OBSERVATIONS

MADE AT

THE HONGKONG OBSERVATORY,

IN THE YEAR

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INDEX.

	Page.
Annual Departmental Report for 1890,	1
Rainband in China,	3
Thermometer Shelter,	4
Time Service in 1890,	4
Annual Weather Report,	8
Weather Forecasts issued from the Observatory,	13
Weather Reports for 1890 :—	
January,	14
February,	23
March,	32
April,	41
May,	50
June,	59
July,	68
August,	77
September,	86
October,	95
November,	104
December,	113

HONGKONG OBSERVATORY,

9th May, 1891.

SIR,—My sixth volume of observations was published last month, and I have the honour to submit herewith my seventh volume in manuscript as ordered by His Excellency the Governor. It contains the observations made in 1890.

2. Early last year His Excellency appointed a Commission to enquire into the working of this Observatory. The Commissioners held several meetings, visited the Observatory at my request, and then submitted a report.

3. They strongly recommended a much larger annual expenditure and stated that "the increased staff that has been found to be essential would involve a greater outlay, and the annual cost cannot be estimated at under thirteen thousand dollars a year; or nearly twice the sum now spent." They also stated that "to render the working of the Observatory properly effective, there should be three European Assistants at least, one of whom should have sufficient experience and knowledge to permit of his taking charge of the Observatory, when necessary; there should also be three Portuguese or Chinese clerks." They also stated that "it would appear that a great deal of useful work is done at the Observatory, but that the beneficial outcome of this work is diminished by the inadequate sum that has been allowed to be spent yearly. The annual cost of the upkeep of the Observatory was originally estimated at ten thousand dollars, but only seven thousand dollars has been spent. An Observatory is essentially one of those Institutions on which, if thoroughly good results are to be obtained, a considerable sum of money must be spent." They also strongly recommended that "European Assistants should be obtained from England as speedily as possible and that, in the meantime, temporary assistance should be locally obtained."

4. A lengthy memorandum from Major-General H. S. PALMER, R.E., who wrote the original report which subsequently led to the establishment of the Observatory, was appended to the Commissioners' report.

5. The suggestions submitted by the Commission have not yet been carried out, but their report has been printed by order of the Governor, and they have thus in some sense had His Excellency's general approval. Whenever they are fully carried out, the working of this Observatory will be gre. improved and its immediate practical utility will be very much extended.

6. I have to record my appreciation of the great skill and invariable courtesy with which the Chairman of the Commission conducted the enquiry. It is proper to call attention to this as it does not appear from the printed evidence attached to the report. But the printed evidence is quite incomplete and misleading. Many important remarks have been omitted by the reporter and my explanations are quite incorrectly put down or not entered at all. Had the circulation of the printed evidence not been limited it would have done much towards strengthening popular falacies concerning typhoons.

7. The Commission recommended the establishment of a branch Observatory at the Peak, and communication arranged with the Office of the Eastern Extension Telegraph Company, General PALMER reported in 1881, that he considered an anemograph on the top of the Peak to be required. At present an advance upon the knowledge of typhoons gained in the Observatory during the past seven years depends mainly upon observations made on the top of the Peak. We do not even know how far the present registers, kept by the signalmen, are to be trusted *e.g.* they show that the wind blows less strongly there during typhoons than it does at sea level. It would be interesting to have that point cleared up. We have no right to say that the force of the wind is wrongly estimated. We do not know whether it is right or wrong. The Commission stated that "the true direction of the wind can be more easily recorded at that altitude, and the signs of an approaching typhoon more quickly noticed." It would also be well to have a pluviograph working up there. That would supply certain information about rain-fall, which is very much required in Hongkong.

8. A new cable was laid across the harbour in the spring of 1890, and the Observatory is now in direct connection with the Offices of the Telegraph Companies. That was of course the principal defect in connection with the immediate utility of the observations, and no improvement could take effect without it. It is to be regretted that the cable was not laid in 1883.—The signalman's house on the Peak is now in telephonic connection with the Central Police Station in Victoria and the Observatory is in telephonic connection with the Police Station at Kowloon Point, where the storm-signals are hoisted. With reference to improvements in the issue of weather intelligence consequent upon the laying of the cable, the notice reprinted as "Appendix A," to this report may be consulted.

9. Telegraphic connection with Victoria was interrupted on the 15th May from 12.15 p. till 2.25 p., on the 16th May, from 10.6 a. till 11.35 a., from 2.0 p. on the 13th June till 8.37 a., on the 14th, from 2.40 p. on the 13th September till 1.35 p., on the 15th, and from 3.45 p., on the 8th December till 11.25 a. on the 10th. It was of course also interrupted during thunderstorms.

10. The China Coast Meteorological Register, based on information received direct from the Eastern Extension and Great Northern Telegraph Companies, was issued daily (Sundays and Government Holidays excepted). It contains at present telegrams (corrected and reduced) from Wladivostock, *Tokio, *Nagasaki, *Shanghai (Harbour Office), Foochow, *Amoy, Anping, *Swatow, Victoria Peak, Canton, *Macao, Hoihow, Haiphong, *Bolinao, Manila and Cape Saint James. The stations furnished with an asterisk issue the best telegrams. A summary of the weather expected in this part of China is appended as well as information concerning the first appearance and progress of typhoons and a full account of all meteorological signals and storm-warnings issued during the previous 24 hours.

11. Whenever the staff in the Observatory allows it to be done, it will be necessary to have the most important telegraphic reporting stations inspected. That is done annually at home. It is eight years since I had an opportunity of inspecting them and some of them I have not visited at all.

12. With reference to the twelfth paragraph of my annual report for 1889, (dated the 24th April, 1890), the First Assistant was away on sick leave since the middle of November 1889, and has not yet returned, and the Second Assistant resigned a few weeks later in order to accept of a better appointment elsewhere. I was thus left without assistants and had to do the work as well as it could be effected with the help of two young Chinese Clerks. Under the circumstances I endeavoured before all to secure the continuation of the hourly readings and meteorological observations without break. How far I have succeeded in this can be gathered from the following pages. I do not claim that the last decimal of the figures is as nearly accurate as in previous years, but all tabulations and calculations have been made in duplicate by Chinese in my presence, and carefully checked. It is proper to mention that the credit for this is greatly due to Mr. Ho Toshang, who also read the proofsheets of the "Observations made in 1889." He has since been promoted to be Second Assistant, and at the date of writing this report the monthly weather reports are ready for press up to date.

13. It proved impossible to find suitable acting assistants locally, except in so far as an Electrical Engineer, after a month's training, was able to assist in the time-service and to drop the time-ball since July last. The ball had not been dropped for half a year. However the ball has repeatedly stopped since, when he, either through ill-health or other causes did not attend. He holds another position in Hongkong, which mainly occupies his time. The dropping of the time-ball is the duty of the First Assistant. The natives are useless for such work.

14. Mr. J. I. Plummer, formerly Astronomer in charge of Colonel Tomline's Observatory at Orwell Park, who is so favourably known from his observations of comets, joined me on the 1st May, 1891, as Chief Assistant.

15. Mr. Roberts, Chief Assistant in the Nautical Almanac Office, is carrying out the harmonic analysis of the hourly readings of tides in 1887 and 1888 taking into account five hitherto omitted terms, for which he has now adapted his tide-predicting machine. He intends to use the results for future predictions of tides in this port. The tide-gauge has been handed over to the Inspector General of Chinese Customs, who desires to have it worked for a year or two in each one of the treaty ports of China. It would of course have been impossible to work it properly here after the assistants went away.

16. During 1890, in addition to meteorological registers kept at about 40 stations on shore, the logs of 42 different vessels containing entries on 694 days (counting those made on board different ships on the same date separately) are available. By order of His Excellency the Admiral, Commander-in-Chief, a copy of all meteorological observations made on board men-of-war belonging to the squadron stationed in these seas are sent to the Observatory, and Commanders of Foreign vessels of war send such observations as are requested direct, or through the Commodore.—28 log-books or extracts of

log-books were received through the Harbour Master's Office, 31 direct from the Captains or Owners, and 2 were copied on board ship in the harbour. But the information concerning typhoons in 1888, 1889 and 1890 is by no means yet complete.

17. I regret to have to report that the magnetic hut was twice broken into and all the brass hooks and fastenings broken and stolen. Fortunately the magnetic instruments had been removed before this happened.

18. The following register of the spectroscopic rain-band has been supplied by an amateur, observing daily at 10 a., the mean value for the year was 2.4.

TABLE I.

Rain-band in Hongkong in 1890.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1, ...	2	2	2	4	2	4	4	3	3	3	1	2
2, ...	1	3	2	3	3	4	4	3	3	3	1	2
3, ...	1	2	1	3	2	4	4	2	4	3	2	3
4, ...	0	1	3	4	0	4	3	2	2	3	2	2
5, ...	0	1	2	1	0	4	5	2	3	3	2	2
6, ...	0	1	1	0	1	5	5	1	3	2	...	3
7, ...	0	0	1	1	2	5	4	3	3	2	2	4
8, ...	0	0	1	1	2	4	5	3	4	1	3	2
9, ...	0	2	2	1	1	4	4	4	4	1	2	2
10, ...	0	2	2	1	3	4	3	4	2	1	2	2
11, ...	3	1	3	0	4	4	3	3	2	1	2	3
12, ...	2	1	5	2	3	3	3	4	2	...	...	4
13, ...	3	1	4	3	2	3	2	4	2	...	1	1
14, ...	2	1	5	2	2	2	2	3	3	...	2	2
15, ...	1	1	5	3	2	2	4	4	2	...	2	2
16, ...	2	1	3	3	1	2	4	4	3	...	3	2
17, ...	2	3	2	2	1	3	3	4	3	2	2	2
18, ...	2	4	2	3	0	3	4	4	2	2	3	3
19, ...	2	4	1	2	2	5	5	3	2	2	2	3
20, ...	3	2	2	2	2	5	4	2	1	2	2	2
21, ...	3	2	2	1	4	4	5	2	0	2	1	3
22, ...	2	2	1	1	4	4	5	2	0	1	2	2
23, ...	2	2	3	3	5	4	5	1	0	1	2	2
24, ...	1	3	3	3	3	3	5	2	3	2	1	3
25, ...	1	3	4	3	3	3	5	2	3	1	1	3
26, ...	1	2	3	4	3	4	5	3	...	1	1	3
27, ...	2	1	3	3	3	3	3	4	2	1	1	3
28, ...	1	1	2	1	4	3	3	3	2	1	2	2
29, ...	2	...	3	1	4	4	2	4	2	2	2	2
30, ...	2	...	2	0	3	3	2	2	2	2	2	1
31, ...	0	...	2	...	4	...	2	2	...	1	...	2
Mean,.....	1.4	1.8	2.5	2.0	2.4	3.6	3.8	2.9	2.3	1.8	1.8	2.4

19. The following table exhibits corrections to be added to the mean readings of thermometers exposed in an open shed in order to obtain the readings of the rotating thermometers. The shed is covered with dried palm-leaves, which give the coolest shade obtainable. It is of the same dimensions as a shelter used for many years in India and very like the one represented in Blanford's "Indian Meteorologist's Vade-mecum," but there are additional pine stays. The screen is thus able to withstand the force of a whole gale without injury. The palm-leaves are raised during the gale but afterwards they settle down again in their places.—The thermometers are fixed in the same place as in the Indian shelter but are not further protected. Their upper ends are fixed into the extremities of two thin horizontal laths, projecting from the southern principal. The floor is turfed.—The table indicates that this exposure is better than any other hitherto described except during the hours of the forenoon after sun-rise, when the thermometers generally register too high. This is owing to the sun-shine heating the ground below them, whereas the rotating thermometers being swung both in the sun and in the shade register lower. In the afternoon that does not matter so much as the shades then have been previously exposed to the sun and are not so much cooler than the ground exposed to the sun:

TABLE II.

Corrections to Readings of Sheltered Thermometers.

Month.	Dry Bulb.						Damp Bulb.					
	7 a.	10 a.	1 p.	4 p.	7 p.	10 p.	7 a.	10 a.	1 p.	4 p.	7 p.	10 p.
1889.												
June,	−0.1	−0.3	0.0	−0.1	+0.1	+0.1	−0.6	−0.8	−0.6	−0.6	−0.4	−0.5
July,	−0.4	−0.2	−0.1	−0.4	0.0	+0.1	−0.8	−0.6	−0.4	−0.6	−0.4	−0.4
August,	−0.3	−0.3	−0.1	−0.1	0.0	0.0	−0.3	−0.4	−0.1	−0.1	−0.1	−0.1
September,	−0.2	−0.4	0.0	−0.2	0.0	0.0	−0.1	−0.2	+0.1	0.0	0.0	+0.1
October,	−0.6	−0.9	−0.3	−0.3	−0.2	0.0	−0.8	−0.5	−0.1	−0.2	−0.1	0.0
November,	−0.4	−0.5	−0.5	−0.3	0.0	0.0	−0.9	−0.9	−0.2	−0.1	0.0	0.0
December,	−0.2	−0.2	−0.6	−0.2	0.0	0.0	−0.8	−0.3	−0.4	0.0	−0.2	−0.3
1890.												
January,	0.0	−0.3	−0.4	0 0	0.0	+0.1	−0.1	−0.1	−0.1	−0.1	−0.1	−0.1
February,	0.0	−0.1	0.0	−0.1	0.0	0.0	0.0	+0.2	+0.3	0.0	−0.3	−0.2
March,	0.0	−0.1	−0.2	0.0	0.0	+0.1	−0.6	−0.6	−0.5	−0.5	−0.7	−0.5
April,	−0.3	−0.3	−0.3	−0.1	−0.1	−0.1	−0.4	−0.4	−0.3	−0.3	−0.4	−0.5
May,	−0.2	−0.4	−0.2	+0.1	0.0	0.0	−0.3	−0.4	−0.1	−0.1	−0.2	−0.3
June,	0.0	0.0	+0.1	+0.1	+0.2	+0.2	−0.2	+0.1	+0.1	−0.1	−0.2	−0.2
July,	0.0	−0.3	0.0	−0.1	0.0	+0.1	−0.5	−0.2	−0.2	−0.1	−0.4	−0.2
August,	−0.7	−0.6	−0.1	−0.1	−0.3	0.0	−0.8	−0.4	0.0	−0.1	−0.5	−0.1
September,	−0.6	−0.4	0.0	+0.1	0.0	+0.1	−0.1	0.0	+0.2	+0.2	−0.2	−0.2
October,	−0.4	−0.7	+0.5	+0.1	−0.1	−0.1	+0.4	+0.6	+0.6	+0.3	−0.2	−0.1
November,	−0.3	−0.5	−0.1	+0.2	−0.1	−0.1	−0.3	−0.4	−0.2	+0.1	−0.2	−0.2
December,	−0.2	−0.1	0.0	+0.2	+0.1	0.0	−0.1	0.0	+0.2	+0.1	−0.1	−0.2
Mean,	−0.3	−0.3	−0.1	−0.1	0.0	0.0	−0.4	−0.3	−0.1	−0.1	−0.2	−0.2

20. The number of transits observed during the past year was 257, and the inclination of the axis was determined 29 times. As stated in the time-ball notice published in the *Government Gazette* on the 10th January, 1885, the time-ball is not dropped on Sundays or on Government Holidays. The covered wires in the reversing galvanometer were renewed and new zincs and manganese procured for the repair of the batteries. The time-ball was not dropped during the first half of the year owing to the absence of the First Assistant, whose duty it is to drop it. Since the 7th July, it was dropped by the engineer, who acted for him. From the 12th July till the 27th August inclusive it was handed over to the Public Works' Department for repairs, but the signal was given by dropping a flag. From the 16th September till the 8th October inclusive the ball was not dropped owing to the illness of the engineer in charge. On the 13th October, the ball was not hoisted as the wind was very strong. There were no failures in 1890.

TABLE III.

Errors of Time-ball in 1890.

− means too late. *+ means too early.*

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1,	...	...	...	...	...	...	...	0.s1	0.s1	...	0.s1	0.s1
2,	...	...	...	...	...	...	...	−0.2	0.1	...	...	0.1
3,	...	...	...	...	...	...	...	...	0.1	...	0.1	0.1
4,	...	...	...	...	...	...	...	0.1	0.1	...	+0.2	0.1
5,	...	...	...	...	...	...	...	0.1	0.1	...	0.1	0.1
6,	...	...	...	...	...	...	...	0.1	0.1	...	+0.2	0.1
7,	...	...	...	...	...	...	0.s1	0.1	...	...	+0.2	...
8,	...	...	...	...	..	...	0.1	−0.3	0.1	...	+0.2	−0.3
9,	...	...	...	...	...	...	0.1	−0.5	0.1	−0.s2	...	−0.5
10,	...	...	...	...	...	...	0.1	...	0.1	−0.2	+0.9	−0.7
11,	...	...	...	...	...	...	0.1	−0.9	0.1	−0.2	+0.2	−0.9
12,	...	...	...	...	...	...	0.1	0.1	0.1	...	+0.4	−0.7
13,	...	...	...	...	...	...	...	0.1	0.1	...	0.1	0.1
14,	...	...	...	...	...	...	0.1	−0.2	...	−0.4	−0.2	...
15,	...	...	...	...	...	...	+0.2	−0.2	0.1	−0.5	−0.3	0.1
16,	...	...	...	...	...	...	+0.2	−0.3	...	−0.6	...	0.1
17,	...	...	...	...	...	...	+0.3	...	...	0.1	−0.6	0.1
18,	...	...	...	...	...	...	+0.3	0.1	...	0.1	−0.8	+0.2
19,	...	...	...	...	...	...	+0.4	0.1	...	...	0.1	+0.4
20,	...	...	...	...	...	...	...	0.1	...	−0.5	+0.2	+0.6
21,	...	...	...	...	...	...	+0.5	0.1	...	−1.0	+0.3	...
22,	...	...	...	...	...	...	+0.6	0.1	...	−1.5	0.1	0.1
23,	...	...	...	...	...	...	+0.6	+0.2	...	+0.2	...	0.1
24,	...	...	...	...	...	...	+0.7	...	...	0.1	0.1	0.1
25,	...	...	...	...	...	...	+0.8	+0.2	...	0.1	0.1	...
26,	...	...	...	...	...	...	+0.8	+0.3	...	...	0.1	...
27,	...	...	...	...	...	...	...	+0.3	...	+0.2	−0.2	0.1
28,	...	...	...	...	...	...	+1.0	+0.4	...	+0.3	0.1	...
29,	...	...	...	...	...	...	0.1	+0.4	...	+0.4	0.1	0.1
30,	...	...	...	...	...	...	+0.2	0.1	...	0.1	...	−0.2
31,	...	...	...	...	...	...	+0.4	...	...	+0.2	...	−0.3

21. As stated in the "Instructions for making Meteorological Observations, &c." meteorological instruments forwarded by observers, who regularly send their registers to the Observatory, are verified here free of cost. During the past year several instruments were verified.

22. At the Observatory the cisterns of the barograph and standard barometer 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 thermometer is placed at the same height. The rim of the rain-gauge is 105 feet above mean sea level and 21 inches above the ground. At Victoria Peak the instruments, except the radiation thermometer and the rain-gauge are placed in the look-out. The cistern of the barometer is 1,814 feet above sea level. The bulbs of the thermometers are 4 feet above the floor except the maximum thermometer, which is a few inches higher. The rim of the rain-gauge is one foot above the ground.

23. 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, as measured (at two minutes to the hour named) from the barograms.

Tables II. and III. exhibit the hourly readings of the temperatures of the air and of evaporation as determined from readings of thermometers exposed in the shelter described above. All readings are reduced to the rotating thermometer by comparisons made every three hours or oftener. The extremes are reduced by aid of comparisons made during the hottest and coldest part of the day. The solar radiation (black bulb in vacuo) maximum temperature is reduced to the Kew arbitrary standard.

Table IV. exhibits the mean relative humidity in percentage of saturation and mean tension of vapour expressed in inches of mercury 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 half an hour before to half an hour after the hour (true time) named.

Table VI. exhibits the amount of rain in inches registered from half an hour before to half an hour after the hour named. It exhibits also the duration of rain estimated at the Observatory. The rainfall at Victoria Peak is measured at 10a and entered to preceding day, but it is evident that the observer does not attend to the gauge regularly.

Table VII. exhibits the velocity of the wind in miles and its direction in points (0-31). The velocity of the wind is measured from half an hour before to half an hour after the hour named. The direction is read off at the hour. The mean direction for every day has been calculated taking into account the velocity at each hour.

Table VIII. exhibits for every hour in the day the mean velocity of the wind reduced to 4 as well as to 2 directions, according to strictly accurate formulæ, and also the mean direction of the wind.

Table IX. exhibits the readings of the barometer reduced to freezing point of water but not to sea level, and of the thermometers, and the estimated direction and force (0-12) of the wind at Victoria Peak.

Table X. exhibits the amount (0-10), name 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.

24. The Annual Weather Report for 1890 is arranged as follows:—

Table IV. exhibits the mean values for the year (as hourly excess above this) obtained from the means given in the monthly reports, the mean hourly intensity of rain is obtained from table VI. of the monthly reports in connection with table V. of this report. The total amount of rain was 70.935 inches at the Observatory and 89.54 inches at the Peak. The total duration registered at the Observatory was 582 hours. There fell at least 0.01 inch of rain on 128 days at the Observatory.

Table V. exhibits the number of hours during a portion of which at least 0.005 inch of rain was registered.

Table VI. 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.

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

Table VIII. show the frequency of clouds of the different classes.

Table IX. is arranged as in previous years.

Tables X. and XI. exhibit the monthly and annual extremes. The extremes of humidity and vapour tension can be regarded as only approximate as the hourly values are not calculated.

Table XII. contains the five-day means.

25. The following phenomena were noted during the different months of 1890:—

January, 1890.

Solar Corona: on the 28th.
Lunar Corona: on the 1st, 2nd, 5th, 6th, 26th, 27th, 28th, 30th and 31st.
Haze: on the 1st, 2nd, 8th, 14th, 16th and 17th.
Fog: on the 19th, 27th and 29th.

February, 1890.

Solar Corona: on the 1st, 16th and 18th.
Lunar Corona: on the 1st, 2nd and 4th.
Haze: on the 3rd, 7th, 13th and 16th.
Fog: on the 8th, 12th, 15th and 18th.
Dew: on the 3rd, 11th, 12th, 14th and 18th.
Rainbow: on the 1st.

March, 1890.

Solar Corona: on the 3rd, 5th and 11th.
Lunar Halo: on the 5th.
Lunar Corona: on the 28th.
Haze: on the 14th and 27th.
Fog: on the 19th, 20th, 21st and 22nd.
Thunder without lightning: on the 13th.
Thunder and lightning: on the 11th and 12th.
Thunderstorms: on the 12th (7a.—10.30a. nearest 9.50a. 7 sec. NE), 14th (nearest 11.30p. 25 sec. W), and 15th (12.30p.—1 30p. nearest 1p. 13 sec.)

April, 1890.

Solar Halo: on the 6th, 8th, 15th, 22nd and 24th.
Solar Corona: on the 9th.
Lunar Halo: on the 5th.
Lunar Corona: on the 8th, 24th, 27th, 28th, 29th and 30th.
Haze: on the 5th and 20th.
Fog: on the 10th, 11th, 12th, 14th, 15th, 16th, 18th, 19th and 21st.
Unusual visibility: on the 21st.
Dew: on the 10th, 11th, 15th, 20th, 21st and 27th.
Lightning without thunder: on the 10th, 11th, 13th, 15th, 16th and 18th.
Thunder without lightning: on the 25th and 29th.
Thunder and lightning: on the 17th and 24th.
Thunderstorm: on the 14th (12.30a.—4a.)

May, 1890.

Solar Halo: on the 17th, 19th and 20th.
Lunar Halo: on the 23rd, 27th, 29th and 30th.
Lunar Corona: on the 2nd, 3rd, 4th, 5th, 24th, 25th, 26th, 27th, 28th, 29th and 30th.
Haze: on the 4th and 30th.
Fog: on the 13th.
Dew: on the 16th, 17th, 23rd and 26th.
Lightning without thunder: on the 10th, 12th, 13th, 16th, 17th and 20th.
Thunder and lightning: on the 23rd.
Thunderstorms: on the 19th, (4p.—10p. SW), 21st, (9.30a.—3p. from S to NW nearest 12.10p. 1 sec.), and 22nd (2p.—7p. nearest 6.22p. 8 sec. SW).

June, 1890.

Solar Halo: on the 8th, 11th, 15th, 24th and 26th.
Lunar Halo: on the 7th and 23rd.
Lunar Corona: on the 2nd, 3rd, 7th, 8th, 23rd, 26th, 27th, 28th, 29th and 30th.
Dew: on the 14th.
Rainbow: on the 5th, 7th, 12th, 17th, 18th, 25th and 30th.
Unusual visibility: on the 24th.
Haze: on the 4th and 6th.
Lightning without thunder: on the 2nd, 6th, 10th, 11th, 17th, 19th and 21st.
Thunder without lightning: on the 5th.
Thunder and lightning: on the 20th.
Thunderstorm: on the 4th, 4.23p.—7.15p. in the West (nearest 6.25p. ½ sec.)

July, 1890.

Solar Halo: on the 4th, 6th, 12th, 14th, 15th, 16th, 17th and 31st.
Solar Corona: on the 5th and 15th.
Lunar Halo: on the 26th, 29th and 30th.
Lunar Corona: on the 1st, 2nd, 29th and 30th.
Dew: on the 16th and 27th.
Rainbow: on the 4th, 17th, 18th and 27th.
Unusual visibility: on the 7th, 9th, 10th and 13th.
Haze: on the 3rd, 5th, 6th, 8th, 9th, 10th, 11th, 17th, 27th, 28th, 30th and 31st.
Lightning without thunder: on the 7th, 10th, 11th, 14th, 15th, 26th, 27th, 29th and 31st.

Thunder without lightning: on the 3rd.
Thunder and lightning: on the 16th, 17th and 30th.
Thunderstorm: on the 1st, 7.30a.—11a. in the South (nearest 7.50a., 15 sec.); on the 4th, 7.30a.—2.30p. distant towards North; on the 5th, 6a.—Noon, in the South (nearest 9.13a., 5 sec.); on the 6th, 8.45a.—10.15a. in SW (nearest 9.40a., 8 sec.); on the 8th, 4a.—2). moving from South to North (nearest 8.33a., 1 sec.); on the 21st, 9.50a.—10.30a. moving from NNW to S (nearest 9.58a., 30 sec.); on the 23rd, 9a.—9.40a. moving from NNW to SSE (nearest 9.9a., 3 sec.); from 11p., on the 23rd to 11.15a. on the 24th, (nearest 9.21a., 4 sec. in SE); on the 25th in NW (nearest 2.05a., 16 sec.)

August, 1890.

Solar Halo: on the 1st, 2nd, 10th, 11th, 12th, 18th, 24th and 31st.
Solar Corona: on the 30th.
Lunar Halo: on the 2nd, 7th, 9th, 23rd, 24th, 25th, 26th, 30th and 31st.
Lunar Corona: on the 2nd, 25th, 28th and 30th.
Dew: on the 2nd, 3rd, 4th, 8th, 16th, 18th, 19th, 26th and 31st.
Unusual visibility: on the 5th, 10th, 19th, 20th, 21st and 25th.
Haze: on the 2nd, 4th, 10th, 20th, 28th, 29th and 30th.
Fog: on the 4th.
Lightning without thunder: on the 5th, 6th, 7th, 8th, 11th, 14th, 24th and 27th.
Thunder without lightning: on the 17th.
Thunder and lightning: on the 12th and 28th.
Thunderstorm: on the 1st, 11a.—2p. (nearest at 12.10p., 1 sec.); and on the 15th, about 3p. distant in NW.

September, 1890.

Solar Halo: on the 3rd, 7th, 17th and 22nd.
Solar Corona: on the 14th.
Lunar Halo: on the 2nd, 4th, 22nd and 25th.
Lunar Corona: on the 1st, 2nd, 22nd, 24th, 25th, 26th, 27th and 28th.
Dew: on the 11th.
Rainbow: on the 1st and 20th.
Unusual visibility: on the 12th, 13th, 19th, 20th, 23rd and 24th.
Haze: on the 3rd, 5th, 17th, 19th, 28th, 29th and 30th.
Lightning without thunder: on the 1st, 2nd, 3rd, 16th and 17th.
Thunder without lightning: on the 3rd and 5th.

October, 1890.

Solar Halo: on the 2nd and 12th.
Lunar Halo: on the 1st and 2nd.
Lunar Corona: on the 1st, 21st, 22nd, 23rd, 25th, 27th, 28th and 30th.
Unusual visibility: on the 8th, 12th, 15th, 16th, 18th, 19th, 20th, 21st, 22nd, 23rd and 24th.
Haze: on the 1st, 17th and 28th.
Lightning without thunder: on the 13th.

November, 1890.

Solar Halo: on the 11th.
Lunar Halo: on the 25th.
Lunar Corona: on the 17th, 18th, 19th, 20th, 21st, 22nd and 26th.
Rainbow: on the 18th.
Unusual visibility: on the 2nd, 3rd, 9th, 11th and 12th.
Haze: on the 10th, 24th, 25th and 28th.

December, 1890.

Lunar Corona: on the 16th, 17th, 18th, 20th, 22nd, 24th, 26th and 27th.
Dew: on the 20th, 21st, 22nd and 23rd.
Unusual visibility: on the 7th, 8th, 13th and 24th.
Haze: on the 12th, 15th, 16th, 20th, 21st, 24th, 28th and 29th.
Thunderstorm from SSE to NW: on the 6th from 9p. to midnight. It was nearest at 9.34p. (8s. SW.)

I have the honour to be,

Sir,

Your most obedient Servant,

W. Doberck,
Director.

To the Honourable
The Colonial Secretary,
&c., &c., &c.

TABLE IV.

Mean Values and Hourly Excess above the Mean of Meteorological Elements in 1890.

	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. Observatory.	Mean or Total. Peak.
Pressure.	+.004	—.007	—.016	—.019	—.015	—.001	+.015	+.031	+.042	+.045	+.036	+.018	—.007	—.027	—.040	—.044	—.040	—.030	—.017	.000	+.022	+.022	+.021	+.014	29.832	28.107
Temperature,	— 1.5	— 1.7	— 2.0	— 2.1	— 2.2	— 2.2	— 1.5	— 0.3	+ 0.7	+ 1.5	+ 2.5	+ 2.9	+ 3.1	+ 2.9	+ 2.6	+ 2.0	+ 1.1	+ 0.1	— 0.5	— 0.7	— 0.8	— 0.9	— 1.1	— 1.4	72.0	66.6
Diurnal Range,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9.8	6.3
Humidity,	+ 4	+ 4	+ 4	+ 4	+ 4	+ 4	+ 3	+ 1	— 2	— 4	— 6	— 7	— 7	— 7	— 6	— 5	— 2	0	+ 2	+ 3	+ 4	+ 4	+ 4	+ 4	78	...
Vapour Tension,	+.001	—.002	—.006	—.009	—.012	—.014	—.005	—.001	—.002	—.003	—.001	.000	+.002	+.003	+.004	+.002	+.002	+.004	+.002	+.006	+.010	+.010	+.007	+.007	0.639	...
Sunshine (Total),	...	...	...	...	...	7.1	79.9	161.0	184.2	196.9	204.0	203.4	209.0	198.4	188.3	177.5	99.0	12.5	...	...	...	...	...	...	1921.2	...
Rainfall. (Total).	2.310	2.360	2.175	2.385	2.275	3.390	4.410	6.240	7.145	3.305	6.130	6.795	4.465	3.010	1.880	1.860	0.885	2.495	1.010	0.690	0.655	1.815	1.780	1.470	70.935	89.54
Hours of Rain (Total),	19	26	25	34	33	37	35	37	46	44	28	28	31	28	24	23	22	22	23	16	14	26	17	18	656	...
Intensity of Rain,	.122	.091	.087	.070	.069	.082	.126	.169	.155	.075	.219	.243	.144	.107	.078	.081	.040	.113	.044	.043	.047	.070	.105	.082	.108	...
Wind-Velocity,	— 1.3	— 1.0	— 1.3	— 1.1	— 0.7	— 0.9	— 0.5	— 0.3	+ 0.8	+ 1.4	+ 3.0	+ 2.0	+ 2.3	+ 2.6	+ 2.3	+ 1.7	+ 0.6	— 0.6	— 1.5	— 1.7	— 1.7	— 1.6	— 1.5	— 1.4	13.2	22.2
Wind-Direction,	— 9°	— 6°	— 6°	— 6°	— 6°	— 1°	+ 7°	+ 4°	+ 4°	+ 4°	+ 6°	+ 8°	+ 10°	+ 11°	+ 7°	+ 5°	+ 4°	+ 4°	+ 4°	— 3°	— 8°	— 12°	— 12°	— 13°	E 15° S	E 27° S
Cloudiness,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6.6	...
Solar Radiation,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	129.2	...
Excess of do. do.,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	51.5	...

TABLE V.

Number of Hours during portion of which it rained, for each Month in the Year 1890 at the Observatory.

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,	2	4	4	5	5	4	3	4	4	5	1	1	1	3	3	3	4	3	6	5	3	3	4	3	83
February,	3	2	2	1	2	...	2	2	1	1	...	2	2	4	3	3	...	...	...	...	...	1	1	1	33
March,	2	2	4	4	4	6	5	5	5	3	2	3	3	3	4	4	1	3	1	2	2	4	1	2	75
April,	2	2	1	4	3	2	2	1	3	4	1	2	3	3	3	2	1	...	...	...	...	2	1	3	45
May,	4	6	3	5	3	4	4	2	5	5	5	3	4	2	2	1	...	2	3	1	1	3	3	4	75
June,	1	2	4	3	7	8	6	10	8	6	6	6	6	3	3	2	4	5	5	5	3	6	1	1	111
July,	3	3	5	5	3	3	6	5	9	11	7	4	4	5	1	4	4	4	2	...	1	1	2	3	95
August,	...	1	...	3	3	3	4	4	4	4	2	4	5	3	4	4	4	4	2	2	3	2	2	...	67
September,	...	2	...	2	2	2	2	3	4	3	2	1	1	2	1	...	4	1	4	1	...	1	...	...	38
October,	...	...	1	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	3
November,	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	2
December,	2	2	1	2	1	5	1	1	3	1	2	1	1	...	...	...	...	...	...	...	1	2	2	1	29
Total,	19	26	25	34	33	37	35	37	46	44	28	28	31	28	24	23	22	22	23	16	14	26	17	18	656

TABLE VI.

Number of days with wind from eight different points of the compass during each month of the year 1890.

Month.	N	NE	E	SE	S	SW	W	NW
January,	5	5	16	1	0	0	1	3
February,	2	1	20	1	0	0	1	3
March,	4	5	22	0	0	0	0	0
April,	1	1	23	2	3	0	0	0
May,	0	1	18	1	3	4	2	2
June,	0	2	6	2	12	8	0	0
July,	0	0	6	6	6	8	4	1
August,	0	0	7	1	2	10	11	0
September,	2	5	16	1	0	3	3	0
October,	5	9	16	1	0	0	0	0
November,	2	2	25	1	0	0	0	0
December,	3	2	23	0	1	0	1	1
Year,	24	33	198	17	27	33	23	10

TABLE VII.

Total Number of Days on which different Meteorological Phenomena were noted and Total Number of Thunderstorms during each month of the year 1890.

Month.	Fog.	Electric Phenomena.	Lightning.	Thunder.	Thunder-storms.	Unusual Visibility.	Dew.	Rain-bow.	Lunar Halo.	Lunar Corona.	Solar Halo.	Solar Corona.
January,	3	...	...	...	...	...	...	...	...	9	...	1
February,	4	...	...	...	...	...	5	1	...	3	...	3
March,	4	5	4	5	3	...	...	...	1	1	...	3
April,	9	11	9	5	1	1	6	...	1	6	5	1
May,	1	10	9	4	3	...	4	...	4	11	3	...
June,	...	10	9	3	1	1	1	7	2	10	5	...
July,	...	22	21	13	9	4	2	4	3	4	8	2
August,	1	13	12	5	2	6	9	...	9	4	8	1
September,	...	6	5	2	...	6	1	2	4	8	4	1
October,	...	1	1	...	...	11	...	...	2	8	2	...
November,	...	...	...	...	...	5	...	1	1	7	1	...
December,	...	1	1	1	1	4	4	...	...	8	...	...
Sums,	22	79	71	38	20	38	32	15	27	79	36	12

TABLE VIII.

Total Number of Times that Clouds of different Forms were observed in each month of the year 1890.

Month.	c.	c-str.	c-cum.	sm-cum.	cum.	cum-str.	str.	R-cum.	cum-nim.	nim.
January,	...	1	1	34	72	...	20	13	18	40
February,	...	9	2	24	57	...	23	7	45	20
March,	...	8	2	33	76	...	54	1	61	37
April,	...	39	15	27	119	...	22	1	25	20
May,	...	41	16	35	143	2	11	5	31	28
June,	1	95	18	15	162	...	10	...	26	30
July,	...	81	17	40	163	1	22	...	18	39
August,	...	103	32	46	153	...	4	...	13	21
September,	4	60	14	45	141	...	9	...	10	14
October,	...	27	13	70	77	...	...	...	12	1
November,	...	44	4	69	97	...	6	...	11	2
December,	2	5	1	68	106	...	2	...	23	11
Sums,	7	513	135	506	136.6	3	183	27	293	263

TABLE IX.

Month.	Barometric Tide.	Mean Diurnal Variability of Temperature.	Temperature decrease Height for 1°	Rain Fall.		Hourly Intensity of Rain.	Mean direction of Clouds whence coming.			Number of Days with Clouds below.	
				Mean 1878-1887 inclus.	1890.		Lower.	Upper.	Cirrus.	2000 ft.	1000 ft.
	ins.	°	*feet.*	*ins.*	*ins.*	*ins.*					
January,	0.111	2.35	305	1.47	2.395	0.028	E 21° N	W 13° S	...	10	4
February,	.110	2.68	397	1.66	1.475	0.026	E 34° S	W 12° S	...	15	6
March,	.098	2.51	388	3.53	4.155	0.048	E 5° S	W 1° S	...	24	16
April,	.096	2.16	407	6.55	1.955	0.049	E 45° S	W 3° S	...	22	9
May,	.088	2.26	322	9.82	11.235	0.184	E 45° S	W 13° N	...	20	4
June,	.071	1.05	248	12.67	14.835	0.221	S 14° W	N 8° E	NE	20	2
July,	.069	1.54	276	16.41	22.600	0.359	S 31° W	N 45° E	...	24	0
August,	.073	1.10	322	16.93	8.950	0.199	W 34° S	E 35° N	...	12	3
September,	.076	1.50	295	9.89	1.940	0.055	E 6° N	S 13° E	...	4	0
October,	.092	1.53	300	5.06	0.015	0.005	E 22° N	E 16° N	...	0	0
November,	.101	1.25	322	1.04	0.010	0.001	E 21° N	W	...	0	0
December,	.105	1.94	300	0.49	1.370	0.046	E 1° N	W 4° S	W	13	2
Mean,	0.091	1.82	323	85.52	70.935	0.102	E 36° S	S 5° W	...	164	46

TABLE X.

Monthly Extremes of the Principal Meteorological Elements registered at the Observatory during the year 1890.

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, ...	30.255	29.742	70.8	44.0	25	0.568	0.077	0.620	0.115	40	139.9
February, ...	.232	.616	78.8	48.8	41	0.795	0.235	0.425	0.420	37	139.7
March, ...	.229	.703	75.5	47.4	45	0.726	0.195	1.725	0.400	48	140.3
April, ...	.083	.604	88.6	55.6	38	0.858	0.251	0.535	0.210	37	146.5
May, ...	29.910	.584	90.9	69.7	57	1.033	0.498	5.300	1.950	41	151.9
June, ...	.782	.427	92.6	73.4	64	0.967	0.774	2.890	1.250	39	153.3
July, ...	.802	.389	90.1	72.3	69	1.015	0.723	5.815	1.890	33	150.8
August, ...	.844	.516	90.8	71.6	61	1.024	0.719	3.000	0.935	28	150.8
September, ...	.860	.515	91.3	66.7	34	0.959	0.359	1.085	0.300	43	148.7
October, ...	30.103	.560	93.8	64.4	27	0.896	0.199	0.010	0.005	53	164.0
November, ...	.148	.864	82.8	54.7	16	0.620	0.078	0.005	0.005	33	142.3
December, ...	.195	.759	80.5	52.8	29	0.741	0.153	0.620	0.500	39	135.1
Year, ...	30.255	29.389	93.8	44.0	16	1.033	0.077	5.815	1.950	53	164.0

TABLE XI.

Monthly Extremes of the Principal Meteorological Elements registered at Victoria Peak during the year 1890.

Month.	Barometer.		Temperature.		Rain.	Wind.
	Max.	Min.	Max.	Min.	Daily Max.	Force Max.
January, ...	28.42	28.04	66	39	0.80	6
February, ...	.41	27.93	68	48	0.56	6
March, ...	.40	28.03	72	45	1.38	6
April, ...	.29	27.94	76	50	1.26	6
May, ...	.16	.92	79	65	5.10	6
June, ...	.09	.75	80	70	5.00	7
July, ...	.09	.77	82	69	6.25	6
August, ...	.15	.87	80	69	3.70	5
September, ...	.13	.86	83	61	1.40	7
October, ...	.33	.91	81	60	0.00	7
November, ...	.38	28.14	72	46	0.00	6
December, ...	.38	.08	71	51	1.45	6
Year, ...	28.42	27.75	83	39	6.25	7

TABLE XII.

Five-Day Means of the Principal Meteorological Elements observed in Hongkong in 1890.

Five-Day Periods.	Observatory.								Victoria Peak.			
	Barometer.	Temperature.	Humidity.	Vapour Tension.	Wind Velocity.	Nebulosity.	Sunshine.	Rain.	Barometer.	Temperature.	Wind Force.	Rain.
January 1– 5	30.087	57.5	56	0.297	16.0	5.6	5.7	0.002	28.293	53.1	3.6	0.00
„ 6–10	.081	59.2	63	.317	13.8	1.0	9.6	0.000	.301	54.0	3.9	0.00
„ 11–15	29 989	60.5	83	.437	13.3	8.4	1.6	0.111	.205	53.5	3.9	0.19
„ 16–20	30.041	60 2	80	.419	12.4	7.9	3.1	0.242	.248	54.4	3.7	0.11
„ 21–25	29.977	60.3	83	.440	13.9	7.0	4.3	0.117	.191	53.9	4.5	0.08
„ 26–30	30.008	56.4	62	.291	14.1	8.7	2.0	0.007	.221	49.7	4.3	0.02
„ 31– 4	.026	61.6	73	.403	13.5	6.0	6.1	0.054	.253	54.6	4.3	0.11
February 5– 9	29.993	62.0	77	.429	13.3	2.3	7.9	0.002	.226	58.1	3.5	0.03
„ 10–14	30.041	60.3	72	.378	10.8	3.8	8.6	0.001	.257	56.3	3.5	0.00
„ 15–19	29.780	68.8	92	.653	7.1	8.9	1.7	0.195	.070	65.0	4.2	0.16
„ 20–24	.963	61.9	86	.481	17.6	10.0	0.3	0.043	.189	58.2	3.9	0.04
„ 25– 1	30.007	61.8	80	.448	17.1	9.3	1.3	0.000	.230	55.7	4.2	0.00
March 2– 6	.117	58.2	72	.355	17.5	9.0	3.1	0.036	.308	51.0	4.1	0.03
„ 7–11	29.873	63.4	85	.494	22.1	8.6	3.0	0.000	.125	59.9	4.1	0.00
„ 12–16	.915	55.3	89	.393	14.4	10.0	0.0	0.725	.128	49.9	4.3	0.80
„ 17–21	.901	66.2	91	.591	16.2	7.8	5.6	0.003	.167	63.1	3.7	0.00
„ 22–26	.842	63.6	87	.516	20.0	9.4	2.3	0.031	.087	59.9	4.0	0.05
„ 27–31	.858	65.4	85	.532	13.5	10.0	0.4	0.036	.102	59.5	3.5	0.07
April 1– 5	.931	63.0	78	.453	17.4	7.7	2.6	0.128	.152	56.1	4.2	0.13
„ 6–10	.958	68.0	72	.507	11.1	6.1	6.4	0.000	.215	64.4	3.1	0.00
„ 11–15	.827	69.9	91	.672	16.0	7.6	4.4	0.080	.099	67.4	4.1	0.13
„ 16–20	.804	74.4	92	.780	11.6	6.5	4.9	0.007	.091	71.4	3.3	0.00
„ 21–25	.704	77.6	84	.796	10.6	6.2	8.2	0.150	.014	72.2	3.9	0.28
„ 26–30	.795	74.9	85	.730	17.6	7.0	5.5	0.026	.064	69.7	4.0	0.0
May 1– 5	.717	77.0	78	.720	16.8	6.8	5.8	0.011	.008	71.1	4.0	0.09
„ 6–10	.714	77.7	87	.824	16.3	9.0	2.5	0.138	.012	72.8	4.5	0.23
„ 11–15	.781	76.3	85	.767	18.6	6.4	6.0	0.036	.082	72.2	3.8	0.00
„ 16–20	.735	81.5	81	.871	8.8	5.9	8.9	0.014	.044	75.2	3.5	0.00
„ 21–25	.673	77.8	86	.823	13.6	9.6	1.3	1.918	27.991	72.7	4.5	1.95
„ 26–30	.770	75.4	80	.705	21.2	9.6	2.5	0.130	28.060	69.2	4.6	0.05
„ 31– 4	.684	81.5	83	.893	8.7	9.3	3.0	0.530	.003	74.1	4.3	0.81
June 5– 9	.661	79.5	88	.880	10.5	8.6	3.0	0.667	27.979	74.0	3.7	1.48
„ 10–14	.703	83.1	79	.896	11.0	7.8	6.1	0.030	28.020	74.8	4.5	0.06
„ 15–19	.675	82.0	80	.870	8.2	6.8	6.1	0.512	.007	74.9	4.1	1.31
„ 20–24	.684	81.9	82	.889	13.5	9.2	3.8	0.680	.003	74.0	4.9	1.13
„ 25–29	.618	80.9	82	.863	20.5	6.2	6.1	0.341	27.925	74.0	4.9	0.64
„ 30– 4	.655	81.9	84	.918	13.2	7.6	5.5	0.370	.970	74.5	4.6	0.40
July 5– 9	.601	80.5	87	.903	9.9	9.5	1.8	1.037	.936	74.4	4.0	0.72
„ 10–14	.592	81.7	83	.897	6.8	5.9	8.1	0.074	.930	75.4	3.4	0.00
„ 15–19	.542	80.9	85	.895	9.4	8.4	3.8	1.242	.877	74.9	4.0	1.29
„ 20–24	.681	78.4	89	.867	10.1	10.0	0.0	1.587	.989	72.9	4.3	2.17
„ 25–29	.679	81.7	83	.904	10.1	6.6	6.5	0.413	.994	74.8	3.9	0.11
„ 30– 3	.570	81.0	83	.882	6.4	7.2	4.5	0.113	.908	75.4	3.6	0.00
August 4– 8	.622	81.8	83	.896	4.6	4.9	9.0	0.042	.952	76.0	2.9	0.00
„ 9–13	.603	79.5	87	.877	6.6	8.8	3.1	0.738	.926	73.7	3.5	1.20
„ 14–18	.734	78.0	88	.843	5.2	9.0	3.3	0.856	28.046	72.8	3.7	1.22
„ 19–23	.732	81.7	82	.883	5.0	1.7	11.5	0.000	.054	75.3	3.4	0.00
„ 24–28	.689	80.5	81	.849	6.1	8.3	4.2	0.041	.005	75.0	2.4	0.00
„ 29– 2	.669	81.1	84	.887	6.0	7.5	6.6	0.031	27.989	75.1	3.8	0.05
September 3– 7	.584	81.0	77	.821	13.6	6.6	6.6	0.034	.902	75.5	3.7	0.28
„ 8–12	.665	78.9	77	.763	13.5	5.7	5.7	0.217	.980	72.8	3.8	0.04
„ 13–17	.760	79.1	75	.750	11.4	6.8	5.7	0.058	28.065	73.7	3.3	0.00
„ 18–22	.748	79.4	65	.662	9.7	3.1	9.4	0.010	.051	74.5	3.5	0.00
„ 23–27	.734	74.4	68	.577	24.6	9.2	2.1	0.038	.008	66.4	5.7	0.12
„ 28– 2	.684	80.8	72	.757	7.9	4.9	6.7	0.000	27.993	75.7	2.7	0.00
October 3– 7	.754	76.6	65	.592	23.4	8.2	3.2	0.000	28.035	69.7	4.8	0.00
„ 8–12	.808	77.5	67	.632	11.5	2.2	9.4	0.000	.097	71.8	3.5	0.00
„ 13–17	.920	76.3	76	.692	24.2	7.1	6.7	0.003	.193	69.8	4.4	0.00
„ 18–22	.902	73.9	50	.420	12.0	1.2	9.6	0.000	.173	68.0	3.3	0.00
„ 23–27	.973	71.4	57	.439	14.3	1.0	10.1	0.000	.220	66.0	3.4	0.00
„ 28– 1	30.007	70.6	60	.455	10.0	0.7	9.5	0.000	.277	65.6	3.1	0.00
November 2– 6	.095	69.7	67	.485	15.4	3.7	7.9	0.000	.255	63.6	4.1	0.00
„ 7–11	29.967	70.5	68	.512	14.7	4.2	7.0	0.001	.221	64.3	3.7	0.00
„ 12–16	.977	66.4	59	.374	11.8	6.6	4.6	0.000	.214	59.5	3.4	0.00
„ 17–21	30.058	69.6	73	.531	16.3	5.4	6.0	0.001	.297	63.8	3.7	0.00
„ 22–26	.056	68.1	75	.514	11.8	3.1	9.0	0.000	.297	64.9	2.7	0.00
„ 27– 1	.008	67.9	71	.489	12.0	4.5	6.3	0.000	.265	63.9	3.5	0.00
December 2– 6	29.974	67.3	75	.503	21.2	6.7	5.4	0.124	.210	60.2	4.7	0.29
„ 7–11	.969	63.3	74	.437	17.2	6.2	4.1	0.120	.201	56.1	4.3	0.00
„ 12–16	.949	64.2	73	.441	10.5	2.4	8.1	0.022	.201	58.0	3.0	0.03
„ 17–21	.951	66.6	84	.548	14.2	7.0	4.0	0.000	.213	61.0	3.2	0.00
„ 22–26	.953	67.2	81	.542	14.8	5.8	6.2	0.002	.205	61.9	3.3	0.00
„ 27–31	.973	66.4	71	.484	11.6	3.0	9.2	0.006	.235	61.3	3.9	0.00

Appendix A.

WEATHER-FORECASTS ISSUED FROM THE HONGKONG OBSERVATORY.

METEOROLOGICAL SIGNALS.

Meteorological signals are hoisted on the mast beside the time-ball at Kowloon Point for the information of masters of vessels leaving the port. They do not imply that bad weather is expected here.

A Drum indicates a typhoon to the east of the Colony.

A Ball indicates a typhoon to the west of the Colony.

A Cone pointing upwards indicates a typhoon to the north of the Colony.

A Cone pointing downwards indicates a typhoon to the south of the Colony.

Red signals indicate that the centre is believed to be more than 300 miles away from the Colony.

Black signals indicate that the centre is believe l to be less than 300 miles away from the Colony.

NIGHT SIGNALS.

Two lanterns hoisted vertically indicate bad weather in the Colony and that the wind is expected to veer.

Two lanterns hoisted horizontally indicate bad weather in the Colony and that the wind is expected to back.

LOCAL STORM-WARNINGS.

The Colony itself is warned of approaching typhoons by means of the **typhoon-gun** placed at the foot of the mast.

One round is fired whenever a strong gale of wind is expected to blow here.

Two rounds are fired when a typhoon is expected here.

Three rounds are fired whenever the wind is expected to shift suddenly during a typhoon.

NOTICE BOARDS.

Observations made at 10 a. and 4 p. are exhibited about 10 a. and 4 p. on notice boards placed at the Eastern Extension Australasia and China Telegraph Company's Offices, at Pedder's Wharf, and at the Harbour Office.

The deductions drawn from the **telegraphic information** received is exhibited about 11 a.

The **China Coast Meteorological Register** is exhibited about Noon (Sundays and Government Holidays, excepted.)

Information is exhibited also at other hours, day and night, whenever necessary while typhoons are raging in the Far East.

SPECIAL ENQUIRIES.

Masters of vessels who regularly send their observations to the Observatory may whenever necessary call at the Telegraph Company's Offices in Queen's Road and send telegrams to the Observatory asking for special information without charge. Such inquiries may also be sent from the Police Station at Kowloon Point, which is connected with the Observatory through a telephone line.

THE LAW OF STORMS.

Further information concerning the weather to be expected while signals are hoisted, is given in a pamphlet "The Law of Storms in the Eastern Seas" published in September, 1886.

W. DOBERCK,
Director.

Hongkong Observatory, 11th October, 1890.

TABLE I.

BAROMETRIC PRESSURE FOR THE MONTH OF JANUARY, 1890.

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,...	29.890	29.879	29.873	29.870	29.872	29.889	29.914	29.926	29.951	29.950	29.939	29.899	29.872	29.853	29.855	29.850	29.861	29.875	29.895	29.918	29.935	29.948	29.956	29.958	29.901
„ 2,...	.966	.967	.967	.952	.957	.989	30.008	30.031	30.045	30.055	30.049	30.028	.983	.959	.943	.943	.957	.971	30.001	30.025	30.051	30.066	30.086	30.079	30.003
„ 3,...	30.088	30.099	30.091	30.085	30.095	30.105	.120	.151	.165	.177	.155	.148	30.111	30.105	30.095	30.104	30.136	30.163	.179	.197	.209	.241	.240	.239	.146
„ 4,...	.234	.209	.192	.167	.154	.163	.197	.220	.242	.241	.224	.187	.151	.143	.136	.151	.169	.181	.196	.202	.213	.208	.206	.206	.191
„ 5,...	.201	.199	.183	.180	.181	.194	.210	.234	.250	.247	.230	.204	.175	.154	.141	.140	.153	.160	.173	.190	.201	.209	.213	.216	.193
„ 6,...	.205	.200	.200	.203	.205	.211	.214	.229	.248	.251	.229	.200	.164	.143	.128	.127	.125	.135	.152	.160	.167	.172	.168	.158	.183
„ 7,...	.150	.139	.128	.130	.133	.137	.148	.167	.178	.186	.154	.118	.070	.041	.017	.014	.022	.037	.041	.053	.050	.055	.052	.059	.095
„ 8,...	.051	.040	.026	.022	.018	.024	.037	.057	.063	.061	.045	.017	29.981	29.960	29.944	29.942	29.960	29.967	29.982	.006	.024	.033	.034	.046	.014
„ 9,...	.046	.041	.030	.032	.037	.040	.086	.123	.146	.152	.136	.102	30.062	30.035	30.015	30.014	30.017	30.022	30.042	.065	.080	.092	.092	.094	.067
„ 10,...	.092	.084	.073	.060	.056	.063	.079	.097	.106	.108	.091	.054	.024	29.996	29.983	29.984	29.990	.000	.009	.029	.037	.035	.034	.032	.046
„ 11,...	.038	.024	.007	.001	.004	.017	.026	.039	.048	.051	.044	.011	29.974	.945	.936	.947	.943	29.946	29.955	29.963	29.975	29.984	29.974	29.972	29.993
„ 12,...	29.974	29.972	29.966	29.968	29.975	29.981	29.989	.007	.035	.040	.020	29.996	.968	.952	.937	.937	.948	.961	.970	.972	.976	.978	.976	.987	.979
„ 13,...	.990	.983	.979	.988	.997	30.018	30.043	.068	.086	.095	.078	30.052	30.019	.997	.974	.973	.981	.992	.991	.992	30.001	30.008	30.003	30.007	30.013
„ 14,...	.999	.982	.977	.970	.966	29.979	29 994	.004	.014	.014	29.998	29.965	29.928	.911	.894	.896	.907	.916	.925	.941	29.951	29.967	29.971	29.970	29.960
„ 15,...	.973	.974	.967	.965	.972	.986	30.012	.037	.047	.054	30.029	30.010	.967	.950	.939	.934	.953	.961	.982	30.023	30.043	30.055	30.067	30.065	.999
„ 16, .	30.070	30.068	30.065	30.068	30.076	30.096	.115	.142	.157	.168	.160	.138	30.107	30.074	30.057	30.052	30.071	30.088	30.112	.132	.140	.141	.142	.136	30.104
„ 17,...	.132	.125	.113	.115	.120	.147	.162	.174	.192	.191	.170	.137	.091	.064	.047	.040	.053	.065	.081	.099	.113	.119	.112	.097	.115
„ 18,...	.089	.089	.085	.082	.082	.095	.109	.126	.143	.147	.131	.096	.039	.007	29.999	29.993	29.998	29.998	.007	.034	.010	.005	29 994	29.994	.056
„ 19,...	29.972	29.953	29.946	29.929	29.909	29.909	29.927	29.958	29.984	29.998	29.988	29.936	29.918	29.908	.904	.916	.929	.953	29.957	29.981	29.991	29.978	.965	.976	29.951
„ 20,...	.967	.954	.931	.934	.934	.946	.971	.981	30.009	30.020	30.022	.994	.983	.957	.934	.971	.951	.972	.985	30.007	30.029	30.033	30.038	30.021	.981
„ 21,...	30.001	.986	.968	.953	.951	.987	30.000	30.021	.056	.036	.039	.995	.951	.949	.935	.951	.963	.976	30.004	.004	.013	29.992	29.980	29.986	.989
„ 22,...	29.970	.980	.958	.935	.933	.941	29.957	29.977	29.993	.003	29.981	.954	.907	.898	.883	.906	.919	.918	29.928	29.945	29.944	.955	.957	.935	.945
„ 23,...	.925	.915	.912	.902	.903	.918	.932	.946	.970	92.977	.976	.950	.917	.904	.899	.900	.905	.925	.950	.970	.983	30.003	.996	30.001	.941
„ 24,...	.992	.987	.991	.995	30.008	30.041	30.067	30.091	30.106	30.110	30.098	30.066	30.025	30.003	.992	.990	30.000	30.006	30.018	30.034	30.046	.052	30.043	.038	30.033
„ 25,...	30.031	30.014	.993	.977	29.983	.003	.014	.032	.044	.041	.034	.006	29.974	29.935	.915	.919	29.928	29.935	29.936	29.943	29.949	29.946	29.941	29.934	29.976
„ 26,...	29.935	29.924	.908	.891	.884	29.881	29.891	29.904	29.921	29.916	29.895	29.864	.822	.794	.783	.779	.785	.786	.784	.786	.789	.795	.797	.794	.846
„ 27,...	.770	.762	.745	.742	.746	.763	.792	.811	.829	.848	.844	.834	.820	.808	.813	.832	.849	.864	.891	.915	.928	.954	.964	.981	.838
„ 28,...	.988	.983	.993	.988	30.007	30.035	30.058	30.075	30.084	30.113	30.112	30.095	30.064	30.049	30.042	30.039	30.058	30.081	30.115	30.139	30.147	30.153	30.141	30.139	30.071
„ 29,...	30.156	30.159	30.142	30.153	.153	.162	.205	.227	.238	.255	.236	.202	.169	.138	.124	.121	.133	.150	.143	.174	.175	.161	.137	.142	.169
„ 30,...	.135	.119	.109	.064	.077	.081	.112	.143	.145	.152	.143	.125	.105	.098	.079	.085	.097	.106	.110	.128	.139	.146	.156	.151	.117
„ 31,...	.144	.122	.107	.094	.088	.101	.117	.130	.151	.155	.145	.130	.097	.070	.061	.063	.062	.069	.081	.105	.120	.113	.112	.108	.106
Hourly Means, ...	30.038	30.030	30.020	30.013	30.015	30.029	30.049	30.069	30.086	30.092	30.077	30.050	30.014	29.994	29.981	29.984	29.994	30.006	30.019	30.037	30.046	30.052	30.050	30.049	30.033

TABLE II.

TEMPERATURE FOR THE MONTH OF JANUARY, 1890.

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,	64.2	64.2	64.4	64.2	64.2	64.5	64.9	66.2	67.9	68.0	67.0	67.9	67.6	67.3	65.9	65.8	64.3	64.2	64.9	64.9	64.0	63.9	63.7	63.7	65.3	68.6	63.6
„ 2,	63.0	63.8	63.8	63.7	62.8	62.6	63.1	63.3	66.1	66.0	64.7	66.0	66.0	66.4	66.2	64.8	63.2	63.3	63.8	65.3	62.2	60.2	59.8	58.6	63.7	66.4	58.6
„ 3,	58.7	57.6	56.6	56.0	55.5	55.5	55.6	57.6	60.2	58 4	59.0	58.0	58.8	59.8	59.9	56.7	55.0	53.0	52.1	51.9	51.2	50.3	49.7	48.4	55.6	61.5	48.1
„ 4,	46.6	45.8	45.6	45.2	45.3	45.0	44.6	44.8	45.2	49.0	54.1	51.8	52.8	55.7	57.7	53.6	53.7	50.2	50.3	50.1	50.2	49.3	48.9	48.2	49.3	58.3	44.0
„ 5,	47.1	46.3	45.6	45.5	44.5	45.2	46.0	50.4	53.5	55.0	55.8	57.3	59.0	60.5	58.1	58.7	57.3	57.0	57.1	56.8	56.0	56.9	57.0	57.1	53.5	61.3	44.0
„ 6,	57.0	56.5	56.2	55.6	55.4	55.3	55.9	56.8	58.3	59.1	61.9	61.4	60.1	60.6	60.4	59.9	59.4	58.0	58.0	58.0	58.0	58.3	57.7	57.9	58.2	62.3	54.9
„ 7,	58.1	57.7	57.2	57.0	56.9	56.1	56.8	58.5	60.2	61.6	62.6	64.6	63.8	63.5	61.9	60.6	60.2	59.0	58.8	58.0	57.9	57.8	57.2	56.9	59.3	66.1	55.6
„ 8,	56.7	56.2	55.9	55.4	55.0	55.0	56.1	60.8	63.0	63.8	64.0	63.7	64.8	66.0	64.8	64.7	63.0	61.6	60.8	60.0	59.9	59.0	58.1	57.5	60 2	66.3	54.5
„ 9,	57.8	56.7	57.1	58.7	59.7	59.4	58 5	59.3	59.9	60.7	64.1	63.6	65.2	63.9	66.4	65.9	65.2	61 3	60.9	59.5	59.7	57.8	57.8	56.3	60.6	67.4	56.2
„ 10,	55.2	55.3	53.8	53.1	52.0	52.1	55.7	57.5	58.5	59.8	60.3	61.2	60.8	60.5	59 9	59.7	59.0	57.8	57.8	58.0	58.0	58.0	58.0	57.9	57.5	61.8	50.9
„ 11,	57.9	57.9	58.1	58.1	57.8	57.6	57.5	59.2	60 4	60.7	61.2	61.1	58.8	58.1	58.3	58.1	58.1	58.1	58.9	59.1	59.5	60.1	60.6	60.2	59.0	62.6	56.6
„ 12,	60.9	61.2	60.8	60.8	60.8	61.3	62.0	61.8	61.7	62.2	62.3	63.0	62.8	62.7	63.1	63.6	63.3	62.2	62.0	61.2	62.1	63.9	64.1	62.6	62.2	64.1	59.7
„ 13,	61.2	60.6	59.4	59.0	58.7	58.4	57.8	57.0	57.1	57.0	57.0	57.0	57.1	58.0	58.2	57.8	58.2	58.1	58.3	58.4	58.7	58.7	58.6	58.6	58.3	64.3	56.5
„ 14,	58.3	58.3	58.2	58.3	58.3	58.1	58.5	58.9	59.1	60.3	61.1	62.4	63.9	63.8	64.2	64.7	64.0	63.0	62.4	61.5	62.3	61.5	60.9	61.6	61.0	65.5	57.5
„ 15,	61.2	60.8	60.6	61.0	60.8	60.3	59.0	60.5	62.8	65.0	65.4	64.8	64.8	65.7	64.5	65.5	63.6	60.7	60.0	60.9	60.3	61.3	60.3	59.1	62.0	67.1	58.4
„ 16,	59.5	58.3	57.4	57.0	57.0	56.7	55.5	56.2	57.6	57.6	60.4	60.3	60.7	62.3	*61.6	60.9	61.0	56.9	55.9	57.0	57.8	57.8	58.3	58.4	58.4	64.1	54.9
„ 17,	58.0	57.8	56.6	56.6	56.6	56.8	55.9	56.7	58.1	59.7	62.3	62.8	63.0	64.1	61.7	61.3	60.8	59.0	58.3	58.9	59.2	59.5	59.5	59.8	59.3	64.9	54.8
„ 18,	59.6	59.4	58.9	58.7	58.7	58.2	58.5	59.1	59.3	61.8	64.2	64.8	67.2	65.3	67.3	66.6	65.8	60.8	59.9	59.7	59.3	59.3	59.6	59.9	61.3	68.2	56.2
„ 19,	60.0	60.0	60.1	60.4	61.9	62.5	61.9	61.9	62.3	62.2	64.0	64.2	65.8	63.9	62.1	61.0	60.7	59.5	60.6	60.4	60.4	60.3	60.7	60.8	61.6	65.9	58.0
„ 20,	60.4	60.3	60.2	60.0	60.3	60.2	60.3	60.4	60.2	60.1	60.0	59.8	60.0	60.3	60.5	60.7	60.6	60.6	60.0	60.2	60.1	59.9	59.3	59.7	60.2	60.9	58 5
„ 21,	60.0	60.0	60.1	60.0	60.0	60.0	60.0	60.1	60.4	61.0	61.1	61.4	61.6	63.4	64.1	62.8	62.2	61.9	61.8	61.2	61.1	61.0	60.9	61.0	61.1	64.1	57.8
„ 22,	60.9	61.0	60.6	60.7	60.8	60.9	61.1	61.7	62.2	63.7	63.5	65.4	63.9	63.5	63.1	62.9	62.1	*61.6	61.2	60.3	59.9	60.1	60.4	60.0	61.7	66.2	59.0
„ 23,	60.1	60.1	60.0	60.0	60.0	60.1	60.2	60.5	61.3	61.7	62.7	64.8	68.2	68.2	68.5	68.8	67.8	63.0	62.8	61.3	60.0	58.9	57.8	57.0	62.2	70.8	56.8
„ 24,	55.9	56.0	56.0	57.6	56.7	56.6	56.8	56.4	59.6	61.4	61.5	62.0	62.4	61.0	60.3	59.9	58.7	58.1	58.1	57.9	57.8	57.9	57.1	57.1	58.4	64.5	54.9
„ 25,	57.2	56.9	56.6	56.5	56.6	56.6	56.8	57.9	58.2	58.8	60.0	59.6	59.0	59.8	60.0	59.8	59.2	58.1	58.7	59.0	59.0	58.7	58.6	58.7	58.3	60.8	56.3
„ 26,	58.6	58.6	58.4	57.8	57.4	57.4	58:0	57.8	59.1	59.8	61.4	61.5	62.7	61.4	60.4	60.3	60.2	60.2	59.7	60.1	59.8	59.8	59.7	60,3	59.6	63.5	55.9
„ 27,	60.1	60.2	60.3	60.2	61.0	61.1	60.9	62.0	62.6	64.4	63.4	60.2	60.0	59.2	58.0	57.9	58.5	58.2	56.7	55.2	54.4	53.7	53.6	52.7	58.9	65.5	52.4
„ 28,	52.7	51.1	50.0	50.0	50.0	49.6	49.8	50.4	53.0	56.8	57.7	57.1	59.9	58.8	59.4	58.6	57.9	55.0	55.8	55.0	54.2	52.9	51.3	50.5	54.1	61.3	47.0
„ 29,	50.0	49.4	49.4	49.0	49.0	48.8	48.5	49.4	50.6	52.6	52.4	58.7	56.9	54.7	55.3	55.8	54.8	54.2	54.8	55.3	54.2	54.7	54.3	54.2	52.8	59.5	47.0
„ 30,	54.3	54.3	53.6	53.5	53.2	52.8	52.8	54.6	56.6	58.8	59.2	59.4	60.8	60.4	59.1	57.8	57.2	57.0	57.0	57.1	56.9	56.9	56.6	56.2	56.5	62.0	51.6
„ 31,	56.0	56.0	55.4	54.9	54.3	54.4	55.0	58.3	62.2	62.9	64.2	63.5	62.8	63.7	62.2	61.8	60.7	59.8	59.8	59.8	60.2	60.6	60.3	60.1	59.5	64.7	52.6
Hourly Means,	57.7	57.4	57.0	56.9	56.8	56.7	56.9	57.9	59.3	60.3	61.2	61.6	62.0	62.0	61.7	61.2	60.5	59.1	58.9	58.8	58.5	58.4	58.1	57.8	59.0	64.2	54.6

* Interpolated.

