039	30.005
" 11,...	30.036	30.034	30.026	30.022	30.022	30.035	.046	.072	.086	.072	.052	.026	.998	.977	.968	.974	.982	29.989	.014	.048	.052	.037	.050	.052	.028
" 12,...	.050	.048	.041	.044	.044	.064	.084	.103	.116	.103	.082	.050	30.017	.997	.993	30.005	30.024	30.035	.043	.051	.055	.051	.047	.041	.049
" 13,...	.039	.027	.016	.013	.023	.035	.048	.075	.084	.083	.061	.039	.006	.981	.976	29.977	29.985	.001	.021	.045	.049	.053	.053	.057	.031
" 14,...	.061	.063	.069	.075	.089	.103	.121	.147	.161	.161	.147	.117	.078	30.055	30.043	30.049	30.063	.083	.101	.121	.141	.154	.171	.167	.106
" 15,...	.173	.173	.168	.173	.185	.191	.203	.223	.233	.219	.191	.151	.113	.095	.085	.090	.098	.109	.133	.151	.161	.159	.159	.159	.158
" 16,...	.161	.151	.143	.145	.143	.153	.161	.179	.196	.193	.169	.144	.114	.100	.092	.086	.098	.105	.120	.134	.143	.140	.130	.114	.138
" 17,...	.108	.104	.104	.103	.109	.114	.127	.136	.140	.139	.120	.078	.043	.024	.012	.014	.022	.028	.032	.048	.052	.062	.062	.053	.076
" 18,...	.044	.040	.033	.038	.036	.040	.061	.070	.074	.072	.046	.018	29.993	29.971	29.965	29.971	29.973	29.977	29.987	.001	.015	.023	.013	.015	.020
" 19,...	.027	.019	29.993	29.999	.003	.003	.021	.041	.060	.061	.039	.009	.974	.952	.953	.959	.965	.971	.981	29.993	.005	.013	.003	.003	.002
" 20,...	.009	.007	30.008	30.013	.021	.041	.067	.063	.087	.093	.077	.066	30.041	30.027	30.031	30.047	30.057	30.065	30.073	30.095	.101	.097	.098	.095	.057
" 21,...	.089	.079	.078	.075	.087	.095	.101	.115	.138	.141	.121	.101	.081	.063	.055	.075	.073	.083	.095	.101	.119	.117	.100	.090	.095
" 22,...	.073	.059	.059	.051	.057	.081	.095	.105	.121	.135	.115	.093	.075	.061	.063	.078	.085	.093	.105	.111	.111	.113	.116	.116	.090
" 23,...	.113	.111	.115	.111	.109	.121	.141	.164	.181	.193	.183	.160	.137	.129	.125	.131	.137	.141	.143	.137	.135	.135	.141	.137	.139
" 24,...	.137	.137	.130	.137	.139	.145	.150	.157	.177	.172	.157	.108	.068	.055	.030	.038	.044	.054	.060	.066	.070	.070	.064	.060	.101
" 25,...	.052	.038	.030	.026	.030	.036	.040	.068	.090	.092	.072	.044	.014	29.999	.001	.006	.006	.006	.024	.034	.040	.042	.032	.034	.036
" 26,...	.036	.042	.038	.051	.057	.068	.076	.084	.108	.112	.097	.055	.024	30.005	29.999	.017	.031	.043	.059	.061	.081	.081	.075	.065	.057
" 27,...	.057	.051	.057	.060	.075	.095	.111	.139	.149	.141	.116	.079	.049	.035	30.027	.035	.055	.077	.093	.106	.125	.127	.123	.113	.087
" 28, ..	.107	.101	.097	.097	.099	.101	.117	.135	.165	.165	.141	.100	.072	.046	.036	.042	.055	.080	.106	.135	.141	.146	.144	.140	.107
" 29,...	.134	.124	.129	.120	.124	.140	.156	.174	.192	.180	.150	.106	.080	.058	.044	.046	.071	.088	.104	.116	.126	.130	.132	.128	.119
" 30,...	.126	.114	.101	.096	.097	.104	.132	.154	.168	.154	.118	.086	.058	.028	.026	.032	.042	.056	.064	.074	.078	.080	.078	.077	.089
" 31,...	.066	.052	.040	.048	.052	.052	.064	.088	.106	.092	.064	.024	.000	29.958	29.940	29.942	29.948	29.962	29.958	29.974	29.980	29.980	29.972	29.952	.013
Means,.....	30.040	30.034	30.028	30.029	30.035	30.045	30.060	30.078	30.092	30.090	30.071	30.039	30.009	29.989	29.981	29.987	29.998	30.010	30.025	30.038	30.046	30.047	30.045	30.042	30.036

TABLE II.

TEMPERATURE, FOR THE MONTH OF DECEMBER, 1911.