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION, FOR THE MONTH OF JANUARY, 1890.

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,...	61.8	61.8	61.9	61.9	61.6	61.8	62.4	63.3	63.6	64.0	64.3	63.9	63.2	62.7	62.6	62.6	62.5	61.8	61.9	61.9	61.8	60.9	61.3	61.2	62.4	114.6
„ 2,...	60.7	60.5	60.4	59.7	59.7	59.9	60.5	61.4	63.1	63.1	62.0	62.5	61.6	62.5	61.9	61.9	60.5	60.7	60.7	57.7	55.0	53.8	53.1	52.0	59.8	124.0
„ 3,...	51.8	51.1	50.3	49.7	49.7	48.7	48.7	49.8	51.2	50.0	50.2	49.1	49.6	50.1	50.2	47.9	46.2	43.2	43.7	43.5	42.2	41.1	40.0	39.0	47.4	120.6
„ 4,...	37.0	36.4	36.2	36.3	36.3	34.8	35.8	35.0	36.4	39.1	43.0	40.9	42.3	44.2	45.4	42.8	41.8	39.5	38.9	39.0	39 1	39.3	39.6	39.2	39.1	116.9
„ 5,...	38.8	38.8	37.6	37.7	37.8	37.8	38.4	42.1	44.0	43.8	44.4	45.3	47.5	48.0	46.7	46.9	45.8	45.8	45.9	47.8	47.5	49.7	50.5	51.1	44.2	118.3
„ 6,...	51.3	51.3	51.0	51.0	50.8	50.4	50.9	50.9	51.5	51.1	53.2	53.3	52.6	53.4	53.5	54.3	54.2	53.7	54.5	54.6	54.6	54.6	54.5	54.0	52.7	120.2
„ 7,...	54.7	54.3	53.9	53.8	53.4	53.4	53.8	54.2	54.5	55.3	55.8	57.3	56.8	56.6	55.0	54.5	54.0	53.9	53.8	53.9	53.7	52.9	53.2	53.1	54.4	124.6
„ 8,...	53.4	53.6	53.6	52.5	52.3	52.8	53.8	56.6	56.6	56.8	57.8	56.3	55.9	57.7	56.5	55.0	53.6	53.8	53.8	54.8	54.6	54.7	53.7	53.8	54.7	122.5
„ 9,...	53.9	53.6	53.2	51.8	50.2	48.8	48.2	48.6	48.4	49.0	51.7	51.8	52.5	51.1	53.3	52.9	52.9	51.4	50.6	50.2	49.8	49.3	48.4	47.7	50.8	123.7
„ 10,...	47.8	46.3	46.1	46.5	45.7	46.3	48.1	49.6	50.5	52.8	53.8	54.1	54.6	54.7	54.7	53.3	53.1	52.1	53.6	53.0	54.0	54.2	54.6	54.5	51.4	119.3
„ 11,...	54.3	53.7	53.7	53.9	53.8	53.8	53.9	54.1	54.5	54.7	56.4	56.8	57.8	57.1	57.4	56.9	56.9	57.5	58.0	58.6	58.9	59.8	59.9	60.0	56.4	83.8
„ 12,...	60.4	60.5	60.6	60.7	60.3	60.0	59.5	60.1	60.3	60.2	59.9	59.9	60.6	60.7	59.8	59.9	60.2	60.5	60.6	60.6	60.8	60.8	60.8	60.8	60.4	74.2
„ 13,...	58.9	58.0	57.8	57.5	56.8	56.7	56.2	56.0	56.1	56.1	56.0	55.9	56.1	55.6	55.8	55.3	55.7	55.2	55.1	55.5	55.6	55.6	55.1	55.2	56.2	81.0
„ 14,...	55.1	55.1	55.0	54.8	54.9	54.9	55.0	55.8	56.0	56.9	57.2	57.9	59.0	59.2	59.8	59.7	59.7	58.8	58.8	58.7	58.7	58.6	58.0	58.2	57.3	92.5
„ 15,...	57.9	57.9	57.6	57.2	55.8	55.7	55.0	56.7	57.9	59.1	58.5	59.2	59.1	59.7	59.6	59.9	58.8	58.2	57.8	55.9	55.0	56.0	55.7	54.4	57.4	133.2
„ 16,...	54.5	53.3	52.7	52.6	52.6	52.6	51.9	52.9	54.0	53.8	55.6	55.6	55.3	56.4	*55.7	54.9	54.5	52.8	52.5	52.8	53.7	53.8	54.2	54.2	53.9	118.3
„ 17,...	54.1	53.9	53.4	53.2	52.4	52.0	51.9	52.6	53.2	54.4	55.6	55.7	56.7	56.5	55.9	56.1	55.8	54.7	55.0	55.9	55.8	56.3	56.6	56.5	54.8	126.2
„ 18,...	56.2	56.0	55.4	55.2	55.0	55.0	55.7	56.0	56.5	57.0	57.4	57.7	59.0	58.3	59.6	59.5	58.7	57.4	56.9	56.8	57.0	57.0	56.7	56.8	56.9	129.4
„ 19,...	57.2	57.5	57.8	57.9	58.0	58.2	59.0	59.1	59.6	59.8	60.8	60.2	60.9	60.9	59.8	59.7	58.8	58.5	58.9	59.4	59.3	59.6	59.2	59.7	59.2	85.7
„ 20,...	59.8	59.6	58.9	58.9	58.7	58.7	59.0	59.2	59.3	59.3	59.2	59.3	59.4	59.3	59.1	58.9	59.0	59.0	58.9	58.9	59.0	58.9	58.2	58.7	59.0	79.3
„ 21,...	58.8	59.0	58.8	58.8	58.8	58.9	59.0	59.4	59.7	60.1	60.2	60.1	60.8	60.8	60.9	60.9	61.0	61.0	60.8	60.8	60.7	60.3	60.1	60.3	60.0	78.4
„ 22,...	60.1	58.9	59.7	59.3	59.4	59.8	59.2	59.4	60.4	59.8	60.5	63.3	59.9	60.9	60.6	61.4	61.1	*60.5	60.0	59.8	59.0	59.7	59.5	59.4	60.1	99.5
„ 23,...	59.4	59.4	59.2	59.1	58.9	59.0	59.0	59.1	59.7	59.8	60.0	61.2	62.8	62.6	59.7	61.1	60.2	58.9	58.9	57.0	55.3	53.8	53.0	52.8	58.7	133.9
„ 24,...	52.8	52.5	51.7	51.4	51.3	51.7	52.3	52.3	53.7	55.0	55.2	55.7	56 3	55.8	55.9	55.8	55.7	54.9	54.9	54.9	54.9	55.0	54.5	54.1	54.1	127.3
„ 25,...	53.9	53.7	53.6	53.7	53.5	52.8	52.9	53.7	54.0	54.3	55.2	55.1	55.0	55.4	55.8	56.0	55.7	55.4	55.5	56.1	56.3	55.4	55.2	55.6	54.7	121.3
„ 26,...	55.5	55.6	55.6	55.7	56.0	56.1	55.9	56.6	56.7	56.7	58.2	58.8	58.7	58.1	57.8	57.3	57.8	57.7	57.7	57.9	58.2	57.9	57.9	58.1	57.2	127.9
„ 27,...	58.4	58.7	59.6	59.7	60.5	60.7	60.9	61.9	62.3	62.9	62.6	60.0	59.2	58.0	56.9	56.8	56.7	55.1	54.6	52.7	50.7	49.8	48.8	47.6	57.3	91.4
„ 28,...	47.3	45.0	45.0	44.6	44.5	44.5	45.0	45.4	47.7	50.0	50.3	49.6	51.0	50.5	50.1	49.8	49.4	47.7	45.8	46.0	45.0	44.1	43.0	42.5	46.8	139.9
„ 29,...	42.0	41.5	40.5	40.3	39.6	39.2	40.0	40.3	40.6	42.6	42.9	47.9	46.9	44.7	44.2	44.6	43.4	43.3	42.9	43.5	46.0	44.6	43.1	43.5	42.8	122.6
„ 30,...	43.8	44.3	44.5	46.1	46.2	45.9	46.6	46.5	46.5	47.6	47.8	47.3	48.0	47.9	46.2	46.4	46.7	47.1	47.0	47.0	48.6	48.9	49.0	49.1	46.9	106.2
„ 31,...	48.7	49.4	48.3	47.0	46.5	46.4	46.8	50.0	40.1	49.7	50.0	48.3	49.8	50.6	50.0	49.3	50.6	50.7	51.3	51.8	50.8	50.0	51.8	51.7	49.5	122.6
Hourly Mean ...	53.6	53.3	53.0	52.9	52.6	52.5	52.8	53.5	54.1	54.7	55.3	55.5	55.8	55.8	55.5	55.2	54.9	54.2	54.2	54.1	53.9	53.8	53.5	53.4	54.1	112.2

* Interpolated.

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR FOR THE MONTH OF JANUARY, 1890.

Hour.	Hourly Mean.		Date.	Daily Mean.	
	Humidity.	Tension.		Humidity.	Tension.
			1890.		
1 a	76	0.366	Jan. 1,.....	84	0.526
2 „	75	.361	„ 2,.....	78	.464
3 „	75	.358	„ 3,.....	49	.221
4 „	75	.356	„ 4,.....	30	.106
5 „	74	.350	„ 5,.....	41	.169
6 „	74	.348	„ 6,.....	67	.327
7 „	75	.354	„ 7,.....	70	.360
8 „	72	.360	„ 8,.....	68	.356
9 „	69	.359	„ 9,.....	46	.244
10 „	68	.362	„ 10,.....	63	.300
11 „	66	.368	„ 11,.....	85	.422
Noon.	66	.369	„ 12,.....	90	.503
1 p	66	.372	„ 13,.....	88	.426
2 „	66	.372	„ 14,.....	78	.423
3 „	65	.368	„ 15,.....	74	.412
4 „	66	.365	„ 16,.....	73	.357
5 „	68	.365	„ 17,.....	73	.371
6 „	70	.365	„ 18,.....	74	.407
7 „	72	.367	„ 19,.....	85	.473
8 „	72	.365	„ 20,.....	93	.485
9 „	73	.363	„ 21,.....	94	.505
10 „	73	.362	„ 22,.....	91	.500
11 „	72	.357	„ 23,.....	80	.450
Midt.	72	.359	„ 24,.....	74	.363
			„ 25,.....	79	.382
			„ 26,.....	85	.438
			„ 27,.....	91	.451
			„ 28,.....	53	.225
			„ 29,.....	36	.145
			„ 30,.....	43	.193
			„ 31,.....	43	.223
Mean,.....	71	0.362	Mean.	70	0.362

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.
1890.														
Jan. 1,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 2,.....	...	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	...	...	7.7
„ 3,.....	...	...	1.0	1.0	0.3	...	...	0.5	1.0	1.0	0.9	...	...	5.7
„ 4,.....	...	...	0.5	...	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.4	...	7.8
„ 5,.....	...	0.3	1.0	1.0	1.0	1.0	1.0	1.0	0.6	...	0.5	...	...	7.4
„ 6, ...	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	...	9.9
„ 7,.....	...	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	...	9.8
„ 8,.....	...	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	...	9.2
„ 9,.....	...	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	...	9.7
„ 10,.....	...	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	...	9.6
„ 11,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 12,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 13,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 14,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 15,.....	...	...	...	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	8.1
„ 16,.....	...	...	...	...	...	...	...	...	0.4	1.0	1.0	0.5	...	2.9
„ 17,.....	...	...	...	...	...	1.0	1.0	1.0	1.0	1.0	1.0	0.3	...	6.3
„ 18,.....	...	...	...	...	...	0.9	1.0	1.0	1.0	1.0	1.0	0.5	...	6.4
„ 19,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 20,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 21,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 22,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 23,.....	...	...	...	...	0.2	0.8	1.0	1.0	0.7	1.0	0.9	0.7	...	6.3
„ 24,.....	...	...	0.3	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	...	8.7
„ 25,.....	...	...	0.6	0.1	0.9	1.0	0.1	0.5	1.0	1.0	1.0	0.5	...	6.7
„ 26,.....	...	...	0.3	0.1	0.4	1.0	1.0	0.2	...	...	...	...	...	3.0
„ 27,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 28,.....	...	...	...	0.8	1.0	0.4	0.5	0.5	0.4	0.6	0.8	0.5	...	5.5
„ 29,.....	...	...	...	...	0.1	0.1	0.9	0.6	...	...	...	...	...	1.7
„ 30,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 31,.....	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	1.0	0.5	...	9.4
Sums,.....	...	2.4	10.2	11.3	13.8	16.2	16.5	16.3	16.1	16.0	16.3	6.7	...	141.8

TABLE VI.

RAINFALL FOR THE MONTH OF JANUARY, 1890.

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.	Victoria Peak.
Jan. 1,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.010	...	0.010	1	...
„ 2,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 3,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 4,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 5,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 6,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 7,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 8,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 9,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 10,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 11,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.030	0.065	0.105	0.005	0.040	0.050	0.040	...	...	...	...	0.335	6	0.80
„ 12,.....	...	...	0.010	0.010	0.020	0.010	...	0.015	0.020	0.030	...	...	...	...	...	...	...	...	0.020	...	...	...	...	...	0.135	11	0.15
„ 13,.....	...	...	...	...	0.005	0.005	0.005	0.045	0.010	0.015	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.085	11	...
„ 14,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 15,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 16,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 17,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 18,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 19,.....	...	...	...	...	...	...	...	...	...	0.005	...	...	...	0.020	0.050	0.025	0.015	0.095	0.060	0.050	0.115	0.100	0.030	0.025	0.590	11	...
„ 20,.....	0.005	0.010	0.005	0.030	0.040	0.010	0.050	0.045	0.010	0.025	0.085	0.040	0.020	0.010	0.005	0.030	0.005	...	0.030	0.020	0.020	0.035	0.055	0.005	0.620	21	0.55
„ 21,.....	...	0.005	0.020	0.015	0.010	0.095	0.015	0.020	0.035	0.030	...	...	...	...	...	...	0.005	0.045	0.010	0.010	0.005	...	...	...	0.320	16	0.08
„ 22,.....	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.040	...	0.010	0.075	0.025	0.155	6	0.32
„ 23,.....	0.010	0.030	0.020	0.020	0.030	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.110	3	...
„ 24,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 25,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 26,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 27,.....	...	...	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.030	...	...	...	...	...	0.035	1	0.10
„ 28,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 29,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 30,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 31,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums, ...	0.015	0.050	0.055	0.110	0.105	0.120	0.070	0.125	0.075	0.105	0.085	0.040	0.020	0.060	0.120	0.160	0.030	0.180	0.200	0.160	0.140	0.145	0.170	0.055	2.395	87	2.00

The daily duration of rain at the Observatory is entered from estimation.
The rainfall at Victoria Peak is measured at 10 a. and entered to preceding day.

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND FOR THE MONTH OF JANUARY, 1890.

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	16	9	15	9	12	9	8	9	5	9	5	9	2	9	4	9	9	9	11	9	15	9	18	9	16	9	21	9	17	9	21	9	19	8	18	8	20	8	21	8	27	7	29	6	33	7	31	393	16.4	8
" 2,	8	29	6	27	7	25	7	26	7	26	6	11	8	10	8	9	10	11	10	15	9	18	9	21	8	21	8	18	8	14	8	15	8	20	8	17	8	19	5	19	1	25	1	28	2	24	2	35	483	20.1	6
" 3,	2	23	2	12	2	19	32	20	1	17	2	13	32	12	1	11	1	17	1	19	2	16	2	19	2	19	2	20	1	20	1	19	1	16	2	22	1	18	2	14	32	15	32	11	32	22	32	20	414	17.2	1
" 4,	32	27	32	31	32	30	1	21	2	17	32	18	32	20	32	21	32	23	32	22	1	21	1	14	6	12	8	8	32	9	2	11	32	13	32	7	32	10	32	11	1	10	1	15	1	15	32	12	398	16.6	1
" 5,	32	9	32	5	1	8	1	8	1	10	32	13	1	12	1	6	32	5	1	5	4	5	24	5	21	9	17	5	11	6	2	10	6	8	5	8	6	10	6	13	4	10	6	12	7	24	6	23	229	9.5	4
" 6,	6	27	7	27	6	24	5	19	5	23	6	22	7	27	6	28	7	23	8	19	6	17	9	23	9	24	9	20	9	18	8	21	8	22	7	20	7	20	7	19	7	21	7	25	7	25	7	27	541	22.5	7
" 7,	6	28	6	28	6	23	6	21	6	19	7	19	7	18	6	16	8	18	8	12	10	12	11	11	9	12	8	17	8	20	8	18	9	14	9	12	9	10	9	7	9	6	10	6	10	5	10	3	355	14.8	8
" 8,	11	4	...	0	...	0	11	3	...	1	11	2	11	3	11	2	11	2	10	14	10	16	9	18	10	18	10	14	9	14	10	14	9	12	9	7	9	7	9	5	9	6	9	4	9	2	9	0	168	7.0	1.0
" 9,	...	0	9	2	9	2	2	6	32	27	32	34	2	17	32	15	1	18	1	23	32	14	32	12	31	11	32	10	31	10	32	6	32	8	32	10	32	8	31	6	1	6	1	9	2	7	32	4	265	11.0	32
" 10,	32	4	1	14	32	9	2	4	32	8	32	3	4	6	5	10	6	10	8	15	8	21	8	16	8	20	8	20	9	21	8	19	9	21	7	16	7	15	7	16	7	16	7	17	6	17	6	16	334	13.9	7
" 11,	7	15	6	17	6	18	5	14	5	12	6	10	6	5	2	5	7	6	10	13	2	6	24	6	24	6	24	2	18	3	17	2	17	3	18	3	20	3	20	4	...	0	...	1	...	0	21	2	156	6.5	6
" 12,	...	1	...	0	21	3	...	1	26	6	2	14	32	26	32	20	32	17	32	19	1	24	1	20	2	10	2	10	32	18	1	16	1	8	1	7	1	2	1	4	...	0	6	12	7	20	7	30	288	12.0	2
" 13,	7	34	7	40	7	36	7	30	7	32	7	27	7	20	7	20	7	23	7	20	7	23	7	22	7	20	7	20	7	22	7	24	7	25	7	24	7	27	7	33	7	31	7	30	7	31	7	30	644	26.8	7
" 14,	7	31	7	32	7	28	6	24	7	19	7	14	6	13	5	13	5	14	5	13	6	9	4	8	6	4	3	4	32	9	32	6	...	1	27	5	26	5	24	5	15	3	15	2	15	3	25	5	270	11.3	6
" 15,	25	9	26	4	16	3	27	7	2	13	32	9	2	7	30	5	30	5	22	10	25	21	24	20	25	22	22	17	22	12	23	9	22	12	22	5	22	2	9	5	4	12	4	8	3	7	32	8	232	9.7	26
" 16,	1	11	32	13	1	6	2	5	1	3	4	3	4	3	4	2	2	5	24	4	30	6	6	4	3	5	4	3	8	10	8	12	3	8	1	10	1	4	2	7	4	9	3	9	4	8	3	7	157	6.5	3
" 17,	3	10	4	7	32	9	32	7	32	7	32	7	1	7	1	6	1	4	6	5	5	10	10	12	10	12	10	14	8	13	8	11	8	10	8	14	8	13	8	11	7	16	7	17	7	24	7	25	271	11.3	6
" 18,	7	25	7	27	6	28	7	29	6	29	7	24	7	19	6	11	6	5	5	4	1	5	12	6	17	6	24	7	26	5	24	7	24	5	24	3	6	6	8	11	8	7	8	10	8	9	8	7	295	12.3	7
" 19,	8	2	8	2	1	0	1	3	12	11	11	16	10	15	12	12	11	8	8	4	32	3	...	1	22	3	27	3	7	11	8	11	8	15	8	10	9	5	...	1	16	4	13	6	8	18	9	10	174	7.2	9
" 20,	9	18	7	20	7	19	8	23	7	27	8	31	7	30	7	34	7	35	7	40	7	38	7	29	7	27	7	28	7	26	6	13	8	19	8	17	8	19	8	16	6	18	8	21	7	22	7	22	592	24.7	7
" 21,	7	20	8	25	8	28	8	25	7	24	8	17	8	16	7	13	7	6	8	10	9	14	10	13	10	8	11	7	8	4	21	8	22	6	22	7	25	6	28	6	20	4	16	4	27	4	22	4	279	11.6	8
" 22,	20	3	27	6	15	3	15	3	24	3	26	2	23	6	24	3	18	3	18	2	8	5	8	3	6	5	28	5	25	4	27	7	22	8	24	8	24	3	10	6	7	3	7	2	31	2	...	0	95	4.0	24
" 23,	...	1	25	4	26	6	25	10	27	9	24	7	23	8	24	10	23	10	25	13	24	18	22	14	26	16	29	10	29	10	32	10	1	9	4	7	3	6	2	9	32	14	2	16	32	24	2	11	252	10.5	28
" 24,	4	2	...	1	...	1	32	6	32	11	32	7	2	7	2	10	32	15	4	10	32	7	8	15	8	23	8	28	6	26	7	25	7	25	7	24	6	23	7	21	6	18	6	23	7	27	7	27	382	15.9	6
" 25,	7	26	7	30	7	31	7	32	6	28	7	26	7	25	6	29	6	30	6	30	6	35	6	27	8	29	8	27	8	25	8	23	8	23	7	21	6	26	7	24	7	26	6	27	7	30	7	27	657	27.4	7
" 26,	7	23	7	25	7	24	7	25	8	25	8	25	7	23	8	26	7	24	7	24	8	24	8	22	8	23	9	21	9	18	9	18	9	14	10	15	9	19	9	20	8	20	8	17	8	18	10	17	510	21.2	8
" 27,	8	15	8	10	9	12	9	8	9	4	5	3	...	0	...	1	...	0	27	4	24	14	23	20	25	24	26	23	27	23	32	9	32	7	21	6	30	6	32	5	32	10	31	6	32	3	32	10	223	9.3	29
" 28,	32	5	32	12	2	6	1	14	32	10	32	6	31	3	32	11	1	16	32	17	32	17	32	17	32	15	32	15	32	16	1	16	2	15	1	12	32	14	1	12	32	19	2	18	32	27	1	32	345	14.4	32
" 29,	32	20	32	24	32	31	2	24	1	31	1	26	1	18	1	22	1	28	1	24	32	23	2	12	32	15	32	14	2	12	32	10	31	9	30	5	30	2	30	9	30	8	32	17	32	14	1	5	403	16.8	32
" 30,	1	2	1	4	2	2	...	1	16	3	...	1	22	4	...	0	28	6	8	5	8	9	8	12	8	12	8	14	8	16	7	18	6	18	8	14	8	11	8	9	8	14	8	13	8	11	8	10	209	8.7	7
" 31,	9	9	9	10	8	4	...	0	7	5	7	2	7	2	7	2	7	2	8	11	8	22	8	25	8	26	8	23	8	23	7	25	8	29	7	24	6	24	7	25	7	32	6	31	6	31	6	36	423	17.6	7
Sums,	...	449	...	474	...	450	...	427	...	465	...	417	...	384	...	377	...	398	...	437	...	488	...	465	...	473	...	448	...	455	...	434	...	422	...	378	...	363	...	374	...	410	...	446	...	507	...	496	10437	434.9	...
Hourly Means,	...	14.5	...	15.3	...	14.5	...	13.8	...	15.0	...	13.5	...	12.4	...	12.2	...	12.8	...	14.1	...	15.7	...	15.0	...	15.3	...	14.5	...	14.7	...	14.0	...	12.6	...	12.2	...	11.7	...	12.1	...	13.2	...	14.4	...	16.4	...	16.0	336.7	14.0	...

From 11 a. to 4 p. on the 30th from estimation (Clock Stopped.)

TABLE VIII.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR JANUARY, 1890.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N-S	+E-W	
1 a.	5.43	10.69	0.32	0.35	+5.11	+10.34	E 26° N
2 „	6.21	11.01	0.16	0.42	6.05	10.59	E 30° N
3 „	6.09	10.53	0.39	0.23	5.70	10.30	E 29° N
4 „	5.94	9.68	0.29	0.52	5.65	9.16	E 32° N
5 „	7.53	9.55	0.44	0.48	7.09	9.07	E 38° N
6 „	6.16	8.53	0.35	0.29	5.81	8.24	E 35° N
7 „	5.60	8.05	0.40	0.58	5.20	7.47	E 35° N
8 „	6.12	7.40	0.32	0.48	5.80	6.92	E 40° N
9 „	6.57	7.63	0.55	0.55	6.02	7.08	E 40° N
10 „	5.81	8.98	0.81	0.96	5.00	8.02	E 32° N
11 „	6.20	9.76	0.65	1.76	5.55	8.00	E 35° N
Noon.	3.87	10.14	0.52	2.06	2,35	8.08	E 16° N
1 p.	3.40	10.40	1.19	2.57	2.21	7.83	E 16° N
2 „	3.33	10.06	1.26	1.87	2.07	8.19	E 14° N
3 „	4.45	9.97	0.94	1.53	3.51	8.44	E 23° N
4 „	4.48	9.75	0.74	0.90	3.74	8.85	E 23° N
5 „	3.54	9.97	0.92	0.99	2.62	8.98	E 16° N
6 „	3.54	8.92	0.68	1.10	2.86	7.82	E 20° N
7 „	3.79	8.90	0.34	0.68	3.45	8.22	E 23° N
8 „	3.88	9.38	0.39	0.55	3.49	8.83	E 22° N
9 „	5.43	9.26	0.39	0.19	5.04	9.07	E 29° N
10 „	6.23	10.62	0.45	0.04	5.78	10.58	E 29° N
11 „	7.10	11.71	0.16	0.10	6.94	11.61	E 31° N
Midt.	6.74	11.44	0.41	0.35	+6.33	+11.09	E 30° N
Mean,.....	5.31	9.68	0.59	0.81	+4.72	+8.87	E 28° N

TABLE IX.

VICTORIA PEAK.

Date.	Barometer.			Temperature.					Wind.					
	10 a.	4 p.	10 p.	10 a.	4 p.	10 p.	Max.	Min.	10 a.		4 p.		10 p.	
									Direction.	Force.	Direction.	Force.	Direction.	Force.
1890.														
Jan. 1	28.19	28.11	28.15	62	64	61	65	60	ENE	2	E	3	E	4
„ 2	.28	.19	.24	61	65	62	66	51	E	4	E	2	E	4
„ 3	.33	.33	.38	51	53	46	64	46	NE	4	NE	5	N	6
„ 4	.39	.33	.35	46	49	45	50	39	NNE	4	ENE	2	NE	4
„ 5	.40	.34	.38	47	51	50	52	43	ENE	4	ENE	2	ENE	4
„ 6	.42	.35	.37	52	55	49	55	48	E	5	E	4	E	5
„ 7	.40	.26	.30	54	59	54	59	49	E	4	ENE	2	E	4
„ 8	.29	.20	.26	58	62	56	62	54	E	3	E	2	E	4
„ 9	.33	.24	.27	55	58	56	58	47	NNE	5	N	4	N	4
„ 10	.31	.26	.25	54	58	52	57	49	E	4	E	4	E	4
„ 11	.26	.17	.19	53	55	54	57	50	E	4	ENE	2	ENE	4
„ 12	.21	.18	.18	56	56	53	57	53	NE	4	NNE	5	NE	5
„ 13	.22	.22	.22	54	54	50	56	50	E	4	E	4	E	4
„ 14	.19	.16	.19	51	53	52	57	47	E	4	ENE	3	ENE	4
„ 15	.27	.20	.22	58	60	54	60	52	NNE	5	NNE	3	NNW	3
„ 16	.35	.26	.29	53	56	52	56	51	ENE	3	ENE	3	NE	4
„ 17	.37	.27	.32	52	58	53	58	51	ENE	3	E	2	E	3
„ 18	.34	.24	.20	53	60	58	60	52	E	4	ENE	1	E	4
„ 19	.22	.14	.18	58	57	55	60	54	ESE	4	E	5	NE	4
„ 20	.18	.19	.17	55	55	55	59	55	E	6	E	5	NE	4
„ 21	.22	.18	.19	56	53	51	60	51	NE	4	NE	5	E	4
„ 22	.20	.15	.17	56	57	58	60	52	NE	3	NE	4	NE	4
„ 23	.20	.15	.17	55	60	56	60	50	NW	5	NW	4	NW	4
„ 24	.30	.21	.23	54	55	51	57	50	NE	4	E	5	E	5
„ 25	.23	.14	.12	51	53	51	54	50	E	6	E	5	E	5
„ 26	.12	.05	.06	52	55	56	59	51	ESE	5	E	5	SE	4
„ 27	.09	.04	.10	59	52	50	60	50	SSE	2	NNW	5	NW	5
„ 28	.28	.25	.34	48	53	44	54	46	NE	5	NNE	4	NE	5
„ 29	.40	.22	.34	45	48	46	50	44	NE	5	NE	4	NE	4
„ 30	.33	.28	.31	49	50	48	51	47	E	3	E	4	ENE	4
„ 31	.36	.28	.30	54	55	50	56	49	E	4	E	4	E	6
Mean,	28.230	28.216	28.240	53.6	55.8	52.5	57.7	49.7	E 20° N	4.1	E 26° N	3.6	E 27° N	4.3

TABLE X.

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
1890.												
Jan. 1, ...	10	cum.	...	10	cum.	...	10	R-cum.	E	10	str-cum.	E
„ 2, ...	10	nim.	...	10	cum.	...	6	sm-cum. / cum.	NNE / ENE	2	cum.	NE
„ 3, ...	10	cum.	NW	10	cum.	...	2	sm-cum.	W	8	sm-cum. / cum.	NNE
„ 4, ...	0	...	...	0	...	...	4	cum.	NE	1	sm-cum.	ENE
„ 5, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 6, ...	10	str-cum.	SE	10	cum.	SE	0	...	...	0	...	...
„ 7, ...	10	str-cum.	E	3	cum.	E	0	...	...	0	...	...
„ 8, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 9, ...	0	...	...	0	...	...	1	cum.	N	0	...	...
„ 10, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 11, ...	9	str-cum.	E	7	cum.	E	9	cum.	E	10	str.	...
„ 12, ...	10	cum-nim.	...	10	nim.	...	10	str-cum.	NE	10	nim.	NE
„ 13, ...	10	nim.	E	10	nim.	E	10	nim.	E	10	nim.	E
„ 14, ...	10	cum-nim.	E	10	cum.	E	10	R-cum.	ENE	10	R-cum.	ENE
„ 15, ...	10	cum.	NE	10	str-cum.	NE	10	R-cum.	NE	1	cum.	E
„ 16, ...	10	cum-nim.	...	10	cum.	...	10	R-cum.	NE	10	cum.	NE
„ 17, ...	10	str-cum.	...	10	cum.	...	10	str-cum.	NE	10	str-cum.	NE
„ 18, ...	10	cum-nim.	...	10	cum-nim.	...	9	R-cum.	NE	10	cum.	NE
„ 19, ...	10	cum.	...	10	cum.	...	10	str-cum.	...	10	nim.	SE
„ 20, ...	10	nim.	...	10	nim.	...	10	nim.	ENE	10	nim.	ENE
„ 21, ...	10	nim.	...	10	nim.	...	10	nim.	ENE	10	nim.	ENE
„ 22, ...	10	cum-nim.	...	10	cum-nim.	...	10	str-cum.	...	10	str-cum.	...
„ 23, ...	10	nim.	...	10	nim.	...	10	str-cum.	...	9	sm-cum.	W
„ 24, ...	0	...	...	10	cum-nim.	...	10	R-cum.	ENE	2	sm-cum.	...
„ 25, ...	10	cum.	...	10	cum.	...	1	cum.	E	9	cum.	ENE
„ 26, ...	10	cum.	...	10	cum.	...	9	cum.	E	10	cum. / cum.	SSW / ENE
„ 27, ...	10	cum.	...	10	cum-nim.	...	10	str. / fog.	...	10	str.	...
„ 28, ...	10	cum.	...	3	cum.	...	8	sm-cum.	WNW	2	sm-cum.	WNW
„ 29, ...	8	cum.	...	10	cum.	...	9	sm-cum.	WNW	10	str-cum.	W
„ 30, ...	10	str-cum.	...	10	str-cum.	...	10	R-cum.	W	10	str-cum.	...
„ 31, ...	7	sm-cum.	WNW	6	cum.	...	2	sm-cum.	SW	0	...	...
Mean,...	7.9	...	...	7.7	...	...	6.8	...	...	6.3	...	...

TABLE X.—*Continued.*

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 p.			4 p.			7 p.			10 p.			Daily and Monthly Means.
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	
1890.													
Jan. 1,...	10	str-cum.	E	10	str-cum.	ESE	10	str-cum.	E	8	cum.	E	9.8
„ 2,...	1	sm-cum.	...	8	sm-cum.	SW	10	sm-cum.	SW	10	sm-cum.	S	7.1
„ 3,...	5	cum.	N	3	sm-cum. / cum.	W / WNW	10	sm-cum. / R-cum.	WNW / ..	10	sm-cum. / R-cum.	WNW / ..	7.3
„ 4,...	0	...	...	0	...	...	0	...	...	0	...	...	0.6
„ 5,...	0	...	...	5	sm-cum.	S	10	sm-cum.	S	10	str-cum.	E	3.1
„ 6,...	0	...	...	0	...	...	1	cum.	ENE	3	cum.	E	3.0
„ 7,...	0	...	...	0	...	...	0	...	...	0	...	...	1.6
„ 8,...	0	...	...	0	...	...	0	...	...	0	...	...	0.0
„ 9,...	0	...	...	0	...	...	0	...	...	0	...	...	0.1
„ 10,...	0	...	...	0	...	...	0	...	...	1	cum.	E	0.1
„ 11,...	10	nim.	...	10	nim.	...	10	nim.	...	10	cum-nim.	...	9.4
„ 12,...	10	cum-nim.	NE	10	cum-nim.	NE	10	nim.	...	10	cum-nim.	...	10.0
„ 13,...	10	nim.	E	10	cum-nim.	E	10	cum-nim.	...	10	cum-nim.	...	10.0
„ 14,...	10	R-cum.	ENE	10	str-cum.	ENE	1	cum.	...	0	...	...	7.6
„ 15,...	0	...	...	0	...	...	0	...	...	10	cum-nim.	...	5.1
„ 16,...	10	cum.	NE	1	cum.	NNE	0	...	...	10	str.	...	7.6
„ 17,...	0	...	...	0	...	...	0	...	...	10	cum-nim.	...	6.3
„ 18,...	3	c-cum. / sm-cum.	W / W	0	...	...	0	...	...	1	c-str.	...	5.4
„ 19,...	10	str-cum.	...	10	nim.	...	10	nim.	...	10	nim.	...	10.0
„ 20,...	10	nim.	ENE	10	nim.	ENE	10	nim.	...	10	nim.	...	10.0
„ 21,...	10	nim.	E	10	nim.	...	10	nim.	...	10	nim.	...	10.0
„ 22,...	10	R-cum.	NW	19	nim.	NW	10	nim.	...	10	nim.	...	10.0
„ 23,...	10	sm-cum. / cum.	W / NNE	2	sm-cum. / cum.	WSW / NNE	0	...	...	0	...	...	6.5
„ 24,...	0	...	...	1	cum.	E	1	cum.	E	4	cum.	E	3.5
„ 25,...	9	sm-cum.	W	1	sm-cum. / cum.	SSW / E	0	...	...	0	...	...	5.0
„ 26,...	10	cum.	SSW	10	str-cum.	S	9	str-cum.	SSE	10	sm-cum.	WSW	9.7
„ 27,...	10	nim.	W	10	nim.	WNW	10	nim.	W	10	R-cum.	W	10.0
„ 28,...	9	cum.	...	1	sm-cum. / cum.	...	1	sm-cum.	W	1	sm-cum.	W	4.4
„ 29,...	8	sm-cum. / cum.	W / W	10	str-cum.	SSW	10	str-cum.	S	10	str-cum.	S	9.4
„ 30,...	10	str-cum.	W	10	str-cum.	...	10	str-cum.	...	10	sm-cum.	WNW	10.0
„ 31,...	0	...	...	9	sm-cum.	W	2	sm-cum.	S	9	sm-cum.	SSW	4.4
Mean,...	5.6	...	...	5.2	...	...	5.0	...	...	6.4	...	...	6.4

TABLE I.

BAROMETRIC PRESSURE FOR THE MONTH OF FEBRUARY, 1890.

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,...	30.108	30.107	30.101	30.093	30.098	30.103	30.128	30.137	30.152	30.152	30.139	30.115	30.082	30.058	30.034	30.039	30.050	30.064	30.075	30.095	30.095	30.096	30.092	30.082	30.096
„ 2,...	.084	.075	.061	.049	.050	.060	.071	.081	.093	.098	* .077	.056	.017	29.996	29.978	29.964	29.962	29.969	29.979	29.988	29.984	29.996	29.994	29.980	.028
„ 3,...	29.984	29.975	29.976	29.959	29.946	29.953	29.959	29.966	29.976	29.983	29.980	29.952	29.915	.892	.872	.869	.877	.883	.892	.909	.927	.939	.947	.949	29.937
„ 4,...	.958	.956	.945	.944	.949	.961	.975	.981	.996	30.001	.995	.972	.940	.913	.897	.904	.908	.936	.956	.976	.992	30.008	30.020	30.013	.962
„ 5,...	30.028	30.022	30.013	30.012	30.011	30.026	30.043	30.052	30.069	.075	30.068	30.047	30.009	.976	.961	.961	.968	.974	.990	30.011	30.026	.047	.052	.051	30.020
„ 6,...	.051	.043	.037	.036	.034	.041	.045	.051	.052	.051	.049	.017	29 982	.952	.930	.929	.926	.924	.926	29.940	29.944	29.945	29.944	29.937	29.991
„ 7,...	29.934	29.920	29.904	29.891	29.897	29.913	29.932	29.946	29.956	29.957	29.940	29.917	.871	.843	.818	.812	.820	.828	.833	.851	.871	.880	.885	.890	.888
„ 8,...	.900	.909	.906	.912	.915	.933	.955	.970	.977	.974	.963	.930	.905	.877	.874	.882	.893	.911	.926	.956	.982	.996	30.028	30.064	.939
„ 9,...	30.064	30.065	30.064	30.067	30.078	30.101	30.133	30.155	30.162	30.187	30.183	30.159	30.126	30.111	30.097	30.104	30.110	30.122	30.137	30.149	30.158	30.161	.162	.158	30.126
„ 10,...	.162	.162	.157	.155	.151	.172	.183	.195	.220	.232	.217	.197	.166	.140	.126	.127	.137	.150	.159	.182	.206	.220	.226	.219	.178
„ 11,...	.220	.209	.200	.192	.194	.203	.206	.213	.220	.220	.201	.172	.146	.111	.100	.096	.095	.100	.110	.131	.141	.152	.150	.141	.163
„ 12,...	.129	.119	.107	.104	.098	.096	.111	.112	.118	.135	.118	.092	.056	.031	.015	.006	.010	.017	.028	.039	.056	.059	.053	.042	.073
„ 13,...	.030	.010	.000	29.990	29.997	.009	.029	.052	.065	.070	.056	.025	29.980	29.949	29.921	29.902	29.904	29.907	29.908	29.924	29.927	29.934	29,930	29.919	29.977
„ 14,...	29.905	29.889	29.864	.850	.847	29.858	29.886	29.900	29.919	29.911	29.889	29.850	.809	.775	.746	.729	.726	.738	.739	.746	.758	.754	.747	.733	.815
„ 15,...	.718	.694	.677	.692	.690	.705	.717	.744	.757	.758	.739	.711	.679	.653	.632	.616	.620	.628	.636	.659	.674	.682	.678	.679	.685
„ 16,...	.678	.665	.655	.652	.665	.684	.700	.715	.724	.728	.720	.704	.681	.652	.628	.626	.629	.641	.654	.662	.672	.678	.678	.672	.673
„ 17,...	.670	.656	.662	.673	.688	.711	.737	.763	.788	.796	.792	.777	.755	.729	.724	.727	.732	.745	.759	.780	.784	.797	.802	.795	.743
„ 18,...	.791	.785	.783	.788	.788	.808	.834	.858	.877	.887	.884	.864	.845	.824	.814	.815	.825	.836	.850	.869	.886	.895	.892	.889	.841
„ 19,...	.884	.882	.874	.876	.878	.903	.933	.979	30.000	30.015	30.012	30.002	.970	.954	.936	.934	.949	.955	.970	.991	30.007	30.008	30.011	30.010	.956
„ 20,...	30.007	30.004	30.003	30.003	30.016	30.030	30.040	30.063	.080	.071	.075	.044	30.003	.976	.960	.958	.961	.970	.972	.992	29.991	29.975	29.982	29.974	30.006
„ 21,...	29.954	29.963	29.945	29.927	29.925	29.942	29.963	29.982	29.991	29.987	29.979	29.967	29.930	.910	.892	.889	.894	.899	.901	.912	.922	.926	.923	.936	29.936
„ 22,...	.928	.907	.890	.886	.885	.904	.913	.929	.950	.962	.954	.935	.911	.882	.874	.882	.882	.893	.906	.920	.935	.952	.964	.967	.917
„ 23,...	.959	.959	.952	.961	.980	.998	30.018	30.036	30.035	30.042	30.027	.998	.968	.949	.933	.931	.941	.946	.951	.957	.965	.974	.973	.976	.976
„ 24,...	.979	.971	.957	.955	.963	.980	.005	.024	.041	.046	.032	30.013	.979	.939	.929	.928	.938	.943	.971	† .979	† .986	.990	† .985	† .976	.980
„ 25,...	† .964	.956	.934	.937	.934	.951	29.960	.001	.022	.038	.014	29.991	.958	.948	.929	.925	.931	.939	.951	.964	.980	.979	.971	.952	.964
„ 26,...	.945	.937	.928	.936	.953	.965	.978	29.998	.007	.001	29.996	.978	.951	.921	.911	.908	.917	.928	.937	.951	.954	.965	.980	.971	.955
„ 27,...	.959	.933	.889	.890	.906	.915	.939	.959	29.977	29.979	.978	.958	.941	.913	.885	.886	.894	.910	.915	.939	.969	.975	.972	.964	.935
„ 28,...	.969	.963	.958	.967	.985	.998	30.031	30.063	30.089	30.090	30.080	30.068	30.046	30.032	30.024	30.026	30.032	30.044	30.066	30.093	30.108	30.129	30.125	30.117	30.046
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hourly Means, ...	29.963	29.955	29.944	29.943	29.947	29.962	29.979	29.997	30.011	30.016	30.006	29.983	29.951	29.925	29.909	29.906	29.912	29.921	29.932	29.949	29.961	29.968	29.970	29.966	29.957

* Interpolated. † Approximate reading.

TABLE II.

TEMPERATURE FOR THE MONTH OF FEBRUARY, 1890.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.	Max.	Min.
Feb. 1,.....	59.5	59.1	57.8	57.6	57.7	58.1	58.6	59.3	62.5	63.7	64.6	64.4	63.4	63.8	61.2	61.0	60.2	60.3	60.6	61.2	61.0	61.8	60.7	59.3	60.7	67.5	55.8
„ 2,.....	59.2	59.3	59.4	59.5	60.6	61.5	61.6	62.3	61.7	62.9	61.4	61.1	61.0	59.8	60.3	60.9	62.0	62.4	62.8	62.6	63.3	62.3	62.5	61.8	61.3	63.3	57.8
„ 3,.....	61.1	61.4	61.0	61.1	61.2	60.9	60.8	61.9	64.7	65.8	62.0	63.0	65.2	66.4	67.5	64.8	64.8	63.1	62.5	62.7	64.1	63.9	63.1	62.1	63.1	67.9	59.6
„ 4,.....	61.7	62.1	62.2	61.5	60.9	60.5	60.9	61.8	64.3	66.0	68.4	69.8	69.6	68.9	67.5	64.8	62.0	60.9	61.0	60.9	60.7	60.8	60.3	60.0	63.2	72.2	58.6
„ 5,.....	59.9	59.8	59.7	59.7	59.2	59.1	59.1	60.5	62.6	63.0	64.1	65.6	65.4	65.5	66.1	64.9	63.6	61.0	60.6	60.0	59.9	59.8	59.6	59.6	61.6	66.5	57.7
„ 6,.....	59.3	59.5	59.1	59.0	58.6	59.0	59.7	61.3	62.4	63.1	63.8	64.1	64.8	64.6	64.6	63.5	62.2	61.0	60.7	60.3	59.8	59.9	60.2	59.8	61.3	66.2	56.9
„ 7,.....	60.5	60.5	60.0	59.3	59.3	58.6	58.1	60.9	64.8	66.0	69.2	70.1	68.0	67.1	66.0	65.8	63.8	62.9	61.8	61.8	61.0	61.0	61.6	61.6	62.9	71.9	56.4
„ 8,.....	61.2	62.1	61.1	60.6	60.6	59.9	60.8	64.4	65.1	67.8	67.8	70.8	70.8	71.6	71.8	69.8	66.5	64.1	63.8	65.0	64.9	65.3	64.9	62.2	65.1	73.4	59.0
„ 9,.....	61.6	60.9	60.4	60.2	60.6	60.3	60.0	58.8	59.9	59.8	61.0	59.5	58.4	58.5	58.0	57.9	57.1	56.8	56.8	56.8	57.2	57.7	57.7	57.0	58.9	62.2	55.9
„ 10,.....	56.3	56.1	55.7	55.7	56.0	56.0	55.9	56.9	58.9	60.6	64.3	64.5	65.8	65.5	65.9	64.8	63.2	62.0	63.0	62.2	61.2	59.9	58.3	57.4	60.3	69.7	54.3
„ 11,.....	56.2	54.7	53.4	52.1	52.0	51.0	50.9	51.8	55.3	57.0	60.2	61.9	61.9	64.3	63.5	64.3	62.6	59.1	58.5	58.0	57.8	56.0	55.7	55.2	57.2	65.7	48.8
„ 12,.....	54.7	55.0	54.6	54.6	55.4	55.2	55.2	57.4	57.9	60.8	61.8	61.7	62.8	62.5	62.3	61.8	60.8	59.6	59.0	58.9	58.2	57.6	57.1	57.5	58.4	64.5	53.8
„ 13,.....	57.5	57.5	57.3	56.0	56.0	57.3	57.8	60.1	62.7	63.5	64.4	65.0	64.8	63.9	64.0	61.9	61.7	60.9	60.2	60.2	60.7	61.1	61.8	61.3	60.7	65.7	54.3
„ 14,.....	61.3	61.5	61.4	62.2	62.6	62.8	62.7	64.3	65.7	67.1	68.6	69.2	68.7	68.5	67.0	65.9	65.4	64.9	65.4	64.4	63.6	63.8	63.3	62.8	64.7	69.6	59.8
„ 15,.....	63.7	63.4	64.2	64.6	64.1	64.6	64.9	65.3	66.1	67.1	67.8	68.1	68.8	68.2	67.9	68.8	72.5	68.6	66.4	66.8	67.6	67.8	68.2	68.1	66.8	72.7	62.8
„ 16,.....	68.1	69.3	68.7	68.7	67.7	68.6	68.8	69.2	70.6	71.8	72.2	71.9	78.0	74.7	72.6	74.0	70.1	70.4	70.6	70.6	72.2	73.1	72.7	72.9	71.1	78.8	66.8
„ 17,.....	72.5	73.0	70.4	69.5	70.1	72.2	71.1	73.8	70.9	72.0	76.9	75.2	74.6	73.8	73.0	72.9	72.9	72.0	72.8	72.9	71.7	71.8	72.6	72.6	72.5	76.9	68.1
„ 18,.....	73.1	72.2	71.0	70.7	70.0	70.3	70.6	70.9	70.5	71.9	72.6	74.7	73.8	75.1	74.9	75.0	73.8	71.9	69.8	69.7	70.8	70.8	71.3	71.1	71.9	78.6	69.0
„ 19,.....	70.6	65.0	64.3	63.6	64.4	63.4	64.6	63.9	64.4	64.8	62.7	61.4	61.0	61.1	61.2	61.5	60.4	59.1	58.0	57.3	57.1	56.3	56.4	56.6	61.6	72.5	55.2
„ 20,.....	56.8	57.1	55.8	54.9	53.9	51.9	53.4	54.2	56.2	58.6	59.5	60.7	60.8	60.7	60.5	59.6	59.5	59.2	58.6	59.2	59.3	60.0	60.3	59.8	57.9	60.8	51.9
„ 21,.....	59.6	58.9	58.7	58.7	58.6	59.1	59.6	59.9	60.4	61.3	61.1	61.5	62.2	62.7	62.0	60.9	61.1	61.0	61.8	62.1	62.3	62.5	62.3	62.3	60.9	62.8	57.8
„ 22,.....	61.9	62.0	62.1	61.9	62.3	62.3	63.1	64.2	65.0	66.5	66.0	66.5	67.0	66.4	66.3	64.8	64.2	65.1	64.6	64.4	64.3	63.8	63.3	63.1	64.2	68.4	60.8
„ 23,.....	62.6	62.4	62.2	61.0	61.0	60.3	59.4	59.3	62.1	64.8	66.3	65.3	65.8	64.7	65.2	64.5	64.3	63.1	63.3	63.4	63.5	63.8	63.5	63.5	63.1	68.6	57.7
„ 24,.....	63.4	63.5	63.8	63.4	63.3	63.1	62.9	63.2	63.9	64.6	65.6	65.6	65.6	64.7	64.0	62.8	62.5	62.3	62.3	62.4	62.3	62.8	62.6	62.5	63.5	66.5	60.9
„ 25,.....	62.1	61.3	61.0	60 3	60.1	60.0	60.7	60.8	61.1	61.2	62.2	63.3	62.8	62.5	62.7	62.8	62.9	63.0	62.9	62.9	62.1	61.9	61.8	62.0	61.9	63.6	58.8
„ 26,.....	62.0	62.1	62.2	61.6	61.4	61.1	61.4	61.9	62.1	62.1	62.3	63.9	64.8	65.1	65.1	64.8	64.2	64.3	64.7	64.2	64.7	64.8	64.7	64.6	63.3	65.8	59.7
„ 27,.....	64.8	64.6	64.3	64.7	64.8	64.6	64.8	67.2	68.1	67.9	69.6	68.5	68.8	69.7	70.0	68.9	68.8	67.9	67.8	66.5	67.6	66.6	66.0	66.2	67.0	71.9	63.4
„ 28,.....	66.2	65.4	65.2	64.0	63.3	62.3	61.4	63.1	62.4	61.9	62.1	63.3	65.0	62.8	62.5	61.5	60.4	59.2	58.8	57.9	58.0	57.8	57.6	57.2	61.6	67.1	56.8
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hourly Means,.....	62.0	61.8	61.2	61.0	60.9	60.9	61.0	62.1	63.3	64.4	65.3	65.7	66.1	65.8	65.5	64.8	64.1	63.1	62.8	62.7	62.7	62.7	62.5	62.1	63.1	68.6	58.5

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION, FOR THE MONTH OF FEBRUARY, 1890.

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,...	52.6	53.5	53.9	53.6	53.7	53.8	54.9	55.5	57.5	58.7	58.6	59.3	58.8	60.0	58.4	58.9	58.4	58.6	58.6	58.7	59.1	58.9	59.2	58.7	57.2	128.4
„ 2,...	58.7	58.8	59.0	59.0	59.1	59.2	59.0	58.9	59.2	59.9	60.0	60.0	60.0	58.3	60.2	59.9	59.9	59.8	59.9	60.5	60.7	60.7	60.6	60.4	59.7	84.8
„ 3,...	60.2	60.5	59.7	59.7	59.6	59.5	59.4	60.1	61.6	62.8	60.9	61.3	62.8	62.8	62.9	61.8	60.8	59.8	59.7	59.8	59.6	57.5	56.6	56.6	60.2	132.7
„ 4,...	56.2	56.3	55.9	55.0	55.2	54.7	55.1	55.1	56.4	57.6	58.7	59.9	60.3	58.6	58.2	57.6	58.3	58.1	58.0	58.4	58.6	58.3	57.8	57.1	57.3	127.5
„ 5,...	56.6	56.9	56.9	56.6	56.0	56.1	56.8	57.0	58.0	57.0	58.1	59.1	58.8	57.3	55.2	55.2	55.0	55.8	55.6	55.8	56.2	56.6	56.4	56.2	56.6	124.6
„ 6,...	56.2	55.6	55.2	55.2	55.0	54.4	54.7	58.4	56.5	56.8	57.0	55.1	57.9	57.5	57.6	57.4	57.2	56.9	56.8	56.9	56.9	56.7	56.6	56.9	56.5	123.2
„ 7,...	56.6	55.8	55.9	56.3	56.2	55.2	56.0	57.6	59.4	58.0	60.0	61.3	59.8	60.8	59.9	58.9	58.0	57.5	57.9	57.6	57.9	58.8	59.4	59.5	58.1	125.2
„ 8,...	59.5	60.7	60.0	59.2	59.3	59.6	59.8	62.6	62.2	63.8	62.6	65.0	65.5	65.0	64.1	64.8	62.9	62.0	61.9	61.9	61.7	61.9	61.5	59.4	62.0	128.5
„ 9,...	58.7	57.7	57.9	58.3	58.3	56.7	56.0	55.2	55.8	55.8	56.6	56.5	56.5	56.5	55.9	55.6	55.6	55.5	55.6	55.7	55.1	54.9	55.0	54.9	56.3	87.7
„ 10,...	54.2	53.8	53.7	52.7	52.4	52.5	52.6	54.1	55.3	56.5	59.5	59.2	59.8	55.2	56.4	58.9	58.5	58.7	58.8	57.6	57.3	56.0	54.1	53.5	55.9	139.7
„ 11,...	52.0	51.1	50.3	49.2	47.3	46.6	46.4	46.0	47.3	50.4	50.8	51.7	51.9	52.9	53.8	54.3	53.5	51.9	51.6	51.0	51.7	51.8	51.2	50.9	50.6	123.5
„ 12,...	50.8	48.3	47.9	49.0	50.7	50.8	51.2	52.2	52.8	54.7	55.3	55.8	57.2	56.3	56.1	55.8	55.6	54.8	54.5	54.6	54.8	54.8	54.8	54.5	53.5	128.5
„ 13,...	54.7	54.7	54.6	54.4	54.3	54.8	55.6	56.9	58.5	57.8	59.0	58.2	57.8	56.7	56.8	56.9	56.9	56.8	56.8	56.8	57.1	57.6	58.0	57.7	56.6	123.3
„ 14,...	57.7	58.0	58.1	58.4	58.6	58.9	58.5	57.4	58.3	59.3	60.2	60.3	60.4	61.3	62.0	61.2	61.6	61.5	63.0	62.5	62.3	62.2	62.4	62.2	60.3	129.8
„ 15,...	62.6	62.6	63.0	63.7	63.1	63.5	63.9	64.3	64.7	65.1	65.3	65.5	65.9	65.7	65.8	65.9	67.3	65.5	65.0	65.3	66.3	66.4	66.7	66.8	65.0	112.9
„ 16,...	66.8	67.2	67.6	67.6	67.1	67.1	67.5	67.9	68.9	69.6	69.4	69.6	71.9	70.4	69.8	69.7	68.7	69.1	69.0	69.7	69.8	70.5	70.4	70.5	69.0	142.2
„ 17,...	70.0	70.2	69.0	68.5	69.6	70.3	70.0	70.8	70.1	71.2	73.2	72.6	71.9	71.9	71.8	71.6	71.7	70.8	71.0	71.5	70.2	70.7	71.0	70.8	70.9	109.5
„ 18,...	71.2	70.9	70.5	70.5	69.6	70.2	70.3	70.6	70.3	71.5	71.9	73.1	72.8	73.1	72.4	72.0	71.6	70.6	69.5	69.5	70.8	70.6	70.6	70.5	71.0	127.4
„ 19,...	70.6	64.2	63.4	63.2	63.8	62.8	63.0	63.2	63.2	62.8	61.3	60.8	60.4	60.4	59.7	58.8	57.8	56.9	55.9	55.4	54.6	53.9	54.0	53.8	60.2	84.5
„ 20,...	54.2	54.7	52.4	52.9	51.9	51.0	51.1	51.3	53.1	54.8	55.3	56.4	56.8	56.5	56.4	55.5	55.6	55.9	55.9	56.9	57.2	58.6	58.3	57.9	55.0	103.1
„ 21,...	57.9	57.7	57.2	56.9	56.8	56.8	57.0	57.5	58.3	58.8	58.7	59.4	60.2	60.8	60.8	60.3	60.6	60.7	60.8	60.8	60.7	61.0	61.1	61.3	59.3	97.8
„ 22,...	61.1	61.3	61.4	61.1	61.8	61.9	62.2	62.8	63.4	64.3	64.4	64.5	64.8	64.3	64.3	63.8	63.4	63.8	63.8	63.7	63.6	62.8	62.2	61.8	63.0	117.0
„ 23,...	61.8	61.9	61.9	60.3	60.0	59.1	57.8	56.9	59.1	60.6	61.1	60.1	60.9	60.4	60.8	60.5	60.7	60.0	60.5	60.7	60.6	60.3	60.2	60.5	60.3	118.6
„ 24,...	60.0	60.2	60.4	60.5	61.0	60.8	60.1	60.6	60.5	60.7	61.1	61.3	61.7	61.1	61.0	59.6	59.0	59.8	58.8	58.8	58.7	58.9	58.9	59.3	60.1	116.9
„ 25,...	58.8	58.1	58.0	57.6	57.2	57.3	58.2	58.3	58.8	58.8	59.0	60.0	59.5	59.5	59.6	59.5	59.9	59.9	59.7	60.1	59.8	59.8	59.7	59.1	59.0	108.4
„ 26,...	59.6	59.9	59.8	59.7	59.5	58.8	59.1	59.8	59.7	59.6	59.9	61.0	61.8	62.0	61.8	61.7	61.5	61.4	61.8	62.1	62.1	61.9	62.0	61.9	60.8	102.9
„ 27,...	61.7	61.9	62.1	62.1	62.6	62.7	62.8	65.3	64.6	64.6	64.9	64.8	64.8	65.0	66.0	65.2	64.9	64.5	64.3	63.5	64.8	64.7	63.9	63.8	64.0	133.4
„ 28,...	63.7	62.7	61.8	60.3	60.2	59.4	57.6	58.5	57.0	55.9	55.7	56.4	57.6	55.5	55.0	54.1	54.1	53.7	52.7	52.7	52.3	53.8	52.8	52.9	56.5	102.7
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hourly Mean ...	59.5	59.1	58.8	58.6	58.6	58.4	58.5	59.1	59.7	60.3	60.7	61.0	61.4	60.9	60.8	60.6	60.3	60.0	59.9	59.9	60.0	60.0	59.8	59.6	59.8	117.4

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR FOR THE MONTH OF FEBRUARY, 1890.

Hour.	Hourly Mean.		Date.	Daily Mean.	
	Humidity.	Tension.		Humidity.	Tension.
			1890.		
1 a	85	0.484	Feb. 1,.....	79	0.423
2 „	84	.474	„ 2,.....	91	.492
3 „	85	.473	„ 3,.....	83	.484
4 „	85	.469	„ 4,.....	67	.393
5 „	86	.471	„ 5,.....	72	.394
6 „	85	.464	„ 6,.....	72	.395
7 „	85	.466	„ 7,.....	73	.422
8 „	83	.470	„ 8,.....	84	.516
9 „	80	.473	„ 9,.....	85	.420
10 „	78	.477	„ 10,.....	74	.390
11 „	76	.478	„ 11,.....	61	.282
Noon.	75	.482	„ 12,.....	70	.347
1 p	75	.490	„ 13,.....	77	.406
2 „	73	.478	„ 14,.....	76	.466
3 „	75	.479	„ 15,.....	90	.595
4 „	77	.482	„ 16,.....	90	.682
5 „	79	.481	„ 17,.....	93	.736
6 „	83	.485	„ 18,.....	95	.748
7 „	83	.486	„ 19,.....	91	.504
8 „	84	.487	„ 20,.....	81	.395
9 „	85	.490	„ 21,.....	91	.485
10 „	85	.490	„ 22,.....	94	.561
11 „	85	.487	„ 23,.....	84	.487
Midt.	86	.486	„ 24,.....	80	.476
			„ 25,.....	83	.462
			„ 26,.....	86	.501
			„ 27,.....	84	.558
			„ 28,.....	71	.391
			.....	...	...
			.....	...	...
			.....	...	...
Mean,.....	82	0.479	Mean.	81	0.479

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.
1890.														
Feb. 1,.....	...	...	0.4	0.4	0.2	0.2	...	1.0	0.8	0.3	0.1	...	...	3.4
„ 2,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 3,.....	...	0.5	0.9	1.0	0.6	...	...	0.9	1.0	1.0	1.0	0.7	...	7.6
„ 4,.....	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	...	10.1
„ 5,.....	...	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	9.8
„ 6, ...	...	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	...	10.2
„ 7,.....	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	10.0
„ 8,.....	...	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	...	9.7
„ 9,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 10,.....	...	...	...	...	...	0.1	1.0	1.0	1.0	1.0	1.0	0.6	...	5.7
„ 11,.....	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	10.0
„ 12,.....	...	0.2	1.0	0.4	1.0	1.0	0.9	0.7	0.7	0.9	1.0	0.3	...	8.1
„ 13,.....	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	10.0
„ 14,.....	...	...	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	9.4
„ 15,.....	...	...	...	...	...	...	...	...	0.1	...	1.0	0.5	...	1.6
„ 16,.....	...	...	...	0.5	0.7	0.1	0.2	1.0	1.0	0.5	...	...	...	4.0
„ 17,.....	...	...	0.2	...	0.3	0.1	0.1	0.1	...	...	...	...	...	0.8
„ 18,.....	...	...	...	...	...	...	...	0.2	0.5	0.8	0.4	...	...	1.9
„ 19,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 20,.....	...	...	...	...	0.3	...	...	...	...	...	...	...	...	0.3
„ 21,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 22,.....	...	...	...	0.1	0.1	...	0.2	0.1	0.1	...	...	...	...	0.6
„ 23,.....	...	...	...	...	...	...	0.1	...	...	...	...	...	...	0.1
„ 24,.....	...	...	...	0.2	0.1	0.2	...	...	0.1	...	...	...	...	0.6
„ 25,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 26,.....	...	...	...	...	...	...	...	...	...	0.1	...	...	...	0.1
„ 27,.....	...	0.3	0.5	0.5	0.4	0.6	0.5	0.4	0.9	1.0	1.0	0.2	...	6.3
„ 28,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,.....	...	4.2	10.9	11.1	11.7	10.3	11.0	13.4	14.2	13.6	13.5	6.4	...	120.3

TABLE VI.

RAINFALL FOR THE MONTH OF FEBRUARY, 1890.

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.	Victoria Peak.
Feb. 1,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	0.35
" 2,.....	0.010	0.005	0.005	0.020	0.040	...	0.015	...	...	0.005	...	0.025	0.040	0.065	0.010	0.030	...	...	...	...	...	...	...	...	0.270	13	0.18
" 3,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 4,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 5,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 6,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 7,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 8,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 9,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	0.005	...	...	...	...	...	...	...	...	0.010	2	0.15
" 10,.....	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	1	...
" 11,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 12,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 13,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 14,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 15,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 16,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 17,.....	...	...	...	...	...	...	...	...	0.005	...	...	...	...	0.020	0.110	0.010	...	...	...	...	...	...	...	...	0.145	5	0.56
" 18,.....	...	...	...	...	...	...	...	0.420	...	...	...	...	...	0.005	...	...	...	...	...	...	...	...	...	...	0.425	2	0.25
" 19,.....	...	...	...	...	...	...	0.270	0.025	...	...	...	0.030	0.050	0.030	...	...	...	...	...	...	...	...	...	...	0.405	5	...
" 20,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 21,.....	...	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	6	...
" 22,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.025	0.075	0.085	0.185	13	0.20
" 23,.....	0.005	0.010	...	...	0.010	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.025	9	...
" 24,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 25,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 26,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 27,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 28,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums, ...	0.020	0.015	0.010	0.020	0.050	...	0.285	0.445	0.005	0.005	...	0.055	0.090	0.120	0.125	0.045	...	...	...	...	...	0.025	0.075	0.085	1.475	57	1.69

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND FOR THE MONTH OF FEBRUARY, 1890.

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	29	7	32	7	29	7	26	7	23	8	18	9	16	8	10	8	8	7	8	9	8	9	19	8	26	8	27	7	30	8	19	10	20	9	14	8	16	7	17	7	13	8	13	9	18	7	22	461	19.2	8
" 2,	9	18	9	12	8	4	22	4	32	6	4	12	5	15	4	14	4	13	5	13	6	14	6	5	23	6	23	5	...	1	23	4	7	10	10	9	7	6	7	7	9	10	32	4	...	1	30	2	195	8.1	7
" 3,	22	8	22	8	24	8	23	9	23	10	24	8	22	9	23	10	24	13	24	14	24	19	25	19	24	16	26	17	25	17	23	18	23	15	22	10	22	3	22	4	28	5	2	6	2	6	19	3	255	10.6	24
" 4,	13	4	13	4	26	3	24	4	28	4	31	10	32	16	31	7	32	5	2	13	1	11	3	7	8	11	9	17	9	25	9	24	8	26	8	14	7	11	8	12	7	15	8	13	7	12	7	16	284	11.8	6
" 5,	5	14	8	18	7	18	8	18	8	18	8	18	8	16	8	15	8	17	8	23	7	21	8	16	10	20	9	18	10	18	10	17	9	18	8	15	8	16	8	12	8	10	8	10	8	10	6	9	385	16.0	8
" 6,	7	16	6	17	7	14	7	12	7	12	8	12	8	13	8	16	8	23	7	26	8	26	8	24	8	20	8	20	9	21	10	23	9	19	9	14	9	12	9	10	9	7	9	6	9	8	9	5	376	15.7	8
" 7,	10	10	10	11	10	10	9	11	10	7	...	1	...	0	...	0	...	1	10	4	28	7	28	5	8	12	8	13	8	14	8	16	8	15	8	15	8	12	8	13	8	8	8	10	10	11	10	11	217	9.0	9
" 8,	10	8	11	10	13	3	13	4	13	3	...	1	12	2	...	0	...	1	14	4	24	10	23	11	25	12	25	10	27	6	28	7	28	5	28	6	2	4	10	13	8	12	7	10	7	28	7	24	194	8.1	8
" 9,	7	28	7	30	6	29	7	18	6	10	2	7	4	12	32	7	32	6	7	9	8	16	7	18	7	17	8	18	7	19	7	19	7	23	7	21	7	22	7	20	7	23	7	20	5	17	6	15	424	17.7	7
" 10,	6	11	1	5	1	6	1	5	1	6	3	6	32	8	1	6	1	4	...	1	7	2	10	3	26	5	25	10	25	9	24	14	22	15	24	16	25	5	2	7	3	7	1	10	32	13	32	8	182	7.6	30
" 11,	2	12	2	10	2	5	1	9	1	12	32	16	32	15	32	20	32	15	25	6	28	11	31	8	22	10	22	7	23	11	23	8	24	5	24	9	21	4	23	2	18	2	19	2	19	2	19	2	203	8.5	30
" 12,	16	2	16	3	16	3	8	5	6	9	8	9	9	12	8	13	8	18	8	13	8	17	9	17	9	15	8	16	9	16	8	13	8	12	8	12	8	8	8	5	8	4	8	3	8	4	8	10	239	10.0	8
" 13,	9	12	9	11	10	7	10	2	10	4	10	14	9	9	8	12	8	15	8	16	8	24	9	21	8	22	9	21	9	23	9	27	9	20	9	20	8	18	7	14	8	14	9	14	9	10	10	10	360	15.0	9
" 14,	10	10	10	13	10	10	11	12	10	17	9	17	9	16	10	14	10	14	9	14	9	15	8	21	8	22	8	17	7	16	8	18	8	16	8	12	8	8	9	10	8	8	8	3	8	3	8	3	309	12.9	9
" 15,	8	2	12	4	6	5	1	5	6	8	8	6	7	8	6	8	7	12	8	15	8	17	7	14	7	12	7	12	8	12	9	8	15	7	12	7	7	9	6	6	6	6	6	7	8	4	6	3	197	8.2	8
" 16,	7	3	14	2	...	0	7	4	...	1	7	3	7	5	7	6	6	8	8	8	8	8	8	9	15	12	12	9	8	10	14	7	8	7	5	6	9	6	4	6	14	6	15	13	15	14	14	17	170	7.1	10
" 17,	14	10	14	16	9	9	8	7	8	5	15	11	14	5	16	9	10	5	8	6	15	13	15	13	16	12	15	14	16	11	16	10	15	11	15	7	15	10	15	8	13	6	10	4	16	8	16	7	217	9.0	14
" 18,	16	8	14	4	7	6	6	6	6	8	6	6	6	6	32	3	6	4	6	3	7	3	14	2	14	4	7	4	14	6	14	4	16	4	6	5	7	6	7	6	7	5	7	5	7	3	6	5	116	4.8	8
" 19,	6	8	28	15	25	10	27	11	25	9	24	13	25	9	20	3	8	12	6	4	23	9	25	11	25	4	23	3	23	2	30	3	2	7	1	6	32	3	32	3	32	6	32	4	...	0	32	4	159	6.6	28
" 20,	32	3	11	4	2	8	32	6	1	4	1	5	2	4	32	3	32	2	4	4	8	11	8	14	8	14	8	14	7	12	9	10	9	11	7	12	7	17	6	17	7	27	7	37	6	34	7	36	309	12.9	7
" 21,	7	35	6	30	7	33	7	37	7	37	7	36	7	35	7	32	7	34	7	34	7	29	7	23	7	22	7	21	8	20	8	24	8	22	8	20	8	25	8	23	8	23	8	22	8	19	8	17	653	27.2	7
" 22,	8	22	8	23	7	20	9	22	9	18	8	24	8	28	8	26	8	24	8	22	8	23	8	20	8	23	8	20	8	18	8	19	8	13	9	15	8	17	8	22	8	20	8	13	8	10	8	10	472	19.7	8
" 23,	8	7	8	2	8	3	28	8	3	5	30	5	1	11	31	11	28	3	24	5	32	5	12	6	24	10	24	9	24	4	24	4	24	4	26	5	27	4	...	0	26	2	26	4	6	5	7	8	130	5.4	29
" 24,	7	5	7	6	8	10	8	16	7	20	7	23	7	25	7	28	7	28	7	26	7	30	6	27	7	26	7	33	6	30	7	27	7	25	6	29	7	21	6	21	6	26	7	21	7	25	7	24	552	23.0	7
" 25,	6	30	7	30	7	32	7	27	7	34	7	33	7	32	6	24	6	22	7	19	7	27	8	29	7	29	7	28	7	29	7	28	7	32	7	28	7	28	7	26	7	28	7	28	6	30	7	35	688	28.7	7
" 26,	7	34	7	31	6	31	6	26	7	22	7	23	7	23	7	22	8	28	6	27	7	25	7	21	7	23	7	24	8	21	8	22	8	17	8	15	7	17	7	15	7	23	7	18	7	13	8	19	540	22.5	7
" 27,	7	20	7	22	7	20	8	20	8	14	8	16	8	14	9	12	9	14	8	15	10	19	9	18	8	16	8	18	8	23	7	20	8	19	8	15	9	15	8	14	8	6	6	3	6	7	9	8	366	15.2	8
" 28,	4	2	32	4	32	3	32	5	32	6	32	4	28	10	30	4	32	7	32	11	32	13	32	9	32	5	32	12	32	15	31	13	32	12	32	9	1	10	1	8	1	16	1	13	1	10	1	8	209	8.7	32
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	...	371	...	377	...	339	...	339	...	332	...	357	...	374	...	335	...	356	...	363	...	433	...	410	...	426	...	437	...	439	...	426	...	410	...	366	...	331	...	321	...	338	...	316	...	325	...	341	8862	369.2	...
Hourly Means,	...	13.2	...	13.5	...	12.1	...	12.1	...	11.9	...	12.7	...	13.4	...	12.0	...	12.7	...	13.0	...	15.5	...	14.6	...	15.2	...	15.6	...	15.7	...	15.2	...	14.6	...	13.1	...	11.8	...	11.5	...	12.1	...	11.3	...	11.6	...	12.2	316.5	13.2	...

TABLE VIII.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR FEBRUARY, 1890.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N-S	+E-W	
1 a.	2.71	11.46	1.48	0.25	+1.23	+11.21	E 6° N
2 „	2.68	10.98	1.91	0.61	0.77	10.37	E 4° N
3 „	2.94	10.28	0.64	0.75	2.30	9.53	E 14° N
4 „	2.79	9.52	0.75	1.16	2.04	8.36	E 14° N
5 „	2.87	9.44	0.73	0.96	2.14	8.48	E 14° N
6 „	3.05	9.73	0.70	0.89	2.35	8.84	E 15° N
7 „	3.82	10.05	0.68	0.86	3.14	9.19	E 19° N
8 „	3.56	8.70	0.75	0.61	2.81	8.09	E 19° N
9 „	2.82	10.38	0.39	0.54	2.43	9.84	E 14° N
10 „	2.55	11.02	0.32	0.89	2.23	10.13	E 12° N
11 „	2.68	11.92	1.00	1.82	1.68	10.10	E 9° N
Noon.	2.14	11.62	1.39	1.64	+0.75	9.98	E 4° N
1 p.	1.21	11.79	1.61	2.23	−0.40	9.56	E 2° S
2 „	1.71	12.37	1.27	2.11	+0.44	10.26	E 2° N
3 „	1.98	12.63	1.47	1.71	+0.51	10.92	E 3° N
4 „	1.43	11.92	2.04	2.04	−0.61	9.88	E 4° S
5 „	1.39	11.71	1.88	1.48	−0.49	10.23	E 3° S
6 „	1.79	10.46	1.18	1.52	+0.61	8.94	E 4° N
7 „	1.64	10.46	0.66	0.50	0.98	9.96	E 6° N
8 „	2.07	10.32	0.68	0.21	1.39	10.11	E 8° N
9 „	2.54	10.57	0.54	0.23	2.00	10.34	E 11° N
10 „	2.50	9.54	0.75	0.19	1.75	9.35	E 11° N
11 „	2.96	9.54	1.29	0.04	1.67	9.50	E 10° N
Midt.	2.40	10.43	1.37	0.14	+1.03	+10.29	E 6° N
Mean, ...	2.43	10.70	1.06	0.97	+1.36	+9.73	E 8° N

TABLE IX.

VICTORIA PEAK.

Date.	Barometer.			Temperature.					Wind.					
	10 a.	4 p.	10 p.	10 a.	4 p.	10 p.	Max.	Min.	10 a.		4 p.		10 p.	
									Direction.	Force.	Direction.	Force.	Direction.	Force.
1890.														
Feb. 1	28.37	28.27	28.26	55	55	53	57	51	E	4	E	5	E	5
„ 2	.30	.19	.22	54	55	56	57	51	NE	4	ENE	5	ENE	4
„ 3	.24	.18	.17	57	59	55	60	55	NW	4	NNW	4	NNE	4
„ 4	.23	.16	.27	57	60	55	62	53	NE	4	E	4	E	4
„ 5	.28	.21	.25	56	60	55	60	52	E	5	E	4	E	4
„ 6	.27	.18	.18	56	59	57	60	52	E	4	E	4	E	3
„ 7	.19	.10	.15	61	64	61	65	56	E	2	ESE	2	SE	2
„ 8	.22	.17	.23	64	68	63	68	58	ESE	2	ESE	2	ESE	4
„ 9	.35	.29	.32	56	53	52	67	52	E	4	E	5	E	5
„ 10	.41	.37	.38	53	60	55	67	51	NE	4	NE	4	NW	4
„ 11	.39	.31	.36	52	57	53	57	48	NNE	4	NNW	3	NE	4
„ 12	.33	.24	.26	55	59	55	59	52	E	4	E	2	E	3
„ 13	.28	.16	.15	56	62	59	64	53	ESE	4	E	3	E	3
„ 14	.17	.03	.02	63	65	62	66	58	SE	2	SSE	4	SE	4
„ 15	.03	27.94	27.97	63	65	64	65	61	SW	4	S	4	S	4
„ 16	.01	.93	.97	66	67	65	67	64	S	4	SW	5	SW	5
„ 17	.07	28.03	28.04	68	68	68	68	65	SW	5	SW	5	SW	5
„ 18	.18	.10	.14	68	69	68	68	65	S	4	S	4	S	3
„ 19	.23	.18	.23	62	61	58	68	57	E	4	NNE	3	ENE	4
„ 20	.26	.20	.22	54	55	52	58	52	E	4	E	4	E	4
„ 21	.20	.14	.14	54	60	62	62	52	E	5	SE	5	SE	5
„ 22	.20	.14	.15	63	63	62	64	61	SE	4	SE	5	E	4
„ 23	.24	.18	.19	60	62	60	64	58	NE	2	NNE	1	N	2
„ 24	.25	.15	.18	59	57	56	64	54	E	4	E	5	E	5
„ 25	.20	.18	.18	55	56	56	57	55	E	5	E	5	E	6
„ 26	.21	.16	.18	56	59	57	59	55	E	6	E	5	E	4
„ 27	.22	.16	.22	60	65	63	67	56	ESE	4	SE	2	S	2
„ 28	.28	.25	.28	57	56	54	64	53	NW	3	NE	4	N	3
...	...	...	...	...	...	...	...	...	...	..	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mean,	28.236	28.164	28.190	58.5	60.7	58.4	63.0	55.4	E 4° S	3.9	E 10° S	3.9	E 7° S	3.9

TABLE X.

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
1890.												
Feb. 1, ...	10	cum.	...	10	cum.	...	10	R-cum.	W	10	str-cum.	...
„ 2, ...	10	nim.	E	10	nim.	...	10	nim.	E	10	nim.	E
„ 3, ...	10	cum-nim.	S	10	cum.	...	2	cum.	S	2	cum.	...
„ 4, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 5, ...	1	cum.	...	2	cum.	...	1	cum.	NE	0	...	...
„ 6, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 7, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 8, ...	0	...	...	0	...	...	5	c-str.	W	2	c-str.	W
„ 9, ...	10	cum-nim.	E	10	str-cum.	E	10	str-cum.	ENE	10	str-cum.	ENE
„ 10, ...	10	nim.	E	10	str-cum.	E	10	R-cum.	N	10	sm-cum.	W
„ 11, ...	10	str-cum.	N	5	sm-cum.	...	3	c-str.	W	2	c-str.	W
„ 12, ...	3	sm-cum.	...	0	...	...	2	c-cum.	W	7	sm-cum.	W
„ 13, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 14, ...	5	sm-cum.	...	10	cum.	...	8	sm-cum. / cum.	W / E	8	sm-cum.	W
„ 15, ...	5	cum.	...	10	str-cum.	...	7	cum.	SW	10	cum.	SW
„ 16, ...	10	str-cum.	...	10	cum.	...	10	cum.	SSW	8	cum.	S
„ 17, ...	10	cum-nim.	S	10	cum-nim.	...	9	cum.	SSW	10	cum.	SSW
„ 18, ...	10	cum-nim.	S	10	cum-nim.	S	10	R-cum.	S	10	nim.	S
„ 19, ...	10	cum-nim.	...	10	cum-nim.	...	10	str.	...	10	nim.	E
„ 20, ...	10	cum-nim.	...	10	cum-nim.	...	10	str-cum.	NE	10	sm-cum. / cum.	W / ENE
„ 21, ...	10	nim.	...	10	cum-nim.	...	10	cum-nim.	E	10	cum-nim.	E
„ 22, ..	10	nim.	...	10	nim.	...	9	R-cum.	S	10	cum.	S
„ 23, ...	10	nim.	...	10	nim.	...	10	str-cum.	E	10	sm-cum.	...
„ 24, ...	10	cum-nim.	...	10	str-cum.	...	10	R-cum.	...	10	sm-cum. / cum.	...
„ 25, ...	10	str-cum.	E	10	str-cum.	E	7	sm-cum. / cum.	W / E	10	cum-nim.	ENE
„ 26, ...	10	str-cum.	...	10	str-cum.	...	10	str-cum.	E	10	str-cum.	E
„ 27, ...	10	str-cum.	SE	10	cum-nim.	SE	10	R-cum.	E	6	sm-cum. / cum.	W / SSE
„ 28, ...	10	cum-nim.	...	10	cum-nim.	...	10	sm-cum. / cum.	W / E	10	str.	W
.....	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...
Mean,...	7.3	...	...	7.4	...	...	6.9	...	...	6.9	...	...

TABLE X,—*Continued.*

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 p.			4 p.			7 p.			10 p.			Daily and Monthly Means.
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	
1890.													
Feb. 1,...	7	sm-cum. / cum.	SSE / SE	10	sm-cum. / cum.	SSW / ENE	10	sm-cum. / cum.	E	10	sm-cum. / cum.	S / E	9.6
„ 2,...	10	nim.	ENE	10	cum-nim.	E	10	cum-nim.	E	10	cum-nim.	S	10.0
„ 3,...	4	cum.	WNW	1	cum.	NW	0	...	...	0	...	...	3.6
„ 4,...	0	...	...	0	...	...	10	cum.	N	10	cum.	NE	2.5
„ 5,...	0	...	...	0	...	...	0	...	...	0	...	...	0.5
„ 6,...	0	...	...	0	...	...	0	...	...	0	...	...	0.0
„ 7,...	0	...	...	0	...	...	0	...	...	0	...	...	0.0
„ 8,...	0	...	...	0	...	...	0	...	...	0	...	...	0.9
„ 9,...	10	cum-nim.	NE	10	cum-nim.	ENE	10	cum-nim	...	10	cum-nim.	E	10.0
„ 10,...	8	sm-cum.	W	1	c-str. / sm-cum.	W	3	c-str. / sm-cum.	...	9	c-str.	...	7.6
„ 11,...	0	...	...	0	...	...	1	c-cum.	W	1	c-str.	...	2.8
„ 12,...	9	sm-cum.	W	0	...	...	0	...	...	0	...	...	2.6
„ 13,...	0	...	...	0	...	...	0	...	...	10	cum.	...	1.3
„ 14,...	0	...	...	0	...	...	5	cum.	SW	1	cum.	...	4.6
„ 15,...	10	cum.	SW	1	R-cum.	SW	2	cum.	SW	8	cum.	...	6.6
„ 16,...	8	cum.	SSW	9	sm-cum. / cum.	WSW / SSE	10	nim.	S	9	cum-nim.	SSW	9.3
„ 17,...	10	cum-nim.	SW	10	cum-nim.	S	9	cum-nim.	S	10	cum-nim.	S	9.7
„ 18,...	10	nim.	S	10	cum.	S	1	cum.	S	9	cum-nim.	S	8.8
„ 19,...	10	nim.	...	10	cum-nim.	...	10	cum-nim.	...	10	cum-nim.	...	10.0
„ 20,...	10	str-cum.	...	10	str-cum.	E	10	cum-nim.	...	10	nim.	...	10.0
„ 21,...	10	str.	E	10	nim.	E	10	nim.	...	10	cum-nim.	...	10.0
„ 22,...	10	cum. / cum.	S / E	10	str.	...	10	cum-nim	...	10	nim.	...	9.9
„ 23,...	10	str.	WNW	10	str-cum.	...	10	str.	...	10	str.	...	10.0
„ 24,...	10	str-cum.	ENE	10	cum-nim.	E	10	cum-nim.	...	10	cum-nim.	...	10.0
„ 25,...	10	str-cum.	E	10	cum-nim.	E	10	cum-nim.	E	10	str.	...	9.6
„ 26,...	10	str-cum.	E	10	cum-nim.	E	10	cum-nim.	E	9	cum-nim.	ESE	9.9
„ 27,...	10	cum.	S	7	sm-cum.	WSW	3	sm-cum.	SW	0	...	...	7.0
„ 28,...	10	str.	W	10	str.	...	10	str.	...	10	c-str.	...	10.0
.....	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...
Mean,...	6.6	...	...	5.7	...	...	5.9	...	...	6.7	...	...	6.7

TABLE I.

BAROMETRIC PRESSURE FOR THE MONTH OF MARCH, 1890.

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,...	30.120	30.095	30.087	30.089	30.091	30.104	30.130	30.161	30.174	30.195	30.186	30.184	30.151	30.126	30.097	30.092	30.095	30.105	30.135	30.165	30.187	30.182	30.176	30.166	30.137
„ 2,...	.144	.144	.117	.105	.110	.130	.136	.148	.167	.182	* .159	.136	.075	.054	.038	.037	.034	.046	.058	.076	.100	.107	.110	.096	.105
„ 3,...	.090	.078	.054	.050	.052	.054	.069	.083	.097	.107	.098	.080	.039	.012	29.999	29.991	29.997	.008	.028	.060	.086	.097	.105	.102	.060
„ 4,...	.094	.078	.075	.074	.077	.122	.151	.170	.203	.212	.203	.184	.168	.157	30.140	30.137	30.156	.167	.181	.210	.216	.229	.227	.217	.160
„ 5,...	.210	.201	.178	.165	.168	.176	.175	.207	.215	.229	.215	.200	.170	.150	.133	.118	.113	.118	.127	.139	.136	.138	.146	.149	.166
„ 6,...	.154	.147	.125	.093	.102	.109	.130	.136	.170	.158	.148	.136	.098	.070	.042	.030	.033	.038	.029	.057	.061	.074	.073	.056	.095
„ 7,...	.042	.035	29.981	29.986	29.990	.004	.030	.022	.029	.023	.015	29.993	29.982	29.946	29.929	29.920	29.928	29.940	29.958	29.961	29.978	29.976	29.973	29.971	29.984
„ 8,...	29.963	29.937	.908	.894	.903	29.920	29.940	29.944	29.943	29.957	29.952	.941	.915	.884	.863	.856	.864	.867	.872	.883	.900	.901	.903	.906	.909
„ 9,...	.891	.881	.845	.837	.849	.856	.867	.880	.878	.894	.898	.864	.837	.814	.788	.780	.785	.802	.813	.826	.841	.850	.847	.856	.845
„ 10,...	.854	.845	.832	.811	.820	.834	.847	.862	.875	.868	.858	.849	.819	.793	.780	.767	.772	.782	.792	.811	.826	.834	.825	.820	.824
„ 11,...	.814	.807	.794	.786	.787	.794	.798	.818	.841	.841	.821	.813	.787	.772	.755	.757	.768	.778	.783	.803	.836	.834	.830	.815	.801
„ 12,...	.796	.775	.752	.734	.730	.749	.786	.832	.854	.893	.883	.896	.873	.869	.867	.860	.868	.872	.901	.907	.937	.926	.934	.916	.850
„ 13,...	.910	.892	.880	.861	.868	.889	.896	.909	.917	.914	.927	.932	.886	.840	.841	.835	.846	.847	.833	.858	.872	.865	.862	.856	.876
„ 14,...	.836	.825	.794	.770	.751	.769	.781	.848	.882	.876	.848	.840	.807	.810	.800	.801	.810	.845	.858	.890	.923	.943	.930	.922	.840
„ 15,...	.908	.881	.882	.898	.915	.934	.972	.991	30.007	30.025	30.016	30.021	30.036	.995	.974	.965	.968	30.000	30.004	30.023	30.040	30.059	30.068	30.065	.985
„ 16,...	30.040	30.033	30.007	30.006	30.031	30.044	30.055	30.068	.074	.076	.069	.043	.013	.997	.995	.993	.989	29.994	29.991	29.982	.009	.019	.031	.026	30.024
„ 17,...	.007	29.996	29.989	29.973	29.982	.005	.015	.028	.033	.028	.007	.000	29.970	.949	.925	.918	.919	.923	.936	.956	29.984	29.998	29.992	29.990	29.980
„ 18,...	29.976	.947	.929	.919	.917	29.938	29.962	29.980	29.990	29.990	* 29.966	29.942	.916	.887	.867	.857	.850	.855	.870	.893	.917	.924	.917	.902	.921
„ 19,...	.888	.850	.840	.839	.848	.868	.886	.918	.934	.940	.930	.900	.864	.837	.817	.811	.822	.830	.831	.844	.860	.867	.870	.865	.865
„ 20,...	.860	.846	.833	.827	.832	.844	.865	.896	.912	.927	.916	.903	.877	.859	.836	.838	.843	.850	.864	.884	.902	.905	.901	.906	.872
„ 21,...	.888	.883	.862	.846	.856	.865	.884	.898	.912	.922	.922	.901	.868	.844	.824	.823	.825	.834	.832	.836	.854	.860	.859	.860	.865
„ 22,...	.850	.832	.821	.805	.802	.818	.827	.844	.852	.857	.846	.836	.798	.774	.753	.740	.746	.750	.746	.776	.770	.767	.768	.764	.798
„ 23,...	.768	.754	.743	.735	.732	.750	.768	.783	.788	.797	.808	.790	.764	.733	.703	.710	.724	.733	.744	.777	.810	.842	.855	.845	.769
„ 24,...	.834	.850	.824	.806	.824	.853	.879	.894	.913	.933	.941	.930	.907	.890	.891	.877	.883	.887	.903	.917	.932	.952	.950	.924	.891
„ 25,...	.915	.911	.890	.862	.873	.874	.907	.931	.942	.944	.930	.915	.890	.861	.842	.839	.835	.842	.866	.854	.887	.892	.890	.891	.887
„ 26,...	.883	.876	.855	.851	.855	.884	.893	.905	.922	.927	.916	.899	.858	.836	.820	.817	.816	.833	.813	.839	.852	.855	.861	.861	.864
„ 27,...	.855	.856	.843	.822	.860	.867	.868	.904	.903	.912	.905	.878	.852	.822	.807	.811	.817	.830	.831	.839	.856	.863	.867	.862	.855
„ 28,...	.836	.823	.820	.829	.837	.853	.872	.880	.887	.897	.896	.851	.817	.807	.791	.790	.779	.795	.824	.833	.841	.837	.828	.815	.835
„ 29,...	.809	.816	.804	.783	.821	.837	.851	.863	.862	.862	.874	.871	.837	.810	.791	.783	.773	.793	.819	.831	.845	.866	.862	.862	.830
„ 30,...	.863	.852	.849	.843	.864	.884	.910	.926	.932	.933	.943	.912	.882	.864	.826	.830	.833	.852	.860	.894	.916	.910	.907	.914	.883
„ 31,...	.912	.911	.890	.888	.891	.902	.928	.936	.953	.939	.920	.906	.873	.858	.835	.827	.830	.843	.843	.859	.866	.880	.878	.866	.885
Hourly Means, ...	29.936	29.924	29.907	29.896	29.904	29.920	29.938	29.957	29.970	29.976	29.969	29.953	29.924	29.901	29.883	29.878	29.881	29.892	29.901	29.919	29.937	29.944	29.943	29.938	29.925

* Interpolated.

TABLE II.

TEMPERATURE FOR THE MONTH OF MARCH, 1890.

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,	56.2	55.6	55.3	54.8	54.6	54.0	53.6	53.0	53.7	54.6	54.1	53.0	54.8	56.1	58.2	58.6	57.2	56.3	55.9	55.6	54.0	54.9	55.4	55.7	55.2	59.4	51.6
„ 2,	55.0	54.8	55.1	56.1	56.6	56.5	57.3	58.2	59.6	59.8	60.2	60.3	60.9	61.2	61.0	60.8	60.8	60.2	60.8	61.0	60.4	60.9	60.4	60.4	59.1	62.0	53.8
„ 3,	60.0	60.6	59.7	59.8	59.8	60.0	60.5	60.8	63.1	64.8	64.3	65.0	65.0	65.8	64.0	64.0	64.9	62.3	61.5	60.5	59.5	58.8	59.5	57.3	61.7	67.6	57.0
„ 4,	56.7	56.0	55.0	53.8	53.7	52.4	52.6	53.1	52.6	53.6	54.9	56.8	56.4	55.8	56.8	56.8	55.3	54.9	54.9	55.6	56.7	57.0	57.2	56.8	55.2	58.5	50.3
„ 5,	56.2	55.5	54.7	53.6	53.4	53.3	55.0	55.3	56.3	57.8	58.4	59.2	59.3	59.2	59.8	58.8	57.7	57.6	56.8	57.1	57.4	57.0	56.9	56.9	56.8	60.1	53.3
„ 6,	56.7	56.6	56.5	55.9	55.6	55.6	56.2	56.1	57.2	57.9	58.2	59.9	59.8	59.5	60.3	60.7	60.4	60.0	59.8	59.9	59.8	59.9	59.8	60.3	58.4	61.0	55.6
„ 7,	60.3	60.4	59.7	59.7	59.4	60.2	60.0	60.0	63.3	63.4	64.7	64.9	65.3	65.1	65.6	64.1	62.1	62.5	62.2	63.2	62.1	62.0	61.8	61.4	62.2	67.6	57.3
„ 8,	61.0	61.1	61.1	61.0	61.0	60.9	61.3	61.9	63.2	65.8	65.4	65.0	64.9	65.0	65.3	64.8	68.8	64.2	63.3	63.2	63.3	63.2	63.0	63.1	63.4	67.2	59.7
„ 9,	62.4	62.3	62.1	61.4	61.4	61.3	61.8	62.1	62.2	63.3	63.3	63.5	64.6	63.4	63.5	62.7	62.8	62.9	63.5	64.1	63.2	63.0	63.5	63.2	62.8	66.4	60.2
„ 10,	62.5	62.5	62.3	62.4	62.6	63.0	63.8	64.0	64.1	64.7	65.6	63.6	62.8	62.1	62.5	62.8	62.8	62.8	63.0	63.0	63.1	63.0	63.0	62.5	63.1	65.6	61.3
„ 11,	62.4	62.5	63.0	63.3	63.5	63.8	63.7	63.9	64.5	64.9	67.0	66.8	67.0	67.5	68.6	67.0	66.8	65.8	65.8	65.8	65.8	65.9	66.0	65.9	65.3	69.3	61.3
„ 12,	65.6	65.4	64.8	64.3	64.0	63.8	63.8	63.9	61.2	58.9	56.2	58.7	58.8	57.6	57.6	57.3	57.2	56.8	56.8	55.8	54.7	54.6	54.5	55.8	59.5	66.0	54.2
„ 13,	56.3	55.7	55.3	55.1	55.8	55.8	55.8	56.8	57.5	56.8	56.4	55.7	55.9	56.5	56.8	55.8	55.7	56.0	55.9	55.9	55.8	55.8	56.0	56.5	56.1	57.6	54.4
„ 14,	56.2	56.1	56.2	56.3	56.3	56.4	56.7	55.7	55.0	53.8	54.2	54.3	54.2	54.0	54.7	54.0	52.9	53.3	53.4	53.7	54.3	54.0	53.2	52.5	54.6	56.8	51.8
„ 15,	52.3	52.0	51.5	51.2	50.0	49.5	50.3	50.1	50.0	50.0	49.5	49.7	48.8	49.0	49.9	50.6	51.2	50.5	50.8	50.7	51.5	50.8	50.5	50.3	50.4	52.6	47.4
„ 16,	50.7	51.1	51.2	51.6	51.6	51.6	52.8	53.8	55.0	57.3	58.0	58.9	59.0	58.9	58.9	58.7	58.1	58.1	58.2	58.7	59.3	58.3	57.8	56.9	56.0	59.4	49.4
„ 17,	57.2	57.2	57.8	57.9	58.0	58.2	58.8	58.9	59.6	60.8	61.4	61.3	61.8	61.2	61.6	61.5	62.2	62.0	60.8	60.3	60.7	60.8	60.6	61.4	60.1	62.4	56.9
„ 18,	61.8	61.0	61.0	61.0	61.2	61.3	62.4	63.6	64.5	66.0	65.5	65.7	68.0	67.5	68.1	68.9	66.9	66.0	64.9	65.0	65.4	65.6	66.0	66.0	64.7	68.9	59.7
„ 19,	65.5	64.9	64.8	65.2	66.1	65.4	66.9	67.0	70.9	71.1	72.3	72.0	72.9	72.1	74.8	71.6	72.5	69.2	68.7	67.8	67.0	66.8	66.8	66.9	68.7	75.3	63.7
„ 20,	66.9	67.3	67.2	67.4	67.8	67.2	68.8	71.1	69.7	70.8	75.0	71.5	70.0	69.6	69.2	67.6	66.4	66.1	66.9	67.5	67.1	68.0	68.3	68.6	68.6	75.5	64.8
„ 21,	69.0	68.1	67.2	67.4	67.7	68.5	68.6	69.4	71.3	69.8	69.5	71.1	72.6	72.1	72.5	70.4	68.8	68.0	66.9	66.6	66.9	66.9	66.5	66.7	68.9	73.7	65.3
„ 22,	66.5	66.4	67.1	67.1	67.1	66.7	67.6	68.2	68.5	69.7	69.1	70.2	70.0	72.4	72.2	72.3	70.6	68.4	67.9	67.5	67.5	66.8	66.4	65.3	68.4	73.1	64.8
„ 23,	65.4	65.2	65.0	65.3	65.7	65.9	66.7	67.1	68.4	69.8	70.9	72.8	72.9	70.7	70.5	71.0	69.3	67.5	66.8	65.0	65.0	63.8	63.3	64.5	67.4	74.9	63.0
„ 24,	63.7	63.6	63.2	61.0	61.2	60.6	61.6	62.8	62.4	62.8	63.0	62.0	61.4	61.9	60.3	58.7	58.9	57.9	57.8	58.5	58.4	58.3	58.3	58.7	60.7	64.5	56.3
„ 25,	58.8	58.8	58.2	58.7	58.9	58.4	59.7	60.2	60.2	60.2	60.0	59.7	58.8	58.9	59.1	58.9	59.1	60.0	60.7	61.7	62.6	61.8	61.2	61.1	59.8	62.6	56.5
„ 26,	61.0	61.0	60.8	60.8	60.8	60.8	60.8	60.6	61.2	61.6	61.9	61.2	60.8	61.1	61.6	61.9	61.8	62.6	62.6	62.9	63.5	63.8	64.0	64.4	61.8	64.6	58.8
„ 27,	64.1	64.0	64.2	63.9	63.6	63.8	63.7	63.7	64.2	65.9	66.7	69.4	68.6	68.8	70.2	68.7	69.8	65.8	65.8	65.8	65.9	65.8	65.3	65.4	66.0	71.6	62.4
„ 28,	65.0	65.2	65.2	64.1	64.1	64.2	64.8	64.7	64.8	64.8	64.9	65.5	66.8	65.6	64.9	64.9	64.9	65.1	64.9	65.4	65.4	65.8	65.8	64.9	65.1	66.8	62.7
„ 29,	65.5	65.4	65.0	64.7	64.5	64.0	63.9	64.5	65.1	66.8	66.6	66.3	65.8	65.2	64.9	65.9	65.6	65.8	65.8	65.2	65.0	65.0	64.7	64.8	65.2	67.0	62.6
„ 30,	64.8	64.6	64.6	64.1	64.5	64.6	64.8	65.0	64.8	63.7	63.3	65.3	66.6	67.5	67.6	67.9	66.9	66.0	66.1	64.6	63.5	63.8	63.2	63.7	65.1	68.6	62.5
„ 31,	64.0	64.0	63.5	64.2	64.1	64.2	64.7	65.3	65.1	65.8	66.0	66.4	66.6	66.6	66.4	65.8	65.9	66.0	65.8	66.0	66.2	66.8	66.7	65.5	65.5	67.6	61.7
Hourly Means,	60.9	60.8	60.6	60.4	60.5	60.4	60.9	61.3	61.9	62.5	62.8	63.1	63.3	63.2	63.5	63.0	62.7	62.0	61.8	61.7	61.6	61.6	61.5	61.4	61.8	65.6	58.1

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION, FOR THE MONTH OF MARCH, 1890.

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,..	52.1	51.9	51.4	50.5	50.3	50.0	49.8	50.0	50.9	50.9	50.7	49.5	50.8	51.5	52.3	52.9	52.1	52.1	52.0	52.2	51.3	51.9	51.8	52.1	51.3	90.0
„ 2,...	52.2	52.3	52.3	53.0	53.5	53.8	53.8	54.5	55.5	55.9	56.0	56.0	56.0	56.8	56.8	56.8	56.8	56.7	56.8	56.7	57.5	56.7	56.8	57.0	55.4	125.1
„ 3,...	56.8	56.8	56.4	56.7	56.6	57.0	57.0	57.5	58.6	59.8	59.5	59.9	60.0	60.5	59.1	59.0	59.3	57.3	55.8	55.9	55.8	54.8	55.1	55.2	57.5	127.9
„ 4,...	55.0	53.7	51.9	51.2	51.1	50.6	50.7	50.0	49.9	50.0	50.7	51.4	51.1	51.0	52.0	51.0	50.6	50.5	50.8	50.5	50 0	48.8	48.3	47.8	50.8	85.9
„ 5,...	47.1	47.0	46.0	45.3	46.0	46.2	48.6	49.1	48.9	50.9	51.0	52.5	54.0	53.5	53.6	52.7	51.8	51.5	51.8	51.7	53.6	52.9	53.1	52.9	50.5	126.2
„ 6,...	53.0	53.3	52.5	52.4	51.5	51.6	52.1	51.9	52.6	52.9	53.2	54.6	54.7	55.4	55.4	55.9	55.0	54.3	54.9	55.4	56.7	56.6	57.1	57.1	54.2	128.1
„ 7,...	57.0	57.0	56.1	56.3	56.0	56.1	56.0	56.0	56.7	57.1	57.3	57.1	58.7	58.6	59.4	58.8	58.5	55.5	52.8	58.6	59.3	59.2	59.1	59.1	57.3	128.7
„ 8,..	59.0	59.0	59.1	59.1	59.1	59.0	58.9	59.2	60.3	62.0	62.3	61.8	61.9	61.8	61.8	61.6	61.3	60.9	60.8	60.6	61.2	61.3	61.3	61.3	60.6	133.4
„ 9,...	61.1	60.8	60.1	59.6	59.7	59.9	60.0	60.1	60.0	60.8	60.8	60.8	61.0	60.5	61.4	60.8	61.1	60.9	61.2	61.5	61.0	60.2	60.4	60.8	60.6	121.6
„ 10,...	60.3	59.7	59.5	59.7	59.9	59.8	60.7	60.8	61.3	61.9	62.8	62.0	62.0	61.4	61.6	61.8	62.0	61.2	61.0	60.9	60.9	60.9	61.0	61.0	61.0	123.3
„ 11,...	61.0	61.0	61.2	61.5	61.7	61.9	61.7	62.1	62.9	63.2	64.8	64.5	64.8	65.3	65.9	64.9	64.1	64.0	63.9	63.9	63.9	63.9	64.3	64.4	63.4	131.9
„ 12,...	64.1	64.2	63.7	62.8	63.0	62.9	62.8	63.1	60.2	56.4	54.2	55.9	55.0	53.9	53.9	53.6	53.8	53.7	54.0	53.8	53.6	53.0	53.6	53.9	57.5	97.2
„ 13,...	54.0	54.1	54.0	53.9	54.0	54.5	54.8	55.7	55.0	55.0	54.7	54.5	54.8	54.5	54.9	54.5	54.9	54.1	54.8	54.7	54.9	54.9	54.9	55.8	54.7	71.8
„ 14,...	55.4	55.2	54.6	54.4	54.3	54.3	55.0	54.5	53.3	51.7	52.2	53.6	53.9	53.3	53.9	52.2	51.7	51.9	51.9	52.5	52.7	52.9	51.3	51.8	53.3	66.0
„ 15,...	51.6	51.1	50.8	50.7	48.8	48.2	49.7	49.7	49.7	49.6	48.5	48.6	48.5	48.7	49.9	49.8	50.4	49.6	49.5	49.3	49.2	48.0	47.8	47.9	49.4	59.1
„ 16,...	48.2	48.7	49.1	49.2	49.7	49.6	51.1	51.8	52.7	53.6	54.4	55.1	55.5	55.1	55.1	54.8	54.5	54.9	54.9	56.1	56.3	56.2	56.6	55.9	53.3	106.2
„ 17,...	56.0	55.7	56.5	56.4	56.4	56.4	56.7	56.7	56.9	57.7	58.3	58.0	58.6	58.5	58.5	58.8	59.0	58.7	58.9	59.6	59.8	59.8	59.5	59.8	58.0	125.5
„ 18,...	60.2	59.9	59.5	59.7	59.9	60.2	60.8	61.5	62.1	63.3	63.4	63.5	64.6	64.3	64.9	65.4	64.2	63.9	62.9	63.4	63.7	63.9	64.4	64.5	62.7	126.4
„ 19,...	64.2	64.2	64.1	64.6	65.2	64.7	65.8	65.8	68.4	68.3	68.8	68.5	68.7	68.9	69.6	68.3	69.0	67.5	66.8	66.9	66.8	66.6	66.6	66.4	66.9	138.6
„ 20,...	66.7	67.3	66.9	67.4	67.7	67.2	67.8	69.0	68.7	69.7	71.5	69.7	68.8	68.3	67.7	66.6	66.2	66.0	66.7	67.2	66.6	67.3	67.5	67.7	67.8	137.8
„ 21,...	67.7	67.1	66.6	66.2	66.3	66.5	66.8	67.8	69.0	68.2	68.1	69.3	69.4	69.2	69.4	68.4	66.6	66.3	65.7	65.5	65.3	65.8	65.7	65.8	67.2	140.3
„ 22,...	66.1	65.9	66.0	65.7	65.5	65.3	65.8	66.5	66.6	67.1	67.0	67.5	67.8	68.0	67.4	69.0	68.4	67.6	67.9	67.5	67.5	66.6	66.2	65.3	66.8	137.5
„ 23,...	65.1	64.7	64.4	64.7	64.8	64.9	65.8	66.6	67.4	68.3	69.0	69.9	69.9	68.7	68.5	69.2	68.3	66.6	64.6	62.8	62.9	60.9	60.0	61.4	65.8	137.8
„ 24,...	61.2	60.8	58.5	55.8	56.0	55.9	55.5	61.2	56.0	56.7	56.3	56.1	55.3	56.3	55.1	56.8	55.5	55.4	54.9	55.0	55.0	54.8	54.6	54.7	56.4	85.5
„ 25,...	55.0	55.6	55.8	55.7	56.6	56.8	57.4	57.5	57.7	57.4	57.4	57.5	57.6	57.6	58.0	57.9	57.6	57.3	57.9	58.2	59.3	58.8	59.0	58.6	57.4	80.9
„ 26,...	58.8	58.5	58.5	58.4	58.3	57.7	58.3	58.4	59.1	59.2	59.5	59.5	59.8	59.8	59.8	60.0	59.8	60.2	60.9	60.8	61.2	61.5	61.6	62.2	59.7	97.6
„ 27,...	62.0	62.4	62.3	62.3	62.2	62.5	62.8	62.8	63.3	63.8	64.3	66.2	65.8	65.9	66.7	66.0	64.7	65.3	64.8	64.9	64.2	63.8	63.5	63.4	64.0	100.4
„ 28,..	63.3	64.2	64.3	63.5	63.6	64.0	64.5	64.4	64.3	64.3	64.3	64.4	64.2	63.6	63.0	62.9	62.9	62.8	62.9	62.9	62.8	62.6	62.8	62.7	63.5	101.7
„ 29,...	62.7	63.1	62.4	62.3	62.3	62.4	62.7	63.1	63.2	63.8	63.7	63.9	63.8	63.4	63.8	63.9	63.6	63.9	63.5	63.0	63.1	62.8	62.3	62.1	63.1	99.9
„ 30,...	61.9	62.2	61.9	61.4	61.3	60.6	60.9	61.4	61.5	61.8	62.3	62.9	63.8	64.1	63.4	63.0	62.2	61.2	61.1	61.7	61.6	61.6	61.3	61.3	61.9	129.8
„ 31,...	61.1	60.2	60.3	59.5	59.4	59.8	59.6	59.9	59.3	59.4	59.5	60.3	60.4	60.5	60.4	59.8	60.4	61.0	60.9	61.7	61.7	61.7	61.5	61.4	60.4	123.4
Hourly Mean ...	58.7	58.6	58.3	58.1	58.1	58.1	58.5	59.0	59.1	59.4	59.6	59.8	60.0	60.0	60.1	59.9	59.6	59.1	58.9	59.2	59.3	59.1	59.0	59.1	59.1	112.4

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR FOR THE MONTH OF MARCH, 1890.

Hour.	Hourly Mean.		Date.	Daily Mean.	
	Humidity.	Tension.		Humidity.	Tension.
			1890.		
1 a	87	0.475	Mar. 1,.....	74	0.328
2 „	87	.473	„ 2,.....	78	.392
3 „	86	.466	„ 3,.....	76	.419
4 „	86	.463	„ 4,.....	71	.315
5 „	85	.461	„ 5,.....	61	.285
6 „	86	.463	„ 6,.....	75	.366
7 „	85	.468	„ 7,.....	72	.406
8 „	86	.479	„ 8,.....	85	.493
9 „	84	.474	„ 9,.....	88	.501
10 „	83	.475	„ 10,.....	89	.510
11 „	82	.477	„ 11,.....	89	.560
Noon.	81	.480	„ 12,.....	88	.448
1 p	81	.483	„ 13,.....	91	.412
2 „	82	.485	„ 14,.....	92	.391
3 „	80	.484	„ 15,.....	93	.341
4 „	83	.484	„ 16,.....	83	.373
5 „	83	.478	„ 17,.....	88	.456
6 „	83	.472	„ 18,.....	89	.544
7 „	83	.469	„ 19,.....	91	.637
8 „	85	.480	„ 20,.....	96	.672
9 „	86	.484	„ 21,.....	91	.645
10 „	85	.478	„ 22,.....	92	.637
11 „	85	.476	„ 23,.....	92	.615
Midt.	86	.481	„ 24,.....	75	.400
			„ 25,.....	85	.441
			„ 26,.....	89	.486
			„ 27,.....	89	.571
			„ 28,.....	92	.566
			„ 29,.....	89	.551
			„ 30,.....	83	.512
			„ 31,.....	73	.459
Mean,.....	84	0.475	Mean.	84	0.475

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.
1890.														
Mar. 1,.....	...	...	...	...	...	...	...	...	...	0.1	...	...	...	0.1
„ 2,.....	...	...	...	0.1	0.4	...	0.6	1.0	1.0	0.9	...	...	...	4.0
„ 3,.....	...	...	0.3	0.9	0.9	...	...	0.2	0.1	...	...	...	...	2.4
„ 4,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 5,.....	...	...	...	0.4	0.1	0.2	0.9	1.0	0.6	1.0	1.0	0.2	...	5.4
„ 6,.....	...	...	0.1	1.0	1.0	0.8	0.6	...	...	0.1	0.1	...	...	3.7
„ 7,.....	...	...	...	1.0	1.0	1.0	1.0	0.8	1.0	1.0	0.8	0.1	...	7.7
„ 8,.....	...	...	0.4	0.7	0.6	0.1	0.6	0.1	0.3	0.9	0.7	...	...	4.4
„ 9,.....	...	...	0.3	0.1	...	...	...	0.2	...	0.1	...	...	...	0.7
„ 10,.....	...	...	...	...	...	0.1	...	...	...	0.1	...	...	...	0.2
„ 11,.....	...	...	...	...	...	0.6	0.5	...	0.2	0.6	...	...	...	1.9
„ 12,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 13,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 14,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 15,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 16,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 17,.....	...	...	...	0.3	0.8	1.0	0.9	0.3	...	...	...	...	...	3.3
„ 18,.....	...	...	0.6	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	...	8.6
„ 19,.....	...	0.2	0.4	1.0	1.0	1.0	1.0	0.8	0.5	0.6	0.7	0.7	...	7.9
„ 20,.....	...	0.1	0.5	0.1	...	0.8	1.0	1.0	1.0	0.9	0.2	...	...	5.6
„ 21,.....	...	...	...	...	...	...	0.3	1.0	0.9	0.1	0.1	...	...	2.4
„ 22,.....	...	...	...	...	0.1	...	0.6	0.6	1.0	0.9	0.5	...	...	3.7
„ 23,.....	...	...	0.3	0.7	0.8	0.9	1.0	1.0	1.0	1.0	1.0	0.1	...	7.8
„ 24,.....	...	...	0.1	...	...	...	...	...	...	...	...	...	...	0.1
„ 25,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 26,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 27,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 28,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 29,.....	...	...	...	...	...	...	...	...	...	...	0.1	...	...	0.1
„ 30,.....	...	...	...	...	...	...	...	0.2	0.1	0.2	...	...	...	0.5
„ 31,.....	...	...	0.1	0.2	0.3	0.4	0.5	...	0.1	...	...	...	...	1.6
Sums,.....	...	0.3	3.1	6.9	8.0	7.9	10.5	9.2	8.8	9.5	6.2	1.7	...	72.1

TABLE VI.

RAINFALL FOR THE MONTH OF MARCH, 1890.

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.	Victoria Peak.
Mar. 1,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 2,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 3,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 4,	...	...	0.075	0.040	...	...	...	...	0.065	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.180	8	0.15
„ 5,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 6,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 7,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 8,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 9,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 10,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 11,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 12,	...	...	...	...	...	...	0.025	0.085	0.150	0.205	0.170	0.030	0.010	0.075	0.065	0.030	...	...	...	...	...	...	0.010	0.015	0.870	7	1.30
„ 13,	0.070	0.030	0.030	0.005	...	0.005	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.145	5	0.69
„ 14,	...	...	0.005	...	...	...	0.005	0.205	0.070	0.155	0.400	0.220	0.205	0.050	0.050	0.005	...	...	0.005	0.015	0.045	0.000	...	0.230	1.725	19	1.38
„ 15,	0.005	0.010	0.030	0.020	0.015	0.005	...	0.190	0.080	0.015	...	0.090	0.130	0.070	0.120	0.040	...	0.060	...	...	...	...	...	...	0.880	14	0.64
„ 16,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	...	...	0.005	1	...
„ 17,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 18,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 19,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 20,	...	...	...	...	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	...	...
„ 21,	...	...	...	...	0.010	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.010	3	...
„ 22,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 23,	...	...	...	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	5	...
„ 24,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.020	0.065	0.015	...	...	...	...	...	...	...	0.100	3	0.25
„ 25,	...	...	...	...	...	...	0.015	0.025	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	...	...	0.045	3	...
„ 26,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	...	...	...	...	...	...	0.005	2	...
„ 27,	...	...	...	...	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	3	...
„ 28,	...	...	...	0.015	0.010	0.005	0.005	0.005	0.005	...	...	...	...	...	...	...	...	0.005	...	...	...	...	...	...	0.050	8	0.21
„ 29,	...	...	...	...	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	3	...
„ 30,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.060	0.040	0.020	...	...	0.120	2	0.15
„ 31,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	0.075	0.040	0.140	0.080	0.040	0.030	0.055	0.510	0.370	0.375	0.570	0.340	0.345	0.195	0.255	0.140	0.015	0.070	0.005	0.075	0.085	0.090	0.010	0.245	4.155	86	4.77

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND FOR THE MONTH OF MARCH, 1890.

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,	32	11	1	11	3	8	32	10	32	9	32	16	32	16	32	12	32	10	32	13	1	17	2	16	32	18	32	10	2	6	4	9	5	10	8	11	2	5	2	5	1	6	1	2	2	8	4	16	255	10.6	1
" 2,	5	24	5	21	5	21	6	25	5	23	6	26	6	30	6	26	6	30	7	25	7	42	7	18	7	29	7	28	8	26	5	18	8	15	8	13	8	10	8	6	32	4	4	6	4	3	7	12	481	20.0	6
" 3,	6	12	6	13	8	16	7	12	6	6	7	18	7	19	7	11	7	13	8	10	9	12	9	10	9	9	26	10	25	9	24	5	24	3	2	13	32	12	1	13	1	9	1	11	3	3	32	4	253	10.5	6
" 4,	32	5	32	10	32	12	2	16	32	17	31	8	32	9	2	19	32	16	32	22	32	26	32	20	32	20	32	15	32	15	32	21	32	17	2	22	32	18	32	18	1	17	1	13	1	19	32	17	392	16.3	32
" 5,	1	16	1	18	1	23	32	22	32	11	2	7	5	24	4	20	5	21	4	23	4	25	7	24	8	28	8	23	8	23	7	20	7	20	7	20	7	23	7	23	7	23	7	27	6	22	7	27	513	21.4	5
" 6,	7	24	7	22	7	25	6	27	6	30	6	27	6	25	6	26	7	21	7	26	8	25	8	21	8	21	9	20	8	16	6	14	7	11	9	14	8	12	8	11	9	11	8	12	8	12	7	14	467	19.5	7
" 7,	7	14	7	14	6	13	5	13	7	19	7	18	5	17	7	20	7	19	7	24	7	23	6	20	9	21	10	21	9	21	9	24	9	23	8	18	8	12	8	15	9	21	8	25	8	21	7	18	454	18.9	8
" 8,	7	21	7	20	8	24	7	22	7	21	7	20	7	21	7	23	7	20	8	21	8	24	8	22	9	19	8	19	8	22	8	20	8	20	8	23	8	24	6	20	6	17	7	16	8	20	9	16	495	20.6	8
" 9,	8	21	8	23	8	25	8	23	8	21	8	25	8	25	8	25	8	30	8	24	8	29	8	26	8	27	8	25	8	28	8	25	8	26	8	24	8	24	8	21	8	23	8	19	8	21	8	22	582	24.2	8
" 10,	8	23	8	29	8	30	8	25	8	27	8	24	8	25	8	22	8	20	8	24	8	29	8	20	8	22	8	24	8	27	8	28	8	25	8	26	8	24	8	26	8	24	8	25	8	23	8	25	597	24.9	8
" 11,	8	23	9	27	8	26	9	23	8	27	8	24	8	23	8	22	8	20	8	17	8	24	8	23	8	24	8	20	8	23	8	21	8	22	8	21	8	23	8	20	8	19	8	20	8	19	8	20	531	22.1	8
" 12,	8	18	8	20	8	19	8	26	8	25	8	23	8	15	23	5	32	15	2	18	2	18	32	15	2	14	31	10	2	6	2	10	9	10	8	14	2	8	2	6	1	5	1	2	32	7	5	18	327	13.6	5
" 13,	6	11	5	15	4	11	7	17	7	22	6	21	6	29	6	38	6	48	7	44	6	44	6	36	7	36	6	40	7	36	6	40	6	37	6	38	6	40	6	39	6	37	6	35	5	30	6	27	771	32.1	6
" 14,	6	30	6	28	6	30	7	31	7	31	7	33	7	32	32	11	32	7	2	11	2	5	...	1	30	3	...	0	...	0	32	4	32	6	1	5	1	3	29	6	26	5	29	7	32	8	30	7	304	12.7	5
" 15,	1	4	32	2	32	2	32	2	2	17	31	9	29	4	31	7	32	8	23	6	1	6	30	6	32	5	30	5	30	5	13	5	4	6	29	8	30	4	2	6	2	1	32	9	32	10	1	6	143	6.0	32
" 16,	...	0	1	3	...	0	32	3	30	4	...	1	30	2	30	3	30	2	6	4	10	11	8	15	9	12	10	11	4	3	27	2	27	5	12	4	12	6	10	17	8	20	7	16	7	22	7	22	188	7.8	8
" 17,	7	19	8	18	7	20	7	22	7	20	7	20	7	23	7	28	7	32	7	30	7	35	7	27	8	29	8	25	9	21	8	19	9	21	9	21	9	23	8	27	8	22	7	24	8	24	7	23	573	22.9	8
" 18,	8	24	8	28	8	21	9	24	8	24	8	20	8	21	8	18	8	17	8	20	9	22	9	23	9	19	9	22	9	20	10	16	9	20	9	19	9	16	9	16	9	9	7	3	7	5	...	1	428	17.8	9
" 19,	7	3	10	4	9	5	...	1	...	1	...	1	9	2	12	7	9	10	9	8	9	13	9	16	8	18	8	19	8	17	9	15	9	12	8	15	8	14	9	14	8	16	10	13	10	11	10	13	248	10.3	9
" 20,	10	8	10	6	11	10	11	11	9	15	9	13	9	12	9	11	10	13	10	9	10	13	10	18	10	21	9	21	9	25	8	22	8	17	8	14	8	10	8	9	8	10	8	8	9	9	9	8	313	13.0	9
" 21,	10	8	10	11	10	12	9	13	10	13	8	13	9	11	9	14	9	18	9	23	9	18	11	15	11	19	10	22	9	18	9	20	9	21	8	12	9	18	8	19	8	15	10	15	9	16	9	15	379	15.8	9
" 22,	9	14	9	16	10	17	9	22	7	25	8	23	8	20	8	19	8	23	8	23	8	26	8	18	7	18	8	17	9	20	9	20	9	16	7	14	8	15	8	15	8	19	8	18	7	15	7	13	446	18.6	8
" 23,	10	11	10	16	10	17	8	12	9	18	9	15	8	16	8	17	8	21	8	17	8	17	9	13	9	13	8	18	8	15	8	10	8	9	23	20	25	17	25	25	26	21	26	24	28	21	30	5	388	16.2	8
" 24,	31	10	27	4	32	10	32	13	32	11	32	9	32	6	32	9	32	11	32	10	32	7	6	7	2	6	31	7	29	7	2	4	2	4	2	8	2	7	1	9	1	10	2	3	2	6	6	18	196	8.2	1
" 25,	6	16	5	21	4	21	6	25	6	29	6	28	6	29	7	27	6	28	7	32	7	35	7	30	6	28	7	30	7	27	7	27	7	30	6	25	7	26	7	33	7	30	7	34	7	30	7	31	672	28.0	7
" 26,	7	30	7	34	7	33	7	31	7	34	7	30	7	30	7	34	7	33	7	32	7	39	7	35	7	34	7	30	7	28	7	24	7	26	8	24	8	28	8	26	8	25	8	20	9	19	9	18	697	29.0	7
" 27,	9	14	9	10	9	10	9	12	9	4	10	2	10	8	...	0	10	3	9	3	9	3	...	1	9	5	9	4	...	1	9	6	28	12	23	6	23	6	24	5	24	7	26	8	25	10	24	9	149	6.2	9
" 28,	24	5	24	4	24	5	26	5	26	1	26	1	26	5	8	17	8	16	9	14	8	18	8	22	8	25	8	17	9	11	9	12	8	18	8	9	8	7	8	19	8	19	8	20	7	24	8	22	316	13.2	8
" 29,	7	18	8	19	9	17	8	20	8	13	10	14	9	15	9	16	8	16	7	16	9	10	10	9	9	8	10	11	9	6	9	7	9	7	...	1	9	5	2	2	8	4	...	1	5	3	30	3	241	10.0	8
" 30,	29	2	...	1	29	3	32	3	5	4	5	5	6	6	8	10	9	16	7	12	6	8	8	14	9	13	10	12	9	14	11	13	8	15	8	13	8	12	5	10	7	10	9	9	8	14	8	11	230	9.6	8
" 31,	8	12	8	14	7	20	6	27	6	30	6	29	7	29	7	34	6	33	7	37	7	37	7	34	7	34	6	38	7	30	7	29	7	30	7	29	6	33	6	27	6	30	7	23	6	23	7	22	684	28.5	7
Sums,	...	451	...	482	...	506	...	538	...	552	...	523	...	549	...	551	...	590	...	598	...	661	...	575	...	598	...	574	...	526	...	510	...	514	...	504	...	485	...	508	...	489	...	468	...	478	...	483	12713	529.6	...
Hourly Means,	...	14.5	...	15.5	...	16.3	...	17.4	...	17.8	...	16.9	...	17.7	...	17.8	...	19.0	...	19.3	...	21.3	...	18.5	...	19.3	...	18.5	...	17.0	...	16.5	...	16.6	...	16.3	...	15.6	...	16.4	...	15.8	...	15.1	...	15.4	...	15.6	410.1	17.1	...

TABLE VIII.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR MARCH, 1890.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N-S	+E-W	
1 a.	3.68	12.55	0.52	0.25	+3.16	+12.30	E 15° N
2 „	3.58	13.50	0.77	0.23	2.81	13.27	E 12° N
3 „	4.05	13.89	0.97	0.23	3.08	13.66	E 13° N
4 „	4.54	14.69	0.74	0.16	3.80	14.53	E 15° N
5 „	4.90	15.24	0.42	0.06	4.48	15.18	E 16° N
6 „	4.18	14.87	0.42	0.16	3.76	14.71	E 14° N
7 „	4.42	15.74	0.32	0.27	4.10	15.47	E 15° N
8 „	4.65	15.29	0.45	0.23	4.20	15.06	E 16° N
9 „	5.17	16.29	0.48	0.03	4.69	16.26	E 16° N
10 „	4.65	16.58	0.50	0.19	4.15	16.39	E 14° N
11 „	5.06	18.59	0.81	0.00	4.25	18.59	E 13° N
Noon.	3.66	16.40	1.03	0.06	2.63	16.34	E 9° N
1 p.	3.27	17.11	1.50	0.02	1.77	17.09	E 6° N
2 „	3.13	16.23	1.39	0.45	1.74	15.78	E 6° N
3 „	2.03	15.35	1.00	0.48	1.03	14.87	E 4° N
4 „	3.10	14.63	1.19	0.23	1.91	14.40	E 8° N
5 „	2.74	14.81	0.81	0.48	1.93	14.33	E 8° N
6 „	2.71	13.94	0.71	1.00	2.00	12.94	E 9° N
7 „	3.04	13.11	0.57	0.81	2.47	12.30	E 11° N
8 „	3.79	13.39	0.42	1.08	3.37	12.31	E 15° N
9 „	3.45	13.10	0.26	1.03	3.19	12.07	E 15° N
10 „	3.35	12.46	0.42	1.10	2.93	11.36	E 14° N
11 „	4.29	12.44	0.42	0.79	3.87	11.65	E 18° N
Midt.	3.68	13.48	0.55	0.48	+3.13	+13.00	E 14° N
Mean,.....	3.80	14.74	0.69	0.41	+3.10	+14.33	E 12° N

TABLE IX.

VICTORIA PEAK.

Date.	Barometer.			Temperature.					Wind.					
	10 a.	4 p.	10 p.	10 a.	4 p.	10 p.	Max.	Min.	10 a.		4 p.		10 p.	
									Direction.	Force.	Direction.	Force.	Direction.	Force.
1890.														
Mar. 1	28.35	28.29	28.29	50	51	49	64	49	N	4	ENE	5	E	5
„ 2	.34	.25	.26	51	53	52	63	50	E	5	E	4	E	4
„ 3	.25	.23	.27	54	56	54	64	52	E	3	NNW	3	NE	3
„ 4	.36	.33	.37	49	51	48	54	46	NE	4	NE	4	NE	5
„ 5	.40	.32	.36	49	52	50	52	46	ENE	5	E	4	E	5
„ 6	.35	.26	.27	51	54	52	54	47	E	5	E	4	E	4
„ 7	.25	.19	.22	56	60	55	60	51	E	4	E	3	E	4
„ 8	.20	.12	.15	57	60	59	60	54	E	4	E	3	ESE	4
„ 9	.13	.07	.07	60	62	60	62	59	ESE	4	SE	4	SE	4
„ 10	.12	.06	.05	62	64	63	64	58	SE	5	SE	5	SE	5
„ 11	.09	.09	.07	64	65	63	66	62	S	5	SE	3	S	4
„ 12	.12	.08	.08	56	56	52	63	52	NE	4	ENE	3	E	5
„ 13	.11	.05	.07	51	51	50	54	49	E	6	E	6	E	6
„ 14	.09	.04	.09	50	51	50	51	50	NE	4	NE	3	NE	4
„ 15	.20	.16	.17	47	47	45	50	45	N	4	NE	3	NW	5
„ 16	.26	.21	.19	48	51	50	51	45	E	4	E	3	E	4
„ 17	.23	.16	.17	52	56	55	56	50	E	4	E	4	E	4
„ 18	.23	.14	.17	62	66	63	66	55	SE	5	SE	3	SE	3
„ 19	.23	.13	.16	66	69	67	71	62	SE	3	SE	2	S	3
„ 20	.26	.12	.14	67	69	66	69	65	ESE	3	SE	4	E	4
„ 21	.17	.10	.09	66	68	67	69	64	E	5	SE	5	SE	4
„ 22	.10	.05	.05	66	68	65	69	64	ESE	4	ESE	4	SE	4
„ 23	.08	.03	.06	68	71	66	72	65	SE	3	SW	3	WNW	3
„ 24	.16	.10	.13	58	57	57	66	57	N	4	NNE	3	NE	3
„ 25	.14	.07	.07	54	54	52	60	52	E	6	E	5	E	5
„ 26	.14	.06	.07	55	56	58	60	52	E	5	E	4	ESE	4
„ 27	.15	.08	.09	59	61	61	62	58	E	2	E	2	ENE	3
„ 28	.13	.05	.05	62	60	59	62	59	ESE	3	E	4	E	4
„ 29	.11	.04	.05	60	62	62	64	59	E	3	E	3	E	3
„ 30	.17	.09	.12	58	61	56	62	56	E	3	E	3	E	4
„ 31	.17	.11	.12	59	59	59	61	56	E	5	E	5	E	5
Mean,	28.196	28.132	28.146	57.0	58.7	56.9	61.3	54.5	E 1° N	4.1	E 4° S	3.7	E 5° S	4.1

TABLE X.

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
1890.												
March 1, ...	10	str-cum.	...	10	cum-nim.	...	10	str-cum.	E	10	str-cum.	E
„ 2, ...	10	cum-nim.	...	10	cum-nim.	...	10	cum.	E	10	cum.	E
„ 3, ...	8	cum.	SSE	10	str-cum.	...	10	sm-cum. / cum.	W / E	10	sm-cum. / cum.	W / E
„ 4, ...	10	cum-nim.	...	10	nim.	...	10	nim.	N	10	cum-nim.	N
„ 5, ...	10	str-cum.	...	10	sm-cum.	W	10	cum.	E	10	cum.	E
„ 6, ...	3	cum.	E	9	cum.	E	10	sm-cum. / cum.	W / E	6	sm-cum. / cum.	W / E
„ 7, ...	10	sm-cum.	W	5	sm-cum.	W	10	sm-cum.	W	0	...	...
„ 8, ...	10	str-cum.	...	9	sm-cum.	W	10	str.	E	7	c-cum. / cum.	W / E
„ 9, ...	10	str-cum.	E	10	str-cum.	E	10	str.	E	10	str-cum.	E
„ 10, ...	10	cum-nim.	E	10	str-cum.	E	10	sm-cum. / cum.	W / E	10	cum.	SSE
„ 11, ...	10	cum-nim.	SE	10	str-cum.	S	10	str-cum.	S	10	cum.	S
„ 12, ...	10	cum-nim.	...	10	cum-nim.	...	10	cum-nim.	...	10	nim.	W
„ 13, ...	10	nim.	...	10	nim.	...	10	cum-nim.	E	10	cum-nim.	E
„ 14, ...	10	nim.	...	10	cum-nim.	...	10	cum-nim.	E	10	nim.	E
„ 15, ...	10	nim.	...	10	nim.	...	10	cum-nim.	...	10	nim.	...
„ 16, ...	10	cum-nim.	...	10	cum-nim.	...	10	nim.	...	10	str.	...
„ 17, ...	10	cum-nim.	...	10	cum.	...	10	cum.	E	10	cum.	E
„ 18, ...	10	cum.	...	10	cum-nim.	...	10	sm-cum. / cum.	E	1	cum.	E
„ 19, ...	10	cum.	...	10	cum.	...	8	cum.	E	2	cum.	...
„ 20, ...	10	cum-nim.	...	10	cum-nim.	...	10	str-cum.	E	10	str.	E
„ 21, ...	10	cum.	...	10	cum.	...	10	str.	...	10	str.	E
„ 22, ..	10	cum-nim.	...	10	cum-nim.	...	10	str.	...	10	cum.	E
„ 23, ...	10	nim.	...	10	nim.	...	10	cum.	E	9	sm-cum. / cum.	W / E
„ 24, ...	10	cum-nim.	...	10	cum-nim.	...	10	str-cum.	...	10	str.	...
„ 25, ...	10	str.	...	10	str.	...	10	nim.	E	10	cum-nim.	E
„ 26, ...	10	cum-nim.	...	10	cum.	...	10	cum-nim.	E	10	cum-nim.	E
„ 27, ...	10	cum-nim.	...	10	str.	...	10	cum-nim.	N	10	str.	...
„ 28, ...	10	str.	...	10	cum-nim.	...	10	nim.	E	10	str.	E
„ 29, ...	10	cum-nim.	...	10	str.	...	10	str.	E	10	str.	E
„ 30, ...	10	str.	...	10	str.	...	10	str.	...	10	cum-nim.	NNE
„ 31, ...	10	cum.	...	10	str.	...	10	str.	...	10	str-cum.	...
Mean,..	9.7	...	...	9.8	...	...	10.0	...	...	8.9	...	...