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,	67.7	67.7	67.5	67.4	67.4	67.4	67.5	69.0	69.8	72.1	71.0	71.7	72.0	71.6	71.0	71.6	70.4	69.8	69.2	69.1	68.6	68.8	68.6	68.4	69.4	72.4	67.1
„ 2,	67.6	67.4	67.3	67.6	67.8	67.5	68.3	71.3	72.8	74.1	72.4	73.5	73.0	72.5	73.0	71.1	70.6	70.5	70.4	70.4	70.5	70.6	70.6	70.4	70.5	74.5	67.1
„ 3,	69.7	69.6	69.6	69.6	69.0	68.7	68.6	69.5	70.2	71.4	72.4	72.0	73.2	72.0	71.6	70.2	70.0	69.8	69.5	68.6	68.6	68.8	68.5	68.6	70.0	73.2	68.0
„ 4,	67.6	68.1	67.6	68.1	67.9	68.5	68.5	69.2	69.2	71.0	72.1	72.3	71.0	71.0	71.0	71.0	69.7	69.5	68.6	68.7	68.0	68.0	68.3	68.6	69.3	72.6	67.5
„ 5,	67.8	68.6	68.5	68.1	67.6	67.8	68.2	69.4	70.6	71.0	72.3	72.0	71.2	71.3	70.5	70.4	69.7	68.7	68.6	69.2	68.8	68.3	68.7	68.5	69.4	72.5	67.6
„ 6,	68.9	68.3	68.5	68.3	67.6	68.0	68.3	68.7	69.0	68.1	70.1	71.8	72.0	70.0	69.7	68.4	67.7	67.2	66.6	66.8	66.8	66.7	66.6	65.7	68.3	72.7	65.4
„ 7,	65.1	66.3	66.1	65.6	65.5	65.5	66.2	66.5	67.0	68.5	69.1	69.5	68.6	68.8	68.2	68.2	67.2	67.0	66.7	66.7	67.0	67.0	67.1	66.7	67.1	69.8	64.9
„ 8,	65.9	65.9	66.0	65.7	65.6	65.2	65.3	66.8	69.3	70.2	71.8	71.5	72.8	72.7	72.3	71.8	70.3	68.2	67.6	66.8	64.8	65.2	64.7	64.9	68.0	73.3	64.6
„ 9,	63.5	62.9	62.8	63.7	63.5	62.0	62.8	63.3	64.8	67.0	68.9	70.3	69.3	69.0	68.3	68.2	66.0	63.5	61.7	60.8	59.7	59.8	59.2	58.7	64.2	70.3	58.7
„ 10,	58.7	58.0	57.7	58.5	58.9	59.6	58.8	60.3	63.0	62.2	62.8	63.0	64.3	64.5	63.7	63.4	62.4	61.2	60.8	60.8	61.0	60.8	59.3	59.0	60.9	64.8	57.7
„ 11,	59.1	58.5	57.2	56.4	55.8	54.6	55.5	56.9	58.9	61.0	62.3	61.6	62.9	65.0	63.6	65.3	64.0	61.0	60.2	59.8	59.3	60.0	60.5	60.3	60.0	65.5	54.6
„ 12,	59.6	58.5	58.7	58.3	58.3	58.0	58.7	59.5	62.7	63.4	64.8	64.9	65.4	65.0	63.3	64.3	64.0	63.7	63.8	64.0	64.0	64.5	63.1	63.4	62.2	65.8	57.9
„ 13,	62.8	63.4	63.7	63.3	63.3	63.5	64.2	64.7	65.4	66.3	67.7	67.6	69.0	70.8	71.0	70.5	69.8	68.6	68.3	67.4	65.4	65.0	64.5	64.6	66.3	72.2	62.8
„ 14,	64.5	64.0	63.5	62.7	62.1	60.8	60.6	62.5	63.8	66.0	66.8	69.5	70.6	68.5	69.2	68.4	65.1	65.3	61.7	60.2	59.0	57.5	56.7	55.7	63.5	70.9	55.7
„ 15,	55.3	55.0	54.2	53.3	53.0	53.0	53.7	56.7	59.3	63.0	63.8	64.0	65.8	65.2	65.0	63.9	62.5	61.6	59.5	59.4	58.7	56.9	57.5	57.6	59.1	65.8	53.0
„ 16,	56.0	55.7	55.5	54.3	55.0	55.6	55.1	58.7	61.1	61.5	64.0	64.1	65.6	65.0	63.0	62.0	61.8	61.8	61.7	61.9	61.9	62.4	62.3	62.6	60.4	66.0	54.3
„ 17,	62.2	62.6	63.2	63.1	61.9	61.5	61.5	62.4	63.3	64.5	65.0	64.7	65.2	65.6	65.0	64.8	64.2	64.0	64.0	64.6	64.8	65.0	65.3	64.8	63.9	66.4	61.3
„ 18,	64.8	64.6	64.2	63.9	64.0	64.7	64.6	65.0	66.0	66.8	67.7	67.8	67.6	67.4	67.2	67.3	66.8	66.4	66.3	66.4	66.6	66.5	67.7	67.7	66.2	68.4	63.7
„ 19,	67.9	67.5	67.2	67.1	67.0	66.9	67.5	68.6	69.6	70.5	72.8	74.0	74.5	75.0	72.0	71.1	70.0	69.4	68.8	68.7	68.8	68.7	68.7	68.9	69.6	75.1	66.6
„ 20,	68.7	68.7	68.1	67.7	67.8	67.7	65.7	67.3	66.0	66.0	65.4	65.5	65.7	65.3	65.2	64.9	64.0	64.0	64.5	63.8	63.4	62.6	63.0	62.8	65.6	68.8	62.4
„ 21,	63.6	63.3	62.8	62.2	62.5	62.7	62.7	63.0	63.0	62.7	63.0	63.2	64.0	63.8	63.6	64.7	64.6	63.6	64.0	64.0	63.8	63.9	63.7	63.7	63.4	64.7	62.2
„ 22,	63.7	63.7	63.7	63.6	63.6	63.0	63.0	63.4	63.1	63.4	63.8	64.3	64.0	62.5	62.0	62.6	62.0	61.0	60.8	60.2	59.7	59.9	60.2	60.7	62.4	64.5	59.7
„ 23,	60.5	60.5	60.2	59.9	60.0	60.0	61.4	61.0	60.6	60.7	61.0	61.2	61.0	61.3	62.4	62.0	62.0	62.1	62.2	62.2	62.6	62.7	63.2	62.7	61.4	63.2	59.3
„ 24,	61.8	61.5	61.2	61.3	61.9	61.9	62.0	62.8	63.5	65.0	66.6	67.0	67.8	67.7	69.0	68.2	67.8	67.5	68.0	68.0	67.2	66.9	65.5	65.6	65.2	69.2	61.0
„ 25,	65.5	65.6	65.5	65.4	65.5	65.3	65.0	65.5	65.7	63.8	61.0	59.9	60.3	61.0	64.0	64.0	63.0	62.0	60.6	59.7	58.6	58.0	57.5	56.4	62.4	66.1	56.1
„ 26,	55.7	54.8	55.3	54.7	54.7	55.6	57.5	61.2	61.6	61.0	61.0	60.3	60.3	60.0	59.6	59.8	59.5	59.8	59.7	60.0	60.6	60.8	60.0	60.0	58.9	62.0	54.1
„ 27,	59.8	60.2	60.1	59.7	60.4	60.2	60.0	60.2	62.1	62.3	64.0	65.5	66.1	66.6	67.2	66.3	66.0	63.7	62.6	62.6	62.6	62.7	62.6	62.1	62.7	68.4	59.1
„ 28,	62.3	62.5	62.3	61.6	61.5	60.5	61.0	61.7	62.3	61.8	62.5	64.2	64.7	67.5	66.7	66.4	63.3	60.8	60.0	59.8	59.5	59.8	59.7	59.8	62.2	67.6	58.9
„ 29,	59.3	57.9	57.7	56.9	54.7	54.0	53.0	56.0	58.0	58.0	61.2	62.5	63.0	64.1	63.8	62.0	62.0	61.2	57.3	56.4	56.6	55.8	54.6	56.7	58.4	65.2	53.0
„ 30,	57.4	57.8	58.0	58.8	57.4	55.0	55.1	57.0	60.3	61.1	62.0	66.1	65.8	66.7	65.3	63.5	63.6	61.0	59.7	59.3	58.0	58.3	57.7	57.7	60.1	67.1	54.2
„ 31,	57.1	57.5	58.5	59.3	58.8	59.5	60.0	60.0	60.7	61.2	62.0	62.4	63.2	64.3	64.5	64.0	63.0	61.8	61.4	60.7	60.6	60.4	58.9	58.7	60.8	64.5	57.1
Means,	62.9	62.8	62.7	62.5	62.3	62.1	62.3	63.5	64.6	65.3	66.2	66.7	67.1	67.2	66.8	66.5	65.6	64.7	64.0	63.8	63.4	63.3	63.0	63.0	64.3	68.5	60.5