TABLE X.—*Continued.*

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 p.			4 p.			7 p.			10 p.			Daily and Monthly Means.
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	
1890.													
March 1,...	10	str-cum.	NNE	10	str-cum.	ESE	10	cum-nim.	E	10	str-cum.	E	10.0
" 2,...	6	c-str. / cum.	NW / E	10	str-cum.	SE	10	str-cum.	ENE	10	str-cum.	E	9.5
" 3,...	10	sm-cum. / cum.	W / E	10	str.	...	10	str.	...	10	str.	...	9.7
" 4,...	10	str.	E	10	sm-cum. / cum	W / E	10	nim.	...	10	str.	...	10.0
" 5,...	7	sm-cum. / cum.	W / E	4	c-str. / sm cum. / cum.	W / W / E	10	c-str.	W	1	c-str. / cum.	W / E	7.7
" 6,...	10	sm-cum. / cum.	W / E	10	sm-cum.	W	9	sm-cum.	NW	8	sm-cum.	WNW	8.1
" 7,...	9	sm-cum.	WNW	1	sm-cum.	WNW	1	str-cum.	...	9	str-cum.	WSW	5.6
" 8,...	9	sm-cum.	W	5	c-str. / cum.	W / E	10	c-str.	W	1	cum.	E	7.6
" 9,...	9	c-cum. / sm cum. / cum.	WSW / WSW / E	10	sm-cum. / cum.	WSW / E	10	cum-nim	...	10	nim.	...	9.9
" 10,...	10	cum-nim.	E	10	sm-cum. / cum-nim.	WSW / ESE	10	nim.	...	10	nim.	...	10.0
" 11,...	10	cum.	S	9	sm-cum. / cum.	SSW / S	9	cum-nim.	WSW	10	str.	...	9.8
" 12,...	10	str.	...	10	nim.	NNE	10	cum-nim.	...	10	cum-nim.	...	10.0
" 13,...	10	cum-nim.	E	10	cum-nim.	E	10	nim.	...	10	nim.	...	10.0
" 14,...	10	nim.	E	10	cum-nim.	E	10	nim.	...	10	nim.	...	10.0
" 15,...	10	nim.	...	10	nim.	...	10	cum-nim.	...	10	cum-nim.	...	10.0
" 16,...	10	str.	...	10	str.	...	10	str.	...	10	cum.	...	10.0
" 17,...	10	cum.	SSE	10	cum-nim.	E	9	cum-nim.	E	10	nim.	...	9.9
" 18,...	1	cum.	E	0	...	...	0	...	...	10	cum.	...	5.2
" 19,...	3	cum.	E	2	cum.	...	0	...	...	10	fog.	...	5.6
" 20,...	8	cum.	E	9	cum-nim.	E	10	nim.	...	10	cum-nim.	...	9.6
" 21,...	7	cum.	E	8	cum.	E	7	cum-nim.	SW	9	cum-nim.	...	8.9
" 22,...	10	cum-nim.	E	6	cum.	SE	10	cum-nim.	SE	10	cum-nim.	...	9.5
" 23,...	6	sm-cum. / cum.	WSW / WSW	1	c-str. / sm-cum. / cum.	WSW / WSW	6	cum.	SW	10	cum.	...	7.7
" 24,...	10	str-cum.	...	10	nim.	S	10	str.	...	10	str.	...	10.0
" 25,...	10	nim.	E	10	nim.	ENE	10	cum-nim.	ENE	10	nim.	...	10.0
" 26,...	10	nim.	E	10	cum-nim.	E	9	sm-cum. / nim.	W / E	10	cum-nim.	...	9.9
" 27,...	10	str.	...	10	str.	...	10	sm-cum.	W	10	str.	...	10.0
" 28,...	10	str-cum.	E	10	nim.	E	10	str.	ENE	10	c-str. / cum.	SW	10.0
" 29,...	10	str.	E	10	sm-cum. / nim.	WSW / E	10	cum-nim.	E	10	str.	...	10.0
" 30,...	10	cum-nim.	ENE	10	sm-cum. / cum.	W / ENE	10	cum.	...	10	cum-nim.	NW	10.0
" 31,..	10	str-cum.	E	10	str.	...	10	R-cum.	E	10	cum.	ESE	10.0
Mean,...	8.9	...	...	8.2	...	...	9.0	...	...	9.3	...	...	9.2

TABLE I.

BAROMETRIC PRESSURE FOR THE MONTH OF APRIL, 1890.

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,...	29.852	29.830	29.803	29.807	29.806	29.811	29.827	29.841	29.849	29.860	29.840	29.815	29.820	29.783	29.754	29.760	29.781	29.781	29.793	29.815	29.836	29.848	29.855	29.852	29.817
" 2,...	.842	.830	.818	.825	* .848	.871	.893	.918	.934	.933	.942	.922	.900	.872	.862	.864	.870	.880	.899	.913	.927	.940	.939	.937	.891
" 3,...	.917	.901	.897	.891	.913	.931	.950	.968	.987	.996	.999	.990	.958	.936	.915	.907	.908	.917	.938	.963	.980	.994	.994	.987	.947
" 4,...	.975	.950	.955	.942	.951	.970	.994	30.016	30.045	30.060	30.053	30.051	30.013	.982	.953	.953	.957	.973	.993	30.013	30.032	30.040	30.033	30.010	.997
" 5,...	.991	.974	.972	.978	.990	.999	30.015	.032	.048	.052	.056	.042	.022	.996	.977	.970	.967	.970	.984	29.990	.001	.013	.008	.003	30.002
" 6,...	.983	.974	.966	.960	.970	.984	29.991	.020	.042	.046	.041	.028	.001	.983	.959	.975	.977	.994	30.013	30.026	.047	.058	.050	.050	.006
" 7,...	30.039	30.029	30.019	30.010	30.018	30.027	30.042	.065	.080	.083	.067	.054	.038	30.015	.996	.982	.980	.992	.010	.020	.030	.034	.034	.025	.029
" 8,...	.007	29.996	29.985	29.986	29.959	29.990	29.998	.011	.029	.028	.015	.001	29.977	29.951	.920	.913	.918	.918	29.934	29.954	29.971	29.975	29.969	29.962	29.973
" 9,...	29.950	.923	.909	.900	.911	.926	.941	29.961	29.968	29.955	29.951	29.932	.904	.890	.869	.867	.863	.877	.875	.890	.910	.913	.915	.897	.913
" 10,...	.883	.873	.852	.856	.868	.885	.900	.919	.939	.931	.919	.894	.869	.840	.827	.813	.805	.812	.825	.843	.855	.867	.863	.859	.867
" 11,...	.841	.833	.827	.829	.833	.847	.853	.872	.884	.887	.883	.854	.829	.806	.793	.779	.778	.789	.808	.835	.858	.874	.869	.869	.839
" 12,...	.850	.848	.839	.828	.833	.853	.872	.891	.905	.921	.908	.889	.870	.857	.850	.848	.839	.842	.861	.872	.878	.904	.906	.902	.870
" 13,...	.877	.862	.847	.845	.846	.848	.875	.891	.904	.905	.895	.874	.844	.826	.790	.773	.776	.775	.791	.809	.826	.833	.838	.832	.841
" 14,...	.819	.790	.780	.793	.784	.799	.827	.847	.845	.847	.829	.816	.802	.771	.764	.743	.744	.768	.780	.797	.808	.836	.831	.820	.802
" 15,...	.800	.785	.765	.773	.770	.781	.801	.826	.827	.824	.832	.828	.802	.771	.767	.755	.742	.743	.749	.770	.781	.782	.784	.781	.785
" 16,...	.757	.741	.725	.731	.731	.752	.776	.807	.810	.812	.815	.801	.773	.756	.715	.717	.710	.712	.740	.756	.763	.776	.779	.767	.759
" 17,...	.749	.723	.697	.691	.686	.713	.745	.766	.781	.793	.780	.774	.747	.708	.685	.681	.705	.717	.735	.757	.781	.768	.779	.785	.739
" 18,...	.757	.748	.728	.731	.734	.762	.778	.798	.818	.848	.850	.846	.822	.801	.785	.756	.765	.772	.805	.822	.858	.874	.879	.877	.801
" 19,...	.869	.857	.850	.855	.856	.874	.893	.920	.928	.935	.940	.925	.910	.884	.866	.858	.844	.842	.850	.864	.876	.891	.911	.896	.883
" 20,...	.880	.870	.849	.841	.843	.855	.885	.904	.915	.913	.904	.892	.847	.819	.793	.775	.763	.771	.776	.781	.799	.802	.801	.792	.836
" 21,...	.772	.760	.743	.736	.751	.766	.792	.800	.814	.812	.791	.781	.754	.724	.703	.688	.688	.694	.704	.709	.726	.731	.741	.734	.747
" 22,...	.720	.705	.691	.690	.690	.708	.718	.749	.755	.760	.752	.739	.715	.681	.672	.654	.646	.658	.678	.683	.688	.679	.687	.676	.700
" 23,...	.675	.667	.654	.652	.652	.657	.683	.703	.725	.731	.722	.707	.681	.653	.630	.623	.614	.646	.641	.672	.681	.684	.685	.661	.671
" 24,...	.661	.655	.649	.634	.638	.657	.661	.683	.686	.699	.689	.673	.658	.642	.621	.626	.617	.604	.635	.656	.669	.682	.692	.693	.657
" 25,...	.700	.684	.682	.701	.723	.695	.719	.741	.756	.767	.770	.761	.742	.732	.718	.724	.736	.754	.769	.787	.807	.808	.808	.806	.745
" 26,...	.800	.782	.782	.786	.794	.815	.841	.861	.874	.881	.874	.860	.845	.837	.824	.810	.804	.810	.813	.816	.832	.837	.830	.821	.826
" 27,...	.815	.813	.803	.790	.810	.829	.854	.869	.873	.877	.871	.857	.832	.813	.780	.766	.756	.766	.780	.784	.801	.813	.821	.816	.817
" 28,...	.812	.794	.776	.773	.779	.796	.803	.816	.827	.828	.826	.821	.794	.770	.754	.744	.736	.737	.754	.767	.779	.801	.803	.796	.787
" 29,...	.781	.757	.758	.765	.773	.790	.813	.824	.834	.832	.838	.826	.803	.779	.758	.745	.733	.741	.755	.758	.773	.793	.799	.802	.785
" 30,...	.794	.787	.768	.765	.765	.768	.775	.788	.794	.791	.781	.764	.734	.712	.697	.694	.706	.717	.724	.748	.769	.782	.785	.775	.758
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hourly Means, ...	29.840	29.825	29.813	29.812	29.818	29.832	29.851	29.871	29.883	29.887	29.881	29.867	29.844	29.820	29.800	29.792	29.791	29.799	29.814	29.829	29.845	29.854	29.856	29.849	29.836

* Interpolated.

TABLE II.

TEMPERATURE FOR THE MONTH OF APRIL, 1890.

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,.....	64.8	63.3	63.3	63.3	63.0	62.5	63.8	63.2	62.4	60.5	60.4	60.8	59.8	60.9	61.9	61.9	61.3	61.8	61.9	62.1	62.6	62.8	63.2	62.6	62.3	66.8	58.9
„ 2,.....	62.7	62.4	62.3	62.2	62.3	62.7	62.9	63.0	63.8	64.6	64.1	64.8	63.8	63.9	64.6	63.9	63.0	63.0	63.0	63.0	62.9	62.9	62.6	62.6	63.2	65.5	61.0
„ 3,.....	62.4	62.3	62.3	62.2	62.3	62.2	62.7	63.3	64.2	64.6	65.0	64.3	63.3	64.3	64.3	64.3	64.1	64.2	62.9	62.9	62.8	62.9	62.9	63.1	63.3	65.0	60.9
„ 4,.....	62.6	62.6	62.5	62.6	62.6	62.7	62.9	63.3	63.6	63.8	64.7	64.2	64.8	66.7	68.3	68.0	67.1	64.1	63.1	61.9	61.8	60.9	61.0	60.8	63.6	70.3	59.9
„ 5,.....	60.3	59.9	59.0	59.5	59.2	59.2	59.8	61.6	62.4	64.8	67.8	66.9	68.0	67.6	69.0	67.6	66.7	63.6	61.8	61.1	60.0	59.6	59.7	59.3	62.7	69.0	57.5
„ 6,.....	58.4	57.3	57.0	56.7	57.2	56.3	59.8	62.2	68.3	67.1	70.6	71.7	72.7	72.0	70.1	70.0	67.7	66.4	65.7	65.0	64.2	63.7	63.5	62.5	64.4	74.7	55.6
„ 7,.....	61.3	61.2	62.1	62.5	62.4	62.1	63.4	65.6	68.4	69.0	70.4	69.9	69.8	70.6	70.1	69.8	67.8	66.3	65.0	64.9	64.8	64.8	64.2	64.0	65.4	71.5	60.8
„ 8,.....	64.0	63.9	63.2	64.3	65.1	64.7	65.8	69.3	73.6	71.8	71.7	72.6	73.5	72.6	71.7	70.6	70.2	69.1	68.9	68.8	68.0	68.0	67.7	67.7	68.6	75.0	62.7
„ 9,.....	68.0	67.6	67.0	67.6	67.6	67.9	68.7	70.5	71.6	73.6	74.4	75.8	75.0	73.5	72.7	72.7	72.6	70.0	69.7	69.6	69.0	69.7	69.4	69.2	70.6	76.8	66.0
„ 10,.....	69.2	68.8	68.7	69.0	68.8	68.5	68.8	71.0	73.0	74.6	75.0	75.5	74.6	73.8	73.8	72.9	71.0	70.1	70.3	70.0	70.0	69.7	69.8	69.6	71.1	77.0	67.3
„ 11,.....	69.7	69.8	69.6	69.5	69.5	70.2	70.8	73.5	75.0	74.8	78.0	77.1	73.8	73.1	77.9	79.7	76.9	74.5	73.8	71.8	71.6	70.4	70.2	70.6	73.0	82.1	67.9
„ 12,.....	70.2	70.2	69.9	69.7	69.2	69.2	70.1	72.4	72.4	74.7	77.2	76.3	69.6	67.7	67.1	66.6	66.2	65.3	64.8	64.5	64.7	63.9	63.8	63.7	68.7	79.3	62.4
„ 13,.....	63.7	64.0	63.9	63.8	64.2	64.2	64.8	65.0	64.6	63.8	63.9	64.1	64.0	63.5	64.1	65.2	65.1	64.5	64.6	64.3	65.2	65.9	65.6	66.6	64.5	66.6	61.9
„ 14,.....	66.4	65.8	66.6	66.8	67.3	67.3	67.6	68.5	69.5	69.6	70.8	70.1	70.2	70.5	69.1	69.4	68.9	69.2	69.8	69.9	69.9	69.9	69.5	69.4	68.8	71.0	64.6
„ 15,.....	69.1	69.3	69.4	70.4	70.2	70.5	70.7	71.9	72.9	74.8	74.6	79.5	80.8	81.9	82.6	81.4	79.0	76.8	74.9	73.8	73.5	72.6	73.0	71.8	74.4	83.4	68.0
„ 16,.....	70.9	71.9	70.0	70.3	69.8	70.6	70.9	72.0	72.0	73.4	74.4	75.4	78.4	80.1	80.1	78.9	77.7	76.5	74.8	75.6	73.6	72.9	72.6	72.0	73.9	81.7	68.8
„ 17,.....	72.3	72.3	72.1	71.9	71.8	71.9	72.8	73.2	75.2	79.8	79.9	79.3	80.4	81.1	81.9	76.8	76.3	75.1	76.8	75.6	77.2	76.5	76.5	75.8	75.9	81.9	70.9
„ 18,.....	75.5	75.2	73.6	73.3	72.6	72.4	73.0	73.7	72.7	72.5	71.9	72.0	72.6	72.5	73.7	72.8	71.4	70.9	70.8	70.8	71.0	71.9	72.2	72.2	72.6	76.8	69.8
„ 19,.....	71.4	71.3	71.3	71.3	71.4	71.4	73.7	73.6	73.6	76.7	77.0	77.3	77.1	77.8	79.7	77.5	76.1	74.7	72.8	72.6	72.8	72.8	72.5	72.2	74.1	79.7	69.8
„ 20,.....	71.8	72.0	72.2	72.1	72.5	72.7	73.7	78.4	79.4	79.3	78.6	79.0	79.0	78.8	78.0	77.9	76.4	75.0	74.3	72.9	73.6	73.9	73.9	74.1	75.4	81.0	70.9
„ 21,.....	73.6	73.8	73.7	72.7	72.3	72.8	74.0	76.7	78.3	78.6	77.9	78.2	79.3	76.8	76.9	76.8	76.2	75.5	74.8	74.5	75.1	74.8	75.0	74.9	75.6	81.4	71.8
„ 22,.....	74.5	74.8	74.3	74.3	74.0	74.8	76.8	78.3	82.7	80.8	83.0	83.6	85.0	87.9	85.6	83.3	81.5	79.9	78.8	77.0	77.1	73.8	78.5	78.5	79.3	88.6	73.6
„ 23,.....	78.3	78.6	78.5	78.5	78.4	78.3	79.7	81.7	80.4	81.7	81.4	83.7	82.8	84.1	82.5	82.6	80.6	79.6	78.9	78.7	78.5	78.0	78.3	77.9	80.1	86.2	77.3
„ 24,.....	77.9	78.0	77.4	77.0	77.2	77.6	79.8	81.4	81.3	81.8	82.1	81.7	82.9	83.7	82.4	77.0	77.5	80.0	78.9	78.2	77.4	77.3	77.0	77.6	79.3	85.4	74.9
„ 25,.....	75.8	71.9	71.8	71.7	72.0	71.7	72.8	74.9	76.1	77.7	79.0	79.0	80.8	80.2	79.6	75.8	73.5	72.1	70.8	70.2	70.0	69.3	69.0	68.8	73.9	82.6	68.3
„ 26,.....	68.8	68.6	68.8	68.3	68.3	68.4	68.8	68.7	69.1	68.6	68.3	68.9	68.8	69.5	69.9	70.4	70.4	70.7	70.6	71.0	70.5	70.2	70.1	69.8	69.4	71.0	68.3
„ 27,.....	69.7	69.9	70.0	70.4	70.9	71.0	71.9	72.7	73.0	74.8	75.7	77.3	76.0	76.8	76.7	76.1	72.4	74.9	73.9	73.1	72.9	72.8	73.3	73.5	73.3	78.0	69.7
„ 28,.....	73.5	73.4	73.3	72.9	72.7	73.3	74.8	76.2	76.5	76.8	80.8	81.3	79.8	78.8	78.2	77.8	77.4	76.5	75.6	75.6	75.7	75.8	75.8	75.6	76.2	81.5	72.7
„ 29,.....	75.3	74.9	75.5	74.9	75.4	75.4	76.8	76.9	77.6	78.8	81.4	81.2	80.1	81.1	80.4	79.4	78.6	77.9	76.8	76.1	76.7	75.8	75.6	75.7	77.4	81.7	74.0
„ 30,.....	75.1	75.1	74.8	74.2	74.5	74.8	77.0	78.2	78.3	79.8	82.3	81.9	81.9	83.3	82.2	78.6	77.4	76.9	75.9	76.4	77.6	78.7	78.6	77.8	78.0	84.2	74.2
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hourly Means,.....	69.2	69.0	68.8	68.8	68.8	68.9	70.0	71.4	72.4	73.1	74.1	74.4	74.3	74.5	74.5	73.5	72.4	71.5	70.8	70.4	70.4	70.2	70.2	70.0	71.3	77.2	67.0

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION, FOR THE MONTH OF APRIL, 1890.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.	Solar Max.
April 1, ..	60.6	60.1	59.9	59.7	59.1	58.6	58.8	58.0	58.2	57.8	58.9	59.1	59.5	60.0	60.5	60.1	60.7	60.6	60.7	60.6	60.9	60.9	60.7	60.5	59.8	79.1
„ 2,...	60.8	60.5	60.4	60.4	60.6	60.6	60.9	60.7	61.4	61.7	61.4	61.8	61.7	61.8	61.7	61.3	60.3	60.4	60.8	60.5	60.6	60.6	60.7	60.7	60.9	113.6
„ 3,...	60.6	60.3	59.7	59.7	59.7	59.7	60.0	60.0	60.4	61.2	61.4	61.4	61.8	62.9	63.0	62.7	62.7	62.5	61.7	61.7	61.8	61.8	62.0	62.0	61.3	87.7
„ 4,...	61.6	61.6	61.5	61.5	61.4	61.3	61.3	61.3	61.5	60.6	61.7	60.0	60.6	60.8	60.0	60.9	60.3	57.2	55.8	55.5	54.8	53.2	53.1	53.8	59.2	118.0
„ 5,...	52.5	53.3	53.3	52.2	51.6	51.2	50.8	51.8	52.1	53.1	55.5	57.1	57.5	57.0	57.2	57.6	57.2	56.5	54.6	55.5	54.3	54.9	54.8	54.4	54.4	127.6
„ 6,...	54.8	54.2	54.9	55.0	55.4	52.6	56.8	56.8	58.3	59.0	59.7	60.0	58.6	58.4	58.5	58.7	57.5	56.5	55.9	56.0	55.9	55.5	55.9	55.3	56.7	130.7
„ 7,...	54.8	53.7	53.0	53.0	53.7	54.1	56.4	56.5	55.7	57.8	57.0	55.4	56.1	57.0	59.4	57.8	58.4	57.8	57.0	57.8	57.6	58.0	59.8	59.1	56.5	129.5
„ 8,...	59.4	59.8	59.4	60.4	60.4	60.2	58.8	60.2	62.8	63.0	63.7	64.0	65.6	65.6	65.4	64.8	64.1	63.9	63.8	64.1	64.4	63.8	63.8	63.1	62.7	125.7
„ 9,...	64.2	64.1	64.0	65.1	65.7	65.8	66.6	68.0	68.7	69.7	70.0	70.1	69.8	69.0	68.7	68.7	69.0	67.8	66.9	67.3	67.0	67.8	67.9	67.9	67.5	143.5
„ 10,...	68.0	68.4	68.0	68.6	68.6	68.1	68.6	69.7	70.5	71.7	71.1	71.5	71.7	71.0	70.7	70.6	69.7	69.0	68.9	68.9	69.5	69.7	69.8	69.6	69.7	139.3
„ 11,...	69.6	69.7	69.6	69.5	69.3	69.8	70.0	71.5	72.3	71.8	73.6	72.6	71.5	71.0	72.6	73.8	72.4	72.4	71.8	71.3	70.8	69.9	70.0	70.1	71.1	126.4
„ 12,...	69.7	69.7	69.7	69.7	68.8	69.0	69.8	71.2	71.4	72.6	73.4	72.4	68.4	66.5	65.9	65.0	64.9	64.0	63.9	63.8	63.0	62.8	62.9	62.8	67.5	139.1
„ 13,...	62.8	62.8	61.6	61.0	60.9	60.9	61.3	60.9	60.8	61.7	61.7	61.8	62.2	62.2	63.2	63.8	63.9	63.7	63.8	63.8	64.8	64.8	65.0	65.8	62.7	81.1
„ 14,...	65.6	65.0	65.6	65.5	65.7	65.6	66.1	66.5	67.4	67.5	68.4	67.9	68.2	68.7	67.8	68.2	67.9	68.5	68.6	68.6	69.0	68.9	68.7	68.7	67.3	129.3
„ 15,...	68.4	68.8	69.4	70.3	70.2	69.4	69.9	71.0	72.1	73.6	73.8	76.7	74.8	75.7	77.0	75.1	73.5	73.0	72.9	72.4	72.8	71.8	71.8	71.5	72.3	138.2
„ 16,...	70.5	70.6	70.0	70.2	69.7	70.5	70.8	71.8	71.5	72.5	72.9	73.6	74.7	75.6	75.5	74.5	74.7	74.3	73.3	73.5	72.1	71.9	71.6	71.4	72.4	123.8
„ 17,...	71.6	71.5	71.8	71.6	71.7	71.7	72.6	72.6	73.8	74.8	74.1	74.3	74.8	74.7	74.7	74.6	73.5	73.5	73.8	74.1	74.7	73.9	73.4	73.2	73.4	134.2
„ 18,...	73.4	73.5	72.2	72.3	72.0	71.9	72.5	72.6	71.6	71.4	70.6	70.7	70.9	71.0	71.8	71.8	70.8	70.7	70.8	70.8	71.0	71.3	71.8	71.7	71.6	114.3
„ 19,...	71.0	70.9	70.6	70.6	70.6	70.4	71.9	71.9	72.0	73.8	73.9	74.3	74.4	74.6	75.4	74.5	73.7	73.0	71.8	71.7	71.7	71.8	71.8	71.6	72.4	144.2
„ 20,...	71.4	71.0	70.8	70.8	71.7	71.7	72.6	74.4	75.3	75.6	75.7	74.9	75.0	74.6	74.1	73.9	73.5	73.5	73.3	72.9	72.7	72.8	72.8	73.1	73.3	143.6
„ 21,...	72.9	72.8	72.8	72.3	72.2	72.5	73.5	74.5	74.9	74.8	74.3	74.1	74.7	73.6	74.3	74.1	74.7	74.0	73.8	73.6	73.9	73.8	74.0	73.9	73.7	145.3
„ 22,...	73.8	73.8	73.5	73.6	73.5	73.6	74.5	74.6	75.8	74.8	74.3	75.4	73.8	75.3	76.2	76.3	75.5	75.0	74.8	74.5	74.4	75.0	74.4	74.8	74.6	143.5
„ 23,...	74.6	74.6	74.7	74.8	74.8	75.1	75.8	76.3	75.9	76.6	76.0	76.9	77.0	76.3	76.5	76.6	75.7	75.5	75.5	75.4	75.2	74.9	75.4	74.9	75.6	141.2
„ 24,...	75.2	74.8	74.8	74.4	74.3	74.7	75.8	76.6	76.4	76.8	76.8	76.4	77.2	76.1	77.6	72.8	72.7	75.8	74.8	75.1	74.6	75.0	75.2	75.6	75.4	135.9
„ 25,...	71.8	70.9	70.8	70.7	70.4	70.1	69.6	71.9	72.5	72.6	74.0	73.4	73.3	74.5	72.3	73.8	72.1	70.7	69.9	68.7	68.6	67.8	67.5	67.4	71.1	144.9
„ 26,...	67.3	67.0	67.4	67.1	66.8	66.6	66.8	66.5	66.5	66.5	66.3	66.6	66.8	66.5	66.8	67.3	67.5	67.7	67.8	68.2	68.6	68.5	69.2	69.3	67.3	90.5
„ 27,...	69.4	69.3	69.4	69.6	69.4	69.5	69.4	69.7	70.1	70.8	71.9	72.8	72.0	72.2	71.6	71.1	71.1	72.4	71.9	72.4	72.0	71.6	71.8	72.3	71.0	146.4
„ 28,...	72.3	72.4	72.4	71.7	71.6	72.0	72.9	73.6	73.1	73.3	74.9	75.3	74.8	74.2	74.1	73.9	74.0	73.4	73.3	73.7	74.1	73.3	73.9	73.8	73.4	139.4
„ 29,...	73.2	73.1	73.1	72.9	72.6	72.5	73.1	73.0	73.1	73.8	74.8	75.1	74.0	74.7	74.1	73.6	73.4	73.2	72.8	73.2	73.3	73.3	72.6	72.6	73.4	144.4
„ 30,...	72.5	72.7	72.2	72.0	72.0	71.9	72.9	71.9	73.3	74.2	74.4	73.8	73.9	72.7	71.5	72.3	71.4	71.3	71.6	71.7	71.9	71.9	71.7	72.1	72.4	146.5
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hourly Mean ...	67.1	67.0	66.9	66.9	66.8	66.7	67.4	67.9	68.3	68.8	69.2	69.3	69.2	69.1	69.3	69.0	68.6	68.3	67.9	67.9	67.9	67.7	67.8	67.8	68.0	128.2

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR FOR THE MONTH OF APRIL, 1890.

Hour.	Hourly Mean.		Date.	Daily Mean.	
	Humidity.	Tension.		Humidity.	Tension.
			1890.		
1 a	90	0.650	April 1,.....	86	0.482
2 „	90	.649	„ 2,.....	87	.505
3 „	90	.648	„ 3,.....	89	.517
4 „	90	.648	„ 4,.....	75	.446
5 „	90	.645	„ 5,.....	55	.315
6 „	89	.640	„ 6,.....	59	.359
7 „	87	.651	„ 7,.....	53	.341
8 „	83	.650	„ 8,.....	70	.492
9 „	81	.651	„ 9,.....	85	.633
10 „	80	.660	„ 10,.....	93	.708
11 „	76	.662	„ 11,.....	90	.737
Noon.	76	.662	„ 12,.....	94	.659
1 p	76	.660	„ 13,.....	90	.547
2 „	74	.653	„ 14,.....	92	.650
3 „	75	.661	„ 15,.....	90	.766
4 „	79	.663	„ 16,.....	93	.777
5 „	82	.663	„ 17,.....	88	.791
6 „	84	.663	„ 18,.....	95	.763
7 „	85	.658	„ 19,.....	92	.774
8 „	88	.664	„ 20,.....	90	.793
9 „	88	.664	„ 21,.....	91	.807
10 „	88	.659	„ 22,.....	79	.795
11 „	88	.663	„ 23,.....	80	.826
Midt.	89	.666	„ 24,.....	82	.829
			„ 25,.....	87	.725
			„ 26,.....	90	.642
			„ 27,.....	89	.729
			„ 28,.....	87	.787
			„ 29,.....	82	.770
			„ 30,.....	75	.722
			...	...	...
Mean,.....	84	0.656	Mean.	84	0.656

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.
1890.														
April 1,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 2,.....	...	...	...	...	...	...	0.1	...	...	...	...	...	...	0.1
„ 3,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 4,.....	...	...	...	...	...	...	...	...	0.6	1.0	1.0	0.5	...	3.1
„ 5,.....	...	0.2	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	...	9.8
„ 6, ...	...	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	...	10.8
„ 7,.....	...	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	10.5
„ 8,.....	...	...	0.6	0.4	0.4	...	...	0.6	0.2	0.1	...	...	...	2.3
„ 9,.....	...	...	0.1	0.3	0.2	1.0	0.8	0.8	0.1	...	...	...	...	3.3
„ 10,.....	...	...	0.4	0.4	0.4	0.5	0.3	0.6	0.4	0.6	0.8	0.6	...	5.0
„ 11,.....	...	0.1	0.9	1.0	1.0	1.0	1.0	1.0	0.7	0.4	1.0	0.9	...	9.0
„ 12,.....	...	0.4	0.9	1.0	0.8	0.5	0.8	0.1	...	...	...	...	...	4.5
„ 13,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 14,.....	...	...	...	0.5	0.5	0.6	0.4	0.1	0.1	0.1	...	...	...	2.3
„ 15,.....	...	...	0.2	0.5	0.3	0.4	0.7	1.0	0.9	0.9	1.0	0.2	...	6.1
„ 16,.....	...	...	...	...	...	0.1	0.1	0.1	0.1	0.6	...	...	...	1.0
„ 17,.....	...	...	...	0.7	0.9	0.1	0.1	0.6	0.7	0.9	0.4	...	...	4.4
„ 18,.....	...	0.2	0.2	...	...	...	...	...	...	0.1	...	...	...	0.5
„ 19,.....	...	0.1	0.1	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	8.7
„ 20,.....	...	0.2	1.0	1.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	...	10.0
„ 21,.....	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	10.7
„ 22,.....	...	0.6	0.8	1.0	0.7	0.9	1.0	1.0	1.0	1.0	1.0	0.3	...	9.3
„ 23,.....	...	0.2	0.8	0.6	0.7	0.8	0.9	0.6	0.9	0.9	0.9	0.5	...	7.8
„ 24,.....	...	0.9	1.0	0.8	0.1	0.3	0.1	0.8	0.9	0.3	...	0.4	...	5.6
„ 25,.....	...	0.1	1.0	1.0	1.0	0.6	0.8	1.0	1.0	0.7	0.6	...	...	7.8
„ 26,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 27,.....	...	...	...	0.1	0.4	0.4	0.7	0.8	0.9	0.2	1.0	1.0	0.3	5.8
„ 28,.....	0.1	1.0	0.9	1.0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	10.4
„ 29,.....	...	0.2	0.3	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	9.2
„ 30,.....	...	0.2	0.4	...	0.4	0.7	0.1	...	0.1	...	0.1	...	...	2.0
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,.....	0.1	6.7	13.5	15.0	14.8	15.9	15.9	17.1	16.6	15.8	15.8	11.6	1.2	160.0

TABLE VI.

RAINFALL FOR THE MONTH OF APRIL, 1890.

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.	Victoria Peak.
April 1,.....	...	...	...	...	...	...	0.005	...	0.015	0.120	* 0.040	* 0.025	* 0.100	* 0.080	* 0.070	* 0.020	* 0.050	...	...	...	...	...	...	...	0.525	8	0.65
„ 2,.....	...	...	...	...	...	...	...	* 0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	1	...
„ 3,.....	...	...	...	...	...	...	...	...	...	...	...	...	0.090	0.010	...	...	...	...	...	...	...	...	...	...	0.100	2	...
„ 4,.....	...	...	...	0.005	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.010	1	...
„ 5,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 6,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 7,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 8,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 9,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 10,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 11,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 12,.....	...	...	...	...	...	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	5	0.32
„ 13,.....	...	...	...	...	...	...	...	...	...	0.025	...	...	...	0.155	0.025	...	...	...	...	...	...	0.005	0.005	0.015	0.230	5	0.35
„ 14,.....	0.085	0.065	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.150	2	...
„ 15,.....	...	...	...	...	...	...	...	...	...	0.015	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.015	0	...
„ 16,.....	...	...	...	0.005	0.005	...	...	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.015	0	...
„ 17,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.010	...	0.005	0.015	3	...
„ 18,.....	...	...	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	5	...
„ 19,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 20,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 21,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 22,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 23,.....	...	...	...	...	...	...	...	...	0.040	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.040	1	...
„ 24,.....	...	...	...	...	...	...	...	...	...	...	...	0.160	...	...	0.010	0.005	...	...	...	...	...	...	...	...	0.175	2	1.26
„ 25,.....	0.210	...	0.130	0.005	0.120	0.060	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.010	0.535	4	0.16
„ 26,.....	...	0.040	...	...	...	...	...	...	...	0.070	...	...	0.015	...	...	...	...	...	...	...	...	...	...	...	0.125	1	...
„ 27,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 28,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 29,.....	...	...	...	...	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	0	...
„ 30,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums, ...	0.295	0.105	0.130	0.020	0.130	0.065	0.010	0.005	0.060	0.230	0.040	0.185	0.205	0.245	0.105	0.025	0.050	...	...	...	...	0.015	0.005	0.030	1.955	40	27.4

* Estimated from total (Clock stopped.)

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND FOR THE MONTH OF APRIL, 1890.

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,	6	22	7	29	7	28	7	25	6	28	8	32	7	28	7	30	7	27	7	29	8	32	7	26	6	24	7	28	7	32	7	24	8	24	8	30	7	34	7	32	7	31	7	33	7	31	7	31	690	28.7	7
„ 2,	7	30	7	32	8	30	8	32	8	26	8	31	8	28	8	31	7	30	8	28	8	29	8	21	8	26	8	26	8	23	7	20	7	19	7	22	7	20	7	26	7	23	7	25	7	22	7	22	622	25.9	8
„ 3,	7	25	7	27	6	23	6	21	7	20	7	19	6	18	7	23	7	15	8	13	8	11	8	5	9	5	8	3	9	3	9	8	9	7	9	15	8	14	8	12	9	11	9	10	10	8	9	12	328	13.7	7
„ 4,	9	11	9	8	8	6	10	11	9	11	6	10	6	8	6	6	6	3	6	2	4	5	32	9	32	6	32	8	30	7	30	10	32	14	32	14	32	16	32	12	2	14	1	16	1	15	2	13	235	9.8	3
„ 5,	32	12	2	15	2	14	2	16	1	18	1	16	2	10	2	14	1	22	1	19	30	6	15	5	22	5	24	8	24	9	5	4	28	5	29	4	18	4	13	3	10	3	10	2	10	3	10	2	219	9.1	1
„ 6,	10	2	...	0	10	2	...	1	11	2	...	1	...	0	10	5	...	1	10	4	23	7	24	6	8	6	9	16	9	19	8	17	8	20	8	16	8	9	8	10	7	11	9	11	9	14	9	7	187	7.8	9
„ 7,	10	2	10	5	8	11	8	17	8	16	8	16	9	19	8	17	8	18	8	21	8	27	8	23	9	25	8	20	8	21	8	23	8	21	8	17	8	13	9	12	11	9	11	10	10	8	10	10	381	15.9	8
„ 8,	10	10	10	7	10	2	10	9	10	10	11	4	11	5	10	6	10	6	9	12	9	12	9	9	9	12	9	13	8	12	9	15	9	5	9	6	9	5	9	8	9	7	9	7	9	9	9	10	201	8.4	9
„ 9,	9	10	9	8	9	7	9	9	10	6	10	5	8	6	9	12	10	8	10	13	9	14	9	17	9	19	9	18	9	18	8	17	8	17	8	13	8	17	8	15	8	14	8	13	8	13	8	15	304	12.7	9
„ 10,	8	14	8	9	9	9	8	9	8	9	8	11	8	13	8	12	8	13	8	10	8	8	9	14	8	11	8	13	8	9	8	10	8	10	8	11	8	16	8	12	8	12	8	10	8	6	8	6	257	10.7	8
„ 11,	8	2	8	2	...	0	...	0	...	0	8	6	8	9	8	7	8	9	8	10	...	1	8	6	8	10	8	4	27	4	27	5	28	6	31	3	31	2	31	5	31	4	31	3	...	0	...	1	99	4.1	6
„ 12,	31	2	...	0	...	1	...	1	31	2	2	4	2	2	30	6	27	7	27	7	27	6	8	13	7	28	8	33	8	29	7	28	7	32	7	31	7	31	6	36	7	35	7	35	7	29	6	28	426	17.8	7
„ 13,	6	35	6	30	7	32	6	34	7	34	7	32	7	31	7	29	7	29	7	27	8	27	8	27	8	27	8	28	8	28	8	23	8	24	8	24	8	22	8	26	8	24	8	28	8	24	10	25	670	27.9	7
„ 14,	7	25	8	26	8	23	8	26	9	25	8	25	8	23	8	24	8	24	8	24	7	26	7	24	8	26	8	27	7	20	8	23	7	23	7	19	8	20	8	20	7	18	7	15	7	15	8	19	540	22.5	8
„ 15,	7	16	5	11	6	10	7	8	6	8	6	10	6	6	6	9	6	8	6	7	26	6	26	7	19	14	20	14	23	11	20	14	17	9	17	3	29	4	27	7	28	4	...	0	...	0	28	2	188	7.8	7
„ 16,	28	2	...	1	28	2	28	2	2	4	...	1	7	4	7	9	6	7	6	6	8	7	8	5	10	3	16	9	16	10	16	8	15	5	15	5	13	3	15	4	10	3	6	5	6	2	6	4	111	4.6	10
„ 17,	7	3	7	4	7	6	7	5	7	5	7	5	5	8	6	8	7	12	10	11	15	14	14	13	15	16	14	19	14	14	8	13	12	10	9	8	13	7	7	5	6	8	12	16	11	10	11	11	231	9.6	11
„ 18,	12	16	12	18	9	11	10	15	8	18	8	16	9	19	8	24	8	20	8	20	8	20	8	16	8	23	8	21	9	20	9	20	9	19	9	20	8	15	9	16	8	15	9	16	8	15	8	21	434	18.1	9
„ 19,	8	15	8	17	8	17	8	14	8	16	7	10	8	11	10	13	10	11	10	13	9	16	8	15	8	16	8	16	8	18	8	19	8	18	8	20	8	17	8	15	8	10	8	13	9	15	9	12	357	14.9	8
„ 20,	8	12	9	7	8	5	8	5	11	8	11	7	11	4	10	5	8	9	8	11	8	17	8	15	8	17	8	17	8	14	8	12	8	17	8	17	8	12	8	13	8	14	8	8	7	4	7	4	254	10.6	8
„ 21,	7	3	7	9	7	4	7	7	7	7	8	8	8	6	8	8	8	12	7	12	9	14	9	10	8	10	8	16	8	17	7	15	8	12	8	14	8	12	8	10	8	7	8	7	8	7	8	5	232	9.7	8
„ 22,	8	4	8	3	8	4	8	4	8	3	8	6	8	3	16	9	16	10	15	11	19	8	19	4	21	9	20	10	17	8	16	10	16	7	15	6	15	5	9	4	9	4	16	12	15	12	15	8	164	6.8	15
„ 23,	16	6	17	10	15	12	15	10	16	10	16	9	15	6	16	6	16	13	17	12	18	12	17	8	16	8	17	11	17	11	15	14	16	14	16	9	15	10	14	10	15	8	12	8	15	10	15	10	237	9.9	16
„ 24,	15	8	15	4	14	5	14	7	15	9	13	10	15	12	15	10	16	14	16	8	17	13	19	12	18	12	20	10	24	14	29	10	14	6	16	7	10	2	11	2	11	5	8	5	8	6	6	4	195	8.1	16
„ 25,	31	9	14	5	30	4	24	10	24	11	4	11	9	13	9	10	8	9	8	15	9	14	9	12	8	15	8	19	8	20	7	25	7	27	7	27	7	27	7	25	7	30	7	32	7	35	7	35	440	18.3	7
„ 26,	7	33	7	37	7	34	7	32	7	37	7	34	7	33	7	35	7	33	7	32	7	33	7	27	7	23	7	21	7	23	7	20	8	23	8	23	8	24	7	21	8	19	8	18	7	18	7	19	652	27.2	7
„ 27,	7	20	8	20	8	19	8	19	8	20	8	15	8	18	6	17	7	23	6	22	8	24	8	18	8	18	9	16	9	20	9	23	9	19	9	13	9	13	9	14	8	12	8	11	9	10	8	9	413	17.2	8
„ 28,	8	7	8	6	8	5	8	4	8	8	8	8	8	16	8	15	8	18	8	21	8	18	8	15	9	18	9	19	9	22	9	16	7	19	8	18	7	15	6	16	7	17	8	16	7	15	7	13	345	14.4	8
„ 29,	7	14	8	16	9	10	8	9	6	15	7	14	7	18	7	18	7	20	7	21	7	20	8	21	8	19	8	19	8	18	8	16	7	16	8	16	6	13	7	10	7	8	8	11	7	14	6	11	367	15.3	7
„ 30,	6	11	7	9	7	3	...	0	...	0	...	1	...	1	7	5	8	14	9	7	8	13	9	16	8	17	7	18	7	26	7	23	7	22	7	22	7	20	8	17	8	18	7	25	7	26	7	22	336	14.0	7
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	...	381	...	375	...	339	...	362	...	386	...	377	...	378	...	423	...	445	...	448	...	460	...	419	...	468	...	500	...	500	...	485	...	470	...	453	...	422	...	418	...	398	...	421	...	396	...	391	10115	421.5	...
Hourly Means,	...	12.7	...	12.5	...	11.3	...	12.1	...	12.9	...	12.6	...	12.6	...	14.1	...	14.8	...	14.9	...	15.3	...	14.0	...	15.6	...	16.7	...	16.7	...	16.2	...	15.7	...	15.1	...	14.1	...	13.9	...	13.3	...	14.0	...	13.2	...	13.0	337.2	14.1	...

TABLE VIII.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR APRIL, 1890.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N-S	+E-W	
1 a.	2.89	11.01	1.15	0.10	+1.74	+10.91	E 9° N
2 „	2.00	11.13	1.39	0.07	0.61	11.06	E 3° N
3 „	1.77	10.21	0.82	0.10	0.95	10.11	E 5° N
4 „	1.72	10.67	1.07	0.37	0.65	10.30	E 4° N
5 „	2.10	10.99	1.27	0.37	0.83	10.62	E 4° N
6 „	1.97	11.17	0.82	0.00	1.15	11.17	E 6° N
7 „	1.74	11.50	1.13	0.00	0.61	11.50	E 3° N
8 „	2.17	12.55	1.33	0.07	0.84	12.48	E 4° N
9 „	2.37	12.43	1.53	0.20	0.84	12.23	E 4° N
10 „	2.03	12.93	1.67	0.27	+0.36	12.66	E 2° N
11 „	1.00	12.87	1.97	1.08	−0.97	11.79	E 5° S
Noon.	0.90	11.97	1.77	0.77	0.87	11.20	E 4° S
1 p.	0.87	13.31	2.35	0.80	1.48	12.51	E 7° S
2 „	0.73	13.92	2.63	1.13	1.90	12.79	E 8° S
3 „	0.93	13.89	2.17	1.47	1.24	12.42	E 6° S
4 „	1.78	13.81	1.97	0.80	0.19	13.01	E 1° S
5 „	1.73	13.42	1.83	0.30	−0.10	13.12	E
6 „	1.43	13.40	1.43	0.13	0.00	13.27	E
7 „	1.85	12.53	1.07	0.13	+0.78	12.40	E 4° N
8 „	2.10	12.55	0.90	0.23	1.20	12.32	E 6° N
9 „	1.93	12.29	0.73	0.13	1.20	12.16	E 6° N
10 „	1.80	12.65	1.47	0.03	0.33	12.62	E 1° N
11 „	1.93	11.95	1.50	0.00	0.43	11.95	E 2° N
Midt.	1.99	11.87	1.50	0.03	+0.49	+11.84	E 2° N
Mean,.....	1.74	12.29	1.48	0.36	+0.26	+11.94	E 1° N

TABLE IX.

VICTORIA PEAK.

Date.	Barometer.			Temperature.					Wind.					
	10 a.	4 p.	10 p.	10 a.	4 p.	10 p.	Max.	Min.	10 a.		4 p.		10 p.	
									Direction.	Force.	Direction.	Force.	Direction.	Force.
1890.														
Apl. 1	28.05	28.00	28.04	56	57	57	59	56	E	5	ESE	5	ESE	4
„ 2	.15	.11	.12	57	58	57	59	56	E	5	E	5	E	4
„ 3	.20	.21	.19	56	57	55	58	55	E	4	E	4	E	4
„ 4	.20	.18	.21	57	59	55	59	55	NE	4	N	5	N	5
„ 5	.21	.21	.20	53	61	58	61	50	NE	4	NE	2	N	3
„ 6	.26	.22	.24	61	65	59	66	55	NE	1	NE	2	E	4
„ 7	.29	.24	.26	61	62	62	65	57	E	5	E	4	E	3
„ 8	.27	.19	.22	64	67	64	68	61	E	3	E	4	ESE	3
„ 9	.22	.15	.18	67	69	67	69	64	SE	3	SE	2	SE	2
„ 10	.21	.12	.15	69	71	70	72	67	SE	3	S	4	S	3
„ 11	.17	.09	.14	70	70	67	74	67	S	2	S	3	S	3
„ 12	.21	.10	.09	71	65	62	73	62	WSW	2	E	4	E	5
„ 13	.12	.04	.04	60	64	65	72	60	E	5	E	6	SE	5
„ 14	.11	.05	.08	68	70	70	72	65	SE	4	S	4	S	4
„ 15	.10	.07	.08	71	71	70	72	70	SW	5	S	5	S	4
„ 16	.08	.04	.05	72	71	70	72	70	S	4	S	3	S	4
„ 17	.08	.02	.02	71	72	70	73	69	S	4	S	4	S	5
„ 18	.08	.07	.13	71	71	71	71	69	S	5	SE	4	SE	4
„ 19	.16	.17	.15	72	73	72	74	71	ESE	3	E	2	E	3
„ 20	.18	.08	.06	73	72	72	75	70	SE	2	SE	1	E	2
„ 21	.10	.03	.05	72	74	72	76	69	SE	2	SE	3	SE	4
„ 22	.07	.00	.02	72	73	72	74	71	S	4	S	4	S	4
„ 23	.01	27.95	27.97	73	74	72	74	72	S	5	S	5	S	5
„ 24	.01	.95	.94	73	73	72	74	72	SW	5	S	4	S	4
„ 25	.05	28.03	28.03	73	72	71	76	64	NE	2	E	4	E	4
„ 26	.07	.04	.09	65	66	65	74	64	E	4	SE	4	SE	4
„ 27	.07	.06	.06	70	71	69	72	65	E	4	E	4	E	3
„ 28	.10	.06	.08	71	74	71	74	69	ESE	4	E	4	E	4
„ 29	.12	.05	.06	72	74	72	74	69	E	4	E	4	E	4
„ 30	.09	.02	27.99	72	74	70	75	70	E	4	E	4	E	5
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mean,	28.135	28.085	28.098	67.1	68.3	66.7	70.2	64.5	E 32° S	3.7	E 31° S	3.8	E 35° S	3.8

TABLE X.

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
1890.												
April 1, ...	10	cum.	SE	10	cum-nim.	...	10	cum-nim.	E	10	nim.	SSE
„ 2, ...	10	str.	...	10	str.	...	10	cum-nim.	E	10	str-cum.	E
„ 3, ...	10	str-cum.	E	10	str-cum.	E	10	str-cum.	NE	10	str-cum.	E
„ 4, ...	10	cum-nim.	E	10	cum.	...	10	str-cum.	E	10	str-cum.	N
„ 5, ...	0	...	...	1	sm-cum.	...	5	cum.	...	0	...	...
„ 6, ...	0	...	...	0	...	...	8	c-str.	W	4	c-str.	WNW
„ 7, ...	0	...	...	0	...	...	0	...	...	1	c-str.	W
„ 8, ...	0	...	...	8	sm-cum.	WSW	9	c-str.	W	8	c-str.	W
„ 9, ...	10	cum.	SW	10	str-cum.	SW	10	sm-cum.	WSW	10	sm-cum. / cum.	WSW / E
„ 10, ...	10	cum-nim.	...	10	str-cum.	SE	10	fog.	E	10	cum.	E
„ 11, ...	10	cum.	...	10	sm-cum.	...	9	cum.	E	3	cum.	WSW
„ 12, ...	0	...	...	4	sm-cum.	W	2	c-cum.	W	9	c-cum. / cum.	W / E
„ 13, ...	10	cum-nim.	...	10	cum-nim.	...	10	str-cum.	E	10	nim.	E
„ 14, ...	10	nim.	...	10	nim.	...	10	str.	E	9	c-cum. / cum.	W / SSW
„ 15, ...	10	cum-nim.	...	10	cum-nim.	...	10	cum.	S	10	cum.	S
„ 16, ...	0	...	...	0	...	...	9	cum.	SSW	10	cum.	SSW
„ 17, ...	9	cum.	S	9	cum.	...	10	sm-cum. / cum.	S	9	c-cum. / cum.	W / S
„ 18, ...	10	nim.	...	10	nim.	...	9	c-str. / sm-cum. / cum.	NNW / .. / ESE	10	cum.	S
„ 19, ...	10	cum-nim.	...	10	cum-nim.	...	9	cum.	E	3	cum.	E
„ 20, ...	10	str-cum.	...	5	cum.	...	3	cum.	S	6	cum.	E
„ 21, ...	4	cum.	...	0	...	...	1	cum.	S	5	cum.	SSW
„ 22, ...	1	cum.	...	1	cum.	...	9	cum.	S	9	cum.	SW
„ 23, ...	7	str-cum.	S	6	cum.	S	10	c-str. / cum.	N / S	10	cum.	S
„ 24, ...	8	cum.	S	7	cum.	S	9	c-cum. / cum.	S	10	cum.	S
„ 25, ...	10	nim.	...	10	nim.	...	9	str-cum.	...	9	c-str. / sm-cum.	N / ..
„ 26, ...	10	cum-nim.	...	10	cum-nim.	...	10	nim.	E	10	nim.	E
„ 27, ...	10	str-cum.	...	10	cum-nim.	...	10	str.	E	10	sm-cum. / str-cum.	SE
„ 28, ...	8	cum.	SE	0	...	...	1	cum.	S	8	cum.	E
„ 29, ...	10	cum.	SE	10	cum.	...	10	str-cum.	E	9	cum.	E
„ 30, ...	9	cum.	SE	2	str-cum.	ESE	9	cum.	E	10	str-cum.	E
.....	...	...	...	...	...	...	...	...	...	...	...	...
Mean,...	7.2	...	...	6.8	...	...	8.0	...	...	8.1	...	...

TABLE X,—*Continued.*

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 p.			4 p.			7 p.			10 p.			Daily and Monthly Means.
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	
1890.													
April 1,...	10	nim.	E	10	R-cum.	E	10	cum-nim.	E	10	str.	ESE	10.0
„ 2,...	10	str-cum.	ENE	10	cum-nim.	E	10	cum-nim.	E	10	cum-nim.	E	10.0
„ 3,...	10	nim.	...	10	str-cum.	E	10	cum-nim.	E	10	cum-nim.	E	10.0
„ 4,...	10	cum.	N	7	c-str. / cum.	W / N	5	c-str. / cum.	W / N	1	c-str. / cum.	W / N	7.9
„ 5,...	0	...	...	0	...	...	0	...	...	0	...	...	0.8
„ 6,...	3	c-str.	WNW	5	c-cum.	W	0	...	...	0	...	...	2.5
„ 7,...	4	c-str.	W	5	c-str. / c-cum.	W / W	4	c-cum. / str.	WSW / E	6	c-str. / c-cum.	W	2.5
„ 8,...	10	c-str. / sm-cum.	...	10	c-str.	...	9	c-str. / sm-cum.	WSW	10	c-str. / sm-cum.	WSW	8.0
„ 9,...	8	c-cum. / sm-cum / cum.	W / WSW / E	10	sm-cum. / cum.	WSW / S	9	sm-cum. / cum.	WSW / S	10	c-str. / cum.	SSE	9.6
„ 10,...	8	cum.	S	4	sm-cum. / cum.	WSW / S	1	cum.	S	10	fog.	E	7.9
„ 11,...	4	c-str. / cum.	W	2	c-str. / cum.	NW / W	1	c-str. / cum.	NW / W	0	...	...	4.9
„ 12,...	10	str.	E	10	str.	E	10	nim.	E	10	nim.	...	6.9
„ 13,...	10	nim.	E	10	nim.	E	10	cum-nim.	E	10	nim.	...	10.0
„ 14,...	9	c-cum. / cum.	W / SSW	10	cum.	S	10	cum-nim.	S	9	cum-nim.	S	9.6
„ 15,...	9	c-str. / cum.	N / WSW	3	c-str. / cum.	W / WSW	1	cum.	WSW	0	...	...	6.6
„ 16,...	10	cum.	SSW	10	c-str. / cum.	W / SSW	8	c-str. / sm-cum. / cum.	WSW / W / SSW	6	c-str. / cum.	SSW	6.6
„ 17,...	9	c-cum. / cum.	W / S	7	c-cum. / cum.	S	7	cum.	SSW	10	nim.	S	8.7
„ 18,...	10	str.	...	10	str.	E	10	fog.	E	1	cum.	...	8.8
„ 19,...	3	cum.	SSE	1	cum.	...	0	...	...	0	...	...	4.5
„ 20,...	2	c-str. / cum.	E	5	c-str. / cum.	NW / SE	0	...	...	1	cum.	ESE	4.0
„ 21,...	2	cum.	W	0	...	...	0	...	...	1	cum.	S	1.6
„ 22,...	8	cum.	E	7	c-str. / c-cum. / cum.	SSW / SSW / SW	10	cum.	SW	5	cum.	SSW	6.3
„ 23,...	10	cum.	W	8	c-str. / sm-cum. / cum.	WSW / SW / SSW	3	cum.	SSW	1	cum.	SSW	6.9
„ 24,...	10	c-str. / sm-cum. / cum.	N / .. / S	9	c-str. / sm-cum. / cum.	WSW / SW / S	2	c-str. / cum.	S	3	c-str. / cum.	S	7.3
„ 25,...	4	sm-cum.	W	8	sm-cum. / cum. / cum.	S / E	10	str.	...	10	cum-nim.	...	8.7
„ 26,...	10	nim.	E	10	nim.	E	10	cum-nim.	ESE	10	str.	...	10.0
„ 27,...	9	c-str. / sm-cum. / cum.	SE	5	c-cum. / cum.	W / ESE	0	...	...	1	c-str. / cum.	S / ESE	6.9
„ 28,...	1	cum.	E	1	cum.	E	7	cum.	ESE	7	cum.	ESE	4.1
„ 29,...	1	cum.	E	0	...	...	1	cum.	ESE	7	cum.	ESE	6.0
„ 30,...	9	str-cum.	E	9	sm-cum. / cum.	E / SSE	7	c-str. / cum.	ESE / SSE	10	sm-cum. / cum.	ESE / E	8.1
.....	...	...	...	...	...	...	...	...	...	...	...	...	...
Mean,...	7.1	...	...	6.5	...	...	5.5	...	...	5.6	...	...	6.9

TABLE I.

BAROMETRIC PRESSURE FOR THE MONTH OF MAY, 1890.

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,...	29.754	29.732	29.713	29.719	29.717	29.732	29.755	29.774	29.777	29.781	29.775	29.755	29.732	29.710	29.694	29.679	29.688	29.706	29.706	29.732	29.744	29.761	29.756	29.750	29.735
„ 2,...	.733	.707	.684	.692	.689	.697	.706	.712	.714	.728	.716	.703	.682	.649	.631	.613	.612	.624	.622	.636	.661	.670	.655	.636	.674
„ 3,...	.633	.609	.602	.607	.615	.630	.654	.660	.668	.669	.659	.641	.614	.599	.589	.584	.589	.606	.620	.641	.669	.696	.709	.719	.637
„ 4,...	.716	.714	.713	.718	.726	.743	.757	.779	.800	.808	.799	.786	.763	.742	.726	.718	.722	.739	.747	.766	.775	.792	.798	.801	.756
„ 5,...	.800	.789	.775	.786	.788	.795	.801	.815	.818	.829	.826	.802	.786	.766	.748	.735	.732	.748	.746	.771	.785	.798	.801	.786	.784
„ 6,...	.768	.760	.755	.756	.754	.773	.790	.800	.795	.797	.784	.778	.754	.731	.723	.713	.714	.713	.719	.739	.748	.766	.771	.766	.757
„ 7,...	.760	.748	.735	.743	.747	.765	.784	.799	.811	.811	.810	.795	.771	.762	.742	.730	.714	.731	.742	.768	.779	.788	.782	.767	.766
„ 8,...	.760	.745	.730	.726	.717	.729	.754	.772	.793	.784	.771	.749	.726	.713	.699	.688	.677	.674	.688	.702	.715	.712	.708	.693	.726
„ 9,...	.682	.665	.645	.644	.645	.653	.671	.685	.696	.697	.696	.684	.646	.638	.618	.604	.600	.613	.617	.643	.657	.667	.669	.659	.654
„ 10,...	.648	.641	.629	.635	.629	.651	.663	.683	.697	.704	.700	.696	.683	.668	.641	.637	.640	.653	.655	.677	.691	.703	.713	.712	.669
„ 11,...	.697	.688	.669	.673	.681	.703	.712	.738	.748	.752	.753	.745	.715	.695	.684	.678	.675	.673	.675	.699	.718	.729	.725	.723	.706
„ 12,...	.724	.718	.716	.720	.723	.743	.770	.777	.773	.782	.776	.766	.742	.722	.708	.693	.693	.707	.722	.747	.770	.790	.797	.786	.744
„ 13,...	.769	.770	.764	.756	.757	.777	.801	.817	.832	.832	.824	.807	.777	.761	.763	.761	.770	.793	.796	.795	.805	.843	.837	.838	.794
„ 14,...	.826	.830	.831	.847	.855	.867	.888	.910	.905	.906	.899	.878	.858	.854	.836	.799	.795	.813	.824	.852	.874	.879	.873	.867	.857
„ 15,...	.850	.839	.833	.817	.825	.843	.850	.866	.876	.874	.868	.848	.809	.791	.764	.747	.727	.730	.735	.734	.754	.757	.772	.772	.803
„ 16,...	.757	.744	.730	.737	.734	.753	.767	.778	.779	.779	.765	.748	.721	.695	.667	.651	.648	.653	.661	.682	.707	.720	.727	.717	.722
„ 17,...	.695	.688	.672	.672	.676	.691	.713	.729	.738	.752	.745	.725	.698	.681	.660	.648	.640	.658	.670	.690	.712	.723	.717	.716	.696
„ 18,...	.704	.703	.694	.693	.705	.723	.749	.767	.780	.783	.774	.758	.734	.708	.694	.689	.705	.733	.740	.756	.773	.787	.789	.781	.738
„ 19,...	.773	.766	.757	.756	.753	.777	.799	.809	.821	.822	.820	.805	.790	.788	.754	.745	.739	.744	.749	.782	.785	.798	.798	.780	.780
„ 20,...	.760	.739	.727	.732	.731	.750	.761	.772	.779	.776	.772	.753	.730	.712	.700	.696	.686	.681	.700	.720	.730	.741	.736	.723	.738
„ 21,...	.710	.697	.685	.679	.673	.672	.691	.702	.718	.716	.744	.716	.714	.670	.622	.626	.620	.631	.639	.655	.663	.672	.675	.672	.678
„ 22,...	.658	.642	.637	.637	.647	.635	.655	.674	.681	.682	.667	.652	.641	.634	.625	.626	.619	.662	.653	.661	.669	.680	.677	.669	.653
„ 23,...	.652	.647	.634	.643	.647	.659	.680	.686	.702	.700	.695	.672	.650	.629	.623	.613	.611	.617	.622	.645	.652	.666	.664	.652	.653
„ 24,...	.641	.644	.648	.641	.645	.647	.668	.682	.690	.693	.681	.672	.657	.643	.639	.628	.642	.648	.655	.663	.688	.696	.702	.684	.662
„ 25,...	.658	.664	.651	.661	.654	.693	.719	.727	.742	.751	.752	.745	.724	.708	.706	.697	.706	.715	.728	.740	.749	.763	.772	.772	.717
„ 26,...	.752	.735	.719	.722	.725	.730	.757	.774	.785	.794	.790	.791	.774	.758	.744	.733	.731	.745	.754	.765	.784	.799	.800	.797	.761
„ 27,...	.785	.768	.758	.751	.745	.760	.785	.800	.810	.810	.810	.799	.783	.769	.750	.739	.737	.742	.740	.763	.778	.788	.786	.767	.772
„ 28,...	.744	.745	.744	.738	.748	.768	.786	.788	.794	.799	.798	.792	.781	.755	.748	.745	.743	.760	.771	.790	.811	.824	.818	.812	.775
„ 29,...	.791	.776	.775	.778	.789	.806	.818	.835	.835	.845	.841	.827	.801	.787	.781	.765	.764	.782	.794	.803	.799	.811	.808	.797	.800
„ 30,...	.783	.764	.750	.758	.755	.769	.781	.790	.796	.801	.779	.767	.745	.720	.713	.693	.679	.692	.693	.708	.726	.721	.718	.703	.742
„ 31,...	.691	.675	.666	.660	.665	.675	.688	.694	.702	.698	.698	.683	.669	.655	.643	.636	.632	.646	.666	.695	.710	.725	.721	.700	.679
Hourly Means, ...	29.731	29.721	29.711	29.713	29.715	29.729	29.748	29.761	29.770	29.773	29.767	29.753	29.731	29.713	29.698	29.687	29.685	29.698	29.705	29.723	29.738	29.750	29.751	29.742	29.730

TABLE II.

TEMPERATURE FOR THE MONTH OF MAY, 1890.

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,	77.3	77.4	77.7	77.0	76.6	75.9	75.7	76.6	76.5	77.8	78.7	79.5	78.8	77.7	77.6	78.1	76.5	75.0	74.0	75.1	75.5	74.8	74.3	73.2	76.6	79.9	72.8
" 2,	73.1	72.7	73.8	74.3	73.8	73.5	74.9	75.2	75.9	76.0	76.5	76.7	77.8	77.4	77.3	77.8	77.5	76.2	75.8	75.7	75.9	76.9	76.9	76.3	75.7	77.8	71.7
" 3,	75.4	75.4	75.4	74.5	74.5	75.6	75.7	77.5	77.9	79.8	82.2	83.7	83.3	79.9	79.4	81.8	79.0	78.1	77.8	78.3	77.1	76.9	76.2	75.7	78.0	86.1	72.6
" 4,	75.8	74.9	74.1	74.6	74.6	74.2	75.8	77.3	77.5	79.8	81.9	82.4	83.7	84.4	83.6	81.8	80.6	80.4	76.2	75.6	75.9	75.6	75.3	75.0	78.0	85.5	72.3
" 5,	74.0	73.9	73.5	73.6	72.7	74.1	76.0	79.2	80.1	79.4	80.2	81.6	80.8	78.8	78.9	77.8	77.0	76.4	76.4	76.3	76.0	75.9	75.9	75.2	76.8	82.6	72.7
" 6,	75.0	74.9	74.3	74.4	74.4	74.3	75.4	77.1	77.6	77.3	78.2	77.3	78.8	77.5	77.8	77.6	77.8	77.2	76.3	76.3	76.0	75.5	75.4	75.9	76.3	79.5	73.5
" 7,	75.9	75.4	75.1	74.5	74.4	74.3	74.7	74.6	73.9	75.6	76.4	78.7	77.6	77.0	76.3	76.6	77.0	76.3	75.6	76.1	76.0	75.8	75.2	75.1	75.8	80.3	72.9
" 8,	75.0	74.9	74.2	73.9	73.5	73.4	72.8	73.8	73.4	74.4	73.6	73.9	74.8	76.0	74.3	73.9	74.3	74.8	75.3	75.3	75.4	75.8	75.3	75.5	74.5	76.6	71.8
" 9,	77.1	77.4	77.6	78.0	78.0	78.3	79.8	80.2	81.3	82.8	82.9	83.5	84.1	82.7	80.6	81.0	81.0	81.0	80.8	81.0	80.2	80.7	80.5	80.8	80.5	85.3	75.0
" 10,	80.7	80.7	80.5	80.5	80.4	80.8	81.4	81.9	81.8	81.9	82.8	83.1	83.6	83.3	83.1	83.1	82.1	81.0	80.9	81.0	81.1	81.0	80.8	77.2	81.4	84.1	77.2
" 11,	73.9	73.5	72.7	72.7	72.6	73.5	73.6	73.5	74.6	76.0	73.7	73.1	73.2	73.8	74.0	73.9	73.4	73.6	73.0	73.1	73.5	73.8	73.6	73.6	73.6	77.2	72.0
" 12,	73.9	73.5	73.4	72.5	73.7	74.0	74.3	74.8	77.1	77.8	76.6	78.4	78.6	78.5	79.6	79.0	80.1	77.9	76.9	76.8	76.8	76.8	76.8	76.4	76.5	82.7	72.8
" 13,	76.4	76.4	76.6	76.5	77.0	77.5	79.0	82.2	82.0	84.8	85.8	86.5	86.6	87.5	86.7	83.9	80.7	79.4	78.7	77.9	78.6	78.3	77.6	76.8	80.6	90.4	75.4
" 14,	76.8	75.3	74.8	74.1	73.9	73.8	73.8	74.2	74.8	75.6	76.6	77.0	76.8	76.5	76.1	75.9	74.8	74.7	74.8	75.0	75.1	75.3	75.7	75.9	75.3	78.9	73.5
" 15,	75.6	75.1	74.4	73.7	72.8	73.0	73.8	74.8	77.1	76.2	77.7	76.9	78.1	77.8	77.3	77.3	76.3	75.6	74.8	74.7	74.7	74.0	73.6	74.0	75.4	78.6	71.9
" 16,	74.3	74.7	74.6	74.7	74.9	75.4	76.7	78.5	80.5	83.8	85.7	86.9	86.8	87.2	87.0	87.6	85.9	82.4	80.0	79.8	80.2	79.3	79.2	79.0	80.6	88.3	73.8
" 17,	78.8	78.8	79.2	79.0	78.5	78.7	80.2	81.8	83.6	85.0	87.8	88.5	88.0	88.8	86.9	88.4	85.9	83.8	81.0	79.9	80.0	80.0	79.5	79.1	82.6	90.7	77.7
" 18,	78.9	78.7	78.6	78.1	78.0	78.0	81.5	82.2	83.1	84.7	85.3	84.5	88.7	85.7	87.4	86.1	85.7	82.1	80.4	80.7	79.9	79.9	80.1	79.7	82.0	90.9	77.1
" 19,	79.3	79.3	79.1	79.0	78.8	78.4	79.0	79.2	79.8	80.9	79.9	81.8	82.0	80.9	81.0	80.1	78.8	78.9	78.9	79.0	79.1	78.9	78.6	78.5	79.5	83.5	78.3
" 20,	78.7	78.8	79.5	79.4	79.2	79.8	81.8	83.8	83.6	85.8	87.0	88.0	86.9	86.5	85.6	85.1	83.2	83.0	81.1	81.6	82.2	81.9	81.4	81.5	82.7	90.3	77.3
" 21,	81.3	81.2	81.6	81.6	81.9	82.4	82.8	82.9	83.7	81.0	78.0	73.5	74.0	74.5	77.0	78.9	79.1	79.0	79.0	79.0	79.8	79.0	79.0	79.0	79.6	83.7	72.4
" 22,	79.2	80.1	80.4	80.6	81.1	81.2	82.7	82.4	82.2	85.0	84.2	86.7	85.3	83.5	82.6	81.8	82.9	72.9	73.9	74.1	75.3	74.9	75.5	75.5	80.2	87.0	71.9
" 23,	75.5	75.1	75.0	74.9	74.9	74.4	74.8	74.9	74.9	74.9	75.1	76.1	76.8	78.6	78.1	78.0	78.9	78.3	77.9	77.7	77.0	76.9	77.1	76.9	76.4	79.3	73.1
" 24,	76.9	77.1	77.1	76.9	76.8	76.9	77.6	78.3	78.5	77.6	78.5	78.4	78.8	79.0	78.8	77.7	78.2	77.9	77.9	77.3	77.9	77.9	77.9	77.1	77.8	79.6	76.3
" 25,	76.7	76.6	75.5	74.7	74.8	74.8	74.8	75.2	74.9	74.9	75.2	75.5	74.9	74.7	75.7	75.1	75.0	74.8	74.9	75.0	75.2	75.9	75.4	75.3	75.2	77.9	74.7
" 26,	75.0	75.0	75.1	74.1	74.1	74.8	74.9	75.0	75.1	74.9	76.0	76.4	76.2	75.8	75.4	75.4	75.2	74.8	74.8	74.7	74.9	74.9	74.8	74.9	75.1	78.2	74.1
" 27,	74.6	74.7	74.5	74.3	74.3	74.2	74.0	73.9	75.2	75.4	76.5	75.0	76.1	76.6	77.2	76.8	75.5	75.5	75.1	75.7	75.1	74.9	74.7	74.8	75.2	78.0	73.1
" 28,	74.7	74.8	74.4	74.7	74.5	74.9	75.6	75.9	77.0	77.9	76.8	78.6	79.0	80.6	80.3	79.6	78.2	75.3	72.0	72.2	72.9	72.0	71.6	71.5	75.6	81.3	71.0
" 29,	71.1	70.9	71.7	72.8	73.2	72.4	73.9	72.9	74.1	71.6	72.3	73.0	73.3	74.1	73.2	73.6	74.7	75.0	75.0	74.9	74.9	75.1	75.0	75.0	73.5	75.3	69.7
" 30,	74.9	74.9	75.0	75.0	74.9	75.3	76.9	77.2	79.9	79.6	80.1	82.5	83.6	82.1	75.2	77.0	77.1	76.7	76.0	76.1	76.9	77.7	77.4	78.1	77.5	84.6	74.5
" 31,	78.6	79.3	78.9	79.4	79.7	80.0	80.7	81.7	82.0	83.6	83.3	84.1	83.8	84.1	83.4	82.9	82.7	82.3	81.8	81.5	80.9	81.2	80.8	80.1	81.5	86.2	77.1
Hourly Means,	76.3	76.2	76.1	76.0	75.9	76.1	76.9	77.7	78.4	79.1	79.5	80.1	80.3	80.0	79.6	79.5	78.9	77.8	77.0	77.0	77.1	77.0	76.8	76.5	77.7	82.6	73.9

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION, FOR THE MONTH OF MAY, 1890.

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,...	72.5	73.4	73.7	73.5	72.8	72.6	72.7	73.2	72.9	73.0	73.6	73.6	73.5	72.7	72.6	72.4	72.3	72.1	71.8	72.3	72.3	71.4	71.1	70.5	72.6	124.1
„ 2,...	70.5	70.5	70.6	70.5	70.6	70.7	70.8	70.9	71.0	71.0	72.1	72.4	72.8	72.9	72.0	71.8	71.5	70.4	70.1	70.0	70.0	70.3	69.8	69.9	71.0	119.0
„ 3,...	69.9	69.7	69.8	69.4	69.2	69.8	70.1	71.5	71.9	71.8	72.6	73.6	73.6	73.2	74.4	75.0	74.1	73.6	73.4	72.8	72.8	72.3	72.1	72.2	72.0	148.1
„ 4,...	69.9	69.5	69.1	68.0	68.3	68.9	69.5	69.8	69.7	71.7	72.7	73.0	73.8	73.9	74.2	73.6	73.2	73.9	72.0	72.7	71.6	72.3	72.0	71.8	71.5	137.5
„ 5,...	71.9	71.7	71.0	70.1	69.9	71.4	71.5	73.0	73.4	72.8	73.1	74.9	74.3	73.5	74.4	73.3	74.4	74.6	73.8	73.8	73.7	73.8	74.0	73.5	73.0	137.1
„ 6,...	73.2	73.5	73.4	73.0	73.0	73.0	73.3	73.8	73.6	73.8	74.0	73.8	74.8	74.2	74.2	74.1	74.3	73.8	74.3	73.8	73.9	73.8	73.7	74.3	73.8	140.0
„ 7,...	74.1	73.9	73.1	72.8	72.8	72.3	72.8	72.8	71.8	72.6	72.7	73.6	72.8	72.7	72.6	72.1	72.4	71.9	71.8	72.4	72.5	72.5	72.0	72.0	72.6	145.3
„ 8,...	72.6	72.5	72.4	72.2	71.7	71.6	71.4	71.8	71.8	72.1	71.9	71.7	72.2	72.8	72.7	73.1	73.0	73.8	73.8	73.9	74.5	74.7	74.2	74.3	72.8	129.6
„ 9,...	75.5	75.3	75.6	75.4	75.8	75.6	76.2	76.3	77.4	78.1	77.7	78.2	78.2	77.4	77.2	76.9	76.8	76.7	77.0	77.3	77.3	77.4	77.1	77.0	76.8	140.2
„ 10,...	76.9	76.8	76.9	76.8	76.9	77.0	77.5	77.9	78.7	77.9	78.8	78.7	78.8	79.0	78.5	78.6	78.5	78.2	77.9	77.7	77.6	77.8	77.7	74.6	77.7	122.6
„ 11,...	72.2	71.7	71.2	71.1	71.2	71.7	71.8	71.9	73.1	74.0	72.8	72.0	72.0	72.4	72.3	72.2	71.8	72.1	72.0	72.2	72.4	72.6	72.3	72.1	72.1	134.9
„ 12,...	72.4	72.1	72.3	72.4	72.3	72.7	73.1	73.5	74.9	75.8	75.0	75.9	76.1	75.9	76.6	76.9	77.5	76.4	75.8	75.8	75.8	75.8	75.8	75.7	74.9	134.8
„ 13,...	75.2	75.3	75.9	75.7	75.9	76.8	77.8	79.1	78.8	79.6	79.6	78.5	78.9	79.0	79.4	79.0	78.0	73.8	74.6	74.5	75.2	75.0	74.8	74.7	76.9	150.6
„ 14,...	74.9	73.7	72.8	72.3	72.0	71.2	70.9	71.7	71.5	71.7	72.0	72.2	70.9	70.7	70.9	70.8	69.7	69.4	68.4	68.1	67.7	65.9	65.7	67.0	70.5	137.5
„ 15,...	66.4	65.4	65.7	65.9	68.2	69.1	68.9	69.1	71.0	70.1	71.5	69.9	70.8	71.4	71.6	71.4	71.6	71.8	71.8	71.8	71.9	71.8	71.8	72.2	70.0	131.9
„ 16,...	72.2	72.3	72.6	72.7	72.8	73.3	74.1	75.0	75.6	76.8	76.8	76.1	77.1	77.9	77.2	76.5	77.4	75.8	75.1	75.6	75.9	76.7	76.7	76.5	75.4	142.3
„ 17,...	76.4	75.9	75.9	76.4	76.9	77.1	77.5	77.7	78.6	77.9	78.8	78.3	77.4	78.6	77.5	78.7	78.2	77.8	76.9	76.8	77.1	77.0	76.8	76.7	77.4	145.8
„ 18,...	76.5	76.2	76.8	76.6	76.6	77.2	78.3	78.5	77.8	78.7	77.7	79.0	78.5	78.1	77.0	78.3	78.2	77.7	78.2	78.1	78.0	78.0	78.0	77.7	77.7	145.7
„ 19,...	77.7	77.7	77.4	76.9	76.9	76.6	76.8	77.3	77.3	77.2	77.1	77.4	78.0	77.8	77.9	77.1	71.9	76.7	76.4	76.6	76.8	77.0	76.9	76.9	76.9	143.7
„ 20,...	77.2	77.3	76.7	76.6	76.4	76.8	77.9	78.3	78.4	79.2	78.4	78.1	78.9	78.1	77.8	77.9	78.7	78.8	78.0	78.3	77.5	77.7	77.6	77.2	77.8	145.4
„ 21,...	77.2	77.5	77.4	77.1	77.5	77.5	78.3	79.3	78.7	78.2	78.7	72.7	73.0	74.2	76.1	77.3	77.8	77.6	77.4	77.8	77.6	77.7	77.0	77.2	77.1	122.2
„ 22,...	77.7	77.5	77.8	77.7	77.7	77.6	78.1	78.8	78.6	80.1	79.6	80.0	79.9	80.5	80.5	79.8	81.0	71.6	71.9	72.0	72.7	72.9	72.7	73.9	77.1	143.5
„ 23,...	73.6	73.3	73.3	73.3	73.4	73.6	73.9	74.2	74.5	74.8	74.7	75.3	74.9	76.3	75.9	75.9	76.8	77.8	76.0	76.4	76.0	76.0	75.9	75.7	75.1	108.5
„ 24,...	75.5	75.6	75.6	75.2	74.3	74.3	74.7	75.1	75.3	74.6	75.0	74.6	74.8	74.9	74.8	74.0	74.1	74.0	74.9	74.6	74.7	74.8	74.8	74.3	74.8	136.9
„ 25,...	74.0	73.9	72.9	72.1	70.3	69.8	69.9	70.1	69.5	68.9	68.7	69.2	68.9	67.8	68.0	67.6	68.2	68.2	68.6	67.9	68.2	69.0	68.7	69.0	69.6	125.5
„ 26,...	68.8	68.7	68.8	68.2	67.5	66.2	66.7	67.3	66.5	67.6	68.4	69.5	69.4	69.6	69.4	69.3	68.9	68.7	69.2	69.3	69.5	69.7	69.7	69.5	68.6	141.0
„ 27,...	70.2	70.5	70.4	70.3	70.7	70.1	69.7	69.0	68.1	68.7	68.4	68.1	68.1	68.0	68.5	68.4	69.1	69.2	69.0	67.0	71.1	70.4	70.0	70.0	69.3	135.8
„ 28,...	69.6	70.0	69.6	69.2	68.7	68.4	68.7	68.8	67.9	68.6	68.0	69.0	69.5	70.8	71.2	71.6	71.4	70.5	70.9	72.2	71.1	71.0	70.7	70.9	69.9	151.9
„ 29,...	69.8	69.1	69.4	69.3	70.1	70.2	70.4	70.9	71.1	70.9	71.0	71.6	71.9	72.2	72.0	72.2	74.0	74.0	73.7	73.8	73.9	74.1	74.0	74.0	71.8	112.4
„ 30,...	73.8	73.9	74.0	74.0	74.0	74.4	75.3	75.7	77.6	77.2	76.9	77.3	77.9	77.3	73.9	75.0	75.6	75.0	74.9	74.9	75.0	75.9	76.0	76.0	75.5	134.9
„ 31,...	76.4	76.4	76.5	76.3	76.3	76.4	76.9	77.2	78.0	78.6	77.9	77.8	77.7	77.9	78.0	77.8	77.8	76.1	76.8	77.1	78.0	77.7	77.2	77.7	77.3	137.9
Hourly Mean ...	73.4	73.3	73.2	72.9	72.9	73.0	73.4	73.9	74.0	74.3	74.4	74.4	74.5	74.6	74.5	74.5	74.5	73.9	73.8	73.8	73.9	74.0	73.8	73.7	73.9	135.7

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR FOR THE MONTH OF MAY, 1890.

Hour.	Hourly Mean.		Date.	Daily Mean.	
	Humidity.	Tension.		Humidity.	Tension.
			1890.		
1 a	86	0.788	May 1,.....	82	0.748
2 „	86	.785	„ 2,.....	78	.697
3 „	86	.783	„ 3,.....	74	.706
4 „	86	.772	„ 4,.....	71	.686
5 „	86	.773	„ 5,.....	83	.762
6 „	86	.775	„ 6,.....	88	.802
7 „	84	.780	„ 7,.....	85	.759
8 „	83	.790	„ 8,.....	92	.785
9 „	80	.784	„ 9,.....	84	.873
10 „	79	.788	„ 10,.....	84	.901
11 „	78	.787	„ 11,.....	93	.769
Noon.	75	.778	„ 12,.....	93	.845
1 p	75	.780	„ 13,.....	84	.876
2 „	76	.788	„ 14,.....	78	.683
3 „	78	.790	„ 15,.....	75	.662
4 „	78	.791	„ 16,.....	77	.811
5 „	80	.799	„ 17,.....	78	.872
6 „	82	.789	„ 18,.....	82	.892
7 „	85	.796	„ 19,.....	89	.891
8 „	85	.796	„ 20,.....	79	.888
9 „	85	.798	„ 21,.....	89	.898
10 „	86	.804	„ 22,.....	87	.891
11 „	86	.798	„ 23,.....	94	.855
Midt.	87	.798	„ 24,.....	86	.823
			„ 25,.....	75	.650
			„ 26,.....	71	.613
			„ 27,.....	72	.639
			„ 28,.....	74	.656
			„ 29,.....	92	.758
			„ 30,.....	91	.857
			„ 31,.....	82	.881
Mean,.....	82	0.788	Mean.	83	0.788

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.
1890.														
May 1,.....	...	...	...	...	...	0.3	...	...	...	...	...	...	...	0.3
„ 2,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 3,.....	0.4	0.3	0.8	1.0	1.0	1.0	0.9	0.9	0.8	0.2	0.6	0.2	...	8.1
„ 4,.....	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	11.9
„ 5,.....	0.2	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.4	0.7	0.3	0.2	...	8.7
„ 6, ...	...	...	0.9	1.0	1.0	0.7	0.2	1.0	0.4	...	0.1	0.1	...	5.4
„ 7,.....	...	...	...	...	1.0	0.5	0.5	0.4	...	...	...	0.3	...	2.7
„ 8,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 9,.....	...	...	...	...	0.4	0.7	0.9	1.0	0.4	...	...	...	...	3.4
„ 10,.....	...	0.1	0.2	0.5	...	...	...	...	...	...	...	...	...	0.8
„ 11,.....	...	...	...	0.5	0.2	...	...	...	...	...	...	...	...	0.7
„ 12,.....	...	...	0.1	0.9	0.9	0.3	0.7	1.0	0.7	0.9	0.9	0.4	0.2	7.0
„ 13,.....	...	0.2	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.8	...	...	...	7.6
„ 14,.....	...	...	...	...	...	0.3	1.0	1.0	0.6	0.9	1.0	0.4	...	5.2
„ 15,.....	...	...	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	...	9.6
„ 16,.....	...	...	0.3	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	9.5
„ 17,.....	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.1	11.3
„ 18,.....	0.1	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	...	11.0
„ 19,.....	...	...	0.1	0.7	0.9	0.9	1.0	1.0	1.0	0.9	0.4	...	...	6.9
„ 20,.....	...	0.5	0.7	1.0	0.9	1.0	1.0	0.5	0.4	...	...	...	...	6.0
„ 21,.....	...	...	...	...	0.1	...	...	...	...	...	...	...	...	0.1
„ 22,.....	...	0.3	0.4	0.1	1.0	0.7	1.0	...	...	...	...	...	...	3.5
„ 23,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 24,.....	...	0.4	0.6	0.1	...	...	0.4	0.7	0.3	...	...	...	...	2.5
„ 25,.....	...	...	...	...	...	...	...	...	...	0.4	0.1	...	...	0.5
„ 26,.....	0.3	0.2	...	...	...	0.6	0.4	...	...	...	...	...	...	1.5
„ 27,.....	...	...	...	0.2	0.3	0.4	0.1	0.3	0.2	0.5	...	...	...	2.0
„ 28,.....	...	0.6	0.7	1.0	1.0	0.9	0.8	0.5	0.9	...	...	...	...	6.4
„ 29,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 30,.....	...	...	...	0.4	0.2	0.7	0.6	0.6	0.1	...	...	...	...	2.6
„ 31,.....	...	...	...	0.1	0.4	0.1	0.1	0.3	0.4	...	0.1	...	...	1.5
Sums,.....	1.7	6.6	10.5	14 2	16.3	16.1	16.6	16.1	12.2	10.3	8.5	6.4	1.2	136.7

TABLE VI.

RAINFALL FOR THE MONTH OF MAY, 1890.

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.	Victoria Peak.
May 1,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.015	0.015	1	0.45
„ 2,.....	0.010	0.010	...	0.005	...	0.015	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.040	4	...
„ 3,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 4,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 5,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 6,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 7,.....	...	...	0.005	0.005	0.005	...	0.005	...	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.025	3	...
„ 8,.....	...	...	...	...	...	...	0.015	0.005	0.015	...	0.025	...	...	...	0.110	...	...	...	...	...	...	0.200	0.160	0.030	0.560	4	0.60
„ 9,.....	...	0.030	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.025	...	...	0.055	2	0.20
„ 10,.....	...	...	...	...	...	...	...	...	0.050	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.050	1	0.35
„ 11,.....	...	0.055	...	0.030	...	...	...	...	0.005	0.010	0.050	0.005	0.005	...	...	...	...	...	...	...	...	...	...	...	0.160	6	...
„ 12,.....	...	0.010	0.010	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.020	1	...
„ 13,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 14,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 15,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 16,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 17,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 18,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 19,.....	...	0.020	...	...	...	0.025	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	0.015	...	0.065	2	...
„ 20,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	...	...	...	...	...	0.005	0	...
„ 21,.....	...	...	...	...	...	...	...	...	...	0.250	1.950	1.600	1.400	0.100	...	...	...	...	...	...	...	...	...	...	5.300	4	4.10
„ 22,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.100	...	0.350	0.010	...	...	...	0.040	0.020	0.520	4	5.10
„ 23,.....	0.280	0.500	0.400	0.500	0.360	0.440	0.400	0.210	0.110	0.260	0.210	...	0.040	...	...	...	...	...	...	...	...	...	...	...	3.710	12	0.32
„ 24,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.030	0.030	0	0.23
„ 25,.....	0.030	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.030	1	...
„ 26,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 27,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 28,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.060	0.115	0.030	0.005	...	...	...	0.210	3	0.26
„ 29,.....	0.005	...	...	0.015	0.015	0.015	0.005	...	0.110	0.120	0.025	0.005	0.010	...	...	...	...	...	...	...	...	...	...	...	0.325	12	...
„ 30,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.050	0.065	...	...	...	...	...	...	...	...	...	0.115	1	...
„ 31,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.60
Sums, ...	0.325	0.625	0.415	0.555	0.380	0.495	0.425	0.215	0.290	0.645	2.260	1.610	1.455	0.150	0.175	0.100	...	0.410	0.130	0.030	0.005	0.230	0.215	0.095	11.235	61	12.21

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND FOR THE MONTH OF MAY, 1890.

Date.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.		7 a.		8 a.		9 a.		10 a.		11 a.		Noon.		1 p.		2 p.		3 p.		4 p.		5 p.		6 p.		7 p.		8 p.		9 p.		10 p.		11 p.		Midt.		Vel.		Dir.
	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Sums.	Means.	Means.
May 1,	8	20	7	25	7	30	7	28	7	30	7	31	7	23	7	23	7	30	7	30	7	30	7	31	6	31	7	32	7	29	6	36	7	38	7	37	7	38	6	35	6	33	6	37	7	38	6	36	751	31.3	7
" 2,	6	25	6	30	5	30	6	27	5	24	6	25	5	25	6	28	6	32	6	28	6	30	6	25	6	27	5	30	6	27	5	30	5	31	5	31	5	32	5	34	4	20	4	13	3	12	5	17	632	26.3	5
" 3,	32	14	32	15	32	13	32	9	32	8	32	10	32	7	31	12	31	14	1	17	32	22	32	16	32	4	22	18	22	13	22	13	22	11	26	14	26	10	28	11	26	13	27	7	22	6	19	3	280	11.7	29
" 4,	19	2	30	4	2	4	30	7	30	2	32	3	32	2	1	4	23	7	25	6	24	9	24	5	28	6	25	6	27	7	26	11	24	6	20	3	...	1	...	1	...	0	19	3	21	3	...	1	103	4.3	26
" 5,	...	1	...	0	21	3	30	3	...	1	...	1	30	4	8	5	8	12	8	18	8	16	8	18	8	18	8	19	8	19	8	16	7	15	8	15	8	14	8	11	9	10	8	11	8	10	8	10	250	10.4	8
" 6,	8	7	8	6	8	8	8	11	9	12	8	12	9	15	9	12	8	16	8	19	8	21	8	16	8	18	8	18	7	14	8	14	8	12	8	10	8	12	8	6	8	10	8	8	8	7	8	7	291	12.1	8
" 7,	8	6	8	4	12	8	12	4	10	8	8	11	8	12	9	15	7	20	8	20	8	21	8	19	8	19	8	19	9	20	10	22	9	22	8	20	10	19	10	17	8	24	8	25	8	25	8	25	405	16.9	9
" 8,	8	21	8	20	7	17	9	15	7	23	6	23	7	25	6	20	7	21	6	23	6	27	7	25	7	21	8	17	8	16	8	17	7	16	7	14	8	21	8	20	8	15	8	11	7	9	10	6	443	18.5	7
" 9,	15	11	16	11	16	10	17	10	16	8	16	9	17	13	17	10	18	15	17	15	19	19	19	19	19	17	20	25	19	26	19	26	18	25	18	25	18	18	18	20	18	15	17	13	17	17	17	15	392	16.3	18
" 10,	16	13	18	13	18	16	19	25	19	23	19	20	19	22	19	21	19	22	19	25	17	22	19	23	19	23	18	19	17	19	16	12	16	8	15	10	15	11	16	13	15	12	15	13	15	10	7	24	419	17.5	18
" 11,	6	30	7	27	7	30	7	27	7	27	8	27	8	31	8	29	8	28	8	30	8	30	8	26	8	23	8	24	8	25	8	25	8	25	8	28	8	25	8	24	8	26	8	25	7	22	8	21	635	26.5	8
" 12,	8	21	8	23	8	20	8	18	8	21	8	19	7	18	8	23	8	20	8	23	7	19	8	20	7	18	8	17	6	12	8	9	4	8	7	10	7	10	6	7	6	11	7	10	7	7	7	8	372	15.5	7
" 13,	7	6	6	6	6	4	6	2	7	1	6	1	7	3	30	4	27	7	24	7	25	11	22	10	24	12	17	6	23	10	20	13	24	12	27	12	24	3	14	9	6	7	29	5	29	2	17	5	158	6.6	24
" 14,	9	9	7	26	7	26	7	25	7	26	7	27	7	28	7	26	7	30	7	27	7	25	7	25	7	25	7	25	7	25	7	25	7	25	7	25	7	25	7	23	7	24	7	25	8	26	9	27	600	25.0	7
" 15,	7	24	7	24	7	27	7	29	6	23	6	22	6	23	7	23	7	23	7	24	10	21	10	18	8	21	9	20	9	23	8	21	8	21	8	16	8	11	8	9	8	8	9	15	8	10	8	5	461	19.2	8
" 16,	8	5	8	6	8	7	8	4	8	6	8	6	8	6	8	3	8	3	27	6	20	11	24	11	23	12	24	10	23	10	22	10	18	9	18	5	18	2	17	3	27	5	27	2	27	4	27	4	150	6.2	21
" 17,	24	3	24	3	24	3	21	5	22	5	22	3	22	7	24	7	26	9	24	8	24	10	23	11	22	13	22	10	20	10	23	8	22	5	19	4	19	4	...	1	...	1	19	4	19	2	19	2	138	5.8	22
" 18,	...	1	...	0	19	3	19	3	19	2	...	0	...	1	...	1	19	3	21	2	24	6	8	8	15	6	10	8	15	13	10	9	14	9	14	10	9	15	9	14	8	15	8	16	10	19	8	19	183	7.6	11
" 19,	8	17	9	16	9	16	9	14	9	16	9	14	8	13	10	15	10	15	8	16	11	19	8	18	8	20	8	21	8	21	8	21	8	20	8	21	8	17	8	16	8	18	8	14	7	10	8	13	401	16.7	8
" 20,	8	14	8	9	12	12	15	13	15	10	15	5	16	7	16	6	16	4	23	6	20	10	19	10	18	10	21	11	19	9	20	8	18	6	18	5	18	6	19	7	19	7	19	3	19	2	19	3	183	7.6	17
" 21,	20	4	20	5	20	8	19	8	19	14	19	13	20	10	20	9	19	10	18	11	28	14	32	21	18	13	28	5	28	7	27	9	28	3	28	3	28	2	28	2	4	4	7	7	8	5	8	3	189	7.9	22
" 22,	5	2	20	4	20	6	19	9	17	8	18	3	18	6	19	8	20	9	20	7	18	10	17	15	19	21	20	20	21	11	22	4	22	3	27	19	25	7	25	4	18	4	...	1	18	4	18	4	189	7.9	20
" 23,	13	7	2	6	7	8	3	9	3	5	11	8	8	13	8	10	8	7	6	8	13	7	7	4	7	7	7	3	7	2	28	7	17	6	22	5	22	9	24	4	28	2	19	2	19	5	14	3	147	6.1	9
" 24,	8	11	9	6	9	7	9	12	9	11	8	17	8	16	7	15	8	16	9	15	9	22	9	24	9	23	9	25	8	18	8	21	9	16	9	14	9	12	8	13	10	11	8	13	8	14	7	14	366	15.2	8
" 25,	7	20	8	19	6	27	6	35	6	38	6	33	6	35	7	38	6	37	6	38	7	36	7	36	7	34	7	40	7	32	6	28	8	27	8	23	8	23	8	27	8	26	8	27	8	28	8	31	738	30.8	7
" 26,	8	30	7	30	7	30	7	31	7	33	6	41	6	40	7	38	7	37	7	32	7	33	8	31	8	31	7	27	7	24	8	27	8	22	7	21	7	18	7	20	7	20	7	20	7	26	7	24	686	28.6	7
" 27,	8	23	7	22	7	27	7	28	7	29	7	30	7	30	6	30	7	27	7	29	7	28	7	27	7	26	6	25	7	23	7	23	7	22	7	23	7	24	7	29	7	23	6	19	7	20	6	22	609	25.4	7
" 28,	6	24	7	31	7	24	6	19	7	22	7	25	7	23	7	22	7	26	7	27	7	28	8	30	7	25	8	16	8	16	10	17	9	18	9	26	8	20	7	22	7	22	7	27	7	23	7	21	554	23.1	7
" 29,	8	22	7	24	7	19	5	25	6	25	7	23	7	22	7	23	8	26	8	25	7	25	7	22	7	23	8	25	7	23	7	23	7	20	7	20	8	18	7	17	7	18	7	17	6	12	7	13	510	21.2	7
" 30,	8	11	8	12	8	11	8	11	8	12	8	8	8	8	8	8	8	10	8	9	8	10	10	6	16	10	16	15	23	6	31	4	30	5	30	4	30	2	30	3	32	3	32	4	11	4	15	6	182	7.6	9
" 31,	16	9	18	10	17	12	18	10	19	16	18	15	18	10	17	10	18	13	18	10	19	13	18	12	19	12	19	14	17	12	17	12	17	12	19	14	18	10	19	7	21	9	21	5	20	3	15	6	256	10.7	18
Sums,	...	413	...	437	...	466	...	476	...	489	...	485	...	498	...	498	...	549	...	561	...	605	...	582	...	568	...	570	...	522	...	521	...	477	...	487	...	439	...	429	...	416	...	402	...	385	...	398	11673	486.4	...
Hourly Means,	...	13.3	...	14.1	...	15.0	...	15.4	...	15.8	...	15.6	...	16.1	...	16.1	...	17.7	...	18.1	...	19.5	...	18.8	...	18.3	...	18.4	...	16.8	...	16.8	...	15.4	...	15.7	...	14.2	...	13.8	...	13.4	...	13.0	...	12.4	...	12.8	376.5	15.7	...

From 11a. to 7p. inclusive on the 14th is entered from estimation.

TABLE VIII.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR MAY, 1890.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N-S	+E-W	
1 a.	1.75	11.24	1.48	0.23	+0.27	+11.01	E 1° N
2 „	2.52	11.63	1.37	0.65	1.15	10.98	E 6° N
3 „	3.00	11.96	2.23	0.81	0.77	11.15	E 4° N
4 „	3.44	11.48	2.65	1.29	0.79	10.19	E 4° N
5 „	3.15	12.16	2.71	1.23	0.44	10.93	E 2° N
6 „	3.03	12.59	2.19	0.90	0.84	11.69	E 4° N
7 „	3.26	12.78	2.13	1.17	1.13	11.61	E 6° N
8 „	2.97	12.84	2.18	1.23	0.79	11.61	E 4° N
9 „	2.90	13.66	2.32	1.97	0.58	11.69	E 3° N
10 „	2.92	13.94	2.10	2.07	0.82	11.87	E 4° N
11 „	3.26	13.87	3.25	2.76	+0.01	11.11	E
Noon.	2.55	13.58	2.87	2.33	−0.32	11.25	E 2° S
1 p.	2.10	13.03	3.52	2.92	1.42	10.11	E 8° S
2 „	1.79	12.88	3.58	3.30	1.79	9.58	E 11° S
3 „	1.90	11.80	3.39	2.94	1.49	8.86	E 10° S
4 „	2.38	11.97	3.00	2.84	0.62	9.13	E 4° S
5 „	1.82	11.37	2.84	1.87	1.02	9.50	E 6° S
6 „	2.46	11.39	2.52	2.32	0.06	9.07	E
7 „	1.60	11.25	2.06	1.45	−0.46	9.80	E 3° S
8 „	2.26	10.88	2.09	1.13	+0.17	9.75	E 1° N
9 „	2.26	10.83	1.52	1.16	0.74	9.67	E 4° N
10 „	2.06	10.76	1.32	0.81	+0.74	9.95	E 4° N
11 „	1.61	10.29	1.77	0.74	−0.16	9.55	E 1° S
Midt.	1.77	10.97	1.68	0.45	+0.09	+10.52	E 1° N
Mean, ...	2.45	12.05	2.37	1.61	+0.09	+10.44	E

TABLE IX.

VICTORIA PEAK.

Date.	Barometer.			Temperature.					Wind.					
	10 a.	4 p.	10 p.	10 a.	4 p.	10 p.	Max.	Min.	10 a.		4 p.		10 p.	
									Direction.	Force.	Direction.	Force.	Direction.	Force.
1890.														
May. 1	28.05	27.96	27.95	69	70	69	71	69	E	6	E	6	E	5
„ 2	.02	.92	.94	68	69	67	70	67	E	6	E	6	E	6
„ 3	27.96	.93	.99	72	75	71	78	67	N	4	NW	4	NW	5
„ 4	28.08	28.03	28.08	74	75	74	78	70	NE	1	N	2	NW	2
„ 5	.10	.05	.06	75	74	72	76	71	E	3	S	2	SE	2
„ 6	.09	.03	.04	74	74	74	76	70	E	3	SE	1	SE	3
„ 7	.09	.02	.05	71	70	70	75	69	E	4	ESE	5	ESE	5
„ 8	.05	.01	27.98	70	70	73	74	69	ESE	5	SE	5	S	5
„ 9	.01	27.93	.95	73	75	74	75	72	S	5	S	6	S	6
„ 10	.00	.95	.97	75	75	74	76	74	S	5	S	5	SE	4
„ 11	.03	.99	28.00	72	73	72	74	71	S	4	S	4	SE	4
„ 12	.07	28.02	.03	74	75	74	76	71	S	4	S	3	S	4
„ 13	.13	.08	.12	76	75	74	77	73	SW	3	SW	4	NE	3
„ 14	.16	.08	.14	70	70	68	75	67	E	5	E	5	E	4
„ 15	.14	.12	.12	70	75	72	75	67	E	5	E	3	S	2
„ 16	.13	27.99	.01	74	76	73	77	72	S	3	S	4	S	5
„ 17	.06	28.00	27.99	76	77	75	78	73	SSW	2	SW	3	SW	2
„ 18	.08	.02	28.06	78	77	75	79	74	SW	1	SE	4	SE	4
„ 19	.11	.04	.04	76	75	74	78	74	SE	4	SE	5	E	5
„ 20	.08	.02	.03	76	76	75	78	74	SW	3	SW	4	SW	4
„ 21	.06	.02	27.98	77	75	74	77	74	SW	4	SW	5	SW	4
„ 22	.02	27.95	.97	76	76	75	77	70	S	4	SSW	4	SW	4
„ 23	27.98	.95	.97	74	72	72	75	71	S	4	S	4	SW	4
„ 24	.99	.96	.98	72	73	71	73	71	E	4	E	4	SE	5
„ 25	28.01	.99	28.03	68	68	68	71	67	E	6	E	6	E	6
„ 26	.05	28.03	.05	67	69	65	70	65	E	6	E	5	E	6
„ 27	.07	.03	.05	67	70	68	71	65	E	6	E	4	E	5
„ 28	.08	.07	.07	71	73	72	73	66	E	5	E	5	E	4
„ 29	.10	.07	.07	68	69	70	73	66	E	4	E	4	E	4
„ 30	.10	.02	.04	72	73	72	74	70	S	3	S	4	S	4
„ 31	.01	27.97	.00	74	74	74	75	72	S	5	S	4	S	5
Mean,	28.062	28.008	28.025	72.5	73.2	72.0	75.0	70.0	E 36° S	4.1	S 39° E	4.2	S 43° E	4.2

TABLE X.

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
1890.												
May 1, ...	10	cum.	ESE	10	cum.	...	10	cum.	E	10	cum.	E
„ 2, ...	10	cum-nim.	E	10	nim.	...	10	nim.	E	10	cum.	E
„ 3, ...	10	R-cum.	ENE	10	cum.	E	8	sm-cum. / cum.	ENE / ..	5	c-cum. / cum.	NE
„ 4, ...	10	cum.	WSW	4	cum.	...	0	...	...	1	c-cum.	...
„ 5, ...	1	cum.	...	1	cum.	...	0	...	...	0	...	...
„ 6, ...	10	str-cum.	...	10	cum.	...	9	sm-cum. / cum.	E	2	cum.	...
„ 7, ...	10	cum.	E	10	nim.	...	10	cum.	E	10	str-cum.	E
„ 8, ...	10	cum.	E	10	cum.	E	10	nim.	E	10	cum-nim.	E
„ 9, ...	10	cum-nim.	S	7	cum.	SW	10	sm-cum. / cum.	SSW	10	sm-cum. / cum.	SSW
„ 10, ...	10	cum-nim.	SW	10	R-cum.	SW	8	c-cum. / cum.	SSW	10	cum.	SSW
„ 11, ...	10	nim.	NE	10	nim.	NE	10	cum-nim.	E	10	cum-nim.	...
„ 12, ...	10	R-cum.	E	10	cum-nim.	E	10	str-cum.	E	9	cum. / cum.	SSW / E
„ 13, ...	7	cum-nim.	E	5	cum.	S	9	cum.	SW	5	sm-cum. / cum.	SW
„ 14, ...	2	cum.	E	10	str-cum.	...	10	str-cum.	E	10	str-cum.	E
„ 15, ...	0	...	...	1	cum.	E	10	sm-cum.	W	0	...	...
„ 16, ...	10	cum.	...	10	cum.	...	10	sm-cum. / cum.	...	2	c-str. / cum.	W / W
„ 17, ...	3	c-str.	...	2	c-str.	...	9	c-str. / cum.	WSW	9	c-cum. / sm-cum. / cum.	W / W / W
„ 18, ...	0	...	...	1	c-str.	...	4	c-str. / cum.	W	2	cum.	W
„ 19, ...	10	nim.	...	3	cum.	...	10	c-str. / sm-cum. / cum.	W / E	7	cum.	E
„ 20, ...	10	cum-nim.	SE	10	cum.	S	9	c-str. / cum.	W / SSW	7	cum.	SSW
„ 21, ...	10	cum.	SW	10	cum.	SW	10	str. / cum.	SSW	10	nim.	W
„ 22, ...	10	cum-nim.	...	10	cum.	...	10	c-cum. / cum.	SSW	9	c-str. / cum.	SW
„ 23, ...	10	cum-nim.	...	10	nim.	...	10	nim.	E	10	nim.	E
„ 24, ...	...	...	...	...	...	...	10	c-cum. / cum.	E	10	cum-nim.	...
„ 25, ...	...	...	...	...	...	...	10	cum.	E	10	cum.	E
„ 26, ...	10	cum.	E	8	cum.	E	10	c-str. / c cum. / cum.	E	10	sm-cum. / cum.	E
„ 27, ...	10	cum.	E	10	cum.	E	10	cum.	E	10	sm-cum. / cum.	W / E
„ 28, ...	8	cum.	...	7	cum.	...	10	c-str. / c-cum. / cum.	E	7	c-str. / c-cum. / cum.	W / W / E
„ 29, ...	10	nim.	...	10	nim.	...	10	nim.	E	10	nim.	E
„ 30, ...	10	cum-nim.	ESE	10	cum.	...	10	cum.	SSW	9	cum.	SSW
„ 31, ...	10	cum.	SSW	10	cum.	SSW	10	sm-cum. / cum.	SW	9	sm-cum. / cum.	SW
Mean,...	8.3	...	...	7.9	...	...	8.9	...	...	7.5	...	...

TABLE X,—*Continued.*

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 p.			4 p.			7 p.			10 p.			Daily and Monthly Means.
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	
1890.													
May 1,...	10	cum.	E	10	cum.	E	10	nim.	E	10	cum-nim.	ENE	10.0
„ 2,...	10	cum.	ENE	10	cum.	ENE	10	cum-nim.	ENE	10	R-cum.	ENE	10.0
„ 3,...	6	cum.	NE	7	sm-cum. / cum.	ENE / N	4	sm-cum. / cum.	N / ENE	1	sm-cum.	NNE	6.4
„ 4,...	2	sm-cum. / cum.	N / W	0	...	...	0	...	...	9	sm-cum.	ENE	3.3
„ 5,...	6	cum.	SSW	7	sm-cum. / cum.	S	9	sm-cum. / cum.	ENE / S	10	sm-cum.	ENE	4.3
„ 6,...	8	cum.	SE	9	sm-cum. / cum.	NNW / ESE	2	sm-cum. / cum.	NNW / ENE	1	cum.	S	6.4
„ 7,...	10	str. / cum.	E / ENE	10	cum.	E	10	cum.	SE	9	cum-nim.	SE	9.9
„ 8,...	10	str-cum.	E	10	nim.	E	10	cum-nim.	E	10	nim.	...	10.0
„ 9,...	9	c-str. / cum.	SSW	10	cum-nim.	SSW	9	cum-nim.	SW	10	nim.	...	9.4
„ 10,...	10	str. / cum.	SSW	10	str. / cum.	SSW	9	cum.	SSW	9	cum.	SSW	9.5
„ 11,...	10	str-cum.	E	9	cum.	SW	10	cum-nim.	E	7	cum-nim.	E	9.5
„ 12,...	7	cum. / cum.	SSW / E	9	cum. / cum.	SSW / E	9	cum.	SSW	2	cum.	SSW	8.3
„ 13,...	3	cum.	SW	7	c-str. / cum.	W / SSW	9	c-str. / c-cum.	W / W	1	c-str.	...	5.7
„ 14,...	2	cum.	E	2	c-str. / cum.	W / E	9	c-str.	WSW	0	...	...	5.6
„ 15,...	5	c-str. / c-cum.	W / W	7	c-str.	W	1	c-str.	WSW	1	c-str.	...	3.1
„ 16,...	2	c-str. / cum.	WNW / W	1	c-str.	W	2	c-str.	WNW	1	c-str. / cum.	WSW	4.8
„ 17,...	8	c-str. / cum.	W / W	5	c-str. / c-cum. / cum.	W / W / W	3	c-str. / c-cum.	W / W	1	c-str.	...	5.0
„ 18,...	2	cum.	WSW	4	c-str. / cum.	S	6	c-str. / cum.	W / E	9	cum-str.	E	3.5
„ 19,...	7	c-str. / cum.	W / ESE	9	c-str. / cum-str.	W / SSE	10	cum-nim.	ESE	10	nim.	...	8.2
„ 20,...	9	c-str. / cum.	W / SW	10	str. / cum.	SW	8	cum.	SW	1	cum.	SW	8.0
„ 21,...	10	nim.	...	10	str. / nim.	WSW	10	cum-nim.	WSW	10	cum-nim.	...	10.0
„ 22,...	9	c-cum. / cum.	SW	10	nim.	SW	10	nim.	...	10	cum-nim	...	9.8
„ 23,...	10	cum.	E	10	cum-nim.	WSW	8	sm-cum. / cum.	N / WSW	2	cum.	WSW	8.8
„ 24,...	10	cum.	E	10	R-cum.	ESE	9	cum-nim.	ESE	10	cum-nim.	ESE	9.8
„ 25,...	10	str-cum.	E	9	sm-cum.	W	10	cum-nim.	E	10	cum.	E	9.8
„ 26,...	10	sm-cum. / cum.	W / E	9	sm-cum. / cum.	W / E	10	sm-cum. / cum.	W / E	10	cum-nim.	E	9.6
„ 27,...	10	sm-cum. / cum.	W / E	10	sm-cum. / cum.	W / E	10	sm-cum.	S	10	sm-cum	SSE	10.0
„ 28,...	9	c-cum. / sm-cum. / cum.	W / W / E	10	sm-cum. / cum	SSE / E	10	nim.	ENE	10	nim.	ENE	8.9
„ 29,...	10	nim.	E	10	cum.	E	9	cum-nim.	E	10	nim.	E	10.0
„ 30,...	9	c-str. / cum.	NE / SSW	9	c-str. / cum.	SW	10	c-str. / cum.	ENE / SW	10	c-cum. / cum.	ENE / SW	9.6
„ 31,...	9	sm-cum. / cum.	SW	10	c-str. / cum.	N / SW	10	c-str. / cum.	SW	10	c-str. / cum.	SW	9.8
Mean,...	7.8	...	...	8.2	...	...	7.9	...	...	6.9	...	...	8.0

TABLE I.

BAROMETRIC PRESSURE FOR THE MONTH OF JUNE, 1890.

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,...	29.691	29.680	29.675	29.671	29.683	29.697	29.709	29.724	29.740	29.753	29.747	29.732	29.710	29.697	29.679	29.675	29.675	29.691	29.709	29.721	29.736	29.753	29.757	29.744	29.710
„ 2,...	.738	.725	.737	.728	.737	.746	.761	.771	.781	.782	.773	.762	.752	.731	.705	.688	.690	.703	.703	.719	.739	.745	.745	.731	.737
„ 3,...	.718	.711	.699	.695	.691	.701	.713	.720	.724	.729	.710	.686	.664	.637	.610	.608	.604	.617	.635	.641	.659	.672	.681	.660	.674
„ 4,...	.637	.628	.616	.621	.619	.631	.657	.651	.647	.660	.651	.638	.622	.600	.579	.576	.577	.592	.603	.618	.631	.628	.620	.610	.621
„ 5,...	.613	.615	.617	.615	.619	.631	.640	.654	.670	.673	.664	.652	.645	.618	.609	.601	.605	.597	.607	.633	.647	.662	.680	.672	.635
„ 6,...	.654	.651	.634	.640	.638	.642	.659	.685	.686	.692	.694	.702	.688	.657	.641	.637	.624	.636	.652	.679	.689	.706	.705	.689	.666
„ 7,...	.670	.662	.662	.666	.669	.677	.696	.705	.708	.711	.714	.693	.675	.668	.646	.649	.648	.642	.652	.667	.687	.710	.714	.701	.679
„ 8,...	.699	.676	.678	.674	.677	.691	.693	.706	.715	.712	.710	.691	.670	.670	.643	.646	.642	*.645	.669	.671	.674	.682	.685	.671	.679
„ 9,...	.659	.647	.644	.641	.639	.641	.670	.668	.670	.673	.666	.650	.641	.622	.614	.607	.601	.613	.627	.645	.655	.663	.661	.652	.645
„ 10,...	.646	.644	.640	.640	.645	.659	.677	.691	.694	.683	.692	.677	.661	.658	.663	.635	.645	.666	†.667	.667	.665	.678	.693	.687	.666
„ 11,...	.680	.684	.671	.671	.678	.693	.718	.726	.740	.740	.730	.719	.697	.685	.667	.652	.647	.663	.677	.678	.693	.711	.717	.717	.694
„ 12,...	.709	.697	.689	.690	.698	.716	.737	.743	.749	.750	.747	.743	.722	.710	.695	.692	.681	.680	.697	.705	.718	.733	.738	.726	.715
„ 13,...	.704	.692	.693	.701	.707	.729	.747	.756	.770	.770	.765	.750	.732	.709	.700	.690	.684	.692	.708	.724	.739	.742	.749	.735	.724
„ 14,...	.715	.705	.695	.700	.705	.718	.730	.748	.753	.755	.753	.740	.710	.695	.682	.670	.662	.676	.690	.704	.721	.735	.740	.731	.714
„ 15,...	.716	.699	.689	.686	.686	.703	.706	.714	.718	.713	.700	.687	.664	.651	.630	.619	.607	.612	.624	.639	.649	.674	.678	.672	.672
„ 16,..	.662	.651	.656	.648	.645	.648	.656	.655	.643	.635	.634	.620	.617	.589	.572	.556	.557	.569	.580	.617	.629	.645	.657	.644	.624
„ 17,...	.633	.638	.638	.627	.622	.632	.634	.650	.646	.652	.640	.633	.629	.630	.607	.596	.614	.622	.638	.670	.693	.694	.713	.701	.644
„ 18,...	.692	.687	.674	.669	.676	.682	.700	.707	.715	.727	.718	.721	.733	.721	.696	.691	.680	.684	.695	.715	.725	.748	.745	.732	.706
„ 19,...	.717	.708	.699	.700	.704	.717	.722	.737	.754	.755	.759	.740	.725	.712	.713	.699	.699	.725	.727	.728	.737	.754	.759	.753	.727
„ 20,...	.735	.720	.704	.693	.687	.697	.719	.734	.742	.745	.770	.758	.742	.722	.698	.681	.684	.694	.701	.713	.729	.738	.731	.713	.719
„ 21,...	.702	.683	.670	.654	.665	.676	.680	.705	.698	.693	.690	.687	.675	.656	.648	.633	.618	.628	.641	.657	.652	.674	.661	.648	.666
„ 22,...	.632	.625	.619	.616	.623	.641	.650	.655	.664	.668	.671	.647	.633	.622	.603	.594	.605	.607	.622	.641	.650	.662	.668	.657	.636
„ 23,...	.644	.639	.637	.646	.656	.656	.664	.668	.675	.686	.684	.690	.682	.668	.652	.647	.646	.643	.664	.682	.707	.729	.731	.711	.671
„ 24,...	.694	.699	.694	.694	.699	.715	.742	.751	.757	.759	.763	.741	.729	.722	.707	.702	.701	.705	.726	.731	.744	.757	.759	.748	.727
„ 25,...	.733	.728	.726	.727	.728	.744	.744	.743	.737	.744	.745	.735	.716	.693	.692	.684	.698	.695	.694	.695	.698	.697	.685	.668	.715
„ 26,...	.649	.634	.620	.617	*.625	*.633	*.641	.650	*.648	.645	.629	.607	.585	.573	.551	.545	.546	.547	.590	.623	.625	.633	.617	.602	.610
„ 27,...	.598	.590	.592	.602	.605	.612	.631	.639	.646	.662	.659	.653	.633	.634	.624	.614	.610	.623	.640	.653	.660	.674	.678	.672	.633
„ 28,...	.655	.642	.631	.641	.642	.645	.650	.665	.671	.679	.672	.660	.639	.629	.612	.595	.586	.582	.599	.601	.608	.615	.615	.610	.631
„ 29,...	.585	.565	.545	.547	.535	.549	.555	.555	.555	.545	.535	.497	.480	.459	.447	.433	.433	.427	.439	.446	.478	.492	.490	.483	.503
„ 30,...	.466	.462	.458	.459	.467	.492	.517	.541	.581	.604	.625	.632	.627	.624	.616	.614	.613	.630	.652	.694	.705	.723	.725	.721	.594
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hourly Means, ...	29.668	29.660	29.653	29.653	29.656	29.667	29.681	29.691	29.697	29.700	29.697	29.685	29.670	29.655	29.640	29.631	29.629	29.637	29.651	29.666	29.678	29.691	29.693	29.682	29.668

* Interpolated. † Approximate Reading.

TABLE II.

TEMPERATURE FOR THE MONTH OF JUNE, 1890.

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,	79.9	80.0	80.8	80.0	80.1	79.6	79.8	78.1	81.0	80.7	83.5	84.0	83.2	84.6	83.7	82.9	82.2	82.0	81.0	80.3	80.0	79.0	79.2	79.1	81.0	85.2	76.6
„ 2,	79.4	79.7	80.0	80.1	80.2	80.2	81.1	82.6	83.4	84.9	83.3	82.8	85.2	85.9	83.4	82.8	82.5	85.3	81.7	81.4	81.3	80.7	80.5	80.4	82.0	87.2	79.1
„ 3,	80.4	79.7	79.8	80.0	80.3	80.5	81.7	83.2	83.5	84.7	85.2	86.6	85.8	86.7	85.3	83.9	84.9	82.1	81.4	81.7	81.4	81.4	81.3	81.0	82.6	88.4	78.1
„ 4,	81.5	81.4	81.2	80.7	80.8	80.5	77.2	78.0	81.0	83.9	84.1	84.4	84.6	84.6	83.6	80.7	80.7	79.0	75.9	76.1	76.8	76.8	77.1	77.0	80.3	87.1	73.8
„ 5,	76.8	76.9	77.3	77.3	77.3	78.6	79.8	80.3	77.3	78.2	81.3	79.3	80.9	81.9	81.5	81.9	80.0	79.8	78.9	78.8	78.8	78.9	79.0	78.7	79.1	83.6	75.9
„ 6,	78.4	78.4	78.0	77.8	78.0	78.4	77.9	75.9	75.8	77.9	78.2	76.0	76.9	76.7	77.7	78.1	78.1	77.5	76.9	77.2	77.3	77.9	77.0	77.0	77.5	80.0	74.4
„ 7,	77.0	76.9	76.8	76.8	77.2	77.7	78.9	80.3	83.1	77.7	81.6	81.8	79.9	80.4	79.3	80.9	80.1	80.1	78.5	78.2	78.1	78.0	77.9	77.2	78.9	84.7	76.3
„ 8,	77.3	77.2	77.4	77.3	77.3	77.7	78.7	80.5	83.5	81.9	84.4	82.3	82.9	83.2	82.9	79.9	80.5	81.1	79.7	78.7	79.3	79.4	79.9	79.9	80.1	86.3	76.7
„ 9,	80.2	80.5	80.9	81.0	81.3	80.4	78.8	77.9	79.7	83.9	84.2	84.4	84.2	83.7	83.3	83.0	82.7	82.2	81.9	82.0	82.5	82.0	81.9	82.4	81.9	86.3	75.1
„ 10,	82.1	81.7	80.9	81.7	81.7	81.8	82.6	83.9	83.8	84.9	85.2	85.9	85.7	85.8	85.2	85.9	83.2	82.8	82.1	82.1	82.0	82.0	81.8	81.4	83.2	87.4	80.3
„ 11,	81.9	81.8	81.4	81.4	81.4	81.8	82.5	83.6	84.0	84.8	85.5	86.2	85.6	84.6	84.8	84.9	83.9	83.4	82.8	82.5	82.5	82.6	82.4	82.4	83.3	87.5	79.7
„ 12,	82.2	82.1	82.1	81.4	81.4	82.4	81.9	82.5	83.0	85.9	85.8	85.8	85.1	85.4	86.9	85.2	83.6	82.8	82.0	82.0	81.9	82.0	82.2	81.1	83.2	88.4	80.4
„ 13,	81.2	81.2	81.2	79.7	79.3	80.0	81.3	83.5	85.1	84.9	85.0	86.3	87.6	87.4	86.0	85.7	84.1	83.0	82.0	82.0	82.1	81.5	80.1	80.8	83.0	89.0	78.6
„ 14,	80.9	80.7	80.2	80.5	79.9	81.2	82.9	84.2	85.0	85.1	86.4	86.6	86.9	88.0	84.8	84.9	84.2	82.9	81.6	81.1	80.9	80.9	80.0	80.0	82.9	90.2	79.9
„ 15,	80.3	79.2	79.2	79.2	79.1	80.3	82.6	84.1	85.3	86.9	85.9	87.0	86.3	86.5	87.0	86.0	85.2	83.1	81.9	82.0	82.0	82.0	81.1	81.4	83.1	89.4	77.9
„ 16,	81.3	81.4	81.5	81.3	80.8	81.4	82.0	83.3	84.3	85.4	87.1	87.6	88.2	88.7	88.7	87.0	86.2	84.6	82.7	81.9	82.0	81.9	81.2	80.5	83.8	90.2	79.8
„ 17,	80.3	80.3	79.8	79.4	79.3	79.9	81.2	84.3	84.1	84.8	85.6	88.3	90.0	88.5	88.6	86.9	85.1	83.9	83.0	83.1	83.2	83.2	82.9	82.5	83.7	92.6	77.9
„ 18,	82.6	82.2	81.6	80.6	81.0	80.9	81.9	82.0	84.4	84.9	85.2	86.1	76.4	77.1	77.2	77.7	78.2	79.1	79.7	80.2	80.3	77.0	79.5	79.8	80.7	88.0	75.6
„ 19,	79.6	80.1	79.2	75.8	75.7	77.0	77.6	75.9	76.9	78.2	79.2	80.2	80.1	80.3	81.1	81.0	80.6	81.2	80.9	81.2	76.9	77.9	79.0	78.6	78.9	82.4	74.7
„ 20,	79.2	78.7	79.1	79.2	79.5	77.3	77.0	76.7	75.7	75.9	84.8	74.6	75.9	80.2	81.4	81.3	81.7	81.5	81.2	80.3	79.6	80.0	79.9	79.7	79.1	82.0	73.4
„ 21,	79.6	80.0	81.0	81.0	81.2	79.4	80.8	81.7	82.2	82.3	81.9	78.4	78.1	79.1	79.3	81.9	82.1	82.2	81.8	81.8	81.7	82.1	82.4	82.7	81.0	82.7	75.7
„ 22,	82.7	82.7	81.8	81.9	81.7	82.3	82.5	83.3	84.0	84.1	84.8	86.0	85.5	84.9	84.9	84.3	84.9	83.1	82.4	82.2	82.5	82.0	82.1	81.8	83.3	87.3	81.2
„ 23,	82.0	82.0	82.0	82.1	82.1	82.2	82.9	83.1	83.4	83.9	83.9	84.5	84.6	86.4	85.5	84.2	83.3	83.1	82.0	81.9	82.0	82.0	82.0	81.8	83.0	86.6	81.2
„ 24,	81.8	81.8	81.3	81.4	81.6	81.6	82.9	84.1	85.3	85.4	84.9	86.5	86.0	83.0	84.8	86.0	83.8	82.4	81.9	81.7	81.6	82.1	81.8	80.8	83.1	87.6	80.7
„ 25,	80.6	80.3	79.8	80.1	79.8	80.3	82.1	83.5	84.4	84.9	85.6	85.0	85.1	81.6	80.2	82.9	77.1	80.0	80.1	80.3	80.4	81.1	81.0	80.3	81.5	86.5	76.9
„ 26,	79.6	79.7	79.5	78.1	78.5	79.5	81.0	78.0	78.3	79.2	81.6	83.0	82.7	82.5	82.5	82.6	81.5	81.5	80.4	77.1	77.9	78.9	79.5	79.5	80.1	84.5	75.9
„ 27,	80.1	80.6	80.2	78.6	78.8	80.0	81.1	81.0	82.6	83.1	81.7	82.0	82.7	83.5	83.6	83.3	82.4	81.1	81.0	80.4	81.6	80.8	79.9	80.8	81.3	85.0	78.5
„ 28,	80.8	80.7	80.5	80.4	79.9	79.5	80.8	81.2	81.3	81.1	82.5	84.3	86.7	85.4	85.1	83.9	83.0	82.6	81.0	81.0	81.0	81.2	80.6	80.4	81.9	87.9	78.5
„ 29,	80.4	80.0	79.8	80.2	80.9	77.4	78.9	79.2	80.7	80.7	81.9	83.7	82.8	81.6	80.7	78.1	78.4	78.9	77.1	77.1	78.0	79.0	79.1	78.3	79.7	85.0	74.7
„ 30,	77.9	79.0	78.8	78.3	78.6	78.0	77.9	78.3	78.4	81.3	82.5	80.2	82.9	83.8	84.0	83.9	81.9	79.9	80.4	80.3	80.9	80.3	79.5	80.1	80.3	86.6	76.3
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hourly Means,	80.3	80.2	80.1	79.8	79.8	79.9	80.6	81.1	82.0	82.7	83.8	83.7	83.6	83.7	83.4	83.1	82.2	81.7	80.8	80.6	80.6	80.5	80.4	80.2	81.4	86.5	77.5

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION, FOR THE MONTH OF JUNE, 1890.

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,...	77.0	77.1	76.7	76.4	76.0	76.4	76.8	76.7	78.3	78.1	77.9	77.9	78.4	78.7	76.8	77.6	77.9	77.0	77.0	77.0	77.4	77.9	77.7	77.8	77.4	135.8
" 2,...	77.2	77.0	76.9	76.8	76.5	76.7	77.0	77.8	78.3	78.9	78.4	78.1	79.8	79.0	77.5	77.8	78.0	78.8	77.0	76.9	76.8	77.1	77.0	76.7	77.6	148.8
" 3,...	76.6	76.6	76.5	76.8	76.6	76.6	77.2	78.1	78.5	79.0	78.8	80.1	79.7	79.9	79.2	78.9	78.9	78.1	78.2	77.8	77.7	77.1	77.5	77.6	78.0	146.5
" 4,...	77.7	77.8	77.7	78.0	78.1	77.8	76.7	76.5	78.5	79.9	78.7	80.0	80.3	79.9	79.1	78.1	77.5	76.7	74.1	74.2	74 9	74.9	74.9	75.0	77.4	132.6
" 5,...	75.1	74.9	74.7	74.6	74.4	75.1	75.9	77.0	75.1	75.6	76.9	76.0	76.9	77.7	77.1	78.3	77.0	77.0	76.9	77.0	76.8	77.0	77.0	76.5	76.3	144.5
" 6,...	76.5	76.5	76.3	76.4	76.1	76.2	76.2	74.4	75.5	76.9	76.8	74.8	75.7	75.7	76.4	76.1	75.9	75.4	75.0	75.1	75.5	75.8	75.2	75.3	75.8	99.6
" 7,...	75.2	75.4	75.3	75.2	75.4	75.8	76.9	78.0	79.2	74.7	78.6	79.0	77.9	77.4	77.1	76.8	76.9	77.2	76.0	76.0	76.4	76.7	75.9	76.2	76.6	144.3
" 8,...	76.0	75.8	76.2	76.0	76.1	76.1	76.8	77.8	79.3	78.9	79.2	78.3	78.7	79.2	77.4	77.0	77.0	76.9	76.8	75.8	75.8	76.1	76.3	76.2	77.1	143.5
" 9,...	75.9	76.6	76.6	77.1	77.3	76.6	75.9	75.7	76.7	78.9	78.7	79.2	78.7	79.1	78.4	78.0	77.9	77.7	77.5	77.4	77.2	77.5	77.1	76.7	77.4	144.5
" 10,...	77.2	77.5	77.0	77.0	76.7	76.8	77.3	78.7	79.5	79.1	79.6	79.7	79.3	79.7	78.8	78.9	77.8	78.3	77.9	78.4	78.6	78.0	77.4	77.7	78.2	141.1
" 11,...	77.4	77.5	77.6	77.4	77.0	77.2	77.9	78.3	78.0	78.8	78.9	79.3	79.6	78.9	78.2	78.8	78.0	78.0	77.9	78.6	78.8	78.7	78.1	77.9	78.2	134.6
" 12,...	77.5	77.4	77.4	77.3	77.3	77.5	78.4	78.5	78.8	79.1	78.9	79.0	78.0	78.9	80.3	78.8	78.4	78.4	77.1	77.0	77.8	77.6	78.1	77.8	78.1	142.8
" 13,...	77.8	77.7	78.1	77.6	77.9	77.0	76.9	78.0	79.8	78.9	79.1	79.4	79.9	79.3	78.9	78.9	78.9	77.9	77.5	77.2	77.9	77.6	76.9	77.0	78.2	144.2
" 14,...	77.8	77.0	77.2	76.9	76.7	77.3	77.8	77.8	77.5	78.1	77.6	79.5	78.1	78.9	78.1	78.7	78.6	77.5	76.9	77.2	77.1	78.1	78.0	77.9	77.8	146.5
" 15,...	77.9	77.6	77.3	77.2	77.2	78.1	78.6	78.5	78.4	79.7	78.8	77.6	78.1	78.9	78.1	79.1	77.2	77.5	77.6	77.5	77.4	77.0	77.0	77.0	77.9	145.4
" 16,...	77.1	77.2	76.9	76.7	76.4	77.0	78.8	79.4	79.0	78.6	78.4	78.9	79.2	79.5	78.0	77.0	76.8	77.7	76.8	76.7	76.3	76.2	75.8	76.2	77.5	142.1
" 17,...	76.2	76.5	76.1	76.2	76.1	76.7	77.6	79.0	78.6	78.6	78.0	79.6	80.9	80.3	80.3	78.2	78.6	77.7	77.4	76.8	77.0	78.1	78.2	77.7	77.9	153.3
" 18,...	77.6	76.3	77.1	76.9	77.0	77.1	77.0	77.7	79.0	79.7	79.7	79.4	74.9	74.9	75.3	75.9	75.9	75.9	76.0	76.2	76.8	75.1	76.5	76.5	76.9	136.9
" 19,...	76.6	76.7	75.9	74.0	74.6	75.8	75.6	75.8	74.9	75.4	75.9	76.2	76.2	76.7	77.1	77.3	76.1	76.7	76.0	77.0	73.9	75.0	75.2	75.2	75.8	150.5
" 20,...	73.7	74.9	75.1	75.1	75.8	76.2	76.0	74.6	74.4	75.1	74.7	74.3	75.2	76.6	77.0	77.3	77.8	77.7	77.7	77.0	77.1	77.6	77.4	77.5	76.1	107.5
" 21,...	77.5	77.7	77.5	78.0	77.7	75.0	76.8	77.9	78.0	78.0	76.7	75.0	75.9	76.9	77.1	77.9	78.1	78.0	77.0	77.0	77.3	78.1	78.0	77.4	77.3	94.6
" 22,...	77.3	77.3	76.6	76.3	76.4	76.6	77.2	77.6	77.9	78.3	78.7	79.0	78.9	78.0	78.7	78.9	79.6	78.3	78.0	77.6	77.8	78.0	77.8	77.8	77.9	144.9
" 23,...	78.0	77.7	77.6	77.8	77.5	77.8	78.7	77.8	78.8	78.9	79.6	79.2	79.5	80.6	80.3	79.2	79.0	78.3	78.0	77.8	77.7	78.5	78.0	77.5	78.5	129.7
" 24,...	77.3	77.3	76.7	76.6	76.6	77.7	78.2	78.5	79.6	78.9	78.8	79.5	78.9	79.2	78.7	78.8	78.7	78.6	78.0	77.8	78.1	77.4	77.4	77.6	78.1	148.6
" 25,...	78.0	78.0	77.7	77.8	77.9	78.3	78.5	78.8	78.1	79.0	79.9	79.7	78.2	76.0	76.9	77.4	75.6	77.1	76.7	75.9	75.8	76.8	76.6	76.5	77.5	146.0
" 26,...	76.2	75.9	75.6	75.0	74.6	74.0	74.0	74.3	75.3	75.9	76.5	77.4	77.4	78.0	77.5	77.9	77.2	77.1	77.0	75.9	76.1	76.5	76.5	76.2	76.2	141.4
" 27,...	76.8	76.6	76.4	76.3	76.1	76.7	76.9	77.5	77.9	78.1	77.7	78.0	78.1	78.6	72.2	78.3	78.0	78.1	78.0	78.1	77.9	77.0	77.0	77.0	77.2	143.6
" 28,...	76.8	76.7	76.7	76.8	76.5	76.1	76.3	76.7	76.8	77.3	77.6	79.1	79.1	77.3	77.0	76.0	75.7	76.6	77.0	77.7	77.6	77.4	77.0	76.6	77.0	144.1
" 29,...	76.6	76.1	75.6	75.2	75.0	73.5	75.4	74.7	75.2	75.1	77.8	75.2	76.1	76.8	76.0	75.7	75.9	75.0	74.9	75.3	75.7	76.1	76.4	76.3	75.6	142.5
" 30,...	76.6	76.4	75.8	75.8	76.8	76.4	76.4	76.6	76.4	77.2	77.8	76.4	77.5	77.6	77.8	78.0	77.9	76.6	77.4	78.5	77.9	78.0	77.1	78.4	77.1	143.3
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hourly Mean ...	76.8	76.8	76.6	76.5	76.5	76.5	77.0	77.3	77.7	78.0	78.2	78.2	78.2	78.3	77.7	77.9	77.6	77.4	77.0	76.9	77.0	77.1	77.0	76.9	77.3	138.8

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR FOR THE MONTH OF JUNE, 1890.