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION, FOR THE MONTH OF DECEMBER, 1911.

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, ...	65.6	65.6	65.6	65.6	65.1	65.0	65.2	66.0	66.6	67.8	67.5	67.8	68.3	68.1	67.8	67.9	67.8	67.5	67.6	67.8	67.5	67.6	67.5	67.5	66.9	114.9
" 2, ...	66.6	66.5	66.7	67.0	67.0	66.6	67.4	69.0	69.5	70.1	69.8	69.8	69.8	69.6	69.3	68.4	68.2	68.0	67.5	67.8	68.2	68.6	68.5	68.4	68.3	127.2
" 3, ...	68.4	68.2	68.0	67.9	67.5	67.6	67.5	67.5	67.3	68.0	68.0	67.2	68.3	68.1	68.1	67.2	67.2	67.1	66.8	66.5	66.6	66.8	66.3	66.3	67.4	97.9
" 4, ...	66.0	66.1	65.9	66.3	66.1	66.4	66.0	66.3	65.9	66.8	67.3	67.6	67.0	67.6	67.3	67.0	66.8	66.5	66.2	66.4	66.3	67.3	66.6	66.5	66.6	116.3
" 5, ...	66.5	66.4	66.2	65.7	65.6	65.5	65.8	66.0	66.8	66.9	67.6	67.3	67.0	67.4	66.8	66.4	66.4	65.6	65.6	65.3	66.3	66.4	66.5	66.3	66.3	115.9
" 6, ...	66.8	66.5	66.4	65.5	65.3	65.6	65.4	65.4	65.0	64.8	64.0	65.1	65.3	65.0	65.3	64.8	64.8	64.4	63.8	63.5	63.5	64.0	63.5	63.2	64.9	126.9
" 7, ...	63.4	65.3	63.2	62.4	62.4	62.5	62.6	63.0	63.4	63.9	63.0	63.1	63.0	63.1	62.4	62.8	63.1	63.4	63.3	63.4	63.4	64.3	63.5	63.5	63.2	118.4
" 8, ...	63.4	63.1	63.0	63.5	63.3	63.1	63.1	62.8	63.0	63.6	64.1	63.8	65.8	65.8	65.8	65.5	63.8	63.3	62.6	62.3	61.3	60.5	60.3	59.6	63.2	118.4
" 9, ...	59.5	59.2	58.9	58.5	58.6	57.6	57.9	58.3	59.4	60.1	61.3	61.8	60.8	59.8	59.3	59.5	58.8	57.5	55.4	54.8	54.6	54.8	54.5	54.3	58.1	115.5
" 10, ...	54.5	54.5	54.3	55.2	55.5	55.6	55.0	56.3	56.6	56.3	56.8	56.3	57.1	57.0	57.0	56.8	56.0	55.5	54.7	55.4	55.6	55.8	54.4	54.4	55.7	114.6
" 11, ...	54.6	53.6	53.8	52.6	51.6	51.5	52.0	51.8	53.5	54.8	55.4	55.0	56.3	56.5	55.1	56.8	57.0	55.0	54.9	54.5	54.4	54.7	55.5	55.6	54.4	115.6
" 12, ...	55.4	54.0	53.6	54.3	53.5	53.5	53.3	53.8	56.4	55.8	57.1	58.0	58.1	57.8	58.3	58.7	58.6	58.6	58.8	58.7	58.5	58.6	59.3	59.1	56.7	107.5
" 13, ...	58.6	58.8	58.5	58.7	58.3	58.8	57.8	58.2	59.8	59.0	59.9	61.1	61.7	63.0	63.3	62.6	61.8	61.4	60.0	59.5	58.5	58.1	57.4	57.9	59.7	113.0
" 14, ...	57.6	57.8	57.4	57.2	57.4	55.6	54.6	55.3	56.8	56.8	57.5	59.8	60.3	57.8	58.7	57.5	55.7	57.0	53.2	52.5	51.8	50.8	51.5	51.0	55.9	115.7
" 15, ...	50.6	59.5	49.9	49.9	49.6	49.0	50.0	50.7	52.5	55.1	54.6	55.8	56.3	56.1	56.8	54.8	54.1	53.6	52.3	52.3	51.8	51.7	52.5	52.7	52.6	105.9
" 16, ...	51.9	51.7	51.7	51.4	51.1	50.5	50.2	52.5	53.8	54.1	55.8	55.7	56.5	56.4	55.4	55.4	55.5	55.8	56.4	56.8	56.6	56.3	56.3	56.6	54.3	108.7
" 17, ...	57.3	58.4	59.0	58.5	57.0	56.6	56.3	57.0	57.3	58.4	58.8	58.8	59.6	59.6	59.3	59.7	59.8	60.3	60.6	61.3	61.8	61.9	62.1	61.6	59.2	115.9
" 18, ...	61.6	61.6	61.9	62.3	62.8	62.6	62.0	62.3	62.9	62.9	63.5	62.8	63.0	63.3	63.2	62.8	63.0	63.4	63.5	63.5	64.2	63.9	64.7	64.4	63.0	112.8
" 19, ...	64.2	64.4	64.4	64.4	64.7	65.3	65.4	65.6	65.8	66.9	66.8	67.8	68.2	67.8	68.1	67.6	67.3	67.2	66.5	66.5	66.6	66.4	66.4	66.1	66.3	107.2
" 20, ...	65.6	65.6	64.9	64.3	63.8	63.8	63.6	63.8	62.5	62.8	62.0	62.6	62.3	61.8	61.6	60.8	61.0	61.3	61.5	61.4	61.6	61.1	61.4	61.4	62.6	88.1
" 21, ...	60.8	60.5	60.5	60.6	60.7	60.6	60.3	61.0	61.1	61.5	61.8	61.8	62.3	62.4	62.0	62.0	62.5	62.4	62.4	62.7	62.5	62.7	62.8	62.7	61.7	77.9
" 22, ...	62.6	62.8	62.6	62.4	62.4	62.1	61.8	61.8	61.8	61.8	62.1	62.3	62.3	61.2	59.8	60.2	59.5	58.3	58.6	57.2	57.4	57.6	57.5	58.1	60.6	85.2
" 23, ...	58.3	58.0	57.7	57.5	57.4	57.4	57.8	57.3	57.6	57.5	57.8	57.8	57.6	57.8	58.5	57.8	57.8	58.6	58.9	59.6	59.6	59.6	60.5	60.5	58.3	74.6
" 24, ...	60.5	60.5	60.4	60.5	60.6	60.6	60.8	61.8	61.6	62.4	62.8	63.0	63.4	63.4	63.8	63.8	63.4	64.4	65.4	64.8	64.8	64.7	64.5	64.3	62.8	109.2
" 25, ...	64.5	64.5	64.4	64.3	64.5	64.5	64.0	64.0	64.0	61.8	58.8	57.8	57.6	57.8	58.6	58.3	58.0	57.1	56.3	55.6	54.5	54.3	53.4	52.7	59.6	108.7
" 26, ...	51.3	51.0	51.1	50.7	51.2	52.1	53.3	56.4	56.8	56.4	56.4	56.8	57.3	57.2	56.8	56.8	56.4	56.8	57.1	57.8	58.0	57.8	58.0	57.8	55.5	87.7
" 27, ...	57.8	58.3	57.7	57.6	57.7	57.9	57.5	57.8	58.9	58.9	59.8	60.8	61.0	61.1	62.2	62.0	62.6	61.6	61.3	61.5	61.4	60.8	61.2	60.9	59.9	126.4
" 28, ...	61.1	61.5	61.5	60.7	59.7	58.1	58.1	58.8	58.5	57.0	57.4	58.0	59.2	59.6	59.4	56.8	56.0	54.4	53.4	53.4	53.2	53.8	54.2	54.7	57.3	109.8
" 29, ...	54.6	52.7	53.6	52.6	51.3	49.5	49.5	50.0	50.8	50.9	52.9	53.8	56.3	56.4	56.3	63.8	54.8	55.2	51.2	51.0	50.6	50.6	50.3	51.4	52.5	109.1
" 30, ...	52.6	53.2	53.5	53.3	52.9	51.2	51.1	52.0	54.0	53.8	55.0	57.8	56.7	57.1	56.9	56.6	56.0	54.8	54.6	53.2	53.0	54.3	53.6	52.7	54.2	111.1
" 31, ...	53.4	53.5	54.4	55.3	55.2	56.2	56.0	56.0	56.7	57.1	57.2	57.8	58.4	58.8	58.6	58.5	57.8	57.6	57.6	57.6	57.8	57.8	56.7	56.7	56.8	109.1
Means, ...	59.9	59.8	59.7	59.6	59.3	59.1	59.1	59.6	60.2	60.5	60.7	61.1	61.5	61.4	61.3	61.0	60.7	60.4	59.9	59.8	59.7	59.8	59.7	59.6	60.1	108.6

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR, FOR THE MONTH OF DECEMBER, 1911.

Hours.	Hourly Means. Humidity.	Hourly Means. Tension.	Date.	Daily Means. Humidity.	Daily Means. Tension.
			1911.		
1 a.	82	0.484	Dec. 1,.....	87	0.628
2 „	82	.482	„ 2,.....	89	.664
3 „	82	.481	„ 3,.....	87	.638
4 „	83	.480	„ 4,.....	86	.618
5 „	82	.473	„ 5,.....	84	.606
6 „	82	.470	„ 6,.....	83	.571
7 „	81	.467	„ 7,.....	80	.529
8 „	77	.467	„ 8,.....	75	.517
9 „	75	.471	„ 9,.....	67	.404
10 „	73	.472	„ 10,.....	70	.376
11 „	70	.466	„ 11,.....	67	.351
Noon.	70	.472	„ 12,.....	69	.389
1 p.	70	.480	„ 13,.....	66	.426
2 „	69	.475	„ 14,.....	59	.348
3 „	70	.478	„ 15,.....	62	.312
4 „	70	.472	„ 16,.....	65	.343
5 „	73	.474	„ 17,.....	74	.442
6 „	76	.476	„ 18,.....	83	.534
7 „	76	.470	„ 19,.....	83	.603
8 „	77	.469	„ 20,.....	84	.529
9 „	78	.472	„ 21,.....	91	.528
10 „	79	.476	„ 22,.....	90	.507
11 „	80	.477	„ 23,.....	82	.448
Midt.	80	.474	„ 24,.....	87	.541
			„ 25,.....	84	.475
			„ 26,.....	80	.397
			„ 27,.....	85	.480
			„ 28,.....	73	.410
			„ 29,.....	65	.318
			„ 30,.....	66	.343
			„ 31.....	77	.411
Mean, ...	77	0.474	Means,.....	77	0.474