Hour.	Hourly Mean.		Date.	Daily Mean.	
	Humidity.	Tension.		Humidity.	Tension.
			1890.		
1 a	85	0.876	June 1,.....	85	0.893
2 „	85	.878	„ 2,.....	81	.888
3 „	85	.870	„ 3,.....	81	.898
4 „	86	.870	„ 4,.....	87	.903
5 „	86	.870	„ 5,.....	88	.869
6 „	85	.869	„ 6,.....	92	.871
7 „	85	.881	„ 7,.....	90	.886
8 „	84	.887	„ 8,.....	87	.892
9 „	82	.892	„ 9,.....	81	.880
10 „	80	.897	„ 10,.....	79	.899
11 „	77	.891	„ 11,.....	79	.898
Noon.	77	.892	„ 12,.....	79	.895
1 p	77	.894	„ 13,.....	80	.902
2 „	77	.897	„ 14,.....	79	.885
3 „	76	.874	„ 15,.....	78	.887
4 „	78	.887	„ 16,.....	74	.859
5 „	81	.885	„ 17,.....	76	.879
6 „	82	.883	„ 18,.....	84	.875
7 „	84	.878	„ 19,.....	87	.851
8 „	84	.876	„ 20,.....	87	.861
9 „	85	.881	„ 21,.....	84	.888
10 „	85	.886	„ 22,.....	77	.884
11 „	85	.883	„ 23,.....	81	.915
Midt.	86	.882	„ 24,.....	79	.896
			„ 25,.....	83	.890
			„ 26,.....	82	.852
			„ 27,.....	83	.880
			„ 28,.....	79	.863
			„ 29,.....	82	.832
			„ 30,.....	86	.889
			...	...	...
Mean,.....	82	0.882	Mean.	82	0.882

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.
1890.														
June 1,.....	...	...	...	...	...	...	...	0.5	...	...	...	...	...	0.5
„ 2,.....	...	...	...	0.2	0.5	0.3	...	0.5	0.7	0.2	...	...	0.4	2.8
„ 3,.....	...	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.9	0.2	8.7
„ 4,.....	...	...	...	...	0.8	0.5	...	...	...	...	...	...	...	1.3
„ 5,.....	0.1	0.9	0.4	0.4	0.7	0.9	...	0.2	0.9	0.9	0.9	0.2	...	6.5
„ 6,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 7,.....	0.2	0.9	0.8	0.9	...	0.4	0.2	...	...	...	...	...	...	3.4
„ 8,.....	...	0.1	0.8	1.0	0.2	0.4	...	...	0.2	...	...	...	...	2.7
„ 9,.....	...	...	...	...	1.0	0.6	0.7	...	...	...	...	...	...	2.3
„ 10,.....	...	0.5	0.9	0.3	0.6	1.0	0.9	0.7	0.1	...	0.3	0.1	...	5.4
„ 11,.....	...	...	...	...	...	0.4	0.6	...	...	...	...	...	...	1.0
„ 12,.....	0.1	0.2	0.3	0.8	1.0	1.0	1.0	0.5	0.7	1.0	0.6	...	...	7.2
„ 13,.....	...	0.2	0.8	1.0	0.9	0.6	1.0	0.9	1.0	0.9	0.7	0.2	0.2	8.4
„ 14,.....	0.1	1.0	1.0	1.0	1.0	1.0	0.9	1.0	0.5	0.1	0.8	...	...	8.4
„ 15,.....	0.1	1.0	0.9	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.2	11.1
„ 16,.....	0.3	0.1	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	10.8
„ 17,.....	...	0.5	0.9	...	0.5	0.5	1.0	1.0	0.8	1.0	0.9	0.1	...	7.2
„ 18,.....	...	0.2	0.5	0.5	...	...	...	...	...	...	...	...	...	1.2
„ 19,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 20,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 21,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 22,.....	...	0.2	0.3	0.6	0.8	1.0	1.0	1.0	1.0	0.9	0.7	0.6	...	8.1
„ 23,.....	...	...	...	...	...	...	...	...	0.4	0.9	0.3	0.2	...	1.8
„ 24,.....	...	0.8	0.9	1.0	1.0	1.0	1.0	0.5	0.6	0.9	0.9	0.4	...	9.0
„ 25,.....	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	...	0.7	0.6	0.4	9.9
„ 26,.....	...	...	...	...	...	...	0.9	0.4	0.2	0.1	0.7	...	...	2.3
„ 27,.....	0.2	0.5	0.9	1.0	0.9	0.6	0.4	0.7	1.0	1.0	1.0	1.0	0.2	9.4
„ 28,.....	0.3	0.3	0.8	0.2	0.1	0.4	1.0	0.9	1.0	1.0	1.0	1.0	0.6	8.6
„ 29,.....	...	...	...	0.2	...	...	...	0.1	...	...	...	...	...	0.3
„ 30,.....	...	...	...	...	0.5	0.9	...	0.8	1.0	1.0	0.9	0.5	0.4	6.0
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,.....	1.8	8.4	12.5	13.1	14.5	15.4	14.6	13.7	13.9	12.9	12.5	7.8	3.2	144.3

TABLE VI.

RAINFALL FOR THE MONTH OF JUNE, 1890.

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.	Victoria Peak.
June 1,.....	...	...	...	...	...	...	0.005	0.250	...	...	...	...	...	...	...	...	...	...	...	0.005	...	...	...	...	0.260	2	...
„ 2,.....	...	...	...	...	...	...	...	...	...	...	0.040	...	...	...	...	...	...	...	...	...	...	...	...	...	0.040	1	0.52
„ 3,.....	...	0.170	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.170	1	1.60
„ 4,.....	...	...	...	...	...	0.370	0.385	0.015	...	...	...	...	...	...	...	0.030	...	1.250	0.130	...	...	...	...	...	2.180	4	1.32
„ 5,.....	...	...	...	...	...	...	...	...	0.100	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.100	2	0.74
„ 6,.....	...	...	...	...	...	...	0.210	0.570	0.150	0.100	0.290	0.760	0.250	0.130	0.025	...	...	...	...	...	...	...	...	...	2.485	8	5.00
„ 7,.....	...	...	...	...	...	...	...	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	0	...
„ 8,.....	...	...	...	...	0.005	...	...	...	...	...	...	0.025	...	...	...	0.185	0.035	0.135	...	...	0.060	...	...	...	0.445	4	1.35
„ 9,.....	...	...	...	...	0.100	0.200	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.300	1	0.31
„ 10,.....	...	...	0.035	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.035	1	...
„ 11,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	...
„ 12,.....	...	...	...	...	...	...	0.020	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.020	1	0.30
„ 13,.....	...	...	...	0.095	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.095	0	...
„ 14,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	...
„ 15,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	...
„ 16,.....	...	...	...	...	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	0	...
„ 17,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	0.15
„ 18,.....	...	...	0.060	...	...	0.030	...	0.010	...	...	...	...	0.240	...	...	...	...	...	...	...	...	0.210	...	...	0.550	2	3.60
„ 19,.....	...	0.110	0.150	0.060	0.100	0.060	...	0.930	0.090	0.005	...	0.085	0.065	...	...	...	...	...	...	0.070	0.200	0.080	...	...	2.005	7	2.80
„ 20,.....	...	...	...	...	0.010	0.390	0.530	0.200	0.200	0.050	0.390	1.000	0.090	...	...	...	...	...	...	0.030	...	...	...	...	2.890	7	2.10
„ 21,.....	...	...	...	0.020	0.030	0.200	...	...	...	0.100	0.110	...	...	...	...	...	0.015	...	...	...	...	0.010	...	...	0.485	4	3.45
„ 22,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 23,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 24,.....	...	...	...	...	...	...	...	0.005	...	...	...	...	0.020	...	...	...	...	...	...	...	...	...	...	...	0.025	1	0.10
„ 25,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.010	...	...	0.140	...	...	...	...	...	...	...	0.150	1	0.12
„ 26,.....	...	...	...	...	...	...	...	0.040	0.085	...	...	...	...	...	...	...	...	0.060	0.180	0.140	...	0.005	...	...	0.510	3	0.70
„ 27,.....	...	...	...	...	...	...	...	...	...	...	0.090	0.005	0.010	...	...	...	...	0.015	0.030	...	...	0.125	...	...	0.275	3	0.20
„ 28,.....	...	...	...	...	...	...	...	...	...	0.010	...	...	...	...	...	...	...	...	0.005	...	...	...	...	...	0.015	1	0.62
„ 29,.....	...	...	...	...	0.215	...	...	0.005	0.010	0.005	0.065	0.010	...	0.045	0.080	...	0.020	0.010	0.025	0.085	0.010	0.010	0.080	0.080	0.755	7	1.55
„ 30,.....	0.120	...	0.010	...	0.090	0.060	0.100	0.300	0.345	...	...	...	...	...	0.010	...	...	...	...	...	...	...	...	...	1.035	6	0.53
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums, ...	0.120	0.280	0.255	0.175	0.550	1.315	1.250	2.325	0.985	0.270	0.985	1.885	0.675	0.185	0.115	0.215	0.210	1.470	0.370	0.330	0.270	0.440	0.080	0.080	14.835	67	27.06

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND FOR THE MONTH OF JUNE, 1890.

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,	20	3	18	6	18	10	17	13	19	12	19	7	20	10	26	10	22	6	27	4	20	8	18	9	21	8	18	7	18	8	18	6	16	5	20	6	18	4	18	2	15	3	15	2	...	1	15	3	153	6.4	19
" 2,	15	8	16	5	18	6	18	7	20	6	20	6	20	2	17	6	22	7	19	11	22	11	20	10	19	11	19	16	19	13	20	9	19	7	19	5	18	7	19	8	19	7	19	5	18	6	18	4	183	7.6	19
" 3,	21	6	20	9	18	9	18	10	18	10	19	11	19	12	19	16	19	15	18	19	19	20	19	20	20	18	20	16	20	16	20	20	20	14	22	10	22	7	19	7	19	7	20	5	20	3	17	2	282	11.7	19
" 4,	18	5	19	2	20	5	23	8	20	15	20	16	27	10	28	5	20	7	20	8	20	12	21	10	22	5	23	6	21	11	26	6	9	7	12	10	12	5	11	2	11	5	8	6	8	5	8	5	176	7.3	20
" 5,	8	8	8	12	8	9	9	10	9	6	9	7	9	10	9	11	12	15	7	14	8	14	8	12	8	15	8	16	8	14	8	15	8	12	9	8	9	11	9	7	9	10	9	13	9	15	9	10	274	11.4	9
" 6,	8	11	8	10	8	13	8	12	8	11	8	9	8	17	16	8	13	3	8	13	8	16	18	6	28	3	6	7	6	7	6	2	28	5	28	2	...	1	32	3	7	6	9	12	8	12	8	12	201	8.4	8
" 7,	8	13	8	10	8	9	8	5	8	6	8	8	8	8	8	10	8	14	8	10	8	10	8	15	7	19	7	18	7	19	14	7	12	5	10	10	10	7	10	8	10	6	10	6	10	3	11	3	229	9.5	8
" 8,	...	1	11	3	11	2	11	2	9	5	9	5	9	10	8	9	8	8	8	12	8	7	17	8	13	6	14	8	14	9	24	9	16	8	16	10	16	10	17	13	18	10	18	12	18	14	18	14	195	8.1	15
" 9,	18	16	19	18	18	18	17	16	18	13	16	11	17	6	27	10	27	6	18	15	19	14	18	17	19	18	18	18	18	19	19	20	19	16	18	17	17	12	17	17	18	17	18	14	18	13	18	17	358	14.9	18
" 10,	18	14	17	15	18	14	18	19	20	13	20	15	19	20	19	16	19	20	19	17	19	27	20	27	19	20	19	18	19	17	18	18	18	16	18	13	17	13	17	15	18	14	17	14	20	10	18	8	393	16.4	19
" 11,	18	12	18	13	18	13	17	14	18	14	17	10	17	11	17	11	18	11	18	12	18	16	18	10	17	16	18	10	18	12	18	12	18	14	18	14	18	11	16	9	16	12	16	10	18	9	17	12	288	12.0	18
" 12,	17	11	18	12	18	9	18	7	18	10	18	16	18	12	18	14	18	16	18	19	18	19	17	14	17	17	17	14	16	12	15	9	16	9	16	8	16	10	16	9	16	10	16	11	16	8	16	11	287	12.0	17
" 13,	16	10	16	14	16	12	15	7	14	7	13	7	16	10	16	15	16	15	18	10	17	11	18	9	18	10	17	9	17	11	17	13	16	10	16	10	16	3	16	5	16	3	...	1	16	2	16	2	206	8.6	16
" 14,	15	5	16	3	16	4	16	8	15	4	14	8	15	6	15	7	16	10	16	11	16	11	16	7	17	8	16	5	17	8	16	9	16	9	16	6	16	6	16	2	...	1	...	1	16	2	...	1	142	5.9	16
" 15,	16	2	16	3	14	4	14	3	14	3	14	3	14	2	14	5	16	10	15	5	24	7	23	7	17	5	17	8	17	7	18	7	18	10	17	10	17	3	17	4	17	2	17	2	17	2	17	3	117	4.9	17
" 16,	16	5	16	6	19	8	19	6	19	4	19	4	19	3	23	4	26	9	26	8	19	10	23	10	18	9	17	9	17	9	23	9	20	9	16	7	16	6	16	4	15	6	15	5	14	5	14	2	157	6.5	19
" 17,	14	3	14	3	14	3	14	3	8	3	...	0	...	1	3	4	28	3	28	3	14	3	22	5	26	5	16	13	20	10	18	12	16	11	18	10	18	8	17	5	17	3	16	7	16	9	15	11	138	5.8	17
" 18,	14	12	14	15	15	10	15	8	15	15	15	18	14	16	16	14	16	11	16	14	15	14	15	17	22	26	16	12	18	6	30	6	14	11	16	12	15	7	15	10	14	11	15	17	15	17	16	13	312	13.0	16
" 19,	14	11	15	14	15	18	16	9	16	6	16	5	17	5	9	11	16	8	14	10	16	15	17	20	18	18	19	18	19	13	18	10	19	9	18	12	16	12	17	6	16	15	16	4	18	9	17	6	264	11.0	16
" 20,	18	7	17	4	...	1	10	2	13	10	16	12	18	10	18	14	30	6	29	14	26	16	29	6	11	4	14	4	16	2	17	9	18	8	16	8	16	8	15	4	16	9	15	4	12	2	13	5	169	7.0	18
" 21,	16	8	15	10	16	11	16	16	17	17	18	26	18	18	19	16	18	17	19	25	18	22	19	15	24	4	30	2	17	10	17	15	18	19	18	16	18	16	16	10	16	12	16	10	16	14	17	19	348	14.5	18
" 22,	17	18	17	21	17	12	16	14	17	17	18	16	17	21	18	22	18	23	17	21	18	23	18	29	18	21	18	22	16	16	15	15	17	12	16	14	16	13	15	16	15	17	15	16	15	20	15	20	439	18.3	17
" 23,	15	16	16	17	16	19	16	14	16	19	16	19	16	17	16	15	16	15	16	12	16	14	18	13	18	15	16	15	16	17	16	17	16	15	16	13	16	10	16	11	16	10	15	7	15	16	14	18	354	14.7	16
" 24,	14	16	14	17	14	15	14	18	15	13	15	14	15	12	16	13	14	14	14	16	14	17	14	14	14	13	15	10	14	10	12	13	13	12	12	11	12	7	12	11	11	10	12	12	10	16	10	9	313	13.0	13
" 25,	9	10	8	8	8	7	8	8	8	8	7	8	6	9	7	13	7	16	7	16	7	18	8	16	10	19	9	24	8	22	8	13	8	16	7	6	8	13	8	13	8	15	8	14	7	9	7	4	305	12.7	8
" 26,	4	4	4	4	2	7	2	6	31	3	32	6	4	15	4	13	4	17	4	25	5	36	6	36	6	36	6	36	6	39	5	37	6	34	6	37	7	35	10	31	8	31	10	33	8	37	8	36	594	24.8	6
" 27,	8	35	8	36	9	30	10	30	9	20	8	26	8	26	8	31	9	32	9	30	9	34	8	28	9	33	8	28	8	28	8	27	8	22	6	20	7	22	6	24	8	29	7	28	9	23	9	25	667	27.8	8
" 28,	8	28	8	29	7	22	6	16	6	16	6	13	6	20	6	17	6	20	7	18	7	23	7	19	7	23	7	25	7	26	7	22	7	23	7	20	7	18	7	17	6	15	7	17	6	13	5	13	473	19.7	7
" 29,	5	13	4	13	4	12	2	8	2	18	5	6	7	11	4	12	3	12	4	11	3	16	5	28	6	28	5	26	6	31	4	25	3	24	4	15	1	12	3	18	8	15	8	20	8	24	10	23	421	17.5	5
" 30,	8	21	12	20	12	13	11	11	12	17	14	26	14	27	14	24	15	23	15	19	15	23	17	12	15	16	14	13	14	14	14	12	13	12	6	10	9	7	9	4	9	9	8	7	8	7	7	8	355	14.8	13
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	...	332	...	352	...	325	...	310	...	321	...	338	...	357	...	376	...	389	...	422	...	487	...	449	...	449	...	433	...	436	...	404	...	384	...	350	...	304	...	295	...	320	...	315	...	326	...	319	8793	366.4	...
Hourly Means,	...	11.1	...	11.7	...	10.8	...	10.3	...	10.7	...	11.3	...	11.9	...	12.5	...	13.0	...	14.1	...	16.2	...	15.0	...	15.0	...	14.4	...	14.5	...	13.5	...	12.8	...	11.7	...	10.1	...	9.8	...	10.7	...	10.5	...	10.9	...	10.6	293.1	12.2	...

TABLE VIII.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR JUNE, 1890.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N-S	+E-W	
1 a.	0.35	5.40	5.97	1.17	−5.62	+ 4.23	S 37° E
2 „	0.40	5.05	7.07	1.18	6.67	3.87	S 30° E
3 „	0.60	4.20	6.73	1.43	6.13	2.77	S 24° E
4 „	0.60	3.60	6.95	1.31	6.35	2.29	S 20° E
5 „	0.87	3.60	6.85	1.95	5.98	1.65	S 15° E
6 „	0.57	3.50	7.60	2.03	7.03	1.47	S 12° E
7 „	1.00	4.63	6.93	2.00	5.93	2.63	S 24° E
8 „	1.45	4.40	6.91	2.47	5.46	1.93	S 19° E
9 „	1.68	4.33	7.53	2.62	5.85	1.71	S 16° E
10 „	1.80	5.07	7.73	3.04	5.93	2.03	S 19° E
11 „	1.60	5.87	8.93	4.00	7.33	1.87	S 14° E
Noon.	1.27	5.17	8.10	4.20	6.83	0.97	S 8° E
1 p.	1.20	6.03	7.83	4.11	6.63	1.92	S 16° E
2 „	1.39	6.13	7.71	2.65	6.32	3.48	S 29° E
3 „	1.27	6.35	7.43	2.62	6.16	3.73	S 31° E
4 „	1.73	4.94	7.03	3.00	5.30	1.94	S 20° E
5 „	1.37	4.88	7.24	2.19	5.87	2.69	S 25° E
6 „	1.43	4.33	6.90	1.70	5.47	2.63	S 26° E
7 „	0.90	4.07	5.75	1.00	4.85	3.07	S 32° E
8 „	1.03	4.21	5.95	0.73	4.92	3.48	S 35° E
9 „	0.23	5.21	5.85	0.87	5.62	4.34	S 38° E
10 „	0.30	5.61	5.60	0.74	5.30	4.87	S 43° E
11 „	0.20	5.83	5.55	1.00	5.35	4.83	S 42° E
Midt.	0.33	5.35	6.27	0.89	−5.94	+ 4.46	S 37° E
Mean, ...	0.93	4.91	6.93	2.04	−5.95	+ 2.87	S 26° E

TABLE IX.

VICTORIA PEAK.

Date.	Barometer.			Temperature.					Wind.					
	10 a.	4 p.	10 p.	10 a.	4 p.	10 p.	Max.	Min.	10 a.		4 p.		10 p.	
									Direction.	Force.	Direction.	Force.	Direction.	Force.
1890.														
June 1	28.05	28.03	28.04	73	75	74	75	73	S	4	S	4	S	4
„ 2	.09	.02	.03	74	74	73	76	73	S	4	S	5	SW	4
„ 3	.03	27.97	27.98	75	75	75	77	73	S	5	S	5	S	5
„ 4	27.98	.91	.93	75	75	74	76	74	S	4	SW	4	W	3
„ 5	.98	.94	.97	75	76	75	77	74	SE	2	S	2	S	1
„ 6	.99	.95	.99	73	73	73	76	72	SE	4	SSE	3	S	4
„ 7	28 02	.98	28.00	74	73	74	77	72	SE	4	SE	3	SE	3
„ 8	.03	.97	27.97	74	74	73	76	72	S	4	S	5	S	5
„ 9	27.99	.95	.96	75	75	74	75	73	S	6	S	5	S	5
„ 10	.99	.98	.98	75	75	74	75	74	S	5	S	5	S	5
„ 11	28.03	.99	28.02	75	75	74	75	74	S	4	S	4	S	5
„ 12	.06	28.03	.03	75	76	74	77	74	S	5	S	5	S	5
„ 13	.06	.02	.04	76	77	75	78	74	S	4	S	4	S	4
„ 14	.06	.00	.01	76	76	74	77	74	S	4	S	4	S	4
„ 15	.03	.01	.02	77	76	75	78	74	S	2	S	4	SW	4
„ 16	.03	27.91	27.95	76	77	75	78	74	SSW	2	SW	4	S	3
„ 17	27.97	.94	28.02	76	77	75	80	75	S	3	S	4	S	5
„ 18	28.05	28.03	.02	76	72	73	77	70	S	5	S	5	SW	6
„ 19	.05	.02	.06	73	74	73	76	71	SW	5	SW	5	SW	5
„ 20	.05	.00	.01	73	74	73	75	71	SW	5	S	5	S	4
„ 21	.00	27.95	27.98	72	75	74	75	72	SW	6	SW	5	SW	5
„ 22	27.98	.96	.97	75	75	74	76	74	SW	6	S	5	S	5
„ 23	28.01	.99	28.02	75	76	74	76	74	S	5	S	5	S	4
„ 24	.05	28.03	.04	75	76	75	77	74	S	5	S	4	SE	4
„ 25	.07	.01	.00	76	77	74	78	74	ESE	4	E	4	E	5
„ 26	27.96	27.87	27.92	73	74	74	75	72	E	5	E	6	E	6
„ 27	.97	.96	.98	75	76	74	77	73	E	5	E	4	E	4
„ 28	.99	.91	.91	74	77	75	77	73	E	4	E	5	E	4
„ 29	.83	.75	.75	73	72	72	75	71	NE	5	E	6	NE	7
„ 30	.90	.94	28.00	73	75	74	76	72	SSW	6	S	4	SE	3
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mean,	28.010	27.967	27.987	74.6	75.1	74.0	76.4	73.0	S 6° E	4.4	S 10° E	4.4	S 8° E	4.4

TABLE X.

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
1890.												
June 1, ...	10	cum.	SW	10	cum.	WSW	10	nim.	W	10	nim.	W
„ 2, ...	10	cum.	SW	10	cum-nim.	SW	10	c-str. / cum.	W	8	cum.	SW
„ 3, ...	8	cum.	SW	10	cum-nim.	SW	10	sm-cum. / cum.	SW	8	c-str. / cum.	SW
„ 4, ...	10	cum.	SW	10	cum.	SW	10	nim.	W	9	c-str. / cum.	SW
„ 5, ...	10	cum-nim.	WSW	10	nim.	SW	6	sm-cum.	W	7	c-str. / cum.	W / E
„ 6, ...	10	cum.	S	8	cum.	E	10	nim.	E	10	nim.	ESE
„ 7, ...	5	c-cum.	E	10	cum.	SE	9	c-str. / cum.	N / S	10	cum.	S
„ 8, ...	6	c-cum.	...	8	cum.	S	10	c-str. / sm-cum. / cum.	... / N / S	10	c-str. / cum.	SSW
„ 9, ...	8	cum-nim.	SW	9	cum.	SW	10	c-cum. / cum.	SSW	9	c-cum. / cum.	SSW
„ 10, ...	10	cum.	SW	9	cum-nim.	SW	9	c-str. / c-cum. / cum.	SW	8	sm-cum. / cum.	SSW
„ 11, ...	10	cum-nim.	SW	10	cum.	SW	10	c-str. / cum.	SW	10	c-str. / cum.	SSW
„ 12, ...	5	c-cum.	...	10	nim.	SW	10	cum.	S	8	c-str. / cum.	SSW
„ 13, ...	3	c-cum.	...	10	nim.	S	9	c-str. / c-cum. / cum.	S	9	c-str. / cum.	NNE / SSW
„ 14, ...	8	c-cum.	E	3	c-cum.	...	10	c-str. / cum.	S	6	c-str. / cum.	NNE / S
„ 15, ...	2	c-str.	...	2	cum.	...	7	c-str. / cum.	SSW	8	c-str. / cum.	NNE / SSW
„ 16, ...	3	c-str.	...	0	...	...	7	sm-cum. / cum.	SSW	4	c-str. / cum.	NE / WSW
„ 17, ...	0	...	...	0	...	...	9	c-str. / cum.	S	9	c-str. / cum.	SW
„ 18, ...	10	cum-nim.	...	10	cum.	...	10	c-str. / cum.	S	10	sm-cum. / cum.	SSW
„ 19, ...	10	cum-nim.	...	10	nim.	...	10	str-cum.	S	10	nim.	SSW
„ 20, ...	10	cum-nim.	...	10	cum-nim.	...	10	nim.	S	10	nim.	WSW
„ 21, ...	10	cum-nim.	...	10	nim.	...	10	nim.	SW	10	str. / cum.	SW
„ 22, ...	10	cum-nim.	SW	10	cum-nim.	SW	10	c-str. / cum.	S	10	c-str. / cum.	SSW
„ 23, ...	10	cum.	SW	10	cum.	SW	10	c-str. / cum.	SSW	10	c-str. / cum.	SSW
„ 24, ...	4	c-cum.	...	10	cum.	SE	10	c-str. / cum.	S	7	c-str. / cum.	NE / S
„ 25, ...	2	cum.	...	2	cum.	...	8	c-str. / cum.	E	4	c-str. / cum.	E
„ 26, ...	8	c-str.	...	0	...	...	10	nim.	E	10	cum.	ENE
„ 27, ...	10	cum-nim.	...	0	...	...	8	cum.	E	8	cum.	E
„ 28, ...	4	cum.	E	3	cum.	E	5	c-str. / c-cum. / cum.	E	9	cum.	E
„ 29, ...	8	cum.	E	10	cum-nim.	E	10	cum.	E	10	nim.	ENE
„ 30, ...	10	nim.	ESE	8	cum-nim.	ESE	10	nim.	S	9	c-str. / cum.	SSW
.....	...	...	...	...	...	...	...	...	...	...	...	...
Mean,...	7.5	...	...	7.4	...	...	9.2	...	...	8.7	...	...

TABLE X,—*Continued.*

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 p.			4 p.			7 p.			10 p.			Daily and Monthly Means.
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	
1890.													
June 1,...	9	cum.	SW	10	c-str. / cum.	SW	10	c-str. / cum.	W	10	c-str. / cum.	SW	9.9
„ 2,...	9	sm-cum. / cum.	W / WSW	9	c-str. / cum.	WSW	1	c-str. / cum.	WSW	9	sm-cum. / cum.	SW	8.3
„ 3,...	6	c-str. / cum.	W / WSW	8	c-str. / cum	W / WSW	7	c-str. / cum.	W / WSW	10	c-str. / cum.	WSW	8.4
„ 4,...	10	c-str. / cum.	WSW	10	nim.	W	10	nim.	W	10	cum-nim.	W	9.9
„ 5,...	9	sm-cum. / cum.	W / SW	8	c-str. / cum.	W / SSW	7	c-str. / c-cum.	N / N	6	c-str.	N	7.9
„ 6,...	10	nim.	...	10	cum.	E	9	c-str. / c-cum.	WSW / WSW	2	c-str. / cum.	E	8.6
„ 7,...	10	c-str. / cum.	S	10	c-str. / cum.	SSW	9	c-str. / cum.	SSW	3	cum.	SSW	8.2
„ 8,...	9	c-str. / cum.	SSW	10	nim.	S	10	cum-nim.	S	10	cum-nim.	S	9.1
„ 9,...	10	cum.	SSW	10	c-str. / cum.	SW	10	c-str. / c-cum. / cum.	SW	9	cum.	SSW	9.4
„ 10,...	9	c-str. / sm-cum / cum.	SSW	9	c-str. / sm-cum. / cum.	.. / S / SSW	10	c-str. / cum.	SSW	10	cum-nim.	SSW	9.2
„ 11,...	10	c-str. / cum.	SSW	10	c-str. / cum.	NNE / SW	4	c-str. / cum.	SSW	8	cum.	SSW	9.0
„ 12,...	9	c-str. / cum.	SSW	9	c-str. / cum.	NNE / SSW	7	c-str. / cum.	SSW	3	cum.	SSW	7.6
„ 13,...	8	c-str. / cum.	SSW	9	c-str. / cum.	NNE / S	7	c-str. / cum.	S	0	...	...	6.9
„ 14,...	6	c-str. / cum.	NNE / S	9	c-str. / cum.	NNE / S	7	c-str. / cum.	S	1	cum.	...	6.3
„ 15,...	8	c-str. / cum.	NNE / SSW	8	c-cum. / cum.	NE / SW	5	c-str. / cum.	NNE / SSW	0	...	...	5.0
„ 16,...	5	c. / cum.	NE / WSW	2	c-str. / cum.	WSW	1	c-str. / cum.	NNE / SW	0	...	...	2.7
„ 17,...	8	c-str. / cum.	N / WSW	7	c-str. / c-cum. / cum.	WSW	7	c-str. / sm-cum / cum.	SSW / S	10	cum-nim.	...	6.3
„ 18,...	10	nim.	SSW	10	str. / cum.	SSW	10	str. / cum.	S	10	nim.	...	10.0
„ 19,...	10	cum-nim.	SSW	10	str. / cum.	SSW	10	str. / cum.	SSW	10	nim.	...	10.0
„ 20,...	10	nim.	SW	10	str. / cum.	SSW	10	sm-cum. / str. / cum.	N / .. / S	10	cum.	S	10.0
„ 21,...	10	str. / cum.	SW	10	str. / cum-nim.	SW	10	str. / cum.	SSW	10	nim.	WSW	10.0
„ 22,...	9	c-str. / cum.	SSW	8	c-str. / cum.	SSW	9	cum-nim.	S	8	cum.	S	9.3
„ 23,...	10	c-str. / cum.	SSW	10	c-str. / cum.	SSW	7	c-str. / cum.	S	8	cum.	SSW	9.4
„ 24,...	9	c-str. / cum.	NNE / S	8	c-str. / cum.	S	5	c-str. / cum.	SSE	4	cum.	...	7.1
„ 25,...	2	cum.	E	2	c-str. / sm cum. / cum.	ENE / E / E	1	c-str. / sm-cum. / cum.	.. / E / E	4	cum.	ESE	3.1
„ 26,...	10	c-str. / cum.	E	9	c-str. / cum.	E	10	cum-nim.	E	7	c-str. / c-cum. / cum.	ENE / ESE	8.0
„ 27,...	7	cum.	E	3	cum.	E	8	nim.	E	8	nim.	E	6.5
„ 28,...	3	cum.	E	1	c-str. / cum.	NNE / E	3	cum.	E	3	cum.	E	3.9
„ 29,...	10	c-str. / cum.	ENE	10	nim.	ENE	10	cum-nim.	ENE	6	cum.	ESE	9.3
„ 30,...	7	c-str. / cum.	S	8	c-str. / cum.	S	7	c-str. / cum	SW / SSE	3	cum.	SSE	7.8
.....	...	...	...	...	...	...	...	...	...	...	...	...	...
Mean,...	8.4	...	...	8.2	...	...	7.4	...	...	6.4	...	...	7.9

TABLE I.

BAROMETRIC PRESSURE FOR THE MONTH OF JULY, 1890.

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,...	29.695	29.689	29.687	29.681	29.693	29.710	29.742	29.748	29.770	29.778	29.778	29.759	29.741	29.735	29.730	29.711	29.718	29.723	29.728	29.750	29.771	29.790	29.802	29.800	29.739
„ 2,...	.794	.776	.751	.745	.750	.755	.772	.789	.783	.788	.780	.769	.758	.732	.711	.698	.688	.691	.694	.717	.726	.729	.730	.715	.743
„ 3,...	.690	.679	.665	.664	.651	.655	.650	.649	.650	.653	.645	.633	.610	.603	.584	.559	.559	.554	.571	.584	.584	.593	.591	.589	.619
„ 4,...	.584	.585	.580	.578	.582	.580	.587	.587	.589	.591	.588	.574	.556	.545	.544	.540	.538	.548	.579	.596	.607	.622	.601	.602	.578
„ 5,...	.590	.579	.575	.569	.565	.572	.574	.578	.611	.638	.646	.633	.614	.605	.609	.596	.597	.590	.596	.598	.602	.612	.606	.594	.598
„ 6,...	.581	.582	.586	.589	.587	.599	.609	.604	.611	.615	.623	.613	.595	.576	.562	.546	.540	.548	.559	.579	.598	.609	.606	.608	.589
„ 7,...	.593	.580	.575	.573	.583	.592	.600	.600	.597	.586	.584	.578	.552	.546	.528	.530	.523	.532	.554	.571	.582	.600	.605	.596	.573
„ 8,...	.581	.561	.562	.555	.559	.568	.580	.587	.610	.611	.603	.596	.600	.596	.577	.581	.581	.575	.595	.614	.638	.637	.638	.628	.593
„ 9,...	.620	.618	.621	.633	.634	.649	.664	.685	.683	.686	.675	.677	.657	.648	.637	.632	.626	.621	.626	.645	.673	.686	.675	.664	.651
„ 10,...	.643	.638	.631	.611	.615	.632	.644	.653	.649	.645	.652	.634	.614	.602	.577	.554	.554	.556	.567	.594	.600	.595	.599	.612	.611
„ 11,...	.594	.586	.582	.573	.576	.578	.584	.600	.597	.595	.593	.583	.563	.555	.537	.525	.552	.527	.547	.567	.599	.615	.612	.611	.576
„ 12,...	.598	.583	.576	.569	.570	.566	.585	.599	.603	.618	.623	.613	.603	.594	.581	.567	.557	.558	.563	.575	.603	.623	.631	.627	.591
„ 13,...	.617	.612	.613	.616	.616	.612	.623	.629	.640	.645	.647	.646	.641	.625	.596	.581	.574	.576	.586	.611	.630	.637	.635	.632	.618
„ 14,...	.610	.591	.586	.581	.582	.595	.611	.616	.613	.617	.605	.588	.548	.535	.510	.498	.488	.496	.515	.538	.561	.570	.566	.539	.565
„ 15,...	.516	.495	.499	.510	.528	.544	.548	.558	.567	.567	.556	.546	.527	.513	.497	.499	.506	.517	.531	.552	.573	.588	.590	.580	.538
„ 16,...	.563	.549	.532	.520	.525	.538	.559	.562	.564	.573	.546	.532	.524	.513	.480	.490	.490	.491	.488	.499	.518	.525	.505	.494	.524
„ 17,...	.479	.462	.456	.442	.436	.441	.447	.453	.449	.452	.452	.450	.436	.415	.404	.394	.389	.401	.435	.446	.469	.484	.486	.476	.444
„ 18,...	.476	.471	.465	.466	.462	.479	.493	.520	.541	.548	.541	.543	.524	.521	.517	.506	.507	.525	.558	.588	.599	.617	.635	.634	.531
„ 19,...	.624	.610	.618	.633	.624	.634	.664	.657	.673	.678	.686	.693	.681	.673	.666	.659	.642	.659	.690	.717	.733	.752	.746	.737	.673
„ 20,...	.715	.707	.699	.700	.699	.706	.704	.720	.722	.734	.726	.723	.714	.697	.684	.676	.672	.686	.699	.710	.714	.723	.710	.684	.705
„ 21,...	.659	.658	.656	.653	.648	.655	.661	.669	.676	.704	.687	.687	.675	.666	.661	.659	.649	.655	.658	.651	.660	.681	.676	.668	.665
„ 22,...	.640	.638	.638	.629	.631	.633	.655	.676	.668	.669	.682	.684	.676	.666	.658	.650	.634	.647	.676	.681	.699	.712	.705	.704	.665
„ 23,...	.699	.684	.672	.669	.671	.687	.701	.712	.725	.741	.731	.713	.696	.692	.678	.675	.674	.683	.694	.714	.715	.731	.726	.726	.700
„ 24,...	.710	.679	.681	.681	.678	.687	.705	.720	.716	.729	.691	.689	.683	.662	.647	.636	.631	.633	.640	.649	.652	.650	.642	.629	.672
„ 25,...	.642	.633	.602	.593	.580	.611	.622	.640	.645	.648	.627	.617	.611	.609	.603	.595	.593	.607	.622	.641	.665	.678	.659	.657	.625
„ 26,...	.638	.630	.621	.623	.630	.655	.685	.702	.719	.722	.724	.721	.718	.712	.704	.692	.696	.707	.718	.738	.760	.772	.769	.760	.701
„ 27,...	.747	.732	.735	.734	.739	.753	.779	.787	.806	.806	.803	.784	.764	.759	.749	.736	.733	.734	.740	.747	.760	.765	.766	.755	.759
„ 28,...	.750	.742	.741	.747	.746	.749	.762	.759	.764	.763	.757	.735	.702	.691	.662	.637	.628	.632	.644	.659	.673	.683	.676	.672	.707
„ 29,...	.650	.638	.628	.620	.619	.633	.641	.647	.649	.648	.631	.616	.587	.559	.542	.527	.532	.539	.553	.570	.594	.608	.610	.597	.602
„ 30,...	.575	.567	.546	.548	.543	.549	.560	.579	.597	.592	.579	.576	.577	.562	.553	.535	.518	.518	.540	.568	.563	.561	.582	.591	.562
„ 31,...	.569	.561	.556	.554	.560	.582	.604	.615	.628	.614	.622	.611	.590	.578	.554	.537	.531	.540	.548	.567	.577	.585	.590	.592	.578
Hourly Means, ...	29.627	29.617	29.611	29.608	29.609	29.619	29.633	29.642	29.649	29.653	29.648	29.639	29.624	29.612	29.598	29.588	29.584	29.589	29.604	29.621	29.635	29.646	29.644	29.638	29.622

TABLE II.

TEMPERATURE FOR THE MONTH OF JULY, 1890.

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,	80.3	80.6	80.7	80.6	80.5	80.4	80.7	80.2	79.7	80.3	80.3	81.0	81.1	82.3	84.1	82.7	82.5	81.6	80.7	80.3	80.4	79.9	79.8	79.5	80.8	85.7	78.7
" 2,	79.2	79.2	79.3	79.4	79.3	80.0	80.8	83.2	84.5	84.8	87.1	87.1	84.5	86.4	84.6	85.4	84.8	83.7	82.1	82.0	81.6	81.9	81.6	81.7	82.7	89.0	78.4
" 3,	81.5	81.5	81.7	82.3	82.0	81.8	82.5	83.3	83.0	83.1	84.7	86.4	86.0	85.7	85.0	85.1	85.3	83.6	82.1	82.2	82.3	82.9	82.3	82.3	83.3	88.0	80.9
" 4,	82.2	81.7	82.3	82.0	82.2	82.6	81.7	80.7	83.9	84.1	84.3	83.1	79.0	82.5	83.1	82.7	82.3	82.7	82.9	83.1	83.1	81.3	81.7	81.9	82.4	87.1	75.2
" 5,	82.2	82.0	82.2	82.5	82.6	82.9	82.7	77.4	76.0	75.8	75.9	76.6	81.1	83.9	84.2	83.9	83.2	82.9	82.9	82.1	82.5	81.2	81.8	80.6	81.2	86.1	73.3
" 6,	81.1	82.2	82.1	82.3	81.7	82.5	83.1	82.5	82.5	73.8	75.4	79.0	81.7	82.3	85.1	85.2	84.0	82.9	82.0	82.8	82.6	83.0	82.5	82.3	81.9	87.3	72.9
" 7,	82.4	82.3	81.4	81.4	81.4	81.5	82.8	84.1	83.8	83.1	78.8	82.1	85.1	86.0	86.6	86.7	84.9	84.6	83.0	83.1	83.2	83.1	83.1	83.2	83.2	89.2	78.8
" 8,	82.7	82.9	82.0	82.1	81.5	81.7	80.6	78.1	76.1	74.8	75.0	76.0	76.9	76.9	76.2	76.6	76.5	76.6	76.7	76.5	77.2	77.3	77.5	77.4	78.1	84.2	74.3
" 9,	77.0	76.8	77.6	75.5	75.4	75.0	75.2	76.1	77.5	78.0	79.1	81.3	82.2	82.1	80.9	79.9	78.4	78.0	77.0	77.1	77.2	77.4	76.9	77.3	77.9	86.0	74.1
" 10,	77.0	76.7	76.4	76.4	76.2	76.9	77.9	78.8	79.7	82.3	84.6	85.5	85.8	74.3	79.0	80.9	82.0	80.3	79.0	78.7	79.1	78.8	78.5	78.6	79.3	87.6	74.3
" 11,	79.0	79.9	79.3	80.1	79.6	79.0	81.1	81.5	82.1	82.4	82.4	84.5	85.1	85.6	84.4	85.2	84.4	83.5	81.9	82.0	83.9	81.8	81.3	81.4	82.1	87.8	77.6
" 12,	80.7	80.7	79.7	79.6	79.0	79.6	81.7	82.3	84.3	83.8	86.1	85.2	84.6	84.4	85.4	83.7	84.3	83.2	81.9	81.1	81.2	81.3	80.9	80.0	82.3	87.3	79.0
" 13,	79.8	79.0	78.6	78.3	78.1	78.6	81.1	82.4	83.8	85.2	86.2	86.1	86.2	83.9	83.8	84.9	85.5	82.9	82.0	81.8	81.1	80.9	80.6	80.0	82.1	87.7	77.1
" 14,	79.8	79.2	79.0	79.0	79.1	79.8	82.0	82.3	84.4	84.9	85.8	83.1	87.3	87.8	84.7	85.0	84.9	83.3	83.0	82.7	82.9	83.0	83.2	82.9	82.9	89.5	78.7
" 15,	82.7	82.0	82.2	81.8	81.6	80.8	82.1	82.9	83.8	84.9	87.0	87.3	88.0	87.4	85.0	84.9	83.8	82.9	81.9	81.7	81.8	82.3	82.4	81.4	83.4	90.1	79.9
" 16,	80.8	80.1	80.3	80.5	79.9	80.3	77.7	78.2	78.0	79.7	83.9	84.2	84.8	84.2	83.2	82.1	80.4	81.0	80.4	79.4	79.1	78.9	78.7	78.8	80.6	86.6	77.3
" 17,	78.7	78.1	78.2	78.4	78.5	79.2	79.9	82.0	83.4	84.1	85.0	87.0	83.7	84.2	83.6	84.8	84.8	83.2	82.1	81.1	82.0	81.9	80.8	80.3	81.9	88.4	77.5
" 18,	81.4	81.7	81.4	81.1	81.1	81.1	82.5	81.4	81.4	80.9	84.0	84.7	87.9	86.9	87.1	83.9	85.8	81.9	80.9	81.0	81.2	78.0	78.2	79.0	82.3	89.9	77.4
" 19,	79.0	79.9	74.3	74.6	74.7	75.2	74.9	74.1	74.2	75.1	75.1	74.3	76.2	76.7	77.0	77.6	78.4	77.9	78.0	78.0	77.1	77.4	77.7	78.7	76.5	81.4	73.3
" 20,	77.8	78.4	77.8	77.4	77.0	78.8	80.1	80.5	81.4	81.9	81.6	82.4	81.9	82.4	81.6	74.9	76.2	75.8	75.9	76.3	76.2	76.1	75.7	75.6	78.5	83.7	74.6
" 21,	75.9	75.8	75.8	76.0	76.2	76.5	76.9	77.9	77.8	73.7	73.5	74.4	77.9	77.9	77.3	76.6	75.7	76.7	76.0	75.8	76.1	76.2	76.0	76.2	76.2	79.1	73.0
" 22,	76.2	76.2	76.3	76.3	76.3	77.1	78.9	79.7	78.6	78.3	79.5	80.5	79.2	76.6	79.5	78.9	79.1	78.1	78.0	79.0	80.1	80.0	79.8	80.0	78.4	80.6	76.2
" 23,	80.5	81.2	81.2	81.1	81.1	81.4	81.8	82.5	82.1	81.9	82.3	82.9	84.1	84.1	82.9	81.9	80.5	80.1	78.1	78.9	76.8	75.9	75.5	74.0	80.5	85.9	74.0
" 24,	74.0	73.1	72.6	72.8	73.3	74.3	74.5	75.6	73.9	75.8	79.7	78.7	81.7	81.3	81.8	82.0	81.9	82.0	82.2	82.2	81.4	82.0	81.7	82.4	78.4	83.2	72.3
" 25,	76.5	74.2	74.5	74.9	75.7	75.7	76.7	75.2	75.4	74.9	79.6	81.7	82.2	82.1	82.2	83.3	81.9	82.1	82.3	82.4	82.5	82.5	82.0	81.9	79.3	83.6	73.2
" 26,	82.0	81.6	81.6	81.6	81.7	82.0	82.1	81.6	82.1	80.9	81.6	82.7	83.6	83.5	83.4	83.1	82.2	82.0	81.9	81.2	81.1	81.0	81.1	80.8	81.9	84.7	80.0
" 27,	80.8	80.8	80.6	80.7	80.7	80.9	81.8	81.4	82.2	83.2	84.6	85.8	85.9	85.2	87.3	84.4	85.3	82.0	81.0	80.8	80.0	79.1	78.9	78.7	82.2	88.2	78.7
" 28,	78.3	78.2	77.9	77.8	78.2	78.5	81.0	82.1	82.0	82.7	83.5	85.5	86.1	85.8	86.5	86.0	85.4	84.4	82.1	81.5	80.9	79.9	80.7	80.4	81.9	87.5	77.0
" 29,	79.4	79.4	78.9	79.1	79.0	79.6	80.8	81.8	83.0	83.2	86.2	86.5	87.6	88.4	88.6	87.9	87.3	86.9	82.9	82.2	82.3	81.9	81.6	81.4	83.2	89.5	78.2
" 30,	81.1	80.9	80.9	80.4	81.1	81.7	81.9	83.2	85.6	85.9	86.7	85.6	85.0	84.1	84.1	83.3	83.1	82.9	81.5	81.0	81.2	82.0	82.1	81.7	82.8	89.1	79.8
" 31,	81.8	82.0	81.7	81.9	81.4	81.3	81.5	82.2	83.2	84.4	84.3	88.2	87.9	86.9	85.5	86.0	84.7	83.6	81.9	81.2	81.1	80.4	80.8	80.3	83.1	89.6	80.2
Hourly Means,	79.7	79.6	79.3	79.3	79.2	79.6	80.3	80.5	80.9	80.9	82.1	82.9	83.6	83.3	83.3	82.9	82.6	81.7	80.8	80.6	80.6	80.3	80.2	79.7	81.0	86.6	76.6

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION, FOR THE MONTH OF JULY, 1890.

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, ..	77.9	77.2	77.1	76.9	77.1	78.0	78.6	78.3	75.7	77.9	78.5	78.6	78.6	79.1	80.6	79.0	78.6	78.7	78.1	78.2	77.6	78.0	77.9	78.1	78.1	132.0
„ 2,...	77.8	77.8	77.9	77.9	78.0	78.8	78.9	80.1	80.1	79.3	80.7	80.5	79.3	79.7	78.4	78.9	77.2	77.4	77.0	77.8	77.9	77.9	78.0	78.0	78.6	150.8
„ 3,...	77.9	77.7	77.4	77.2	77.4	77.8	78.4	78.9	79.9	78.9	79.0	80.3	79.0	79.4	79.2	78.7	78.8	78.5	77.9	78.1	78.0	78.6	78.2	77.9	78.5	148.0
„ 4,...	77.9	77.9	78.1	78.1	78.2	78.2	78.7	78.9	78.9	78.7	78.7	79.5	76.7	78.8	79.4	79.1	79.5	79.6	79.6	79.7	79.7	78.2	79.6	79.0	78.8	143.4
„ 5,...	78.9	79.5	79.5	79.7	79.5	79.5	79.8	76.6	74.9	73.9	74.2	75.7	79.1	80.0	80.1	79.9	80.0	79.8	79.0	79.8	78.9	78.9	79.1	78.1	78.5	139.5
„ 6,...	79.1	79.1	79.1	79.4	79.3	79.9	80.1	79.8	79.6	72.8	74.5	77.2	79.0	79.3	79.7	79.7	79.1	78.4	78.1	78.4	78.7	78.9	78.8	78.7	78.6	126.9
„ 7,...	78.5	78.7	78.6	78.7	78.5	78.5	79.7	80.2	79.7	80.0	76.5	77.0	79.7	80.2	80.7	80.4	78.5	78.5	78.1	78.3	78.5	79.0	79.6	79.7	79.1	145.7
„ 8,...	79.2	79.2	79.3	79.2	79.4	79.6	77.8	76.7	74.9	74.3	74.4	75.0	75.1	74.7	74.5	73.1	73.6	73.7	74.0	74.7	74.8	75.0	74.2	74.2	75.9	87.8
„ 9,...	74.8	75.0	74.7	72.6	73.1	72.9	73.7	74.6	75.4	75.3	76.2	77.3	76.4	76.7	76.5	76.0	75.8	75.3	74.9	74.9	75.1	75.9	75.3	75.1	75.1	149.9
„ 10,...	75.3	75.2	74.8	74.8	74.8	74.7	75.7	76.2	76.8	77.9	79.7	78.1	78.9	73.4	76.5	77.7	77.0	74.3	73.0	74.3	74.7	75.9	75.8	76.2	75.9	144.5
„ 11,...	77.3	77.6	77.2	77.6	76.2	75.8	77.9	78.7	79.8	79.4	79.7	79.8	78.7	79.0	79.1	79.1	79.0	78.2	78.6	78.3	78.1	77.9	77.7	77.6	78.3	147.8
„ 12,...	77.9	77.1	76.5	76.7	76.4	76.6	78.0	77.9	79.7	78.8	81.0	79.0	79.2	79.2	80.1	78.7	79.0	78.1	77.1	77.5	77.7	78.2	77.6	77.5	78.1	141.4
„ 13,...	77.8	76.6	76.5	76.2	76.4	76.5	78.0	78.3	79.3	79.9	80.3	79.6	79.7	78.7	77.9	79.1	78.4	77.6	77.0	77.0	77.0	76.9	77.3	76.9	77.9	146.5
„ 14,...	76.8	76.6	76.9	76.6	76.7	76.9	78.0	76.8	79.2	79.3	79.6	79.1	81.0	80.6	78.1	78.9	79.2	79.6	78.8	78.8	78.8	78.9	78.7	78.5	78.4	150.6
„ 15,...	78.2	77.8	77.5	77.4	77.2	77.3	78.9	79.1	79.8	80.0	80.2	79.8	80.0	79.4	79.2	78.8	78.8	78.2	78.4	78.4	77.8	77.4	77.7	78.3	78.6	149.4
„ 16,...	78.3	77.1	77.6	77.8	77.1	77.5	76.0	75.6	75.7	77.4	79.2	78.9	77.9	79.1	78.8	78.3	77.8	76.7	76.4	76.7	76.7	76.7	76.6	76.7	77.4	145.6
„ 17,...	76.9	76.6	76.5	76.5	76.4	76.5	76.9	78.2	77.4	78.0	78.1	80.6	79.1	79.7	78.8	79.8	78.9	78.6	77.9	77.6	78.3	78.0	78.2	77.9	78.0	149.6
„ 18,...	78.4	77.8	76.8	77.6	77.6	77.0	77.9	77.3	77.6	77.8	80.0	79.6	80.5	79.6	79.8	78.8	78.7	78.9	78.5	78.1	78.5	76.0	76.0	76.6	78.1	149.4
„ 19,...	77.2	77.6	73.9	74.2	74.7	75.0	74.8	73.9	74.1	74.9	74.7	74.3	73.9	74.7	73.9	74.6	75.0	74.9	74.9	75.1	75.9	75.7	75.6	75.4	75.0	92.4
„ 20,...	75.8	75.0	74.7	74.9	74.9	75.1	76.1	77.2	76.4	74.5	74.6	75.6	76.4	76.8	77.1	71.9	73.9	72.2	72.9	73.8	73.9	74.0	74.2	74.2	74.8	121.4
„ 21,...	73.9	74.2	74.2	74.5	74.8	75.0	75.5	76.2	76.2	72.3	73.0	73.5	75.2	76.0	75.7	75.1	74.8	74.8	74.7	74.9	74.9	75.0	74.9	75.1	74.8	124.1
„ 22,...	75.1	75.1	75.2	75.3	75.4	76.3	77.6	78.7	78.2	77.9	78.4	78.0	77.7	75.1	77.2	76.9	78.0	76.9	76.9	77.7	78.0	78.5	78.5	78.5	77.1	101.1
„ 23,...	78.4	78.4	78.2	77.4	77.2	78.0	77.9	77.7	77.8	77.5	78.3	78.7	79.1	79.0	78.9	78.4	78.1	77.9	76.1	75.6	74.9	75.1	75.2	73.5	77.4	128.5
„ 24,...	73.6	72.0	70.6	71.5	71.5	72.7	73.0	73.9	73.8	74.0	77.3	76.9	78.8	78.3	78.0	78.2	78.2	78.0	77.9	78.1	79.3	78.7	78.5	78.7	75.9	105.3
„ 25,...	72.3	73.1	73.3	73.3	74.7	74.3	74.9	72.7	74.0	73.4	76.9	77.9	77.9	77.9	78.0	78.3	78.8	78.5	78.6	78.7	78.8	78.9	78.6	78.5	76.3	115.2
„ 26,...	78.2	78.2	78.2	78.2	78.0	77.9	78.0	78.2	78.3	78.1	78.0	78.0	78.2	78.9	79.0	78.9	78.1	78.4	78.0	77.9	77.8	78.0	77.8	77.8	78.2	110.3
„ 27,...	78.0	78.0	77.6	77.7	77.8	77.8	78.3	77.6	78.4	79.0	78.7	79.5	79.8	80.3	80.8	78.2	79.1	77.8	77.9	77.7	77.5	77.0	77.4	77.0	78.3	146.8
„ 28,...	76.5	76.4	76.4	76.3	75.9	76.4	79.0	78.9	77.4	77.3	77.9	79.4	79.9	78.9	79.7	78.9	78.9	79.6	76.6	76.8	76.9	77.1	77.6	77.3	77.7	148.3
„ 29,...	77.3	77.4	77.1	76.9	76.9	76.5	77.9	78.2	79.1	78.4	80.5	80.0	80.7	79.6	79.8	79.7	78.8	80.7	78.9	78.9	79.6	79.9	79.1	79.4	78.8	136.2
„ 30,...	78.9	78.5	78.4	78.0	77.4	78.1	78.6	79.3	81.1	80.9	81.4	80.9	80.5	80.2	80·1	79.9	79.7	79.6	78.9	78.8	78.9	79.2	78.4	78.3	79.3	151.6
„ 31,...	78.0	78.3	78.5	78.8	78.3	78.5	78.8	79.1	79.8	80.2	80.3	82.1	80.9	80.3	80.3	80.0	79.7	79.2	78.1	78.3	77.9	77.7	77.9	77.7	79.1	149.8
Hourly Mean ...	77.1	77.0	76.7	76.7	76.7	76.9	77.5	77.5	77.7	77.4	78.1	78.4	78.6	78.5	78.6	78.2	78.0	77.7	77.2	77.4	77.5	77.5	77.4	77.3	77.6	134.8

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR FOR THE MONTH OF JULY, 1890.

Hour.	Hourly Mean.		Date.	Daily Mean.	
	Humidity.	Tension.		Humidity.	Tension.
			1890.		
1 a	89	0.898	July 1,.....	88	0.927
2 „	89	.895	„ 2,.....	83	.924
3 „	89	.886	„ 3,.....	80	.912
4 „	89	.886	„ 4,.....	85	.937
5 „	89	.887	„ 5,.....	88	.940
6 „	88	.890	„ 6,.....	86	.935
7 „	88	.908	„ 7,.....	83	.940
8 „	87	.905	„ 8,.....	90	.866
9 „	86	.909	„ 9,.....	87	.835
10 „	85	.895	„ 10,.....	85	.849
11 „	83	.910	„ 11,.....	84	.918
Noon.	81	.913	„ 12,.....	82	.906
1 p	79	.913	„ 13,.....	82	.900
2 „	80	.913	„ 14,.....	81	.912
3 „	80	.917	„ 15,.....	80	.915
4 „	80	.904	„ 16,.....	86	.899
5 „	81	.888	„ 17,.....	83	.907
6 „	83	.898	„ 18,.....	82	.906
7 „	85	.888	„ 19,.....	93	.849
8 „	86	.900	„ 20,.....	83	.814
9 „	87	.904	„ 21,.....	93	.845
10 „	88	.908	„ 22,.....	94	.915
11 „	88	.905	„ 23,.....	87	.900
Midt.	89	.907	„ 24,.....	89	.862
			„ 25,.....	87	.867
			„ 26,.....	84	.917
			„ 27,.....	83	.917
			„ 28,.....	82	.894
			„ 29,.....	81	.926
			„ 30,.....	85	.955
			„ 31,.....	83	.941
Mean,.....	85	0.901	Mean.	85	0.901

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.
1890.														
July 1,.....	...	...	...	...	...	...	...	...	...	0.8	0.3	...	...	1.1
„ 2,.....	...	0.2	0.5	0.8	0.9	1.0	0.6	0.5	0.9	0.4	1.0	1.0	0.5	8.3
„ 3.....	...	...	0.6	0.7	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	8.8
„ 4,.....	...	...	0.5	0.9	0.9	0.9	...	...	...	...	...	...	...	3.2
„ 5,.....	...	...	...	...	...	...	...	...	0.1	...	...	...	...	0.1
„ 6, ...	...	...	...	...	...	...	...	...	...	...	0.5	...	...	0.5
„ 7,.....	...	0.3	0.5	0.1	0.1	0.5	0.8	1.0	1.0	0.8	0.9	0.9	0.3	7.2
„ 8,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 9,.....	...	...	...	...	0.1	0.2	...	0.5	0.3	...	...	...	...	1.1
„ 10,.....	...	...	...	0.2	1.0	1.0	1.0	0.3	0.1	...	0.9	1.0	0.2	5.7
„ 11,.....	...	0.4	...	0.1	0.8	0.8	0.8	0.9	0.6	0.8	1.0	1.0	0.2	7.4
„ 12,.....	...	0.9	0.9	0.6	0.8	0.9	1.0	1.0	1.0	1.0	0.9	1.0	0.5	10.5
„ 13,.....	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	1.0	0.8	...	11.0
„ 14,.....	...	0.6	0.9	1.0	1.0	0.8	0.1	0.9	0.7	...	...	...	...	6.0
„ 15,.....	...	...	0.2	0.1	0.6	1.0	1.0	1.0	0.7	0.6	0.1	0.6	0.1	6.0
„ 16,.....	...	...	...	...	0.1	0.4	0.9	0.9	1.0	0.8	0.1	...	...	4.2
„ 17,.....	...	...	0.6	0.6	1.0	0.8	0.9	0.1	0.2	...	...	...	...	4.2
„ 18,.....	0.1	0.9	...	...	...	...	0.1	1.0	0.8	0.8	0.4	0.6	...	4.7
„ 19,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 20,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 21,.....	...	0.1	...	...	...	...	...	...	...	...	...	...	...	0.1
„ 22,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 23,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 24,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 25,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 26,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 27,.....	...	0.3	0.3	0.7	1.0	1.0	1.0	0.8	1.0	0.9	1.0	0.9	...	8.9
„ 28,.....	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	12.0
„ 29,.....	...	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	11.4
„ 30,.....	...	0.4	0.8	0.9	0.9	0.6	0.1	...	...	...	...	...	...	3.7
„ 31,.....	...	...	...	...	...	0.2	0.7	1.0	0.3	0.6	1.0	0.7	...	4.5
Sums,.....	0.9	6.9	8.8	9 7	12.4	14.1	13.0	13.9	12.7	11.3	12.1	11.5	3.3	130.6

TABLE VI.

RAINFALL FOR THE MONTH OF JULY, 1890.

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.	Victoria Peak.
July 1,.....	...	...	...	...	...	...	...	0.215	0.005	0.080	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.300	1	...
„ 2,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 3,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 4,.....	...	...	...	...	...	...	* 0.050	...	...	...	...	0.015	0.040	...	0.150	0.260	...	...	...	...	...	...	...	...	0.515	2	1.45
„ 5,.....	...	...	...	...	...	...	0.030	0.650	1.510	0.300	0.210	...	...	...	...	...	...	...	...	...	...	...	...	...	2.700	5	0.60
„ 6,.....	...	...	...	...	...	...	...	...	...	0.085	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	0.090	1	...
„ 7,.....	...	...	...	...	...	...	...	...	...	0.040	...	...	...	...	...	...	...	...	...	...	...	...	...	0.060	0.100	1	2.21
„ 8,.....	...	...	0.240	...	...	...	0.650	0.850	0.100	0.185	0.120	0.030	0.030	0.040	...	...	0.020	...	...	...	...	...	...	...	2.265	7	0.80
„ 9,.....	...	...	0.025	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	...	...	...	...	...	0.030	1	...
„ 10,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.370	...	...	...	...	...	...	...	...	...	...	0.370	0	...
„ 11,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 12,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 13,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 14,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 15,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.40
„ 16,.....	...	...	...	...	...	0.050	0.275	...	...	...	...	...	...	...	...	0.050	...	...	...	...	...	...	...	...	0.375	1	...
„ 17,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	...	...	...	...	...	...	...	...	...	...	0.005	0	...
„ 18,.....	...	...	...	...	...	...	...	...	0.005	...	...	...	...	...	...	...	...	0.030	...	...	...	...	...	...	0.035	1	3.20
„ 19,.....	...	0.250	0.730	0.220	0.230	0.350	0.970	0.390	0.510	0.060	1.000	0.750	0.150	0.150	...	0.030	0.010	...	...	...	...	...	0.015	...	5.815	15	2.85
„ 20,.....	0.085	...	...	0.050	...	...	...	...	...	...	...	...	...	...	...	0.220	0.120	0.060	...	...	...	...	...	...	0.535	4	0.67
„ 21,.....	...	...	...	...	...	...	...	...	...	0.080	0.095	0.170	...	...	...	...	...	...	...	...	...	...	...	...	0.345	3	0.62
„ 22,.....	...	...	...	0.085	...	...	...	...	0.065	0.040	0.060	...	0.445	...	...	...	...	...	...	...	...	...	...	...	0.695	3	0.70
„ 23,.....	...	...	0.005	...	...	...	...	...	0.285	...	0.010	...	...	...	...	...	0.015	0.115	0.030	...	0.060	0.150	0.870	0.810	2.350	6	6.25
„ 24,.....	1.060	0.265	0.155	0.185	0.020	...	...	...	1.890	0.420	...	...	...	0.005	...	...	...	0.005	...	...	...	...	...	0.005	4.010	6	2.60
„ 25,.....	0.805	0.510	...	0.640	0.370	0.060	* 0.005	* 0.010	* 0.020	* 0.025	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1.945	6	0.38
„ 26,.....	...	...	...	...	...	...	...	...	...	0.120	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.120	0	0.19
„ 27,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 28,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 29,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 30,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 31,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums, ...	1.450	1.025	1.155	1.180	0.620	0.460	1.980	2.115	4.390	1.435	1.500	0.965	0.665	0.570	0.150	0.560	0.165	0.210	0.035	0.000	0.060	0.150	0.885	0.875	22.600	63	22.92

* Entered from total according to estimation.

The daily duration of rain at the Observatory is entered from estimation.

The rainfall at Victoria Peak is measured at 10 a. and entered to preceding day.

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND FOR THE MONTH OF JULY, 1890.

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,	10	14	12	14	12	16	12	15	12	10	10	7	7	7	9	6	13	11	4	10	11	6	8	12	7	12	7	12	8	10	8	15	12	12	12	5	7	7	10	4	10	4	8	4	8	4	8	4	221	9.2	10
" 2,	8	5	8	4	6	4	6	5	6	5	6	3	6	1	13	5	16	7	16	11	16	10	16	12	16	10	18	8	17	10	19	11	19	16	18	12	18	9	19	6	17	5	17	5	15	7	18	9	180	7.5	16
" 3,	18	13	19	16	18	13	18	18	19	17	19	17	18	18	19	16	20	15	20	17	20	20	20	17	18	25	18	22	18	21	19	15	19	15	18	12	18	13	17	8	18	14	18	12	19	15	19	15	384	16.0	19
" 4,	18	17	20	18	19	19	20	15	20	13	19	18	19	19	27	6	20	16	19	22	19	27	18	21	19	25	18	22	18	25	19	26	19	23	20	19	20	14	19	15	18	16	19	17	16	12	17	15	440	18.3	19
" 5,	18	23	20	25	20	24	18	31	18	31	19	24	18	29	24	27	28	28	26	33	26	14	26	4	28	3	20	10	20	14	19	17	21	15	19	14	18	17	15	12	17	9	24	7	18	6	27	3	420	17.5	20
" 6,	23	6	18	10	17	9	19	11	18	7	21	8	20	7	20	8	18	13	24	23	32	4	32	2	32	3	4	2	4	8	19	11	18	9	18	8	16	7	18	12	17	10	17	10	18	11	18	7	206	8.6	19
" 7,	18	11	18	9	17	5	16	4	24	2	18	4	18	5	16	7	16	10	16	8	28	18	28	4	7	4	24	7	17	10	20	10	19	12	18	11	17	8	16	8	17	4	17	3	16	6	16	10	180	7.5	18
" 8,	19	8	17	9	17	10	16	7	17	7	20	9	18	14	32	13	8	13	8	16	8	9	7	8	16	9	9	7	14	7	16	3	12	7	12	6	5	6	6	6	8	5	8	5	8	4	8	3	191	8.0	12
" 9,	8	13	8	17	9	13	16	5	6	5	7	8	8	14	7	12	7	11	8	11	7	11	26	5	16	7	20	8	16	7	24	7	23	8	27	3	27	3	1	4	2	3	32	4	32	2	8	3	184	7.7	8
" 10,	7	3	7	2	7	2	7	3	7	2	7	0	7	1	7	1	7	3	8	3	8	3	8	9	16	7	17	16	19	7	28	5	28	4	28	3	...	1	28	2	28	4	32	5	5	4	5	2	92	3.8	9
" 11,	13	4	17	5	18	3	17	6	18	11	15	6	14	2	14	4	14	4	14	5	27	5	10	6	15	8	16	10	14	9	15	12	15	10	15	10	14	10	12	15	13	12	14	12	12	7	12	7	183	7.6	14
" 12,	13	6	14	9	14	5	8	5	7	5	7	5	8	3	8	4	8	7	9	8	8	13	8	15	8	16	8	20	8	17	8	14	8	14	11	11	10	10	10	9	9	8	9	7	9	5	9	7	223	9.3	9
" 13,	9	6	13	3	...	1	13	3	...	1	13	5	10	6	8	8	9	12	8	13	8	16	8	16	8	17	8	16	9	11	9	7	15	7	9	7	14	6	16	3	...	1	...	1	18	2	...	0	168	7.0	9
" 14,	19	2	...	1	...	1	...	1	...	0	19	2	19	7	24	10	26	8	25	10	23	12	23	10	23	8	22	12	21	11	21	9	20	6	21	10	22	5	18	1	22	7	19	4	18	7	19	6	150	6.2	22
" 15,	17	7	17	7	18	8	19	10	20	10	17	5	21	5	23	4	24	5	27	6	27	5	25	9	26	4	10	9	8	16	8	16	8	18	8	15	8	10	10	10	9	15	9	14	10	15	8	16	239	10.0	11
" 16,	10	14	9	13	7	9	8	10	5	15	8	10	8	11	7	11	7	5	3	3	5	8	7	12	9	20	9	17	8	16	8	16	8	13	8	7	4	4	6	6	7	4	...	1	32	3	...	1	229	9.5	8
" 17,	...	1	30	3	30	2	27	5	24	8	25	6	26	10	27	11	27	13	28	19	28	16	24	15	24	16	24	14	22	12	22	7	23	6	21	7	21	4	23	5	20	6	20	4	23	6	24	6	202	8.4	25
" 18,	22	7	20	17	20	14	21	13	21	13	20	18	21	14	20	17	22	10	16	5	26	4	26	3	26	3	16	11	16	12	17	12	17	9	16	5	16	6	15	8	15	5	24	9	16	3	14	3	221	9.2	19
" 19,	8	3	14	10	28	16	28	6	29	9	29	5	7	10	30	5	4	5	7	9	7	13	25	12	18	6	17	10	18	22	19	18	18	12	16	5	16	3	11	5	9	9	8	9	8	16	11	22	240	10.0	13
" 20,	11	22	12	20	12	10	11	8	7	9	12	13	12	20	12	22	12	19	14	25	14	17	12	14	12	17	13	13	13	16	15	20	14	23	11	13	6	10	6	11	7	10	8	9	6	8	8	5	354	14.8	12
" 21,	8	3	8	5	8	5	8	4	7	7	8	10	8	12	7	9	7	11	16	12	16	4	8	3	9	4	9	9	8	14	12	11	4	5	4	2	1	2	32	4	32	3	3	3	3	3	5	3	148	6.2	8
" 22,	5	4	5	5	5	3	8	3	3	2	28	6	28	3	24	6	27	8	28	6	27	7	20	14	21	11	31	6	30	2	30	2	30	3	4	4	4	3	3	2	18	3	28	4	28	2	22	3	112	4.7	27
" 23,	18	4	17	8	18	9	19	8	18	8	18	10	18	13	18	17	17	12	18	20	18	16	18	19	18	19	19	16	17	12	17	10	17	6	16	4	16	10	14	11	7	10	6	14	8	14	16	6	276	11.5	17
" 24,	32	8	12	6	7	8	8	17	7	18	7	13	7	14	6	11	8	10	14	10	6	7	8	6	16	8	18	15	17	18	17	15	17	12	18	18	17	13	17	15	15	15	15	20	16	22	18	19	318	13.2	14
" 25,	30	17	19	9	30	4	6	3	24	6	14	5	7	12	29	6	28	14	23	9	16	12	18	22	18	26	17	23	18	19	17	15	15	13	17	12	16	15	15	19	16	16	15	20	16	15	15	14	326	13.6	17
" 26,	15	23	16	18	15	18	16	23	16	20	16	18	16	18	16	14	16	16	17	17	16	16	16	16	16	17	16	16	15	16	15	13	15	12	15	11	15	12	16	8	15	10	15	9	14	10	14	10	361	15.0	16
" 27,	14	10	15	13	15	11	15	11	15	10	16	15	16	15	18	13	20	12	20	13	19	11	20	10	20	8	21	11	19	11	18	12	19	8	20	6	...	1	21	2	21	2	21	2	...	1	21	2	210	8.8	18
" 28,	...	1	21	2	...	1	...	0	24	2	24	4	24	4	25	5	26	6	25	6	25	10	24	8	24	10	24	10	23	11	22	10	21	11	21	8	22	3	20	4	18	2	1	3	24	5	22	9	135	5.6	23
" 29,	26	7	26	9	27	6	23	8	28	4	24	6	26	9	26	15	25	13	22	9	22	9	22	10	22	12	22	12	22	10	22	10	23	9	23	3	14	5	27	6	32	5	28	2	32	5	2	2	186	7.7	24
" 30,	2	3	30	2	30	2	3	6	20	5	20	9	20	11	20	12	23	10	20	10	19	12	18	11	19	9	19	8	18	7	17	6	18	6	17	3	19	2	14	3	15	6	17	4	18	4	22	8	159	6.6	19
" 31,	20	13	20	10	20	10	19	11	20	16	21	13	21	11	21	11	21	12	20	11	21	12	19	10	21	14	18	11	18	12	19	12	19	10	19	8	19	3	28	3	6	5	7	3	6	4	6	3	228	9.5	20
Sums,	...	278	...	299	...	261	...	275	...	278	...	282	...	325	...	316	...	339	...	380	...	347	...	335	...	358	...	383	...	393	...	367	...	334	...	262	...	222	...	227	...	228	...	226	...	228	...	223	7166	298.6	...
Hourly Means,	...	9.0	...	9.6	...	8.4	...	8.9	...	9.0	...	9.1	...	10.5	...	10.2	...	10.9	...	12.3	...	11.2	...	10.8	...	11.5	...	12.4	...	12.7	...	11.8	...	10.8	...	8.5	...	7.2	...	7.3	...	7.4	...	7.3	...	7.4	...	7.2	231.2	9.6	...

TABLE VIII.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR JULY, 1890.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N-S	+E-W	
1 a.	1.06	3.13	5.06	2.19	−4.00	+ 0.94	S 13° E
2 „	0.39	2.77	6.37	2.89	5.98	− 0.12	S 1° W
3 „	0.99	2.24	5.13	2.70	4.14	0.46	S 6° W
4 „	0.52	2.39	5.53	2.56	5.01	0.17	S 2° W
5 „	1.03	2.36	4.79	3.19	3.76	0.83	S 12° W
6 „	0.52	2.26	5.35	3.39	4.83	1.13	S 13° W
7 „	0.58	3.39	5.71	3.42	5.13	0.03	S
8 „	1.54	2.61	3.97	4.58	2.43	1.97	S 39° W
9 „	1.95	3.13	4.10	4.60	2.15	1.47	S 34° W
10 „	2.03	2.72	5.56	5.19	3.53	2.47	S 35° W
11 „	1.97	2.87	4.71	4.62	2.74	1.75	S 33° W
Noon.	0.58	3.17	4.93	4.50	4.35	1.33	S 17° W
1 p.	0.35	2.81	6.75	4.16	6.40	1.35	S 12° W
2 „	0.26	3.16	7.37	4.26	7.11	1.10	S 9° W
3 „	0.26	3.48	8.23	3.65	7.97	0.17	S 1° W
4 „	0.19	2.74	7.74	4.14	7.55	1.40	S 11° W
5 „	0.30	2.60	7.08	3.78	6.78	1.18	S 10° W
6 „	0.26	2.10	5.73	2.71	5.47	− 0.61	S 6° W
7 „	0.58	1.77	4.92	1.48	4.34	+ 0.29	S 4° E
8 „	0.81	2.26	4.88	1.30	4.07	0.96	S 13° E
9 „	0.70	2.74	4.50	1.13	3.80	1.61	S 23° E
10 „	0.81	2.65	3.87	1.50	3.06	1.15	S 21° E
11 „	0.70	2.71	4.08	1.03	3.38	1.68	S 26° E
Midt.	0.26	2.53	4.32	1.90	−4.06	+ 0.63	S 9° E
Mean, ...	0.78	2.69	5.45	3.12	−4.67	− 0.43	S 5° W

TABLE IX.

VICTORIA PEAK.

Date.	Barometer.			Temperature.					Wind.					
	10 a.	4 p.	10 p.	10 a.	4 p.	10 p.	Max.	Min.	10 a.		4 p.		10 p.	
									Direction.	Force.	Direction.	Force.	Direction.	Force.
1890.														
July 1	28.07	28.04	28.03	74	75	74	76	74	SE	4	SE	4	SE	5
„ 2	.09	.02	27.98	75	76	75	77	74	S	4	SW	4	S	4
„ 3	27.98	27.89	.92	75	75	74	76	74	SW	5	SW	5	SW	5
„ 4	.89	.89	.91	76	76	75	76	74	SW	5	SW	6	SW	5
„ 5	.95	.94	.95	76	76	75	76	74	W	6	SW	5	SW	5
„ 6	.93	.93	.93	73	76	76	76	73	NW	5	SW	4	S	4
„ 7	.94	.91	.92	76	77	75	78	74	SW	4	SW	4	S	4
„ 8	.91	.90	.93	75	73	73	75	71	S	4	S	4	S	4
„ 9	.98	.96	.96	72	72	73	74	71	S	2	S	3	S	2
„ 10	.97	.92	.93	76	75	73	77	71	S	3	SSE	3	SW	4
„ 11	.91	.88	.92	75	77	75	78	73	S	4	S	4	S	3
„ 12	.95	.91	.93	76	78	75	79	75	S	3	S	3	SE	3
„ 13	.97	.94	.95	78	77	75	80	74	ESE	3	ESE	3	S	4
„ 14	.95	.91	.91	76	78	75	78	75	SW	3	SW	4	SW	4
„ 15	.90	.86	.86	76	78	76	80	75	SW	2	S	3	ESE	4
„ 16	.87	.84	.84	75	77	75	78	75	SE	4	ESE	4	ESE	4
„ 17	.81	.77	.83	76	78	76	78	75	NW	4	WNW	3	SW	4
„ 18	.87	.88	.92	75	75	74	78	74	SW	4	S	5	SW	4
„ 19	.96	.95	.99	74	73	72	74	71	SW	5	SW	5	SW	5
„ 20	28.04	.98	28.02	73	72	70	73	69	SE	5	S	5	S	4
„ 21	27.98	.97	29.98	71	73	73	75	69	SSW	4	SW	4	SW	4
„ 22	28.03	.97	28.01	73	74	74	75	71	S	5	S	4	S	4
„ 23	.03	28.01	27.97	75	75	74	75	74	S	4	S	4	S	5
„ 24	27.93	27.95	.97	72	75	74	76	72	SE	4	SW	5	S	4
„ 25	.97	.92	.95	72	75	75	76	71	SW	4	S	5	S	5
„ 26	28.01	28.02	28.02	75	75	74	76	72	S	5	S	4	S	4
„ 27	.02	.06	.08	75	75	74	76	74	S	4	S	4	S	4
„ 28	.08	27.98	.01	75	77	75	80	74	S	4	SW	2	SW	3
„ 29	27.98	.88	27.93	76	82	77	82	74	NW	4	WNW	3	WSW	3
„ 30	.92	.89	.92	77	77	76	78	75	WSW	4	SW	4	SW	4
„ 31	.95	.89	.91	76	76	75	77	75	WSW	4	SW	4	SW	4
Mean,	27.963	27.931	27.948	74.8	75.7	74.4	76.9	73.1	S 23° W	4.0	S 20° W	4.0	S 14° W	4.0

TABLE X.

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
1890.												
July 1, ...	9	cum.	...	3	cum.	...	10	c-str. / c-cum. / cum.	SSE	10	cum.	SE
„ 2, ...	6	cum.	S	6	cum.	S	9	c-cum. / cum.	S	7	sm-cum. / cum.	S
„ 3, ...	8	cum.	SW	7	cum.	SW	10	cum.	SW	8	c-str. / sm-cum. / cum.	SW
„ 4, ...	7	cum.	SW	9	cum.	SW	10	cum.	SW	5	c-str. / sm-cum. / cum.	SW
„ 5, ...	10	cum.	SW	10	cum.	SW	10	nim.	SW	10	nim.	SW
„ 6, ...	9	cum-nim.	S	10	cum.	SW	10	cum.	WSW	10	nim.	SW
„ 7, ...	10	cum.	SW	10	cum.	SW	10	c-str. / cum.	S	9	sm-cum. / cum.	SSW
„ 8, ...	8	cum-nim.	SW	10	nim.	SW	10	nim.	WSW	10	nim.	...
„ 9, ...	10	cum-nim.	SE	10	cum-nim.	...	10	cum-nim.	E	10	cum.	...
„ 10, ...	10	sm-cum.	...	10	cum.	...	10	sm-cum. / cum.	...	7	sm-cum. / cum.	SW
„ 11, ...	7	sm-cum.	...	9	cum.	SW	10	c-str. / cum.	SSW	7	c-str. / cum.	SW
„ 12, ...	6	sm-cum.	...	8	cum.	SSW	10	c-str. / cum.	S	9	c-str. / cum.	S
„ 13, ...	2	cum.	SE	3	cum.	...	3	c-str. / cum.	E	2	cum.	SSW
„ 14, ...	0	...	...	6	sm-cum.	...	10	c-str. / sm-cum / cum.	W	3	c-str. / cum.	W
„ 15, ...	8	sm-cum. / cum.	WSW	9	sm-cum. / cum.	WSW	10	c-str. / cum.	WSW	9	c-str. / cum.	...
„ 16, ...	10	cum-nim.	E	9	cum.	E	10	nim.	E	10	nim.	...
„ 17, ...	3	c-str.	...	9	c-str.	...	10	c-str. / cum.	E	9	c-str. / cum.	E
„ 18, ...	9	c-str.	W	1	cum.	WSW	8	c-str. / sm-cum. / cum.	WSW	9	str. / cum.	WSW
„ 19, ...	10	cum-nim.	...	10	nim.	...	10	nim.	W	10	nim.	SSE
„ 20, ...	10	nim.	...	10	nim.	...	10	nim.	SE	10	str. / cum.	SSE
„ 21, ...	10	cum-nim.	...	10	c-str.	...	10	c-str. / sm-cum. / cum.	S	10	nim.	....
„ 22, ..	10	cum-nim.	...	10	cum-nim.	...	10	nim.	SW	10	nim.	SW
„ 23, ...	10	cum-nim.	SSW	10	cum.	SW	10	c-str. / sm-cum. / cum.	SW	10	sm-cum. / cum.	SW
„ 24, ...	10	nim.	...	10	nim.	...	10	str. / cum.	S	10	nim.	SW
„ 25, ...	10	nim.	...	10	nim.	...	10	nim.	S	10	cum.	SW
„ 26, ...	10	cum-nim.	SW	10	cum-nim.	SW	10	cum.	S	10	cum.	SSW
„ 27, ...	10	cum-nim.	SW	8	cum.	SW	10	nim.	S	6	c-str. / sm-cum. / cum.	SW
„ 28, ...	5	cum.	...	5	sm-cum.	...	5	sm-cum. / cum.	WSW	2	sm-cum. / cum.	WSW
„ 29, ...	4	c-str.	W	5	cum.	...	8	c-str. / cum.	W	1	c-str.	...
„ 30, ...	10	c-str.	...	10	c-cum.	...	9	c-str. / c-cum. / cum.	WSW	7	c-str. / cum.	WSW
„ 31, ...	10	cum.	...	10	cum.	SW	10	c-cum. / cum.	W	9	c-str. / cum.	W
Mean,..	8.1	...	...	8.3	...	...	9.4	...	...	8.0	...	...

TABLE X,—*Continued.*

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 p.			4 p.			7 p.			10 p.			Daily and Monthly Means.
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	
1890.													
July 1,...	10	c-str. / cum.	SSE	9	c-str. / sm cum. / cum.	S	8	c-str. / c-cum. / cum.	E / .. / S	9	cum.	SSW	8.5
„ 2,...	9	sm-cum. / cum.	SSW	4	cum.	SW	3	cum.	SW	3	cum.	SSW	5.9
„ 3,...	4	c-str. / c cum. / cum.	WSW	3	cum.	SW	7	cum.	SW	8	cum.	SW	6.9
„ 4,...	10	nim.	SW	10	cum.	WSW	10	str. / cum.	WSW	10	nim.	WSW	8.9
„ 5,...	10	cum.	WSW	10	c-str. / sm-cum. / cum.	S / SW	10	c-str. / sm-cum. / cum.	S / WSW	8	cum.	WSW	9.8
„ 6,...	10	str. / cum.	SW	10	c-str. / cum.	SW	9	c-str. / c cum. / cum.	SW	10	cum-nim.	SW	9.7
„ 7,...	6	c-str. / sm-cum. / cum.	WSW	8	c-str. / sm-cum. / cum.	WSW	5	c-str. / cum.	SW	8	cum.	SW	8.2
„ 8,...	10	cum-str.	SSE	10	str. / cum	S	10	str.	...	10	str.	...	9.7
„ 9,...	10	c-str. / cum.	N / WSW	10	c-str. / sm-cum. / cum.	S / SW	10	str. / nim.	...	10	str. / cum.	...	10.0
„ 10,...	8	sm-cum. / cum.	SSW	8	c-str. / sm-cum. / cum.	ENE / .. / SSW	3	c-str. / cum.	...	3	c-str. / cum.	SSW	7.4
„ 11,...	6	c-str. / cum.	NE / SSW	2	cum.	SSW	4	cum.	SSW	3	cum.	SSW	6.0
„ 12,...	9	c-str. / cum.	SE	8	c-str. / cum.	SE	1	c-str. / cum.	ENE / SE	1	cum.	SE	6.5
„ 13,...	2	cum.	S	2	c-str. / cum.	...	4	c-str. / c cum. / cum.	...	1	c-str.	...	2.5
„ 14,...	8	c-str. / cum.	W	10	c-str. / sm-cum.	...	10	c-str. / sm-cum.	W	10	cum.	...	7.1
„ 15,...	9	c-str. / c-cum. / cum.	W / WSW	9	c-str. / c-cum. / cum.	ENE / N / ESE	10	c-str. / c-cum. / cum.	ESE	6	cum.	SE	8.7
„ 16,...	9	c-str. / cum.	WNW / SE	10	sm-cum. / cum.	ESE	9	c-str. / sm-cum. / cum.	E	2	cum.	...	8.6
„ 17,...	9	c-str. / sm-cum. / cum.	NNW	10	c-str. / cum.	N	3	c-str. / sm-cum. / cum.	N / NE	1	c-str.	...	6.8
„ 18,...	8	c-str. / sm-cum / cum.	S / S / WSW	9	c-str. / cum.	SSW	10	c-str. / cum.	S	9	cum.	SSW	7.9
„ 19,...	10	nim.	SW	10	nim.	SSW	10	str. / cum.	SSW	10	nim.	...	10.0
„ 20,...	10	str. / cum.	E	10	nim.	...	10	nim.	...	10	cum-nim.	...	10.0
„ 21,...	10	sm-cum. / cum.	SW	10	nim.	SW	10	nim.	SW	10	cum-nim.	...	10.0
„ 22,...	10	nim.	SW	10	nim.	SW	10	nim.	SW	10	cum.	SW	10.0
„ 23,...	10	c-str. / sm-cum. / cum.	SW	10	c-str. / cum-nim.	SSW	10	nim.	SSW	10	nim.	...	10.0
„ 24,...	10	cum.	SW	10	cum.	SW	10	str. / cum.	SSW	10	cum.	SSW	10.0
„ 25,...	10	str. / cum.	SW	10	str. / cum.	SSW	10	str. / cum.	S	10	str. / cum.	SSW	10.0
„ 26,...	10	str. / cum.	SSW	10	str. / cum.	SSW	10	str. / cum.	S	10	c-str. / cum.	S	10.0
„ 27,...	7	c-str. / cum.	NNE / SSW	5	c-str. / cum.	NNE / SSW	3	c-str. / c cum. / cum.	ENE / SW	5	c-cum. / cum.	E / SW	6.7
„ 28,...	2	c-cum. / cum.	WSW	0	...	...	0	...	...	0	...	...	2.4
„ 29,...	1	c-str. / cum.	...	1	c-str.	ESE	1	c-str.	E	10	str. / cum.	...	3.9
„ 30,...	10	c-cum. / cum.	SW	10	str. / cum.	SW	10	c-str. / cum.	SW	10	cum.	SW	9.5
„ 31,...	9	c-str. / sm-cum. / cum.	WNW / .. / WSW	5	c-str. / cum.	WSW	7	c-str.	N	3	c-cum.	...	7.9
Mean,...	8.3	...	...	7.8	...	...	7.3	...	...	7.1	...	...	8.0

TABLE I.

BAROMETRIC PRESSURE FOR THE MONTH OF AUGUST, 1890.

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,...	29.584	29.569	29.555	29.558	29.560	29.557	29.584	29.582	29.598	29.596	29.583	29.568	29.580	29.558	29.539	29.540	29.508	29.530	29.544	29.576	29.578	29.570	29.570	29.586	29.566
„ 2,...	.570	.549	.547	.544	.553	.552	.564	.571	.575	.580	.582	.568	.565	.541	.527	.523	.525	.540	.538	.564	.576	.579	.577	.570	.558
„ 3,...	.559	.554	.548	.547	.557	.581	.601	.613	.620	.623	.623	.610	.595	.579	.570	.557	.563	.561	.586	.593	.611	.606	.601	.600	.586
„ 4,...	.593	.586	.587	.593	.597	.628	.619	.632	.640	.653	.645	.638	.634	.624	.600	.593	.588	.587	.596	.601	.629	.650	.661	.654	.618
„ 5,...	.655	.655	.655	.650	.656	.669	.678	.688	.695	.695	.687	.670	.655	.633	.607	.591	.596	.597	.611	.629	.645	.672	.670	.664	.651
„ 6,...	.646	.640	.639	.633	.631	.643	.660	.666	.671	.662	.656	.633	.602	.583	.570	.558	.562	.578	.591	.613	.635	.655	.644	.638	.625
„ 7,...	.620	.608	.597	.599	.602	.610	.613	.616	.618	.633	.630	.618	.603	.590	.578	.559	.575	.588	.609	.635	.640	.655	.650	.647	.612
„ 8,...	.623	.609	.600	.583	.589	.610	.617	.628	.634	.633	.615	.605	.582	.561	.559	.557	.570	.588	.605	.632	.642	.643	.635	.622	.606
„ 9,...	.595	.563	.552	.567	.559	.572	.557	.601	.610	.613	.608	.608	.601	.574	.543	.544	.546	.556	.562	.584	.603	.614	.602	.589	.580
„ 10,...	.578	.568	.553	.545	.547	.565	.587	.597	.601	.599	.597	.589	.570	.545	.538	.516	.530	.538	.545	.546	.559	.574	.584	.590	.565
„ 11,...	.575	.558	.551	.539	.539	.544	.552	.567	.570	.575	* .564	.554	* .538	.522	* .524	.525	* .525	.524	* .548	.573	* .580	.588	† .582	.575	.554
„ 12,...	.581	† .571	† .558	† .560	.573	.602	.607	.613	.627	.668	.667	.658	.603	.598	.596	.598	.614	.626	.627	.657	.688	.692	.692	.684	.623
„ 13,...	.663	.657	.648	.644	.657	.671	.683	.689	.710	.710	.705	.697	.686	.683	.685	.687	.679	.662	.688	.721	.746	.755	.747	.740	.692
„ 14,...	.715	.701	.666	.646	.660	.681	.710	.720	.718	.715	.713	.707	.703	.691	.677	.671	.671	.699	.692	.697	.730	.763	.753	.734	.701
„ 15,...	.709	.689	.686	.672	.611	.704	.710	.726	.740	.756	.746	.740	.714	.703	* .708	.712	.698	.713	.740	.767	.762	.768	* .766	* .759	.721
„ 16,...	* .743	* .731	* .721	* .719	* .723	* .730	* .741	.752	* .770	.787	* .780	.773	* .755	.737	* .739	.740	* .740	.741	* .742	.744	* .750	.757	.767	.776	.748
„ 17,...	.762	.752	.732	.732	.730	.735	.757	.772	.778	.791	.794	.770	.767	.753	.732	.725	.708	.708	.720	.742	.771	.783	.783	.769	.753
„ 18,...	.746	.722	.715	.708	.713	.729	.750	.764	.779	.786	.785	.767	.758	.747	.737	.721	.713	.721	.728	.739	.755	.780	.782	.780	.747
„ 19,...	.771	.764	.764	.762	.764	.776	.787	.802	.815	.823	.811	.794	.784	.768	.761	.757	.752	.753	.761	.782	.800	.817	* .816	* .808	.783
„ 20,...	* .794	* .784	* .777	* .777	* .782	* .793	.806	.819	.827	.844	.837	.818	.805	.782	.767	.754	.744	.751	.773	.782	.792	.801	.799	.787	.791
„ 21,...	.779	.770	.758	.756	.760	.765	.781	.792	.800	.798	.787	.770	.756	.732	.714	.702	.695	.695	.711	.724	.733	.747	.742	.736	.750
„ 22,...	.724	.708	.702	.700	.704	.710	.721	.728	.736	.731	.730	.716	.688	.666	.646	.629	.622	.624	.632	.654	.674	.673	.677	.665	.686
„ 23,...	.660	.646	.640	.636	.636	.660	.675	.679	.692	.701	.685	.672	.657	.633	.622	.604	.605	.604	.619	.633	.653	.663	.645	.645	.649
„ 24,...	.639	.633	.631	.633	.644	.649	.670	.684	.687	.699	.686	.674	.653	.621	.613	.613	.610	.618	.638	.659	.669	.680	.669	.668	.652
„ 25,...	.674	.659	.657	.662	.655	.665	.669	.669	.672	.687	.700	.690	.675	.657	.635	.621	.632	.661	.693	.699	.721	.724	.717	.712	.675
„ 26,...	.684	.662	.654	.663	.679	.690	.696	.716	.727	.736	.752	.735	.713	.690	.666	.651	.651	.663	.677	.695	.707	.712	.715	.695	.693
„ 27,...	.693	.687	.680	.687	.695	.697	.713	.716	.723	.725	.734	.707	.696	.673	† .659	.645	† .656	.667	.682	.712	.720	.745	.763	.749	.701
„ 28,...	.735	.723	.699	.694	.697	.708	.721	.744	.746	.754	.744	.738	.729	.699	.691	.680	.692	.707	.722	.730	.749	.765	.760	.747	.724
„ 29,...	.725	.702	.700	.702	.721	.721	.732	.747	.754	.760	.751	.734	.714	.699	† .682	.679	.678	.677	.680	.684	.705	.723	.722	.702	.712
„ 30,...	.691	.689	.692	.694	.691	.706	.715	.726	.743	.746	.746	.726	.691	.668	.652	.644	.631	.638	.656	.674	† .716	.713	† .721	† .710	.695
„ 31,...	† .707	† .688	† .683	† .686	† .690	† .695	† .708	.710	.722	.721	† .719	.681	.680	.652	.653	.642	.641	.644	.645	.653	* .666	.680	.681	.677	.680
Hourly Means, ...	29.671	29.658	29.650	29.648	29.651	29.665	29.677	29.688	29.697	29.703	29.699	29.685	29.669	29.650	29.638	29.630	29.630	29.637	29.650	29.668	29.684	29.695	29.693	29.686	29.668

* Interpolated. † Approximate.

TABLE II.

TEMPERATURE FOR THE MONTH OF AUGUST, 1890.

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,.....	80.6	80.5	80.4	80.4	80.1	79.8	79.9	80.6	81.6	83.3	85.7	83.7	78.9	76.7	80.3	79.9	78.9	79.0	78.0	78.4	77.2	78.9	78.8	78.2	80.0	87.2	76.5
„ 2,.....	77.5	77.0	76.9	76.7	76.6	76.2	77.0	78.0	79.1	80.9	83.1	82.8	82.6	83.4	83.6	83.7	80.3	80.1	77.7	76.9	77.0	75.3	77.3	76.0	79.0	85.2	75.2
„ 3,.....	75.4	75.5	75.3	74.7	74.5	74.7	76.9	80.6	81.2	82.9	84.9	85.7	84.2	86.6	86.4	85.1	84.3	82.7	78.9	78.7	78.6	78.0	77.9	78.4	80.1	88.3	73.9
„ 4,.....	77.3	77.1	77.4	77.6	77.8	77.5	78.5	80.8	83.1	84.1	84.3	87.1	87.6	86.6	87.0	86.3	86.1	84.2	81.7	80.8	80.7	79.1	78.3	78.6	81.7	88.9	76.2
„ 5,.....	77.9	77.9	77.6	77.1	76.8	77.9	80.2	81.9	82.3	83.9	85.7	86.5	87.6	88.0	88.4	86.7	85.4	83.4	81.1	80.6	80.5	80.6	79.5	79.0	81.9	89.6	76.8
„ 6,.....	79.0	78.8	78.6	78.3	78.3	78.6	80.6	81.4	81.9	84.1	84.7	86.5	87.1	89.0	88.4	87.4	85.8	84.5	82.1	81.7	81.9	82.6	81.3	81.1	82.7	89.6	77.8
„ 7,.....	80.4	80.0	79.7	79.3	79.2	79.5	81.2	83.7	85.1	84.2	86.1	88.0	85.9	85.7	85.0	85.0	83.7	82.9	82.1	80.9	80.9	80.5	80.1	79.6	82.4	89.8	77.9
„ 8,.....	79.2	79.0	78.9	78.3	78.6	78.1	80.0	82.6	82.4	83.1	84.1	82.4	85.0	84.1	82.3	80.1	80.5	80.2	79.7	79.0	79.1	78.9	78.5	79.0	80.5	85.9	78.1
„ 9,.....	79.1	78.5	78.2	78.1	78.1	78.4	79.9	81.8	75.7	77.3	80.0	79.3	78.9	78.6	78.5	79.9	78.7	78.0	77.9	78.0	78.0	77.9	77.7	77.4	78.5	83.1	75.6
„ 10,.....	77.7	77.7	77.4	77.5	77.4	76.4	76.8	77.8	80.1	81.9	85.2	83.2	81.8	85.0	84.7	83.9	81.6	80.8	81.0	81.1	81.2	80.8	80.6	80.2	80.5	87.6	75.6
„ 11,.....	79.6	79.9	80.3	79.8	79.4	78.7	80.1	83.3	82.7	83.9	86.0	86.3	86.9	87.1	85.6	83.9	84.2	83.1	81.9	81.1	81.3	81.9	81.6	81.7	82.5	89.3	78.5
„ 12,.....	81.9	79.4	80.2	78.9	77.9	75.8	76.3	77.4	79.5	78.5	79.2	78.0	80.9	80.8	80.5	81.2	79.5	79.0	78.9	79.2	79.0	77.0	76.4	78.0	78.9	82.7	75.6
„ 13,.....	78.4	78.7	78.8	78.6	76.8	75.5	76.3	79.0	77.6	78.8	78.9	79.8	77.0	74.1	74.7	74.9	75.9	75.7	75.9	76.6	76.8	76.9	76.3	76.1	77.0	80.4	71.8
„ 14,.....	76.0	76.0	76.2	76.0	76.3	76.1	76.7	81.3	82.0	81.8	83.3	83.5	82.8	81.8	81.9	75.9	75.1	75.0	75.0	74.7	75.1	77.2	75.8	76.1	78.0	86.0	74.1
„ 15,.....	76.1	76.5	76.3	76.5	76.4	76.6	77.8	78.7	81.4	81.2	81.2	78.6	77.8	77.3	74.1	74.3	75.0	76.2	74.4	74.0	73.2	74.0	75.6	74.9	76.6	84.7	71.6
„ 16,.....	74.9	74.3	74.3	74.3	74.2	74.8	76.2	77.0	79.6	79.4	79.0	81.0	82.7	80.8	80.1	78.4	74.4	74.4	74.4	74.4	74.6	75.0	75.0	75.0	76.6	84.4	73.4
„ 17,.....	75.0	75.0	75.0	75.1	75.2	75.7	77.8	77.8	80.7	79.5	82.8	84.2	79.6	78.3	78.2	78.9	79.2	78.3	79.1	78.9	78.1	78.9	78.3	78.3	78.2	86.6	73.8
„ 18,.....	78.1	78.1	78.2	78.4	78.4	78.8	80.2	82.8	83.7	80.6	83.1	85.0	83.9	83.0	82.9	81.9	81.9	80.2	78.9	78.0	78.1	78.9	78.4	77.8	80.4	86.2	76.8
„ 19,.....	78.0	78.2	78.3	78.3	78.5	78.5	79.9	80.2	82.5	82.2	85.8	85.6	86.1	86.2	86.8	85.3	83.9	81.9	80.1	80.6	78.6	78.2	77.5	76.8	81.2	88.2	76.0
„ 20,.....	77.0	76.2	76.4	76.1	75.9	76.5	79.3	81.2	82.5	82.9	84.6	85.7	86.0	86.5	87.0	86.0	85.9	84.8	80.9	80.8	79.7	78.9	78.2	77.6	81.1	88.1	75.8
„ 21,.....	77.5	78.2	77.2	76.8	77.0	77.3	80.0	80.5	81.8	83.6	84.9	85.9	86.7	86.8	86.9	85.8	84.6	84.8	81.2	80.9	80.3	79.9	79.5	79.1	81.5	89.3	76.8
„ 22,.....	79.0	79.7	78.8	78.2	77.9	77.8	79.9	82.2	83.8	83.6	85.1	87.3	87.6	89.0	88.0	86.7	85.7	85.7	82.0	80.9	80.4	78.9	78.8	78.9	82.3	89.9	77.3
„ 23,.....	79.3	79.2	79.4	79.3	79.4	79.4	79.9	81.0	83.0	83.9	85.6	88.1	88.2	88.7	90.4	85.9	85.1	83.5	81.1	80.4	80.5	80.5	80.6	80.6	82.6	90.8	78.9
„ 24,.....	80.4	80.2	80.1	80.4	80.2	79.5	80.6	82.4	83.0	84.6	85.9	86.0	86.9	87.4	85.8	85.1	84.2	82.8	81.3	80.8	80.7	80.7	80.7	80.4	82.5	89.2	78.2
„ 25,.....	80.5	80.0	79.7	78.8	78.8	78.4	81.1	83.2	85.1	84.3	84.8	85.2	85.3	86.0	85.8	85.1	83.2	81.1	76.1	76.5	77.1	77.9	77.8	77.7	81.2	87.3	76.4
„ 26,.....	77.5	77.2	77.1	76.8	76.8	77.3	78.8	81.7	81.7	81.1	82.5	82.6	85.2	85.3	87.0	83.9	82.1	79.6	78.7	79.0	79.3	78.9	78.8	78.0	80.3	88.0	76.1
„ 27,.....	77.7	77.3	77.4	77.1	76.9	77.4	78.8	79.7	80.9	81.7	83.3	83.0	83.9	83.6	82.5	81.9	80.6	80.2	79.6	79.4	79.0	79.0	79.0	78.2	79.9	87.0	75.0
„ 28,.....	77.2	76.6	76.4	76.4	76.3	76.6	77.5	79.7	82.2	83.1	82.9	79.0	79.9	80.7	80.0	81.9	79.9	78.7	77.8	77.8	78.4	77.8	77.4	77.0	78.8	84.0	75.2
„ 29,.....	76.5	76.4	76.5	76.3	76.3	76.4	77.6	79.1	81.3	79.9	80.1	84.0	82.8	84.9	85.9	81.7	81.4	79.0	78.4	77.5	77.9	77.9	77.0	76.9	79.2	86.9	76.3
„ 30,.....	76.1	76.0	75.9	75.3	75.2	75.7	78.1	80.0	80.9	82.9	84.6	86.0	86.0	87.0	87.3	83.9	83.3	81.9	80.7	79.4	78.7	78.1	78.0	77.1	80.3	88.8	75.2
„ 31,.....	77.0	76.8	76.6	76.8	77.0	77.2	79.9	82.0	82.4	84.7	85.8	86.3	86.6	86.0	86.1	84.0	84.4	83.0	79.9	79.6	78.8	78.8	78.5	78.4	81.1	88.9	76.1
Hourly Means,.....	78.0	77.8	77.7	77.5	77.4	77.3	78.8	80.6	81.6	82.2	83.7	84.1	83.9	84.0	83.9	82.7	81.8	80.8	79.2	78.9	78.7	78.6	78.4	78.1	80.2	87.2	75.9

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION, FOR THE MONTH OF AUGUST, 1890.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.	Solar Max.
Aug 1,...	78.1	78.4	78.4	78.4	78.5	78.4	78.8	78.9	80.0	80.1	81.3	80.5	75.9	75.7	78.0	74.7	74.5	73.8	73.9	74.8	74.7	73.9	74.0	73.5	77.0	136.5
„ 2,...	73.8	74.0	74.5	74.0	74.1	74.3	75.0	75.7	76.0	75.0	74.4	74.7	74.9	74.1	78.9	75.0	73.6	73.4	74.1	74.3	74.5	73.7	73.0	72.8	74.5	144.5
„ 3,...	72.3	71.9	72.3	72.3	72.4	72.8	73.6	76.1	77.1	77.3	76.7	77.8	78.1	78.8	77.3	76.0	78.1	78.3	76.7	76.8	76.8	76.0	75.8	76.1	75.7	148.8
„ 4,...	75.7	75.6	75.7	75.8	76.0	75.8	76.9	77.3	78.2	78.0	77.9	79.5	77.9	77.7	78.7	78.7	79.5	79.5	77.7	77.3	77.5	77.4	76.5	76.5	77.4	143.2
„ 5,...	76.3	76.3	76.0	75.8	75.8	76.4	77.9	78.2	78.2	77.7	79.0	77.4	78.7	79.3	80.4	79.2	77.6	78.3	77.0	77.1	76.7	76.9	76.4	75.9	77.4	142.8
„ 6,...	75.6	75.8	75.9	76.0	75.8	76.4	77.4	77.6	77.7	79.1	78.3	78.2	79.7	80.2	78.1	78.2	79.9	80.4	78.0	78.0	78.1	77.9	77.2	77.2	77.8	145.8
„ 7,...	77.3	77.1	77.1	76.9	77.1	77.4	78.8	80.1	80.2	79.2	78.8	81.6	80.1	79.0	78.7	78.0	78.7	77.3	77.0	77.4	77.6	77.9	77.8	77.5	78.3	147.7
„ 8,...	77.6	77.4	77.4	77.4	77.4	77.3	77.6	78.0	77.5	77.8	78.8	78.4	79.6	78.6	78.9	76.9	78.1	77.7	77.0	76.8	77.5	77.7	77.4	77.0	77.7	142.3
„ 9,...	77.2	77.3	76.1	75.8	75.5	75.6	76.9	77.7	74.0	76.0	77.6	77.0	78.0	76.9	75.4	76.1	75.9	75.6	75.9	75.9	75.9	76.5	75.1	76.2	76.3	136.8
„ 10,...	76.5	76.5	76.1	76.0	76.4	75.7	75.8	76.4	78.0	77.8	70.2	80.1	78.9	81.1	79.6	78.9	77.9	77.4	77.6	77.7	77.8	77.6	77.7	77.5	77.3	149.5
„ 11,...	77.3	77.2	76.4	77.5	77.5	78.1	78.4	80.9	79.3	78.8	80.2	78.7	80.0	80.0	79.0	78.6	78.3	78.1	76.9	76.8	76.9	77.0	76.9	77.7	78.2	149.7
„ 12,...	78.1	76.3	77.2	76.7	75.8	74.3	74.8	76.1	77.0	75.4	76.3	75.2	76.5	76.5	76.4	76.0	75.3	74.5	75.1	76.3	77.1	76.0	74.5	75.3	75.9	126.0
„ 13,...	75.5	76.2	76.3	76.4	74.7	74.7	75.1	76.6	76.1	77.4	77.1	77.3	75.3	73.3	73.0	72.9	73.0	73.9	73.9	74.9	75.2	75.2	75.1	75.2	75.2	130.4
„ 14,...	75.1	75.1	75.3	74.5	75.0	74.4	74.8	77.0	77.2	77.9	78.4	78.3	77.9	76.6	76.6	72.9	72.7	72.7	72.9	73.9	73.4	73.9	74.0	74.1	75.2	147.3
„ 15,...	74.5	74.2	73.9	74.4	74.6	75.0	75.3	76.5	78.0	77.9	78.2	76.5	76.9	75.9	72.6	73.1	73.9	73.8	73.6	72.2	71.6	72.0	72.1	72.5	74.5	130.5
„ 16,...	72.5	72.6	72.9	72.8	72.7	73.0	73.8	75.5	75.0	76.3	75.8	77.7	76.3	76.8	76.4	75.8	73.1	73.7	73.0	73.4	73.8	73.7	73.1	73.3	74.3	145.4
„ 17,...	73.0	73.1	73.1	73.0	73.5	74.2	75.5	75.6	76.5	76.9	78.9	78.4	75.2	76.0	75.1	75.0	76.3	75.9	76.0	76.0	76.0	76.7	76.5	76.5	75.5	149.3
„ 18,...	76.0	76.3	76.2	76.4	76.5	76.8	77.7	78.8	78.0	78.3	78.3	77.3	77.9	78.3	78.2	77.9	76.9	76.7	75.9	75.9	76.0	76.3	76.1	75.9	77.0	144.4
„ 19,...	75.2	76.4	76.3	76.4	75.6	75.8	77.6	77.5	78.0	78.4	78.5	78.8	79.1	77.5	77.8	78.9	78.5	76.8	76.6	76.7	76.5	76.7	76.4	75.8	77.2	142.3
„ 20,...	75.5	74.9	74.8	74.7	75.2	75.7	77.0	77.0	77.8	78.1	78.3	78.8	79.1	79.0	78.1	77.9	77.0	77.8	76.6	75.9	76.3	76.1	75.9	75.6	76.8	143.6
„ 21,...	75.5	75.7	75.6	75.6	75.4	75.7	76.7	76.6	77.6	78.1	79.3	79.9	78.9	78.6	79.3	78.9	78.7	78.4	76.1	76.6	78.5	76.4	76.3	76.2	77.3	143.3
„ 22,...	76.5	76.5	76.5	76.4	76.2	76.0	76.9	78.4	80.2	78.9	78.9	79.9	80.6	81.0	80.6	79.9	78.3	79.1	77.0	76.9	76.6	76.7	76.1	76.0	77.9	142.3
„ 23,...	76.1	76.1	76.0	76.1	76.1	76.6	77.1	77.9	77.2	77.5	79.3	79.9	79.9	80.6	81.3	79.8	78.8	78.4	77.1	76.6	76.8	77.1	76.9	76.8	77.8	142.1
„ 24,...	76.9	76.9	76.7	76.6	76.5	76.8	77.2	78.5	78.4	78.4	79.0	79.1	78.2	78.8	78.8	78.1	78.3	77.7	77.4	76.8	77.3	77.0	76.5	76.6	77.6	144.3
„ 25,...	76.8	76.6	77.3	77.4	77.6	76.3	77.4	77.7	79.8	79.1	80.5	79.6	76.9	77.6	75.6	75.7	77.3	77.9	71.7	72.8	74.0	74.3	74.0	72.9	76.5	147.8
„ 26,...	73.5	72.8	72.7	72.6	73.2	72.3	73.9	76.4	76.7	76.8	77.1	75.9	78.1	76.3	77.8	76.9	76.5	74.9	75.3	75.2	76.2	76.7	76.3	75.9	75.4	147.5
„ 27,...	75.5	75.4	75.3	74.9	74.9	74.9	75.8	77.1	77.3	77.9	78.4	78.6	78.0	77.9	77.9	77.9	77.3	77.3	77.1	76.8	77.1	76.9	77.2	76.8	76.8	138.2
„ 28,...	73.2	72.1	72.0	71.7	71.7	72.3	73.9	73.4	76.7	77.8	77.3	77.0	76.8	78.3	76.5	76.0	75.3	75.8	75.1	74.8	74.6	75.2	75.3	74.8	74.9	145.4
„ 29,...	74.7	74.7	74.7	74.7	74.6	74.7	76.0	76.6	77.2	76.1	75.5	76.5	76.8	76.0	76.7	76.9	77.6	76.0	75.4	75.5	75.3	76.4	75.8	75.1	75.7	148.2
„ 30,...	74.8	74.7	74.8	74.6	74.2	74.5	75.9	76.4	76.2	77.2	78.0	79.1	80.3	79.9	79.3	77.9	77.3	76.1	76.9	76.8	76.0	75.9	75.8	75.9	76.6	150.6
„ 31,...	75.3	75.6	75.8	75.6	75.8	76.1	77.5	78.8	78.9	79.3	79.1	77.9	78.8	78.0	78.7	77.8	77.9	76.9	76.5	76.5	76.6	76.2	76.7	77.0	77.2	150.8
Hourly Mean ...	75.5	75.5	75.5	75.4	75.4	75.4	76.4	77.3	77.6	77.8	77.9	78.2	78.0	77.9	77.7	77.0	76.8	76.6	75.8	75.9	76.1	76.1	75.8	75.7	76.6	143.5

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR FOR THE MONTH OF AUGUST, 1890.

Hour.	Hourly Mean.		Date.	Daily Mean.	
	Humidity.	Tension.		Humidity.	Tension.
			1890.		
1 a	89	0.850	August 1,.....	87	0.889
2 „	90	.853	„ 2,.....	80	.794
3 „	90	.855	„ 3,.....	80	.831
4 „	91	.853	„ 4,.....	82	.883
5 „	91	.855	„ 5,.....	81	.880
6 „	91	.856	„ 6,.....	79	.888
7 „	89	.878	„ 7,.....	83	.914
8 „	86	.894	„ 8,.....	88	.914
9 „	83	.894	„ 9,.....	90	.878
10 „	81	.894	„ 10,.....	86	.895
11 „	76	.879	„ 11,.....	82	.908
Noon.	75	.887	„ 12,.....	87	.855
1 p	75	.880	„ 13,.....	92	.851
2 „	75	.874	„ 14,.....	87	.838
3 „	75	.867	„ 15,.....	91	.827
4 „	76	.852	„ 16,.....	89	.818
5 „	79	.856	„ 17,.....	88	.848
6 „	82	.860	„ 18,.....	85	.883
7 „	85	.847	„ 19,.....	83	.881
8 „	87	.858	„ 20,.....	82	.865
9 „	89	.867	„ 21,.....	82	.881
10 „	89	.868	„ 22,.....	81	.897
11 „	89	.858	„ 23,.....	80	.889
Midt.	89	.858	„ 24,.....	79	.882
			„ 25,.....	79	.850
			„ 26,.....	78	.815
			„ 27,.....	87	.882
			„ 28,.....	82	.814
			„ 29,.....	85	.843
			„ 30,.....	84	.867
			„ 31,.....	83	.883
Mean,.....	84	0.866	Mean.	84	0.866

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.
1890.														
August 1,.....	...	...	...	...	...	0.5	...	...	...	...	...	...	...	0.5
„ 2,.....	...	...	...	...	...	0.5	...	0.5	1.0	1.0	0.5	...	...	3.5
„ 3,.....	...	0.7	1.0	1.0	1.0	1.0	0.5	0.5	1.0	1.0	1.0	1.0	0.4	10.1
„ 4,.....	...	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	11.1
„ 5,.....	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	11.8
„ 6,.....	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	12.0
„ 7,.....	...	0.8	0.9	0.9	0.7	1.0	0.9	0.5	...	0.1	...	...	...	5.8
„ 8,.....	...	0.8	1.0	0.2	0.3	0.6	0.4	0.8	...	...	...	...	...	4.1
„ 9,.....	0.1	0.6	0.2	...	0.1	0.1	...	...	...	...	...	...	...	1.1
„ 10,.....	...	...	...	0.3	0.4	0.5	...	...	1.0	1.0	1.0	...	...	4.2
„ 11,.....	0.2	1.0	0.9	1.0	0.9	0.9	1.0	1.0	1.0	0.4	0.9	0.4	0.1	9.7
„ 12,.....	...	...	...	...	...	...	...	...	...	...	0.2	...	...	0.2
„ 13,.....	...	...	0.5	...	...	...	...	...	...	...	...	...	...	0.5
„ 14,.....	...	...	0.9	0.9	0.9	0.3	...	...	...	...	...	...	...	3.0
„ 15,.....	...	...	...	0.2	0.4	0.1	...	...	...	...	...	...	...	0.7
„ 16,.....	...	0.6	0.7	0.9	0.6	0.4	0.3	0.9	0.9	0.2	0.1	...	...	5.6
„ 17,.....	...	0.6	0.3	0.9	...	0.5	0.7	...	...	...	...	...	...	3.0
„ 18,.....	...	0.4	1.0	1.0	0.4	0.6	0.5	...	0.1	0.4	...	...	...	4.4
„ 19,.....	0.3	1.0	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	11.3
„ 20,.....	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	11.9
„ 21,.....	0.4	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	11.8
„ 22,.....	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
„ 23,.....	...	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
„ 24,.....	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	...	9.8
„ 25,.....	...	0.8	0.9	0.9	0.2	0.1	...	...	...	...	...	...	...	2.9
„ 26,.....	0.1	0.7	0.6	0.1	...	...	0.4	0.6	0.8	0.9	...	...	...	4.2
„ 27,.....	...	...	...	...	0.4	0.1	0.5	0.3	0.1	0.2	0.1	0.1	...	1.8
„ 28,.....	...	...	...	0.3	0.9	0.7	...	...	...	...	0.4	...	...	2.3
„ 29,.....	...	...	0.5	0.9	0.7	0.6	1.0	0.9	0.9	0.9	...	0.3	...	6.7
„ 30,.....	...	0.9	1.0	1.0	1.0	1.0	0.6	0.9	1.0	0.9	...	...	...	8.3
„ 31,.....	...	0.7	1.0	1.0	1.0	1.0	1.0	0.9	0.2	...	0.2	0.5	...	7.5
Sums,.....	2.5	16.4	20.3	20 4	18.8	19.5	16.8	16.8	17.0	16.0	13.4	10.6	3.6	192.1

TABLE VI.

RAINFALL FOR THE MONTH OF AUGUST, 1890.

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.	Victoria Peak.
Aug. 1,.....	...	...	...	...	...	...	...	...	...	...	...	...	0.400	0.065	...	...	...	...	...	0.070	0.030	...	...	...	0.565	3	...
„ 2,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 3,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 4,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 5,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 6,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 7,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 8,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.210	...	...	...	...	...	...	...	...	...	0.210	1	...
„ 9,.....	...	...	...	...	...	...	...	0.015	0.005	0.075	...	0.125	0.010	...	...	...	...	...	...	...	...	...	...	...	0.230	2	0.95
„ 10,.....	...	...	...	...	...	0.185	0.010	0.005	...	...	0.190	...	...	...	...	...	...	...	...	...	...	...	...	...	0.390	1	0.80
„ 11,.....	...	...	...	...	* 0.110	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.110	1	1.36
„ 12,.....	...	0.060	...	0.005	0.085	0.250	0.035	0.005	...	...	...	...	...	...	...	...	...	...	...	...	0.025	0.125	...	...	0.590	5	0.69
„ 13,.....	...	...	...	0.055	0.090	0.030	0.005	0.075	0.270	0.015	...	0.300	0.120	0.680	0.250	0.090	0.050	...	...	...	0.035	0.075	0.230	...	2.370	11	2.20
„ 14,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.365	0.145	0.100	0.005	...	...	...	...	...	0.615	3	1.40
„ 15,.....	...	...	...	...	...	...	...	...	...	...	0.400	0.935	0.165	0.700	0.350	0.150	0.090	0.010	0.180	0.020	...	...	...	...	3.000	9	3.70
„ 16,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.020	0.010	0.080	0.020	...	...	...	...	0.005	...	0.135	4	0.60
„ 17,.....	...	...	...	...	...	...	0.050	...	0.045	0.005	...	...	0.280	...	...	...	...	...	...	...	...	...	...	...	0.380	2	0.40
„ 18,.....	...	...	...	0.125	...	...	...	...	0.010	0.015	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.150	1	...
„ 19,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 20,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 21,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 22,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...
„ 23,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 24,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 25,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 26,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	...	...	...	...	...	...	.0005	0	...
„ 27,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 28,.....	...	...	...	...	...	...	...	...	...	...	...	0.200	...	...	...	...	...	...	...	...	...	...	...	...	0.200	2	...
„ 29,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 30,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 31,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums, ...	...	0.060	...	0.185	0.285	0.465	0.100	0.100	0.330	0.110	0.590	1.560	0.975	1.445	0.830	0.615	0.365	0.135	0.185	0.090	0.090	0.200	0.235	...	8.950	45	12.10

* Entered from total according to estimation.

The daily duration of rain at the Observatory is entered from estimation.

The rainfall at Victoria Peak is measured at 10 a. and entered to preceding day.

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND FOR THE MONTH OF AUGUST, 1890.

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,	23	5	22	10	21	11	22	11	23	9	24	8	26	4	23	3	25	4	23	7	23	7	23	3	32	11	17	7	27	5	25	8	26	4	31	4	7	8	6	10	1	6	14	4	12	6	7	3	158	6.6	24
" 2,	7	2	30	4	30	3	3	5	6	5	6	3	6	2	28	2	32	3	7	8	10	10	10	13	10	14	10	15	9	13	15	9	15	8	15	3	27	4	27	3	...	0	25	3	4	4	...	1	137	5.7	9
" 3,	3	2	...	1	...	1	3	2	3	3	3	2	...	0	3	2	30	4	28	6	24	6	24	6	32	4	23	9	23	9	16	7	17	5	17	2	23	3	27	3	...	0	21	2	20	2	20	2	83	3.5	25
" 4,	20	3	...	1	24	2	...	1	...	1	...	1	19	2	19	3	28	5	28	5	24	6	24	6	20	6	18	11	19	9	18	8	19	4	...	1	...	0	...	1	...	1	...	1	...	1	23	2	81	3.4	21
" 5,	20	2	...	1	...	1	...	1	...	1	...	1	17	2	26	4	26	6	26	8	24	11	22	10	22	10	22	9	20	6	20	8	18	6	16	5	17	3	16	4	16	3	19	2	19	2	...	1	107	4.5	21
" 6,	27	4	24	4	24	5	28	5	28	4	28	4	...	0	28	5	28	8	27	5	24	6	24	8	25	11	23	10	21	7	16	8	16	7	16	6	16	4	17	4	16	4	...	1	...	1	...	1	122	5.1	23
" 7,	...	1	19	2	18	2	...	1	18	2	...	1	18	2	...	1	18	3	27	4	18	5	24	10	16	10	18	8	16	6	17	6	20	3	19	4	...	1	...	1	19	4	8	5	8	4	8	5	91	3.8	18
" 8,	8	4	8	5	8	4	8	5	8	3	7	4	8	8	8	7	4	5	7	6	8	14	8	15	8	15	8	9	11	13	12	6	10	2	10	2	10	3	...	1	...	0	10	3	8	3	9	10	147	6.1	8
" 9,	9	11	8	15	8	18	8	16	8	16	7	11	7	8	6	11	5	12	8	12	8	15	8	8	20	4	27	8	24	3	24	3	25	8	25	4	25	3	...	0	25	2	...	1	25	2	...	1	192	8.0	7
" 10,	...	0	25	2	25	3	28	3	...	1	21	14	27	7	28	4	27	3	24	3	24	7	25	6	17	7	17	4	16	13	18	10	16	6	16	6	19	8	17	5	17	3	...	1	17	3	11	4	123	5.1	20
" 11,	13	3	18	4	18	6	20	5	24	5	...	1	24	2	23	2	17	3	22	4	25	5	18	10	24	11	24	10	17	9	15	14	16	10	16	7	18	5	20	3	20	4	20	7	20	4	18	4	138	5.7	20
" 12,	18	3	19	8	22	3	22	4	22	9	2	4	...	1	31	4	31	4	15	9	15	16	16	9	32	7	31	7	16	5	14	4	14	9	15	6	15	3	...	1	18	2	18	6	21	2	18	5	131	5.5	17
" 13,	17	6	17	7	16	6	13	6	14	4	5	3	5	5	6	8	6	9	8	13	8	11	8	14	31	14	29	21	20	25	21	15	17	6	17	2	8	5	8	9	8	7	8	5	8	3	8	2	206	8.6	10
" 14,	8	4	8	2	6	15	7	13	6	8	8	7	5	7	7	5	8	3	28	5	28	5	14	6	18	6	16	6	16	8	18	28	19	22	19	13	26	11	28	4	11	7	9	3	10	2	10	4	194	8.1	14
" 15,	6	6	13	6	13	2	...	1	2	5	...	1	...	1	...	1	...	1	27	4	16	6	24	6	31	5	28	16	32	6	6	3	14	2	19	10	23	12	22	8	27	3	17	2	22	8	...	1	116	4.8	24
" 16,	29	3	29	2	...	1	...	0	3	4	3	5	8	10	8	7	8	6	8	7	8	10	8	13	13	10	7	16	12	12	11	14	28	7	30	3	...	1	...	0	30	2	...	1	...	0	7	2	136	5.7	8
" 17,	...	0	...	1	7	2	6	5	9	5	9	3	6	4	6	5	7	5	10	2	6	4	8	4	22	9	17	2	26	4	28	3	...	0	8	5	6	2	6	2	6	2	7	3	7	4	7	4	80	3.3	7
" 18,	7	4	7	5	...	1	12	3	6	2	...	1	16	3	16	4	18	5	23	6	21	10	21	13	20	10	22	9	26	7	26	3	26	2	27	2	27	2	26	3	15	2	9	3	9	2	9	2	104	4.3	21
" 19,	9	3	6	3	6	2	...	1	...	1	...	1	...	0	...	1	16	2	25	3	27	5	26	9	24	9	23	11	23	10	16	9	16	9	16	5	27	3	...	1	26	2	24	2	...	0	25	2	94	3.9	22
" 20,	...	0	19	2	...	0	18	2	...	0	...	0	18	2	25	4	26	6	27	6	23	9	24	9	24	9	24	12	23	8	23	8	19	5	20	3	18	4	...	0	18	2	...	1	...	1	...	0	93	3.9	23
" 21,	...	1	...	0	...	0	...	0	...	1	20	2	27	2	25	2	25	6	23	9	24	9	24	9	23	11	23	10	23	12	22	8	17	6	17	4	18	4	...	1	...	0	...	0	...	0	27	3	100	4.2	23
" 22,	24	4	20	7	27	5	27	4	27	5	27	3	27	3	24	5	24	7	24	8	23	10	21	11	24	9	21	11	19	14	20	11	20	10	19	3	18	3	17	3	1	1	6	4	...	1	9	2	144	6.0	22
" 23,	21	7	21	9	21	10	21	11	21	14	22	9	25	4	25	8	24	6	24	6	24	7	23	8	23	9	21	10	22	7	17	9	17	11	18	9	...	1	15	3	11	3	6	2	11	2	1	2	167	7.0	21
" 24,	22	6	22	9	21	9	21	10	21	10	22	8	24	7	25	7	25	8	24	10	23	12	23	11	20	13	20	14	19	16	19	11	19	6	17	5	20	3	17	2	...	1	14	3	17	2	...	1	184	7.7	21
" 25,	...	0	...	1	...	0	28	4	20	5	24	8	21	9	20	12	21	12	21	14	24	13	20	14	20	12	20	13	19	10	19	9	20	4	26	12	28	17	21	6	17	2	...	1	17	2	24	5	185	7.7	22
" 26,	23	4	...	0	26	2	28	6	22	6	28	2	28	2	23	5	24	8	24	7	23	10	24	8	23	5	24	6	24	9	24	8	24	8	24	8	25	7	27	3	...	1	...	0	...	0	...	1	116	4.8	24
" 27,	27	3	...	0	27	3	...	0	...	0	...	0	...	0	...	1	27	3	28	4	28	3	7	7	8	5	8	7	8	11	8	14	8	10	9	5	9	6	9	2	8	4	8	4	8	2	11	3	97	4.0	7
" 28,	14	10	4	7	4	5	8	2	12	2	12	3	7	2	12	3	7	2	8	12	8	16	8	17	5	13	7	12	7	14	7	10	7	8	22	4	25	4	...	1	21	3	...	1	...	1	21	2	154	6.4	8
" 29,	21	2	...	0	...	0	...	1	23	2	...	0	...	0	...	0	23	5	24	6	25	10	24	9	25	12	23	13	23	10	27	10	27	6	27	5	27	3	...	1	27	2	27	2	...	1	...	0	100	4.2	25
" 30,	...	0	...	0	27	2	...	0	...	0	...	1	...	0	28	5	27	7	25	9	24	9	25	12	26	10	24	10	24	12	19	7	19	8	20	6	27	4	29	3	29	3	29	3	...	1	...	0	112	4.7	24
" 31,	...	1	29	2	...	1	29	4	29	4	...	1	...	0	31	2	26	5	20	9	23	10	23	12	21	12	20	10	19	10	19	6	22	3	17	5	22	2	17	4	17	2	...	1	17	2	...	1	109	4.5	21
Sums,	...	104	...	120	...	125	...	132	...	137	...	112	...	99	...	133	...	166	...	217	...	277	...	296	...	293	...	316	...	303	...	277	...	205	...	159	...	139	...	92	...	78	...	77	...	68	...	76	4001	166.7	...
Hourly Means,	...	3.4	...	3.9	...	4.0	...	4.3	...	4.4	...	3.6	...	3.2	...	4.3	...	5.4	...	7.0	...	8.9	...	9.5	...	9.5	...	10.2	...	9.8	...	8.9	...	6.6	...	5.1	...	4.5	...	3.0	...	2.5	...	2.5	...	2.2	...	2.5	129.1	5.4	...

TABLE VIII.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR AUGUST, 1890.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N-S	+E-W	
1 a.	0.35	1.26	1.13	1.26	−0.78	0.00	S
2 „	0.50	1.26	1.42	1.58	0.92	− 0.32	S 19° W
3 „	0.71	1.44	1.06	1.65	0.35	0.21	S 31° W
4 „	0.90	1.61	1.02	1.71	0.12	0.10	S 40° W
5 „	0.75	1.52	1.08	2.01	−0.33	0.49	S 56° W
6 „	0.68	1.23	0.61	1.61	+0.07	− 0.38	W 10° N
7 „	0.76	1.42	0.52	1.21	0.24	+ 0.21	N 41° E
8 „	1.13	1.43	0.59	1.95	0.54	− 0.52	W 46° N
9 „	1.78	1.21	0.68	3.08	1.10	1.87	W 31° N
10 „	1.08	2.00	0.97	4.26	+0.11	2.26	W 3° N
11 „	0.45	2.65	1.52	5.39	−1.07	2.74	S 69° W
Noon.	0.26	2.97	2.00	5.58	1.74	2.61	S 56° W
1 p.	1.81	1.61	2.81	5.16	1.00	3.55	S 74° W
2 „	1.48	1.87	3.19	6.00	1.71	4.13	S 67° W
3 „	0.60	1.84	4.71	5.07	4.11	3.23	S 38° W
4 „	0.47	1.61	5.65	3.63	5.18	2.02	S 21° W
5 „	0.52	0.87	4.32	2.60	3.80	1.73	S 24° W
6 „	0.55	0.45	3.16	2.12	2.61	1.67	S 33° W
7 „	1.00	0.81	1.29	2.58	0.29	1.77	S 81° W
8 „	0.55	0.74	1.10	1.06	0.55	− 0.32	S 30° W
9 „	0.50	0.71	1.08	0.67	0.58	+ 0.04	S 4° E
10 „	0.26	1.13	0.81	0.61	0.55	0.52	S 43° E
11 „	0.13	0.94	0.81	0.55	0.68	0.39	S 30° E
Midt.	0.19	1.26	0.58	0.58	−0.39	+ 0.68	S 60° E
Mean, ...	0.73	1.41	1.75	2.58	−1.03	− 1.17	S 49° W

TABLE IX.

VICTORIA PEAK.

Date.	Barometer.			Temperature.					Wind.					
	10 a.	4 p.	10 p.	10 a.	4 p.	10 p.	Max.	Min.	10 a.		4 p.		10 p.	
									Direction.	Force.	Direction.	Force.	Direction.	Force.
1890.														
Aug. 1	27.92	27.87	27.88	76	75	74	77	73	WNW	3	NW	4	N	4
„ 2	.89	.88	.90	76	75	74	77	73	NE	4	SSE	4	SW	3
„ 3	.95	.90	.95	76	76	74	77	74	ENE	2	SE	3	SW	3
„ 4	.97	.94	.96	77	77	75	78	74	SW	2	SW	4	SW	2
„ 5	28.01	.95	.96	76	77	75	78	75	SW	3	SW	4	SW	3
„ 6	27.99	.91	.92	77	78	76	79	75	SW	3	SW	4	SW	3
„ 7	.96	.91	.97	77	78	75	79	75	SW	2	SW	3	SSW	3
„ 8	.96	.91	.96	77	76	75	79	75	SSE	2	SSE	3	S	3
„ 9	.92	.87	.90	75	76	74	76	73	SE	3	SE	1	S	3
„ 10	.90	.87	.89	73	74	75	77	73	SW	4	SW	4	S	4
„ 11	.91	.88	.92	76	76	74	77	72	SW	2	S	4	S	4
„ 12	.94	.93	.96	73	72	72	75	70	W	4	S	3	S	4
„ 13	28.01	.98	28.01	73	71	72	74	71	SE	5	SSW	5	S	3
„ 14	.01	.96	.00	75	73	71	76	71	S	3	S	5	SW	4
„ 15	.05	28.02	.03	74	72	71	75	70	SW	3	S	4	S	4
„ 16	.08	.05	.07	73	73	71	76	69	SSW	4	SSW	4	SW	4
„ 17	.09	.05	.06	73	74	73	76	71	S	3	SSW	4	S	4
„ 18	.09	.05	.08	74	74	73	76	73	SW	4	S	3	S	3
„ 19	.13	.09	.10	75	76	74	77	73	S	2	S	4	S	3
„ 20	.15	.10	.11	76	77	74	79	73	S	2	SW	3	S	4
„ 21	.11	.05	.05	77	76	74	78	74	SW	2	SW	4	S	4
„ 22	.05	27.98	27.99	77	77	75	79	74	WSW	3	SW	5	SW	4
„ 23	.00	.94	.96	77	77	74	79	74	SW	3	S	4	S	4
„ 24	.02	.96	.98	75	76	74	77	74	SW	4	SW	5	SSW	4
„ 25	.01	.97	28.01	75	76	74	76	73	SW	4	SW	4	W	4
„ 26	.05	.98	27.93	76	78	75	80	73	WSW	1	SW	1	SW	1
„ 27	.04	.97	28.00	76	77	75	78	74	SW	1	SW	2	SW	1
„ 28	.06	28.02	.05	77	78	73	78	72	S	1	S	1	SSE	2
„ 29	.04	.01	.01	75	76	75	78	73	SSW	2	SW	3	SW	3
„ 30	.06	27.99	.02	76	77	74	79	73	SW	3	SW	3	SW	4
„ 31	.03	.98	.02	75	75	74	78	74	SW	4	SW	4	SW	4
Mean,	28.013	27.967	27.990	75.4	75.6	73.8	77.4	72.9	S 32° W	2.8	S 25° W	3.5	S 23° W	3.3

TABLE X.

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
1890.												
Aug. 1, ...	0	...	...	8	cum.	...	10	c-str. / sm-cum.	...	10	c-str. / cum.	WNW
„ 2, ...	10	cum-nim.	NE	10	cum.	NE	10	c-str. / sm-cum. / cum.	N	10	sm-cum. / cum.	NNE
„ 3, ...	7	c-str.	...	0	...	...	4	c-str. / c-cum. / sm-cum.	E	1	cum.	...
„ 4, ...	6	cum.	S	8	cum.	S	2	c-str.	NE	3	c-str. / cum.	NE / ..
„ 5, ...	4	cum.	...	5	cum.	...	2	c-str. / cum.	W	3	c-str. / cum.	W
„ 6, ...	1	cum.	SW	9	cum.	SW	1	cum.	W	2	c-str. / cum.	...
„ 7, ...	8	cum.	SW	6	cum.	SW	10	c-str. / c-cum. / sm-cum. / cum.	SW	4	c-str. / cum.	NNE / ..
„ 8, ...	4	cum.	SW	10	cum.	SW	10	c-str. / c-cum. / sm-cum	E	8	c-str. / cum.	SE
„ 9, ...	9	c-cum.	E	10	cum.	E	10	c-str. / c-cum. / sm-cum. / cum.	E	10	cum.	SE
„ 10, ...	10	c-str.	...	10	cum.	...	10	nim.	W	9	sm-cum. / cum.	...
„ 11, ...	5	c-str.	...	5	cum.	WSW	10	c-str. / c-cum. / cum.	W	7	c-str. / cum.	SW
„ 12, ...	10	c-str.	...	10	nim.	...	10	nim.	W	10	cum.	SW
„ 13, ...	10	cum-nim.	...	10	nim.	...	10	c-cum. / cum.	SW	10	nim.	SSE
„ 14, ...	10	cum-nim.	...	10	cum-nim.	...	10	c-str. / sm-cum. / cum.	SSW	8	sm-cum. / cum.	SSW / SW
„ 15, ...	10	cum-nim.	...	10	cum-nim.	...	10	sm-cum. / cum.	SSW	10	sm-cum. / cum.	SSW
„ 16, ...	10	cum-nim.	...	10	cum-nim.	...	9	c-str. / sm-cum. / cum.	S	9	sm-cum. / cum.	S
„ 17, ...	10	cum.	...	8	cum.	...	10	c-str. / c-cum. / sm-cum. / cum.	SSW	10	sm-cum. / nim.	...
„ 18, ...	8	cum.	...	8	cum.	...	10	c-str. / c-cum. / cum.	S	8	c-str. / sm-cum. / cum.	SSW
„ 19, ...	6	c-str.	...	8	cum.	...	1	cum.	W	5	cum.	WSW
„ 20, ...	0	...	...	0	...	...	3	cum.	SW	2	cum.	...
„ 21, ...	0	...	...	3	cum.	...	2	cum.	W	1	cum.	W
„ 22, ...	1	c-str.	...	6	cum.	W	1	cum.	W	1	cum.	W
„ 23, ...	0	...	...	1	cum.	...	5	c-str. / cum.	W	2	c-str. / cum.	...
„ 24, ...	3	cum.	...	4	c-cum.	...	9	c-str. / c-cum. / cum.	W	7	c-str. / cum.	W
„ 25, ...	8	c-str.	...	6	c-str.	...	10	c-str. / c-cum. / cum.	W	10	c-cum. / cum.	WSW
„ 26, ...	4	c-cum.	...	3	c-str.	...	10	c-str. / c-cum. / sm-cum.	...	9	sm-cum. / cum.	...
„ 27, ...	4	sm-cum.	...	6	c-cum.	...	10	c-str. / c-cum. / cum.	...	10	c-str. / c-cum. / cum.	...
„ 28, ...	10	cum-nim.	SSE	10	cum.	...	10	c-str. / c-cum. / sm-cum.	...	7	c-str. / c-cum. / cum.	S
„ 29, ...	10	cum.	...	10	nim.	...	10	sm-cum. / cum.	W	6	c-cum. / cum.	SW
„ 30, ...	2	c-cum.	...	3	cum.	W	1	c-cum. / cum.	W	1	cum.	W
„ 31, ...	4	c-str.	...	4	cum.	SW	8	c-str. / cum.	W	6	c-str. / cum.	SW
Mean, ...	5.9	...	...	6.8	...	...	7.4	...	...	6.4	...	...