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.
1911.														
Dez. 1,.....	...	...	0.5	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	8.7
„ 2,.....	...	0.2	1.0	1.0	1.0	0.9	0.6	0.1	0.2	0.3	...	...	...	5.3
„ 3,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 4,.....	...	...	0.1	...	0.6	0.9	0.9	1.0	0.7	0.7	0.9	0.2	...	6.0
„ 5,.....	...	...	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	...	9.4
„ 6,.....	...	...	...	...	...	...	0.5	...	0.1	0.2	...	...	...	0.8
„ 7,.....	...	...	0.1	0.2	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	7.6
„ 8,.....	...	...	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.2	...	8.1
„ 9,.....	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	...	10.1
„ 10,.....	...	...	0.8	0.4	...	...	...	0.5	1.0	1.0	0.8	0.5	...	5.0
„ 11,.....	...	0.5	0.6	0.6	...	...	...	0.2	1.0	0.6	1.0	0.4	...	4.9
„ 12,.....	...	...	...	0.1	...	0.2	0.5	0.4	...	...	...	...	...	1.2
„ 13,.....	...	...	...	...	...	...	...	...	0.3	0.2	0.3	...	...	0.8
„ 14,.....	...	..	...	0.2	1.0	0.8	1.0	1.0	1.0	1.0	1.0	0.7	...	7.7
„ 15,.....	...	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	...	10.0
„ 16,.....	...	...	0.8	1.0	1.0	1.0	1.0	0.8	...	...	...	...	...	5.6
„ 17,.....	...	...	0.7	0.4	0.6	0.4	0.4	0.5	1.0	0.9	0.4	0.5	...	5.8
„ 18,.....	...	...	0.1	0.1	...	...	0.1	0.2	...	0.4	0.2	...	...	1.1
„ 19,.....	...	...	0.5	0.1	...	0.6	0.1	0.2	0.2	...	0.1	...	...	1.8
„ 20,.....	...	...	0.2	...	...	...	...	...	...	...	...	...	...	0.2
„ 21,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 22,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 23,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 24,.....	...	...	0.2	0.1	0.7	0.1	...	...	...	0.2	...	...	...	1.3
„ 25,.....	...	...	...	0.1	...	...	...	...	0.3	1.0	1.0	0.5	...	2.9
„ 26,.....	...	...	0.4	...	...	...	...	...	...	...	...	...	...	0.4
„ 27,.....	...	...	...	0.7	0.9	0.9	1.0	0.5	...	0.7	...	...	...	4.7
„ 28,.....	...	...	...	...	...	...	0.1	0.5	1.0	1.0	1.0	0.4	...	4.0
„ 29,.....	...	0.1	1.0	1.0	0.3	0.9	1.0	1.0	1.0	0.9	1.0	0.2	...	8.4
„ 30,.....	...	0.3	0.1	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	8.7
„ 31,.....	...	...	...	...	...	...	...	...	0.7	1.0	1.0	0.7		3.4
Sums,.....	...	2.0	10.0	11.5	12.9	13.7	14.2	13.9	15.5	17.1	15.5	7.6	...	133.9

TABLE VI.

RAINFALL FOR THE MONTH OF DECEMBER, 1911.

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
" 2,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 3,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 4,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 5,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 6,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 7,	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	1
" 8,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 9,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 10,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 11,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 12,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 13,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 14,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 15,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 16,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 17,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 18,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 19,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 20,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.010	0.015	...	0.025	4
" 21,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.010	...	0.010	5
" 22,	...	...	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	5
" 23,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
" 24,	...	0.005	0.005	...	0.010	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	...	0.025	5
" 25,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 26.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 27,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	0.010	...	...	...	...	...	0.015	4
" 28,	...	...	0.010	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.010	3
" 29,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 30,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 31,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	0.005	0.005	0.015	0.005	0.010	...	...	...	...	...	...	...	...	...	...	...	...	0.005	0.010	...	...	0.010	0.030	...	0.095	30

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND, FOR THE MONTH OF DECEMBER, 1911.

Date.	1 a.		2 a.		3 a.		4 a.		5 a.		5 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	21	7	21	7	22	8	24	8	25	8	19	8	18	8	17	7	15	8	19	9	17	8	16	8	17	8	16	8	15	8	14	8	11	8	10	10	11	10	10	9	10	9	11	9	7	9	2	368	15.3	8
" 2,	...	0	...	1	12	3	9	4	9	4	9	2	9	3	9	3	9	7	8	16	8	13	8	12	8	14	8	11	8	10	8	13	8	10	9	9	9	8	9	6	9	6	9	8	9	9	7	12	184	7.7	8
" 3,	7	12	7	10	8	10	7	12	7	13	8	10	8	11	6	12	7	15	7	13	8	13	10	14	10	11	10	11	10	14	9	12	10	10	10	9	9	5	29	4	...	0	8	11	8	14	8	13	259	10.8	8
" 4,	7	7	7	5	8	4	8	7	9	8	8	15	8	18	7	12	7	15	7	17	8	16	9	22	8	17	9	18	9	16	9	14	9	15	8	15	8	11	9	10	7	9	7	10	9	11	7	13	305	12.7	8
" 5,	8	13	7	10	8	14	8	15	8	13	9	15	8	19	8	19	9	20	9	23	9	19	8	20	8	19	8	21	7	21	7	17	8	19	8	16	8	16	8	18	9	17	9	12	8	13	7	11	400	16.7	8
" 6,	8	15	7	13	8	15	7	15	7	13	6	15	7	19	7	22	8	18	8	20	7	19	8	20	8	18	7	21	8	21	8	22	7	22	7	22	7	18	7	23	7	20	8	19	8	20	450	18.7	7
" 7,	8	19	7	22	7	16	5	13	6	13	7	16	7	14	8	11	7	11	8	17	8	16	8	20	7	18	8	19	8	24	8	18	7	18	8	17	8	13	6	10	7	18	7	19	7	18	7	17	394	16.4	7
" 8,	6	10	6	8	3	2	32	3	32	2	4	3	4	3	9	3	5	5	11	12	11	13	10	10	11	4	23	12	23	12	28	9	32	14	32	9	32	2	1	6	3	9	4	7	1	10	2	7	175	7.3	3
" 9,	1	7	24	2	25	4	..	1	1	4	32	13	32	11	32	11	1	7	14	7	30	5	32	6	32	9	32	12	32	12	32	15	32	10	31	7	32	15	32	13	32	9	32	4	...	1	32	2	187	7.8	32
" 10,	..	1	31	2	..	1	3	3	32	4	...	1	32	4	32	2	32	5	32	8	32	5	32	5	27	8	23	10	24	13	27	11	2	8	32	9	31	8	1	6	2	8	32	6	1	7	1	8	143	6.0	31
" 11,	32	3	2	4	2	8	1	8	1	4	30	4	30	2	30	3	1	4	32	3	8	5	4	4	23	2	12	8	8	12	10	7	16	7	2	9	3	4	5	4	29	2	2	4	32	6	32	10	127	5.3	3
" 12,	2	12	1	12	1	8	2	8	1	9	1	10	2	6	2	2	4	4	5	12	7	13	8	16	9	13	9	13	10	13	9	13	8	12	8	10	7	7	7	8	5	11	6	5	...	1	32	3	221	9.2	6
" 13,	32	4	32	7	2	8	2	6	2	3	2	12	2	10	32	2	2	4	32	10	32	7	25	7	22	6	31	8	32	3	23	6	2	2	...	1	2	6	32	6	1	7	30	8	1	6	1	6	145	6.0	32
" 14,	32	2	31	3	31	2	31	4	2	7	1	2	1	7	1	6	32	7	32	5	32	6	30	5	2	5	32	11	32	8	32	12	31	11	32	9	1	18	1	23	1	17	2	15	1	4	2	9	198	8.2	1
" 15,	1	10	1	8	32	9	1	8	32	6	32	2	32	6	32	7	2	7	3	3	20	5	23	5	23	2	13	3	12	5	4	8	3	9	2	8	2	8	1	12	1	15	1	6	...	1	...	1	154	6.4	1
" 16,	4	3	...	1	...	1	2	4	...	1	...	1	32	3	1	5	32	5	23	7	22	9	24	10	24	10	24	10	26	8	27	6	24	3	...	0	...	1	...	0	...	0	8	4	...	0	6	7	99	4.1	27
" 17,	5	8	6	15	7	16	5	13	2	7	2	5	6	11	6	12	8	16	8	19	9	21	8	20	9	21	8	19	8	19	8	19	8	14	8	16	8	17	8	20	8	19	7	17	7	20	7	23	387	16.1	7
" 18,	7	25	7	24	7	23	7	17	7	22	7	23	7	27	7	25	8	26	8	24	7	24	8	24	8	23	9	24	8	20	9	21	8	18	8	18	8	18	7	14	9	12	10	13	8	14	8	11	490	20.4	8
" 19,	13	8	2	2	9	3	31	4	...	1	19	2	22	2	26	3	25	4	24	7	23	6	22	5	10	5	7	3	23	7	24	6	24	7	23	4	23	4	...	0	...	0	...	1	...	1	...	0	85	3.5	23
" 20,	...	1	23	6	10	7	9	6	11	8	11	16	7	29	8	36	7	31	7	34	7	36	7	30	7	30	8	29	8	23	8	25	8	26	7	25	8	24	8	25	7	27	7	29	7	28	7	25	556	23.2	8
" 21,	7	27	7	28	7	28	7	28	7	27	7	26	7	26	7	24	7	23	6	20	6	20	7	20	7	20	7	19	7	21	7	20	7	21	7	18	8	18	7	16	7	20	7	20	7	16	7	17	523	21.8	7
" 22,	7	16	7	15	7	17	7	16	7	11	7	6	9	12	6	14	8	15	7	18	7	18	6	11	1	4	1	5	2	7	2	5	32	3	...	1	32	3	32	2	1	2	1	2	...	1	...	1	205	8.5	6
" 23,	...	0	1	2	1	2	1	3	...	0	...	1	7	9	7	15	6	15	4	17	4	16	4	15	4	12	4	10	6	11	4	12	6	12	7	17	8	14	8	15	7	14	6	10	6	11	7	21	254	10.6	6
" 24,	7	16	7	12	7	10	8	10	8	9	8	9	10	15	7	14	8	11	8	16	10	12	10	13	10	13	10	9	11	12	10	16	7	8	9	3	6	2	29	4	23	2	23	3	...	1	25	2	222	9.2	9
" 25,	...	0	...	0	...	1	...	0	...	0	...	1	25	4	27	8	27	15	26	21	27	23	27	21	27	22	27	20	27	11	31	8	11	5	32	6	28	11	27	12	28	6	27	7	26	3	30	2	207	8.6	27
" 26,	2	6	1	5	1	4	1	5	1	2	...	1	...	1	10	15	8	11	6	16	6	10	6	10	7	13	7	12	6	13	8	10	5	11	8	17	8	15	8	20	8	18	6	15	6	16	8	19	265	11.0	7
" 27,	9	19	8	17	7	18	7	15	7	13	8	15	8	13	9	7	9	11	10	23	9	21	10	17	11	16	11	7	11	4	26	7	25	4	9	11	9	10	9	11	10	9	8	7	10	7	10	3	285	11.9	9
" 28.	...	0	...	0	4	3	32	10	2	12	3	6	1	7	9	2	2	5	32	8	1	7	32	10	31	4	27	5	32	8	32	11	32	12	32	7	2	9	3	3	3	6	...	1	2	6	...	1	143	6.0	1
" 29,	31	2	3	2	3	3	2	2	1	5	2	6	1	6	1	12	32	7	1	14	1	10	24	3	23	5	25	4	32	8	32	9	1	9	1	10	1	7	3	3	2	4	...	1	2	2	...	0	134	5.6	1
" 30,	2	2	...	0	4	3	7	7	2	4	1	4	1	5	1	5	1	5	1	4	20	9	26	7	24	5	24	8	25	15	23	14	32	4	...	1	30	3	3	3	...	1	...	1	...	0	...	0	110	4.6	28
" 31,	11	2	11	2	11	2	...	1	...	0	14	3	8	12	7	13	8	10	8	9	8	8	9	7	9	7	8	11	10	9	11	12	11	12	10	13	9	13	11	10	9	6	9	5	9	2	9	2	171	7.1	9
Sums,	...	271	...	259	...	267	...	272	...	250	...	264	...	330	...	342	...	354	...	442	...	422	...	405	...	373	...	389	...	395	...	392	...	347	...	327	...	321	...	312	...	307	...	282	...	255	...	268	7846	326.9	
Means,	...	8.7	...	8.4	...	8.6	...	8.8	...	8.1	...	8.5	...	10.6	...	11.0	...	11.4	...	14.3	...	13.6	...	13.1	...	12.0	...	12.5	...	12.7	...	12.6	...	11.2	...	10.5	...	10.4	...	10.1	...	9.9	...	9.1	...	8.2	...	8.6	253.1	10.5	

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
1911.												
Dec. 1, ...	10	nim.	E	10	cum.	E	7	sm-cum. / cum.	W / E	2	cum.	E
„ 2, ...	3	cum.	ESE	2	cum.	...	2	cum.	...	2	cum.	E
„ 3, ...	10	cum.	ESE	10	cum.	ESE	10	cum.	ESE	10	sm-cum. / cum.	WSW / ESE
„ 4, ...	2	cum.	...	10	cum.	E	10	sm-cum. / cum.	WSW / E	9	sm-cum. / cum.	WSW / E
„ 5, ...	10	sm-cum.	WSW	7	sm-cum.	WSW	7	sm-cum. / cum.	WSW / E	2	cum.	...
„ 6, ...	9	cum.	ESE	4	cum.	...	10	cum.	ESE	10	cum.	E
„ 7, ...	10	nim.	E	10	cum.	E	10	sm-cum. / cum.	WSW / E	6	sm-cum. / cum.	W / E
„ 8, ...	1	cum.	E	10	cum.	ENE	10	cum.	ENE	1	cum.	...
„ 9, ...	0	...	...	0	...	...	6	c-str.	...	3	c-str.	...
„ 10, ...	0	...	...	10	sm-cum.	...	7	sm-cum.	...	10	cum.	E
„ 11, ...	10	sm-cum.	W	10	sm-cum. / cum.	W / E	1	cum.	...	10	str-cum.	E
„ 12, ...	10	cum.	E	10	cum.	E	9	cum.	SSE	10	cum.	S
„ 13, ...	7	cum.	S	10	cum.	S	10	cum.	S	10	cum.	SSE
„ 14, ...	10	cum.	...	8	sm-cum. / cum.	W / ..	9	sm-cum.	W	9	sm-cum.	W
„ 15, ...	0	...	...	0	...	...	1	cum.	...	0	...	...
„ 16, ...	1	cum.	...	3	sm-cum.	...	6	sm-cum.	S	1	c-cum.	...
„ 17, ...	10	cum.	E	10	cum.	E	9	sm-cum. / cum.	S / E	7	cum.	S
„ 18, ...	6	cum.	E	10	cum-nim.	E	10	cum.	E	10	sm-cum. / cum.	SSW / E
„ 19, ...	10	cum.	...	10	cum.	...	10	sm-cum.	WNW	10	sm-cum.	WNW
„ 20, ...	10	cum.	...	10	cum.	...	10	cum.	E	10	cum.	E
„ 21, ...	10	cum.	E	10	cum.	E	10	cum-nim.	E	10	cum-nim.	E
„ 22, ..	10	cum-nim.	E	10	cum-nim.	E	10	cum-nim.	E	10	cum-nim.	E
„ 23, ...	10	cum.	...	10	cum.	...	9	cum.	E	10	str-cum.	...
„ 24, ...	10	nim.	E	10	nim.	E	10	cum.	E	7	cum.	E
„ 25, ...	10	cum.	...	10	cum.	...	10	cum.	...	10	cum.	WNW
„ 26, ...	0	...	...	0	...	...	10	cum.	E	10	str-cum.	E
„ 27, ...	7	cum.	E	10	cum.	E	10	cum.	E	3	c-str. / cum.	E
„ 28, ...	10	nim.	...	10	cum-nim.	...	10	sm-cum. / cum.	ESE	10	str-cum.	E
„ 29, ...	8	cum.	...	7	c-str.	...	2	c-str.	...	9	c-str. / sm-cum.	ENE
„ 30, ...	8	cum.	...	8	c-str.	...	7	c-str. / cum.	W / ENE	3	c-str. / cum.	W / ENE
„ 31, ...	2	c-cum.	...	3	c-cum.	...	10	cum.	E	10	cum.	E
Means,...	6.9	...	...	7.8	...	...	8.1	...	...	7.2	...	...

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	
1911.													
Dec. 1,...	2	cum.	E	2	cum.	...	1	cum.	...	0	...	...	4.2
,, 2,...	8	cum.	E	10	sm-cum. / cum.	E	10	sm-cum. / cum.	ESE	10	sm-cum. / cum.	ESE	5.9
,, 3,...	10	cum.	ESE	10	sm-cum. / cum.	WSW / ESE	10	sm-cum. / cum.	WSW / ..	8	sm-cum.	W	9.7
,, 4,...	6	sm-cum. / cum.	WSW / E	3	sm-cum.	SW	5	sm-cum.	WSW	1	c-cum.	...	5.8
,, 5,...	1	cum.	...	1	cum.	...	1	cum.	...	1	cum.	E	3.7
,, 6,...	10	sm-cum. / cum.	E	10	cum.	E	10	cum.	E	10	cum.	E	9.1
,, 7,...	2	cum.	E	1	cum.	...	1	cum.	E	1	cum.	E	5.1
,, 8,...	2	c-str. / cum.	...	3	cum.	N	0	...	...	2	c-str.	...	3.6
,, 9,...	1	c-str.	...	1	c-str. / cum.	...	0	...	...	1	c-cum.	...	1.5
,, 10,...	5	sm-cum. / cum.	ENE	6	sm-cum.	W	10	str-cum.	...	10	str-cum.	...	7.3
,, 11,...	9	sm-cum. / cum.	W / E	7	sm-cum. / cum.	W / E	1	sm-cum.	...	9	cum.	E	7.1
,, 12,...	10	sm-cum. / cum.	S	10	cum.	SSE	10	str-cum.	...	10	str-cum.	...	9.9
,, 13,...	10	str-cum.	SE	10	sm-cum. / cum.	W / ..	7	cum.	...	0	...	...	8.0
,, 14,...	1	sm-cum.	...	0	...	...	0	...	...	2	cum.	...	4.9
,, 15,...	0	...	...	0	...	...	0	...	...	0	...	...	0.1
,, 16,...	3	c-cum.	SSW	10	sm-cum.	S	9	sm-cum.	S	9	cum.	...	5.2
,, 17,...	10	sm-cum.	SSW	8	sm-cum.	SSW	1	cum.	...	5	cum.	...	7.5
,, 18,...	10	sm-cum. / cum.	SW / E	9	sm-cum.	SW	2	cum.	...	5	cum.	...	7.8
,, 19,...	10	sm-cum. / cum.	...	10	cum.	NE	2	cum.	...	10	cum.	...	9.0
,, 20,...	10	cum.	E	10	cum.	E	10	cum-nim.	E	7	cum.	E	9.6
,, 21,...	10	cum-nim.	E	10	cum-nim.	E	10	cum-nim.	E	10	nim.	E	10.0
,, 22,...	10	nim.	E	10	cum-nim.	E	10	cum-nim.	...	4	cum.	...	9.2
,, 23,...	10	cum.	E	10	str-cum.	E	4	cum.	E	8	cum.	E	8.9
,, 24,...	10	cum.	E	10	cum.	E	10	cum.	E	10	cum.	...	9.6
,, 25,...	10	cum.	NW	3	c-str. / cum.	NW	0	...	...	0	...	...	6.6
,, 26,...	10	str-cum.	E	10	str-cum.	E	10	cum.	E	10	cum.	E	7.5
,, 27,...	7	c-str. / cum.	E	10	str-cum.	...	10	nim.	E	10	cum-nim.	E	8.4
,, 28,...	6	c-str. / cum.	NE	2	c-str. / c-cum.	...	2	c-str.	...	10	cum.	SW	7.5
,, 29,...	3	c-str.	WNW	5	c-str,	W	1	c-str.	...	1	c-str.	...	4.5
,, 30,...	2	c-str. / cum.	NE	0	...	...	0	...	...	1	c-cum.	...	3.6
,, 31,...	10	cum.	E	1	c-cum.	...	0	...	...	1	c-cum.	...	4.6
Means,...	6.7	...	...	6.2	...	...	4.7	...	...	5.4	...	...	6.6

TABLE IX.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR THE MONTH OF DECEMBER, 1911.

Hours.	Components (miles per hour).						Direction.
	N	E	S	W	+N −S	+E −W	
1 a.	2.6	7.2	0.4	0.0	+ 2.2	+7.2	E 17° N
2 „	2.8	6.7	0.1	0.3	2.7	6.4	E 23° N
3 „	2.5	7.1	0.2	0.1	2.2	7.0	E 18° N
4 „	3.2	6.9	0.1	0.1	3.2	6.8	E 25° N
5 „	2.9	6.3	0.2	0.0	2.7	6.3	E 23° N
6 „	2.7	6.5	0.5	0.1	2.1	6.4	E 18° N
7 „	3.1	8.4	0.3	0.2	2.8	8.2	E 19° N
8 „	3.2	9.0	0.3	0.4	2.9	8.6	E 19° N
9 „	3.1	9.2	0.2	0.5	2.9	8.7	E 19° N
10 „	3.6	10.9	0.9	1.1	2.7	9.9	E 16° N
11 „	3.2	10.4	1.3	1.5	1.9	8.9	E 12° N
Noon.	2.4	10.0	0.9	1.8	1.5	8.2	E 10° N
1 p.	2.0	9.1	1.1	1.8	1.0	7.3	E 7° N
2 „	2.2	8.9	1.1	2.2	1.1	6.7	E 9° N
3 „	2.4	8.9	1.0	2.0	1.4	6.9	E 11° N
4 „	3.2	8.5	1.0	1.7	2.2	6.8	E 18° N
5 „	3.4	8.0	0.8	0.5	2.6	7.5	E 19° N
6 „	2.8	8.1	0.5	0.2	2.4	8.0	E 17° N
7 „	3.0	7.6	0.4	0.5	2.6	7.1	E 20° N
8 „	3.4	7.2	0.5	0.5	2.9	6.7	E 24° N
9 „	3.5	7.6	0.4	0.2	3.1	7.4	E 23° N
10 „	2.8	7.3	0.4	0.4	2.4	6.9	E 19° N
11 „	2.2	6.7	0.3	0.1	1.9	6.6	E 16° N
Midt.	2.4	7.2	0.0	0.1	+ 2.4	+7.1	E 18° N
Means,.....	2.9	8.1	0.5	0.7	+ 2.32	+7.40	E 17° N

PHENOMENA :—

Lunar Corona :—on the 8th and 29th.

Fog :—on the 19th.

Slight fog :—on the 25th.

Dew :—on the 2nd.