TABLE X,—*Continued.*

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 p.			4 p.			7 p.			10 p.			Daily and Monthly Means.
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	
1890.													
Aug. 1,...	10	nim.	WNW	10	c-str. / c-cum. / cum.	N	10	nim.	...	10	nim.	...	8.5
„ 2,...	9	sm-cum. / cum.	...	5	c-str. / sm-cum.	N / N	2	c-str.	N	3	c-str.	...	7.4
„ 3,...	8	sm-cum. / cum.	ENE	1	c-str.	...	1	c-str.	...	1	c-str.	...	2.9
„ 4,...	2	cum.	...	1	c-str. / cum.	...	1	c-str.	...	0	...	...	2.9
„ 5,...	4	c-str. / c-cum. / cum.	W	2	c-str. / cum.	W	0	...	...	0	...	...	2.5
„ 6,...	2	c-str. / cum.	W	7	c-str. / cum.	...	3	c-str. / cum.	E / WSW	2	cum.	...	3.4
„ 7,...	8	c-str. / cum.	SSW	9	c-str. / cum.	SSW	10	c-str.	...	6	str.	...	7.6
„ 8,...	9	c-str. / cum.	S	10	nim.	...	10	c-str. / c-cum. / cum.	S	4	cum.	...	8.1
„ 9,...	10	c-str. / cum.	S	10	c-str. / cum.	N	8	c-str. / c-cum.	...	5	cum.	...	9.0
„ 10,...	9	sm-cum. / nim.	...	6	c-str. / cum.	WSW	8	sm-cum. / cum.	E / SW	1	cum.	WSW	7.9
„ 11,...	9	c-str. / cum.	WSW	8	c-str. / cum.	S	9	c-str. / sm-cum. / cum.	E / S	6	cum.	SW	7.4
„ 12,...	10	c-str. / cum.	SW	10	c-str. / sm-cum.	S	9	c-str. / sm-cum. / cum.	S / SW	10	nim.	...	9.9
„ 13,...	10	nim.	...	10	nim.	SW	10	cum-nim.	SW	10	nim.	...	10.0
„ 14,...	10	cum.	...	10	nim.	...	10	nim.	...	10	cum.	...	9.8
„ 15,...	10	cum.	SSW	10	nim.	WSW	10	nim.	...	10	cum.	...	10.0
„ 16,...	7	cum.	SW	10	sm-cum. / cum.	SW	10	cum-nim.	SW	2	cum.	...	8.4
„ 17,...	10	nim.	...	10	str.	...	9	c-str. / cum.	SSW	2	cum.	SW	8.6
„ 18,...	9	c-str. / cum.	SSW	9	c-str.	...	10	c-str.	...	4	str. / cum.	...	8.2
„ 19,...	2	cum.	WSW	2	c-str. / cum.	WSW	0	...	...	0	...	...	3.0
„ 20,...	1	cum.	W	0	...	...	0	...	...	0	...	...	0.8
„ 21,...	1	cum.	W	1	cum.	W	0	...	...	0	...	...	1.0
„ 22,...	1	cum.	W	1	cum.	W	0	...	...	0	...	...	1.4
„ 23,...	1	cum.	W	1	c-str. / cum.	WSW	3	c-str.	ENE	4	c-str. / cum.	ENE / SSW	2.1
„ 24,...	3	c-str.	ENE	9	c-str.	...	9	c-str.	...	9	c-str. / cum.	...	6.6
„ 25,...	9	sm-cum. / cum.	WSW	10	sm-cum. / cum.	WSW	10	c-str. / sm-cum. / cum.	ENE / WNW	10	c-cum. / cum.	SW	9.1
„ 26,...	9	sm-cum. / cum.	...	9	c-str. / sm-cum. / cum.	W	10	c-str. / cum.	WNW	8	c-cum. / cum.	SW	7.7
„ 27,...	10	c-str. / cum.	W	9	c-str. / cum.	SSW	10	c-str. / c-cum. / cum.	... / W / WSW	9	sm-cum. / cum-nim.	SW	8.5
„ 28,...	10	c-str. / cum.	S	9	c-str. / sm-cum. / cum.	E	10	c-str. / sm-cum. / cum.	WSW / E	10	str. / cum.	...	9.5
„ 29,...	7	c-str. / sm-cum. / cum.	WSW	9	c-str. / sm-cum. / cum.	...	9	c-str. / sm-cum.	...	5	c-cum. / sm-cum.	W	8.2
„ 30,...	3	c-str. / sm-cum. / cum.	W	9	c-str. / sm-cum. / cum.	W	10	c-str. / sm-cum.	W	6	c-str. / sm-cum.	...	4.4
„ 31,...	9	c-str. / cum.	SW	10	c-str. / cum.	SW	8	c-str. / cum.	SW	5	c-cum. / cum.	N / S	6.8
Mean,...	6.8	...	...	7.0	...	...	6.7	...	...	4.9	...	...	6.5

TABLE I.

BAROMETRIC PRESSURE FOR THE MONTH OF SEPTEMBER, 1890.

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,...	29.664	29.645	29.636	29.635	29.643	29.658	29.669	29.680	29.676	29.672	29.667	29.648	29.625	29.603	29.589	29.581	29.571	29.587	29.600	29.627	29.635	29.653	29.653	29.640	29.636
„ 2,...	.632	.615	.609	.611	.613	.631	.645	.654	.659	.651	.637	.622	.596	.589	.585	.581	.595	.610	.610	.617	.634	.653	.642	.640	.622
„ 3,...	.641	.637	.629	.624	.628	.624	.630	.654	.658	.662	.652	.631	.605	.588	.568	.567	.572	.578	.602	.618	.625	.636	.636	.628	.621
„ 4,...	.610	.594	.576	.571	.582	.591	.602	.614	.611	.608	.589	.582	.546	.537	.529	.515	.524	.534	.541	.548	.561	.571	.572	.570	.570
„ 5,...	.553	.551	.551	.547	.553	.569	.575	.579	.578	.579	.581	.569	.552	.541	.524	.524	.523	.533	.546	.552	.570	.568	.573	.571	.557
„ 6,...	.567	.550	.527	.534	.532	.547	.558	.582	.594	.591	.581	.559	.540	.533	.534	.531	† .539	.542	† .570	.595	.616	.619	.612	.600	.565
„ 7,...	.586	.581	.578	.573	.582	.606	.615	.637	.635	.638	.632	.621	.604	.596	.574	.575	.580	.575	.603	.622	.637	.643	.639	.626	.607
„ 8,...	.604	.596	.590	.603	.609	.614	.641	.662	.680	.677	.674	.668	.644	.641	.630	.631	.635	.644	.634	.639	.678	.696	.683	.675	.644
„ 9,...	.656	.640	.623	.618	.615	.628	.638	.657	.667	.678	.671	.659	.641	.624	.610	.608	.612	.612	.624	.649	.676	.682	.683	.663	.643
„ 10,...	.634	.615	.614	.619	.623	.638	.666	.675	.682	.685	.683	.669	.641	.617	.608	.607	.618	.629	.644	.669	.694	.693	.686	.678	.649
„ 11,...	.662	.653	.646	.633	.642	.659	.686	.702	.705	.706	.708	.692	.667	.645	.633	.630	.636	.653	.669	.692	.721	.724	.724	.719	.675
„ 12,...	.704	.689	.682	.686	.690	.707	.728	.749	.757	.757	.749	.737	.720	.698	.676	.667	.674	.684	.701	.722	.736	.743	.747	.741	.714
„ 13,...	.734	.725	.702	.705	.713	.734	.756	.763	.776	.780	.770	.763	.753	.742	.730	.730	.726	.733	.744	.758	.783	.790	.790	.776	.749
„ 14,...	.755	.748	.729	.732	.731	.743	.760	.774	.787	.792	.790	.781	.766	.744	.726	.721	.718	.710	.720	.742	.753	.753	.765	.759	.750
„ 15,...	.751	.742	.726	.718	.725	.733	.751	.765	.771	.780	.786	.779	.757	.733	.722	.720	.732	.736	.742	.764	.782	.792	.790	.792	.754
„ 16,...	.790	.781	.772	.772	.780	.777	.787	.798	.804	.815	.810	.799	.780	.765	.748	.744	.736	.740	.758	.784	.803	.815	.815	.806	.782
„ 17,...	.796	.791	.780	.772	.776	.785	.799	.819	.820	.815	.807	.778	.750	.730	.717	.701	.704	.716	.724	.740	.770	.776	.780	.763	.767
„ 18,...	.751	.749	.729	.729	.733	.733	.737	.754	.758	.755	.757	.748	.736	.723	.705	.700	.697	.699	.708	.726	.747	.750	.747	.740	.734
„ 19,...	.741	.738	.736	.735	.739	.747	.758	.765	.775	.779	.764	.741	.720	.699	.688	.686	.686	.689	.698	.721	.742	.745	.751	.749	.733
„ 20,...	.747	.736	.729	.725	.738	.746	.760	.774	.773	.772	.760	.740	.722	.710	.688	.690	.697	.713	.739	.741	.764	.774	.758	.760	.740
„ 21,...	.748	.734	.726	.725	.731	.743	.761	.768	.776	.776	.772	.752	.732	.722	.712	.713	.721	.744	.763	.783	.801	.807	.798	.792	.754
„ 22,...	.777	.769	.763	.761	.773	.778	.798	.810	.819	.811	.794	.779	.750	.734	.722	.724	.736	.757	.780	.801	.816	.820	.803	.789	.778
„ 23,...	.763	.752	.736	.743	.744	.748	.762	.776	.780	.774	.761	.744	.737	.730	.729	.727	.719	.711	.726	.746	.770	.762	.744	.720	.746
„ 24,...	.694	.674	.671	.671	.667	.696	.717	.725	.731	.736	.730	.700	.669	.660	.658	.650	.677	.685	.699	.710	.718	.714	.716	.698	.694
„ 25,...	.675	.658	.650	.647	.649	.671	.688	.699	.703	.711	.700	.682	.660	.637	.643	.648	.652	.670	.678	.695	.719	.715	.716	.712	.678
„ 26,...	.699	.685	.680	.679	.690	.714	.728	.752	.765	.774	.778	.773	.739	.725	.726	.738	.751	.758	.770	.790	.805	.804	.808	.798	.747
„ 27,...	.794	.797	.778	.770	.784	.801	.817	.837	.841	.860	.852	.831	.806	.785	.770	.765	.771	.773	.791	.813	.830	.834	.835	.827	.807
„ 28,...	.818	.794	.770	.760	.775	.789	.805	.816	.818	.813	.802	.777	.751	.723	.718	.712	.717	.731	.745	.758	.787	.786	.777	.769	.771
„ 29,...	.754	.735	.720	.715	.719	.736	.733	.743	.746	.741	.720	.696	.668	.651	.641	.641	.646	.673	.698	.723	.732	.731	.726	.716	.709
„ 30,...	.697	.689	.680	.675	.675	.691	.708	.730	.737	.735	.706	.688	.660	.626	.617	.610	.610	.620	.644	.663	.669	.665	.657	.654	.671
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hourly Means, ...	29.700	29.689	29.678	29.676	29.682	29.695	29.709	29.724	29.729	29.731	29.723	29.707	29.685	29.668	29.657	29.655	29.659	29.668	29.682	29.700	29.719	29.724	29.721	29.712	29.696

† Approximate.

TABLE II.

TEMPERATURE FOR THE MONTH OF SEPTEMBER, 1890.

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.
Sep. 1,.....	78.5	79.5	79.6	79.4	78.5	78.0	78.9	79.2	82.4	80.9	82.8	85.9	85.1	86.0	85.6	86.1	84.5	83.1	82.4	82.9	82.3	82.2	82.0	82.0	82.0	88.2	77.8
„ 2,.....	81.7	81.3	81.8	82.1	81.7	81.6	81.7	83.5	84.5	84.9	85.7	85.1	85.9	85.3	87.2	85.2	83.9	82.9	80.6	81.4	81.9	81.7	80.0	80.7	83.0	87.7	80.0
„ 3,.....	81.2	81.3	80.9	80.7	80.4	79.9	81.7	80.6	78.0	79.8	80.1	81.8	81.9	82.2	81.2	83.8	80.4	79.5	79.0	79.6	79.1	79.9	79.3	78.4	80.4	84.6	77.6
„ 4,.....	78.6	78.4	78.3	77.8	76.8	76.4	77.9	79.4	80.6	82.1	83.5	84.4	85.7	86.5	84.0	84.6	80.6	81.3	80.0	79.4	79.5	80.5	79.4	81.8	80.7	88.7	75.3
„ 5,.....	81.9	81.1	79.7	79.3	79.5	79.1	80.8	81.5	83.7	84.5	85.3	87.5	87.9	85.1	86.8	85.9	85.3	81.7	81.9	78.6	78.0	79.7	78.8	79.0	82.2	90.0	78.1
„ 6,.....	78.3	78.1	77.9	76.3	76.7	77.1	77.9	80.1	82.9	84.2	85.3	84.3	84.2	84.3	83.5	83.9	82.7	81.4	81.0	80.0	79.8	80.0	80.0	79.9	80.8	87.9	72.9
„ 7,.....	79.8	79.3	79.2	79.4	79.1	79.5	79.3	79.3	80.5	81.9	83.1	82.9	83.7	82.6	84.6	82.6	81.6	80.1	80.0	80.3	80.3	80.4	80.0	80.0	80.8	85.0	78.9
„ 8,.....	79.2	79.0	79.1	77.8	75.6	74.5	73.7	72.8	72.7	73.0	73.4	75.1	74.9	75.0	75.3	75.9	75.5	74.9	74.8	75.1	75.3	76.0	76.4	76.6	75.5	81.2	72.2
„ 9,.....	77.4	78.0	78.0	78.0	77.8	77.8	78.3	79.3	80.5	80.9	80.9	80.7	80.9	80.6	79.1	79.0	79.0	78.3	77.9	78.9	79.0	79.9	78.9	79.2	79.1	82.1	75.4
„ 10,.....	79.0	78.1	78.0	78.0	77.8	77.4	79.2	80.7	82.5	84.1	84.7	87.1	84.0	83.2	83.1	82.6	81.4	80.1	79.0	79.0	79.1	79.0	78.4	78.3	80.6	88.7	76.8
„ 11,.....	78.4	78.0	78.0	78.0	78.0	78.5	78.9	79.6	80.6	82.8	83.4	83.6	83.0	82.2	82.2	81.9	81.3	79.9	79.0	78.7	78.6	78.1	77.6	77.0	79.9	85.0	76.8
„ 12,.....	76.8	76.7	76.9	77.2	77.6	77.6	78.9	81.7	82.9	82.9	83.6	82.9	83.1	82.5	82.2	81.6	80.6	79.2	78.8	78.5	77.9	77.9	77.0	76.4	79.6	85.0	76.4
„ 13,.....	75.7	76.1	75.8	75.7	75.4	75.6	77.8	80.5	82.2	82.9	83.7	83.9	83.9	83.0	80.9	80.9	80.1	79.8	79.1	79.0	78.7	77.6	77.5	77.5	79.3	85.4	74.2
„ 14,.....	77.3	77.8	78.1	78.2	78.6	78.7	79.5	80.6	80.0	80.0	79.5	79.8	80.7	81.5	80.5	80.0	79.3	78.8	78.8	79.1	79.0	78.9	78.7	78.7	79.3	82.3	76.5
„ 15,.....	78.5	77.5	77.7	78.2	78.2	78.5	79.3	80.9	81.8	82.0	80.9	80.3	81.6	81.4	81.3	80.1	79.5	79.4	79.0	79.1	79.1	79.0	78.6	78.0	79.6	84.1	76.6
„ 16,.....	78.0	78.1	78.0	78.1	78.1	78.1	77.9	81.3	81.6	78.9	79.9	81.3	81.0	80.7	79.6	78.9	78.7	78.2	78.0	78.0	77.9	78.0	78.4	77.6	78.9	82.7	77.4
„ 17,.....	77.6	75.5	75.3	75.8	75.6	74.9	76.0	80.9	83.0	80.9	81.1	81.4	83.0	82.5	82.9	80.9	80.8	78.4	77.0	76.9	77.1	76.8	76.9	76.0	78.6	84.8	74.3
„ 18,.....	76.0	75.8	75.2	75.0	74.8	74.7	76.8	80.0	81.4	80.9	85.1	86.2	82.9	83.4	82.4	81.9	80.7	79.2	77.9	77.9	77.0	77.0	77.3	77.0	79.0	88.5	74.0
„ 19,.....	75.8	76.2	76.2	75.8	75.7	75.9	77.8	81.1	82.6	83.9	83.5	82.3	83.0	83.5	85.1	84.9	81.1	79.8	79.0	78.8	78.8	78.9	78.4	78.4	79.9	87.4	75.6
„ 20,.....	78.4	77.9	77.7	77.7	77.8	77.7	79.9	81.8	83.5	83.9	86.3	88.2	87.0	82.5	85.0	84.6	82.7	82.1	74.1	76.3	77.1	77.0	77.4	77.6	80.6	89.6	74.1
„ 21,.....	77.4	77.9	77.6	77.3	77.1	76.4	77.0	79.6	82.6	83.9	85.6	86.0	85.1	83.6	82.8	82.8	80.9	79.3	78.8	78.3	77.6	77.8	77.0	76.7	80.0	88.3	75.6
„ 22,.....	77.0	75.9	75.1	73.9	73.4	71.4	72.4	75.2	78.2	79.6	81.5	82.0	84.0	83.7	82.7	83.1	80.1	78.1	77.8	77.1	75.4	75.9	75.3	76.4	77.7	87.0	70.2
„ 23,.....	76.0	74.7	74.2	73.4	73.2	73.1	73.1	75.6	76.8	78.1	77.4	80.6	78.8	77.2	73.6	72.8	72.4	73.2	73.7	73.2	73.0	74.0	73.4	74.5	74.8	81.3	71.9
„ 24,.....	74.0	74.1	74.2	73.4	72.9	71.9	70.0	68.9	67.8	67.7	69.9	72.6	70.0	71.1	70.5	70.9	67.9	67.2	67.9	68.2	68.1	68.9	68.9	69.0	70.2	75.2	66.7
„ 25,.....	69.5	69.9	70.1	70.3	70.2	70.0	70.6	71.9	74.9	75.0	75.8	75.9	76.7	77.3	74.4	76.9	76.7	72.9	74.9	76.0	76.3	76.6	76.4	76.4	74.0	77.6	69.3
„ 26,.....	76.2	75.7	75.7	76.3	77.1	75.5	75.8	77.4	77.0	76.2	76.4	70.5	75.6	75.6	75.5	74.6	75.5	76.2	76.9	77.1	76.8	76.4	76.3	76.3	75.9	78.4	70.5
„ 27,.....	76.4	75.1	75.4	75.4	75.8	75.3	75.9	77.6	78.0	78.3	78.9	79.7	80.8	80.6	79.5	78.9	77.2	76.3	76.1	76.3	76.8	76.9	76.7	76.7	77.3	81.4	74.4
„ 28,.....	75.7	75.5	75.2	75.1	74.8	75.0	76.0	80.4	80.0	81.9	82.4	82.6	85.0	85.8	83.7	81.8	80.0	78.5	77.7	77.2	77.0	76.0	75.4	75.3	78.7	87.9	73.6
„ 29,.....	75.6	75.0	74.8	75.1	75.3	75.4	76.8	76.9	79.3	81.9	84.4	85.3	86.9	88.0	87.5	85.7	83.9	81.4	79.9	79.2	79.3	78.8	77.9	77.0	80.1	91.3	74.5
„ 30,.....	76.8	75.9	75.8	75.6	75.2	75.3	76.9	79.2	81.2	83.9	85.9	86.6	87.0	87.4	87.2	86.9	84.2	81.2	80.9	80.0	79.0	78.7	77.8	76.8	80.6	89.5	75.1
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hourly Means,.....	77.4	77.1	77.0	76.8	76.6	76.4	77.2	78.9	80.1	80.7	81.7	82.2	82.4	82.1	81.7	81.3	80.0	78.7	78.1	78.0	77.9	78.0	77.5	77.5	79.0	85.2	74.8

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION, FOR THE MONTH OF SEPTEMBER, 1890.

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, .	76.9	77.2	77.2	77.0	76.2	76.3	77.5	77.7	78.7	78.3	78.6	79.1	78.5	79.4	78.4	79.1	79.0	78.6	78.4	78.0	78.0	78.3	78.1	78.0	78.0	145.1
„ 2,...	78.1	78.0	78.0	78.1	78.0	78.1	78.6	79.0	79.5	80.0	79.8	79.7	79.9	79.6	80.6	79.9	79.9	79.0	78.0	78.6	78.7	79.0	78.5	78.8	79.0	133.9
„ 3,...	78.7	79.0	78.9	78.6	78.4	78.3	79.6	79.0	76.6	77.9	78.1	78.3	77.9	78.7	78.2	78.9	77.8	76.5	77.1	77.3	76.8	76.9	77.0	76.4	78.0	125.5
„ 4,...	75.7	75.4	75.6	74.6	74.1	73.8	74.7	75.4	76.6	77.0	78.0	77.5	78.3	79.3	78.9	78.7	77.2	77.7	76.1	75.8	77.0	77.0	75.1	73.3	76.4	140.3
„ 5,...	72.1	71.2	72.0	71.9	71.2	70.6	71.5	71.5	72.2	74.9	76.6	78.1	75.9	74.9	76.8	76.7	76.1	74.9	74.9	75.2	75.3	75.8	76.3	76.5	74.3	143.2
„ 6,...	75.8	75.5	75.5	74.7	72.8	72.3	73.1	73.9	74.9	74.4	75.2	75.8	75.9	76.9	77.4	77.0	76.8	76.0	75.6	75.1	75.1	75.2	75.1	73.8	75.2	145.4
„ 7,...	75.0	75.0	75.4	74.7	74.6	74.6	74.5	74.6	74.7	73.8	75.5	74.6	74.5	75.4	75.1	75.1	75.0	75.3	75.0	74.0	74.8	73.9	73.6	73.4	74.7	141.2
„ 8,...	73.5	73.4	73.2	72.2	72.2	71.7	71.7	70.9	71.3	70.5	71.9	72.3	71.8	72.5	71.8	71.8	71.3	71.2	70.4	70.6	70.8	70.8	71.0	71.2	71.7	100.0
„ 9,...	71.2	70.5	70.6	71.0	71.0	71.2	71.5	72.9	73.1	73.2	73.6	72.8	73.8	72.9	73.7	73.6	73.7	73.8	73.9	74.7	74.7	74.5	74.5	73.7	72.9	116.2
„ 10,...	73.6	73.7	73.7	73.6	73.5	73.1	74.2	74.6	75.4	76.1	76.0	78.5	76.6	77.2	77.3	75.8	76.0	74.7	74.3	74.4	74.7	74.8	74.7	74.9	75.1	142.8
„ 11,...	74.8	74.6	75.4	75.2	75.2	74.8	74.8	74.3	74.4	75.8	75.7	76.6	75.8	75.7	75.0	74.4	76.0	74.9	74.9	74.8	74.7	74.8	74.7	74.5	75.1	141.4
„ 12,...	74.6	74.7	74.5	74.7	74.7	74.3	74.4	76.0	73.7	73.1	73.2	73.2	73.6	73.6	73.3	72.8	72.5	72.6	72.8	73.3	73.4	73.0	72.9	72.9	73.7	138.2
„ 13,...	73.3	73.1	73.0	73.0	73.0	73.1	73.9	75.1	75.2	75.6	76.5	75.4	74.5	74.2	74.0	73.4	73.9	73.8	72.8	72.9	73.5	73.0	73.6	73.2	73.9	138.2
„ 14,...	73.6	73.4	74.0	73.8	73.7	72.9	73.7	74.2	74.8	74.4	73.3	73.5	73.6	73.4	73.2	72.6	71.9	71.6	71.6	72.3	72.5	72.6	72.8	72.6	73.2	135.3
„ 15,...	72.4	72.3	72.4	72.4	72.7	72.5	72.3	73.2	72.9	73.0	73.1	73.1	73.8	72.4	73.5	72.4	72.5	72.8	71.8	72.7	72.5	72.8	72.6	73.1	72.7	148.7
„ 16,...	73.2	72.6	72.7	72.7	73.4	73.4	73.8	75.2	75.7	74.8	74.4	75.1	75.8	74.9	73.9	72.8	72.8	72.8	72.9	72.9	73.6	72.9	73.2	73.1	73.7	138.9
„ 17,...	73.4	73.1	72.8	72.9	72.9	72.8	73.6	75.9	75.7	73.8	73.7	75.0	75.1	75.5	75.4	75.0	74.9	73.1	72.9	73.0	72.8	73.4	73.5	73.0	73.9	145.9
„ 18,...	72.9	73.0	72.7	72.8	72.9	72.9	73.5	73.7	74.7	74.4	75.6	75.1	73.8	73.8	72.3	72.8	71.9	70.7	70.6	71.7	71.8	72.0	72.5	72.5	72.9	146.5
„ 19,...	72.6	73.2	72.8	72.8	72.7	72.6	73.6	74.5	75.3	74.1	74.2	73.8	74.8	74.8	75.3	75.8	74.1	74.1	73.6	73.6	73.8	74.0	74.3	74.3	73.9	139.1
„ 20,...	74.1	74.5	74.2	73.7	73.6	73.3	73.8	73.8	73.3	72.8	72.9	73.6	74.8	73.0	71.9	70.8	69.3	67.8	69.3	70.5	69.1	70.9	70.5	70.3	72.2	142.2
„ 21,...	71.9	71.5	71.5	72.3	71.8	71.6	71.8	72.2	73.6	72.7	73.8	73.9	73.5	74.0	74.0	73.8	73.2	73.2	73.3	73.9	73.0	72.8	72.3	71.7	72.8	145.3
„ 22,...	62.8	62.2	62.3	61.6	61.5	61.8	62.1	62.8	64.2	63.8	65.0	65.5	66.7	65.8	65.3	65.6	66.8	66.9	67.3	67.5	66.9	66.9	67.6	61.8	64.6	138.9
„ 23,...	61.8	61.3	61.2	61.3	61.4	61.3	62.5	63.6	64.4	65.2	65.3	67.7	66.8	66.4	66.5	66.0	67.0	67.1	66.3	65.1	64.6	62.9	63.9	63.3	64.3	122.4
„ 24,...	64.2	63.4	63.0	63.7	63.8	62.9	63.0	63.4	64.4	65.0	65.6	66.6	65.4	66.0	65.4	65.1	64.0	63.9	63.8	63.7	63.6	62.8	63.3	63.5	64.1	107.1
„ 25,...	63.6	64.0	63.9	64.5	64.5	64.7	65.3	65.7	66.3	66.9	68.3	68.3	68.9	69.7	69.1	69.2	70.4	70.0	71.1	71.8	70.9	70.6	70.5	70.2	67.9	112.8
„ 26,...	70.2	70.3	70.4	70.0	† 69.6	68.0	68.4	67.7	68.7	69.4	69.0	65.8	70.1	70.2	70.2	69.9	67.8	69.8	69.7	69.9	70.6	70.8	70.8	71.0	69.5	120.8
„ 27,...	71.1	72.2	71.4	71.2	70.7	70.8	70.8	69.9	70.0	69.2	69.0	70.1	70.6	70.5	71.0	70.8	70.5	71.1	71.2	71.2	71.0	70.9	70.9	71.1	70.7	133.4
„ 28,...	71.2	71.3	71.3	71.2	71.2	71.2	71.4	74.3	72.5	72.8	73.6	74.2	75.9	75.1	74.3	72.0	71.4	71.7	71.6	71.6	72.3	72.0	72.5	72.4	72.5	144.2
„ 29,...	72.6	72.4	72.3	72.5	73.1	72.8	73.6	72.6	73.3	74.1	75.0	75.5	76.5	76.2	77.8	74.4	73.7	73.2	73.6	74.4	74.7	74.8	73.8	73.0	74.0	139.1
„ 30,...	73.6	73.7	73.6	73.4	72.8	72.8	73.9	74.9	75.8	76.2	77.0	75.9	76.5	76.7	77.3	78.0	77.3	75.5	75.6	74.7	74.1	74.7	74.5	73.9	75.1	146.7
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hourly Mean ...	72.3	72.2	72.2	72.1	71.9	71.7	72.2	72.8	73.1	73.1	73.6	73.8	74.0	74.0	73.9	73.5	73.2	72.8	72.7	72.8	72.8	72.8	72.8	72.4	72.9	135.3

† Approximate reading.

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR FOR THE MONTH OF SEPTEMBER, 1890.

Hour.	Hourly Mean.		Date.	Daily Mean.	
	Humidity.	Tension.		Humidity.	Tension.
			1890.		
1 a	77	0.731	Sept. 1,.....	83	0.906
2 „	77	.731	„ 2,.....	83	.938
3 „	78	.733	„ 3,.....	89	.928
4 „	78	.732	„ 4,.....	81	.853
5 „	78	.727	„ 5,.....	67	.743
6 „	78	.721	„ 6,.....	76	.800
7 „	77	.730	„ 7,.....	74	.779
8 „	74	.731	„ 8,.....	83	.727
9 „	70	.728	„ 9,.....	73	.727
10 „	68	.719	„ 10,.....	76	.798
11 „	67	.727	„ 11,.....	79	.808
Noon.	65	.728	„ 12,.....	74	.753
1 p	65	.733	„ 13,.....	76	.766
2 „	67	.738	„ 14,.....	74	.736
3 „	67	.739	„ 15,.....	70	.712
4 „	68	.728	„ 16,.....	77	.763
5 „	71	.733	„ 17,.....	79	.775
6 „	74	.734	„ 18,.....	74	.728
7 „	76	.738	„ 19,.....	74	.757
8 „	77	.744	„ 20,.....	64	.679
9 „	78	.745	„ 21,.....	69	.711
10 „	77	.744	„ 22,.....	46	.435
11 „	79	.751	„ 23,.....	54	.463
Midt.	77	.734	„ 24,.....	70	.518
			„ 25,.....	72	.602
			„ 26,.....	71	.636
			„ 27,.....	71	.664
			„ 28,.....	73	.717
			„ 29,.....	74	.759
			„ 30,.....	76	.798
			.....	...	...
Mean,.....	73	0.733	Mean.	73	0.733

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.
1890.														
September 1,.....	...	0.1	0.6	0.9	0.7	0.9	1.0	0.7	0.9	1.0	0.9	0.1	...	7.8
„ 2,.....	...	...	0.1	0.6	0.8	0.2	0.2	0.2	...	0.4	...	...	...	2.5
„ 3,.....	...	0.6	0.1	...	...	...	...	...	...	...	0.8	...	...	1.5
„ 4,.....	...	0.6	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.6	0.4	...	...	8.3
„ 5,.....	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.6	...	10.6
„ 6, ...	...	...	0.1	1.0	1.0	1.0	0.5	0.9	1.0	1.0	1.0	0.4	...	7.9
„ 7,.....	...	...	...	0.6	1.0	1.0	0.6	0.5	...	0.1	0.5	0.3	...	4.6
„ 8,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 9,.....	...	...	0.1	...	...	...	...	...	...	...	...	...	...	0.1
„ 10,.....	...	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	...	10.6
„ 11,.....	...	...	...	...	0.9	1.0	1.0	1.0	1.0	0.8	1.0	0.7	...	7.4
„ 12,.....	...	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	...	10.2
„ 13,.....	...	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	1.0	0.9	...	10.0
„ 14,.....	...	...	0.7	0.3	...	...	...	...	0.5	0.1	0.6	...	...	2.2
„ 15,.....	...	0.4	1.0	1.0	1.0	0.2	0.5	1.0	0.9	0.8	...	...	...	6.8
„ 16,.....	...	...	0.9	0.9	0.5	0.2	0.6	0.3	0.1	0.1	0.1	...	...	3.7
„ 17,.....	...	...	0.9	0.8	0.5	0.3	0.6	0.9	0.9	0.7	...	0.2	...	5.8
„ 18,.....	...	0.8	0.9	0.9	0.9	0.9	1.0	0.6	0.9	1.0	1.0	1.0	...	9.9
„ 19,.....	...	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	...	...	9.5
„ 20,.....	...	0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.4	0.6	...	...	8.1
„ 21,.....	...	0.6	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	0.4	...	9.9
„ 22,.....	...	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.4	0.9	...	9.5
„ 23,.....	...	...	0.1	0.2	0.1	...	...	...	...	...	...	...	...	0.4
„ 24,.....	...	...	...	...	...	...	...	...	...	...	0.1	...	...	0.1
„ 25,.....	...	...	...	0.1	...	...	...	...	...	...	...	...	...	0.1
„ 26,.....	...	...	0.2	...	...	...	...	...	...	...	...	...	...	0.2
„ 27,.....	...	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	...	9.9
„ 28,.....	...	0.2	0.9	1.0	1.0	1.0	0.9	1.0	1.0	0.9	1.0	0.5	...	9.4
„ 29,.....	...	...	...	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	...	7.9
„ 30,.....	...	0.7	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	0.6	...	10.2
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,.....	0.1	9.0	17.6	19.5	20.4	18.7	18.9	18.9	18.2	17.1	16.9	9.8	...	185.1

TABLE VI.

RAINFALL FOR THE MONTH OF SEPTEMBER, 1890.

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.	Victoria Peak.
Sept 1,.....	...	...	...	0.010	0.005	0.095	0.045	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.155	1	0.26
„ 2,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 3,.....	...	...	...	...	...	...	...	0.055	0.050	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.110	2	...
„ 4,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.010	...	...	...	...	...	...	...	0.010	0	...
„ 5,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.020	...	...	...	...	...	0.020	1	...
„ 6,.....	...	...	...	0.030	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.030	1	...
„ 7,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1.40
„ 8,.....	...	...	...	...	0.100	0.130	0.180	0.150	0.300	0.065	0.050	...	0.025	0.035	...	...	0.020	0.020	0.010	...	...	...	...	...	1.085	9	0.18
„ 9,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 10,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 11,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 12,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 13,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 14,.....	...	...	...	...	...	...	...	...	0.155	0.015	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.170	1	...
„ 15,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 16,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...
„ 17,.....	...	0.120	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.120	1	...
„ 18,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 19,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 20,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.050	...	...	...	...	...	0.050	1	...
„ 21,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 22,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 23,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	...	...	...	...	0.005	...	0.005	...	...	0.015	6	0.20
„ 24,.....	...	...	...	...	...	...	...	0.005	0.010	...	...	...	...	0.005	...	...	0.015	...	0.005	...	...	...	...	...	0.040	8	...
„ 25,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	...	...	...	...	...	...	...	0.005	1	0.31
„ 26,.....	...	...	...	...	...	...	...	...	...	...	0.005	0.095	...	...	...	...	...	...	...	...	...	...	...	...	0.100	2	0.10
„ 27,.....	...	0.030	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.030	0	...
„ 28,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 29,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 30,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums, ...	...	0.150	...	0.040	0.105	0.225	0.225	0.210	0.515	0.085	0.055	0.095	0.025	0.040	0.005	...	0.050	0.020	0.085	0.005	...	0.005	...	...	1.940	35	2.45

The daily duration of rain at the Observatory is entered from estimation.

The rainfall at Victoria Peak is measured at 10 a. and entered to preceding day.

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND FOR THE MONTH OF SEPTEMBER, 1890.

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,	17	3	...	1	...	1	17	2	16	4	14	3	...	1	30	5	27	4	27	7	27	11	19	16	19	9	20	14	19	18	19	11	18	9	18	8	17	10	18	12	17	8	17	6	17	8	18	6	177	7.4	19
" 2.	17	5	19	7	18	10	17	7	18	9	16	5	16	6	17	11	17	10	18	9	19	6	20	16	20	14	19	14	19	14	19	17	20	18	20	11	23	5	24	2	24	2	23	6	24	7	24	4	215	9.0	19
" 3.	21	8	20	10	23	9	21	9	24	5	24	3	25	6	28	7	28	5	...	0	...	1	...	1	27	6	27	6	26	7	24	8	25	6	26	7	26	7	23	5	24	5	24	6	24	8	24	9	144	6.0	24
" 4.	28	11	26	4	17	3	20	6	26	7	23	7	25	6	25	6	22	10	23	14	24	17	23	14	21	15	23	11	24	12	23	10	10	5	20	3	25	3	...	1	25	3	25	5	27	4	32	6	183	7.6	24
" 5.	32	18	32	7	32	5	2	6	32	13	31	4	2	4	3	13	32	12	32	12	9	5	14	3	10	7	10	5	24	10	24	10	24	8	24	6	5	7	12	4	10	9	10	5	8	16	7	16	205	8.5	3
" 6.	4	11	7	10	8	6	8	3	2	8	3	9	2	6	3	9	6	15	5	15	5	15	8	15	8	18	8	19	9	19	8	19	7	24	7	26	6	24	4	22	6	28	6	26	6	25	5	19	391	16.3	6
" 7.	6	18	6	21	6	20	6	30	6	27	6	30	6	30	6	24	6	33	6	36	7	35	7	27	5	25	7	30	7	31	7	37	7	34	7	31	7	32	6	29	6	29	5	30	6	32	5	35	706	29.4	6
" 8.	6	34	6	29	6	23	6	27	6	20	8	13	7	19	5	20	8	16	5	24	7	27	7	23	6	28	6	17	7	22	7	23	7	26	6	32	6	37	6	33	7	23	7	23	4	23	5	25	587	24.5	6
" 9.	6	23	6	27	5	26	5	26	4	16	4	15	5	14	5	11	4	12	5	15	6	13	6	7	3	4	3	5	10	9	10	12	10	11	7	5	7	5	7	6	7	10	8	15	7	11	6	9	307	12.8	6
" 10.	6	11	7	13	6	10	5	11	6	13	4	8	3	11	7	14	8	12	11	9	10	10	10	7	9	15	9	18	8	18	9	16	8	12	8	11	8	7	9	4	9	2	9	3	9	3	9	5	243	10.1	8
" 11.	8	8	5	3	10	4	9	5	7	2	8	7	7	4	4	6	6	12	7	15	8	15	10	16	9	17	9	22	9	18	10	19	9	15	10	11	8	9	10	5	10	4	...	1	...	0	10	2	220	9.2	9
" 12.	10	3	10	2	8	4	8	4	4	8	4	7	4	9	7	10	8	14	9	18	10	22	10	19	10	19	10	21	9	22	9	18	10	15	9	13	8	10	9	10	9	7	9	7	9	2	...	1	265	11.0	9
" 13.	9	4	9	4	9	5	6	5	7	5	8	5	8	6	6	11	7	13	8	12	9	15	9	15	9	15	9	19	9	21	9	18	10	18	8	17	9	12	8	8	8	5	...	1	10	2	10	2	238	9.9	9
" 14.	10	5	8	5	8	10	6	7	7	12	7	13	8	16	8	16	7	16	8	20	8	19	6	11	7	17	7	16	7	17	7	17	8	17	8	16	8	15	8	13	8	14	8	8	6	9	5	6	315	13.1	7
" 15.	7	8	6	5	4	6	6	11	5	11	7	15	6	18	6	23	7	22	6	24	6	24	7	24	6	21	6	19	10	23	9	20	8	15	8	15	8	11	8	11	8	14	7	13	7	12	7	16	381	15.9	7
" 16.	8	20	8	18	7	15	7	13	8	11	7	8	6	14	7	14	7	17	8	17	8	17	9	20	9	20	8	21	9	14	8	12	8	11	9	10	9	10	10	7	10	8	10	5	11	6	11	3	311	13.0	8
" 17.	11	3	6	8	7	6	8	6	8	5	9	2	9	2	9	2	9	4	9	8	10	12	9	11	9	8	8	8	10	6	11	7	16	5	15	8	14	4	14	4	14	4	...	1	...	0	...	1	125	5.2	10
" 18.	...	1	14	2	14	2	14	2	...	1	14	3	14	2	10	5	7	3	9	8	9	6	9	5	8	10	9	14	9	15	9	14	10	13	10	11	8	5	8	8	7	4	7	4	7	7	7	7	152	6.3	9
" 19.	7	3	7	4	7	5	5	6	5	6	5	4	3	5	6	6	8	8	10	8	9	14	9	14	9	12	8	8	28	5	28	5	4	4	6	6	7	7	11	3	11	4	11	5	11	5	11	4	151	6.3	8
" 20.	10	4	10	3	10	5	8	9	7	11	4	10	6	10	4	12	8	12	9	12	11	7	11	11	9	14	9	20	9	20	10	17	9	22	8	13	1	12	12	3	12	2	...	1	12	2	5	3	235	9.8	8
" 21.	10	9	7	15	5	12	7	18	6	16	4	10	2	4	4	8	32	13	2	9	32	12	32	10	32	13	10	11	9	9	9	10	8	12	9	14	8	10	7	9	6	8	6	11	6	10	4	11	264	11.0	6
" 22.	2	12	32	16	32	21	2	22	2	22	1	15	1	10	32	19	32	22	32	21	32	17	32	16	32	17	32	18	32	14	1	13	8	11	12	12	8	14	6	6	3	7	3	7	3	10	2	20	362	15.1	1
" 23.	1	21	2	21	1	23	1	20	1	23	1	24	32	25	32	25	32	25	32	23	32	24	32	24	32	13	4	13	5	15	4	15	5	12	6	15	6	16	6	17	6	13	3	22	4	21	2	22	472	19.7	2
" 24.	3	21	2	25	3	18	1	15	32	16	32	19	32	23	32	21	32	21	32	19	32	18	32	20	32	26	32	26	32	21	32	24	2	26	1	23	1	20	1	22	1	22	1	21	32	20	1	14	501	20.9	1
" 25.	2	13	4	19	5	22	5	23	5	22	5	22	5	21	5	24	6	28	6	30	7	37	6	32	6	30	6	32	6	26	6	30	6	33	5	23	6	24	7	29	7	29	7	32	7	30	7	30	641	26.7	6
" 26.	6	31	6	31	7	30	7	31	7	27	7	36	7	34	7	32	7	40	7	42	6	43	7	37	7	31	7	33	7	33	7	29	7	32	7	30	7	24	7	27	7	30	7	35	7	32	7	35	785	32.7	7
" 27.	7	30	6	25	5	27	5	30	5	25	5	23	6	26	6	32	6	33	6	28	6	27	7	29	7	23	10	20	10	22	10	21	8	18	8	18	8	20	8	15	7	17	8	14	8	12	7	12	547	22.8	7
" 28.	6	9	6	12	5	12	5	13	6	12	5	9	5	5	6	3	24	6	23	7	23	8	24	7	23	5	24	10	25	8	8	8	10	11	10	11	10	5	10	4	...	0	...	0	...	0	...	1	166	6.9	6
" 29.	...	0	...	0	...	1	...	0	...	1	...	0	...	1	11	4	22	9	23	8	24	9	24	8	25	6	26	7	26	9	8	8	11	4	11	5	11	6	9	8	9	6	...	1	...	1	...	1	103	4.3	21
" 30.	9	2	...	0	...	0	...	0	...	1	...	1	...	1	1	3	28	7	24	8	24	14	23	10	24	8	24	10	25	8	25	7	27	3	16	8	15	6	11	7	9	7	9	3	9	3	9	2	119	5.0	23
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	...	349	...	347	...	341	...	367	...	359	...	330	...	339	...	396	...	454	...	478	...	500	...	468	...	466	...	487	...	486	...	475	...	450	...	419	...	377	...	334	...	324	...	317	...	321	...	327	9511	396.3	...
Hourly Means,	...	11.6	...	11.6	...	11.4	...	12.2	...	12.0	...	11.0	...	11.3	...	13.2	...	15.1	...	15.9	...	16.7	...	15.6	...	15.5	...	16.2	...	16.2	...	15.8	...	15.0	...	14.0	...	12.6	...	11.1	...	10.8	...	10.6	...	10.7	...	10.9	317.0	13.2	...

TABLE VIII.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR SEPTEMBER, 1890.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N-S	+E-W	
1 a.	5.10	8.25	0.83	0.53	+4.27	+ 7.72	E 29° N
2 „	5.05	8.49	0.60	0.50	4.45	7.99	E 29° N
3 „	5.22	8.10	0.70	0.47	4.52	7.63	E 31° N
4 „	5.57	9.07	0.70	0.40	4.87	8.67	E 29° N
5 „	6.01	8.07	0.40	0.50	5.61	7.57	E 37° N
6 „	5.43	7.50	0.40	0.37	5.03	7.13	E 35° N
7 „	5.50	7.67	0.27	0.40	5.23	7.27	E 36° N
8 „	6.53	8.83	0.50	0.50	6.03	8.33	E 36° N
9 „	5.97	9.90	0.63	1.23	5.34	8.67	E 32° N
10 „	5.69	10.80	1.07	1.57	4.62	9.23	E 27° N
11 „	4.83	11.53	1.20	2.03	3.63	9.50	E 21° N
Noon.	3.90	10.40	2.30	1.97	1.60	8.43	E 11° N
1 p.	4.47	10.67	1.90	1.71	2.57	8.96	E 16° N
2 „	3.57	11.83	2.17	2.00	1.40	9.83	E 9° N
3 „	2.87	11.63	2.68	2.47	0.19	9.16	E 1° N
4 „	2.80	11.97	2.57	1.81	0.23	10.16	E 1° N
5 „	2.40	12.37	2.06	1.10	0.34	11.27	E 2° N
6 „	2.57	11.10	2.13	0.83	0.44	10.27	E 2° N
7 „	3.03	10.30	1.03	0.53	2.00	9.77	E 12° N
8 „	2.77	9.13	1.30	0.40	1.47	8.73	E 10° N
9 „	2.70	9.03	0.90	0.40	1.80	8.63	E 12° N
10 „	3.33	8.23	0.58	0.60	2.75	7.63	E 20° N
11 „	3.58	8.14	0.63	0.70	2.95	7.44	E 22° N
Midt.	4.80	7.97	0.40	0.50	+4.40	+ 7.47	E 31° N
Mean, ...	4.32	9.62	1.16	0.98	+3.16	+ 8.64	E 20° N

TABLE IX.

VICTORIA PEAK.

Date.	Barometer.			Temperature.					Wind.					
									10 a.		4 p.		10 p.	
	10 a.	4 p.	10 p.	10 a.	4 p.	10 p.	Max.	Min.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1890.														
Sept. 1	27.97	27.92	27.95	76	76	75	77	74	SSW	4	SW	4	SW	5
„ 2	.96	.93	.95	76	76	75	78	75	SSW	5	SSW	5	SW	4
„ 3	.94	.92	.93	76	76	75	77	75	SW	1	SW	4	SW	4
„ 4	.92	.88	.91	75	79	76	80	73	NW	3	NW	2	NW	3
„ 5	.90	.88	.88	78	81	77	81	74	NE	4	NNW	2	NE	4
„ 6	.91	.88	.86	77	79	75	80	73	NE	4	E	4	E	5
„ 7	.91	.89	.92	73	76	73	80	72	E	6	E	5	E	5
„ 8	.94	.91	.93	69	68	68	73	65	E	5	E	6	E	6
„ 9	.98	.95	.97	71	72	71	73	68	ENE	4	ENE	2	E	4
„ 10	.99	.96	.97	76	78	74	79	70	E	3	ENE	3	E	3
„ 11	28.03	.96	28.01	75	78	74	79	73	E	3	E	3	E	4
„ 12	.06	28.01	.03	76	76	74	78	74	E	4	E	3	E	4
„ 13	.08	.06	.06	77	78	75	78	72	E	3	E	3	ESE	4
„ 14	.08	.03	.02	73	73	72	78	69	E	4	E	3	SE	4
„ 15	.07	.06	.07	74	75	73	76	71	E	5	E	4	E	4
„ 16	.11	.05	.07	73	74	72	75	72	E	4	E	2	E	3
„ 17	.12	.03	.06	74	73	74	76	71	E	2	E	3	E	2
„ 18	.06	.01	.05	75	78	74	78	73	E	3	E	2	E	3
„ 19	.09	.02	.04	76	79	76	79	73	E	3	E	2	E	2
„ 20	.07	.01	.04	77	79	74	80	65	E	4	E	4	NE	5
„ 21	.06	.03	.08	75	77	75	79	72	NE	4	NNE	4	NE	3
„ 22	.11	.02	.08	72	75	71	78	71	NNE	5	NNE	4	NE	4
„ 23	.06	.02	27.98	69	67	65	71	65	NNE	5	ENE	5	NE	5
„ 24	27.99	27.92	.95	62	64	63	65	61	NE	6	NE	6	NE	7
„ 25	.97	.92	.93	66	67	65	68	62	E	6	E	6	E	6
„ 26	28.03	28.02	28.05	68	67	66	68	65	E	7	E	6	E	6
„ 27	.13	.07	.08	71	73	69	73	66	E	6	E	4	E	4
„ 28	.10	.05	.07	73	74	72	78	69	NNE	2	E	1	NE	4
„ 29	.04	27.99	.00	75	78	75	80	72	NNW	3	NNE	1	NE	2
„ 30	.05	.96	27.95	78	83	78	83	74	NW	2	N	1	N	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mean,	28.024	27.979	27.997	73.5	75.0	72.5	76.6	70.3	E 17° N	4.0	E 9° N	3.5	E 18° N	4.0

TABLE X.

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
1890.												
Sept. 1, ...	5	cum.	SSW	7	cum.	SSW	10	c-str. / cum.	SSW	8	c-str. / c-cum. / cum.	.. / NE / SW
„ 2, ...	9	cum.	SSW	10	cum.	SSW	10	nim.	SSW	10	c-str. / cum.	SW
„ 3, ...	10	cum.	SW	10	cum.	SW	10	c-str. / c-cum. / cum.	W	10	c-str. / sm-cum. / cum.	W
„ 4, ...	9	cum.	...	8	c-cum.	...	3	c-str. / c-cum.	...	1	c-str. / c-cum.	...
„ 5, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 6, ...	8	cum.	NE	10	nim.	NE	10	cum.	ENE	3	cum.	NE
„ 7, ...	10	cum.	ENE	10	cum.	ENE	10	cum.	E	5	cum.	ENE
„ 8, ...	10	cum.	NE	10	cum-nim.	NE	10	nim.	ENE	10	nim.	NE
„ 9, ...	10	cum-nim.	ENE	10	cum.	ENE	10	sm-cum. / cum.	W / E	10	c-str. / cum.	ENE
„ 10, ...	0	...	...	0	...	...	4	c-cum. / cum.	NE	2	cum.	ENE
„ 11, ...	3	c-cum.	...	9	cum.	...	10	c-str. / sm-cum.	ENE	4	c. / sm-cum. / cum.	E
„ 12, ...	0	...	...	10	cum.	...	7	c-cum. / sm-cum. / cum.	E	2	sm-cum.	WNW
„ 13, ...	0	...	...	0	...	...	4	c-str. / c-cum. / sm-cum.	E	7	c-str. / cum.	E
„ 14, ...	0	...	...	8	cum.	E	10	c-str. / c-cum. / cum.	E	10	cum.	E
„ 15, ...	8	sm-cum.	E	10	cum.	E	7	c-cum. / sm-cum. / cum.	E	7	sm-cum. / cum.	E / E
„ 16, ...	8	cum.	E	7	sm-cum.	E	10	nim.	E	10	sm-cum. / cum.	E
„ 17, ...	10	c-str.	...	10	cum.	...	8	c-cum. / cum.	E	10	c-str. / cum.	E
„ 18, ...	8	c-str.	...	0	...	...	1	cum.	...	4	cum.	E
„ 19, ...	0	...	...	5	c-str.	...	0	...	...	1	cum.	E
„ 20, ...	8	c-str.	...	2	cum.	...	3	sm-cum. / cum.	E	0	...	...
„ 21, ...	7	c-str.	...	1	cum.	...	3	cum.	E	2	cum.	NE
„ 22, ...	2	cum.	...	0	...	...	3	c-str.	N	2	c-str.	NW
„ 23, ...	8	c-str.	...	10	c-str.	...	10	c-str. / sm-cum.	...	10	c-str. / sm-cum.	...
„ 24, ...	10	cum.	...	10	cum.	...	10	str. / cum	ENE	10	nim.	NE
„ 25, ...	10	cum-nim.	ENE	10	cum.	...	10	cum.	ENE	10	str. / cum.	E
„ 26, ...	10	cum.	E	10	cum.	...	10	sm-cum / str-cum. / cum.	.. / ESE / E	10	c-str. / cum.	E
„ 27, ...	10	sm-cum. / cum.	E	10	cum.	E	10	cum.	E	7	c. / cum.	E
„ 28, ...	4	cum.	E	0	...	...	10	sm-cum. / cum.	NE	4	cum.	ENE
„ 29, ...	10	cum.	E	10	cum.	E	10	cum.	E	1	sm-cum.	...
„ 30, ...	0	...	...	0	...	...	0	...	...	0	...	...
.....	...	...	...	...	...	...	...	...	...	...	...	...
Mean,...	6.2	...	...	6.6	...	...	7.1	...	...	5.7	...	...

TABLE X,—*Continued.*

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 p.			4 p.			7 p.			10 p.			Daily and Monthly Means.
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	
1890.													
Sept. 1,...	8	c-str. / c cum. / cum.	.. / NE / SW	9	c-str. / cum.	SW	9	c-str. / cum.	SW	9	cum.	SW	8.1
„ 2,...	10	c-str. / cum.	SSW	10	c-str. / cum.	SSW	10	c-str. / cum.	SSW	10	c str. / c cum. / cum.	.. / E / SSW	9.9
„ 3,...	9	c-str. / cum.	W	8	c-str. / cum.	W	3	c-str. / cum.	W	10	cum.	...	8.8
„ 4,...	2	sm-cum. / cum.	WSW	9	sm-cum. / cum.	W	3	sm-cum. / cum.	W	9	cum-nim.	...	5.5
„ 5,...	2	cum.	...	2	cum.	N	10	nim.	E	8	cum.	E	2.7
„ 6,...	8	cum.	NE	2	cum.	E	10	cum.	E	4	cum.	E	6.9
„ 7,...	9	c-str. / sm-cum. / cum.	ENE	9	c-str. / sm-cum. / cum.	E	9	c-str. / sm-cum. / cum.	ENE	10	cum-nim.	NE	9.0
„ 8,...	10	nim.	ENE	10	cum.	ENE	10	nim.	...	10	cum-nim.	...	10.0
„ 9,...	10	str.	...	10	c-str. / sm-cum. / cum.	.. / W / ENE	8	c-str. / cum.	ENE	5	c-str. / cum.	NE	9.1
„ 10,...	1	cum.	E	0	...	...	1	c-str. / cum.	...	9	cum.	E	2.1
„ 11,...	2	sm-cum. / cum.	E	7	c str. / sm-cum. / cum.	.. / W / E	0	...	...	0	...	...	4.4
„ 12,...	0	...	...	2	sm-cum.	NW	3	sm-cum.	NW	0	...	...	3.0
„ 13,...	6	c-str. / sm-cum. / cum.	.. / W / E	2	sm-cum.	...	2	c-str.	...	0	...	...	2.6
„ 14,...	10	c-str. / sm-cum. / cum.	.. / NNE / ESE	8	sm-cum.	ENE	9	cum.	...	8	cum.	E	7.9
„ 15,...	2	cum.	E	10	sm-cum. / cum.	E	9	cum.	E	2	cum.	E	6.9
„ 16,...	10	cum.	E	10	cum.	E	10	str-cum.	...	10	c-str. / cum.	E	9.4
„ 17,...	8	c-str. / cum.	N	9	c-str. / cum. / cum.	.. / N / SE	1	c-str.	...	2	c-str.	...	7.3
„ 18,...	5	sm-cum. / cum.	E	0	...	...	0	...	...	0	...	...	2.2
„ 19,...	3	cum.	E	6	sm-cum. / cum.	N	0	...	...	7	cum.	ENE	2.8
„ 20,...	0	...	...	7	sm-cum.	NE	10	cum-nim.	E	7	cum.	E	4.6
„ 21,...	6	cum.	NE	2	cum.	NE	0	...	...	0	...	...	2.6
„ 22,...	2	c-str.	...	9	c-str.	WNW	0	...	...	7	c-str. / cum.	W / E	3.1
„ 23,...	10	c-str. / sm-cum.	...	10	nim.	...	10	nim.	...	10	nim.	E	9.7
„ 24,...	10	nim.	NE	10	str. / cum.	NE	10	sm-cum. / str. / cum.	S / .. / ENE	10	sm-cum. / cum-nim.	S / ENE	10.0
„ 25,...	10	cum.	E	10	cum.	E	10	str. / cum-nim.	E	10	c-str. / cum-nim.	E	10.0
„ 26,...	10	str. / cum.	E	10	nim.	E	10	str. / cum.	E	10	sm-cum. / cum.	ESE / E	10.0
„ 27,...	8	c. / sm-cum.	...	4	c.	...	1	c-str. / cum.	E	0	...	...	6.2
„ 28,...	6	cum. / cum.	E / NNE	1	cum.	E	1	cum.	E	1	c-str. / sm-cum.	NE	3.4
„ 29,...	0	...	...	1	cum.	E	1	sm-cum.	NE	0	...	...	4.1
„ 30,...	2	cum.	NE	1	c-str.	...	0	...	...	5	c-str.	E	1.0
.....	...	...	...	...	...	...	...	...	...	..	...	...	...
Mean,...	6.0	...	...	6.3	...	...	5.3	...	...	5.8	...	...	6.1

TABLE I.

BAROMETRIC PRESSURE FOR THE MONTH OF OCTOBER, 1890.

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,...	29.651	29.641	29.632	29.629	29.637	29.646	29.654	29.663	29.656	29.652	29.635	29.614	29.593	29.573	29.564	29.560	29.567	29.580	29.584	29.607	29.634	29.638	29.641	29.642	29.621
„ 2,...	.630	† .632	.631	.634	.638	.633	.640	.666	.680	.677	.657	.646	.628	.610	.607	.611	.626	.640	.655	.675	.697	.689	.680	.677	.648
„ 3,...	.670	.670	.651	.654	.658	.674	.685	.690	.703	.698	.690	.666	.652	.636	.630	.635	.637	.660	.674	.688	.697	.702	.696	.681	.671
„ 4,...	.672	.665	.658	† .644	.642	.648	.679	.703	.713	.710	.691	.666	.646	.628	.616	.613	.626	.640	.665	.678	.683	.683	.683	.682	.664
„ 5,...	.679	.672	.668	.671	.683	.703	.726	.740	.745	.742	.736	.724	.708	.694	.694	.696	.707	.724	.740	.769	.785	.780	.775	.775	.722
„ 6,...	.768	.769	.771	.771	.777	.787	.814	.846	.851	.854	.855	.839	.816	.809	.806	.809	.819	.834	.856	.893	.902	.893	.893	.889	.830
„ 7,...	.878	.872	.861	.868	.883	.896	.910	.918	.916	.916	.910	.892	.868	.859	.852	.852	.860	.868	.878	.897	.903	.903	.901	.883	.885
„ 8,...	.839	.851	.843	.836	.846	.853	.862	.877	.888	.886	.872	.850	.813	.803	.784	.776	.782	.792	.808	.832	.846	.853	.851	.848	.838
„ 9,...	.836	.820	.816	.814	.821	.836	.853	.860	.863	.857	.839	.813	.790	.764	.758	.764	.772	.789	.800	.820	.835	.840	.836	.834	.818
„ 10,...	.821	.809	.800	.800	.807	.824	.844	.856	.860	.857	.848	.826	.806	.775	.767	.767	.771	.777	.787	.805	.831	.832	.835	.829	.814
„ 11,...	.818	.809	.809	.822	.839	.860	.883	.895	.905	.907	.886	.856	.827	.806	.791	.790	.785	.797	.811	.831	.844	.850	.851	.827	.837
„ 12,...	.808	.786	.770	.760	.761	.783	.785	.789	.782	.773	.753	.728	.702	.665	.653	.662	.683	.682	.690	.702	.719	.739	.712	.704	.733
„ 13,...	.675	.675	.664	.662	.675	.703	.741	.754	.780	.804	.800	.792	.788	.769	.769	.774	.783	.797	.822	.851	.870	.889	.895	.886	.776
„ 14,...	.885	.870	.865	.878	.876	.898	.920	931	.953	.958	.946	.937	.925	.915	.908	.909	.921	.925	.938	.947	.955	.966	.969	.968	.923
„ 15,...	.963	.950	.948	.950	.965	.978	.995	30.004	30.020	30.020	30.010	30.001	.979	.959	.961	.962	.973	.991	30.005	30.030	30.054	30.056	30.051	30.049	.995
„ 16,...	30.035	30.024	30.012	30.004	30.007	30.019	30.025	.034	.050	.049	.040	.021	30.001	.979	.971	.960	.960	.951	29.966	29.987	29.995	.000	29.997	29.992	30.003
„ 17,...	29.984	29.967	29.952	29.940	29.948	29.962	29.975	29.983	29.987	29.982	29.966	29.926	29.898	.866	.838	.820	.815	.822	.831	.838	.847	29.850	.845	.844	29.904
„ 18,...	.841	.834	.837	.846	.867	.880	.898	.916	.930	.934	.912	.885	.859	.840	.839	.836	.850	.868	.896	.924	.926	.933	.935	.937	.884
„ 19,...	.929	.929	.927	.930	.931	.936	.960	.972	.979	.982	.968	.949	.934	.917	.905	.908	.909	.925	.943	.970	.977	.975	.971	.965	.945
„ 20,...	.956	.947	.938	.944	.961	.980	30.001	30.013	30.026	30.016	.998	.970	.941	.918	.909	.917	.929	.943	.951	.970	.974	.973	.967	.954	.962
„ 21,...	.936	.925	.917	.916	.923	.934	29.958	29.971	29.979	29.966	.946	.906	.861	.837	.816	.817	.817	.831	.845	.860	.860	.858	.848	.832	.890
„ 22,...	.829	.825	.824	.829	.838	.846	.854	.855	.864	.860	.840	.813	.785	.770	.763	.769	.783	.795	.820	.844	.869	.871	.865	.864	.828
„ 23,...	.860	.855	.855	.855	.854	.864	.882	.902	.920	.921	.908	.888	.862	.846	.837	.838	.847	.863	.885	.907	.918	.921	.918	.915	.880
„ 24,...	.920	.923	.916	.914	.923	.945	.965	.980	30.000	30.003	.977	.945	.923	.899	.896	.895	.905	.915	.933	.957	.965	.970	.974	.968	.942
„ 25,...	.959	.958	.958	.962	.981	.995	30.013	30.021	.033	.028	30.011	.996	.970	.948	.937	.928	.929	.941	.968	.993	30.000	30.011	30.013	30.006	.982
„ 26,...	.997	.989	.985	.989	.998	30.009	.030	.054	.072	.067	.055	30.027	30.002	.993	.981	.981	.992	30.008	30.037	30.054	.060	.056	.060	.054	30.023
„ 27,...	30.043	30.029	30.027	30.026	30.032	.043	.059	.079	.103	.094	.080	.062	.028	30.002	.987	.993	30.000	.006	.019	.040	.046	.048	.043	.032	.038
„ 28,...	.025	.010	29.998	29.990	.006	.025	.032	.050	.068	.070	.046	.018	29.978	29.956	.945	.947	29.956	29.970	29.986	.009	.011	.014	.014	.008	.005
„ 29,...	.005	29.992	.985	.981	29.985	29.994	.019	.036	.049	.043	.027	.002	.973	.950	.943	.945	.955	.969	.980	29.997	.003	.008	.010	29.998	29.994
„ 30,...	29.992	.993	.983	.989	.998	30.021	.040	.059	.071	.072	.056	.035	30.011	.993	.973	.971	.977	.987	30.001	30.021	.028	.029	.026	30.013	30.014
„ 31,...	30.003	.997	.996	.994	30.007	.026	.042	.059	.081	.076	.058	.026	29.993	.976	.959	.965	.974	.984	.002	.013	.016	.025	.022	.011	.013
Hourly Means. ...	29.869	29.861	29.855	29.855	29.863	29.877	29.895	29.909	29.920	29.918	29.904	29.881	29.857	29.837	29.828	29.828	29.836	29.848	29.864	29.884	29.895	29.899	29.896	29.889	29.874

† Approximate Reading.

TABLE II.

TEMPERATURE FOR THE MONTH OF OCTOBER, 1890.

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,	76.9	77.0	76.2	76.6	76.3	77.6	79.9	82.4	84.2	87.7	92.6	90.6	89.7	90.4	90.3	88.9	87.8	84.8	82.9	80.9	80.4	79.9	79.8	79.4	83.0	93.6	74.0
„ 2,	79.6	79.4	79.7	79.8	79.7	79.6	79.8	81.7	84.3	83.3	86.7	88.9	86.1	84.2	81.7	80.9	80.1	79.7	79.7	80.0	80.0	79.6	79.4	79.3	81.4	89.2	78.5
„ 3,	79.4	79.5	79.4	79.5	78.5	78.3	77.9	79.9	82.4	81.9	83.5	81.6	80.7	79.7	78.8	78.9	78.1	77.1	77.1	77.1	76.9	77.0	76.8	76.8	79.0	84.9	76.4
„ 4,	76.7	76.7	76.1	75.8	75.4	75.1	75.0	74.8	76.6	78.9	79.9	81.0	81.9	79.1	79.1	77.3	76.7	76.6	76.0	76.0	76.0	76.0	75.8	76.0	77.0	84.0	74.1
„ 5,	75.8	75.8	75.2	75.0	74.5	74.6	74.7	75.2	76.4	76.9	78.9	81.4	79.2	77.7	78.1	77.0	76.9	75.6	75.2	74.9	74.9	74.7	74.7	74.7	76.2	83.6	73.6
„ 6,	74.3	73.9	74.2	73.9	73.6	73.7	74.4	75.3	77.9	78.1	79.9	79.5	81.8	79.6	78.9	77.7	75.5	75.1	74.9	74.7	74.7	74.0	73.9	73.5	76.0	81.8	73.5
„ 7,	73.3	72.9	72.9	72.9	72.6	72.6	73.6	73.6	75.9	76.0	77.7	76.9	79.8	78.9	77.7	76.4	75.5	75.1	74.9	74.9	74.8	74.1	73.7	73.2	75.0	79.8	72.4
„ 8,	73.2	73.2	73.3	72.8	72.9	73.3	73.8	75.5	76.9	76.9	79.1	80.5	81.4	80.7	79.1	78.6	77.0	74.8	74.0	74.2	74.4	74.0	73.9	73.7	75.7	81.4	72.3
„ 9,	73.7	73.8	73.6	73.2	72.9	72.5	73.8	76.1	78.4	78.7	80.7	79.7	79.7	80.3	80.0	80.2	77.0	75.0	74.2	74.0	73.9	73.0	72.2	71.9	75.8	83.2	71.6
„ 10,	72.3	72.2	71.6	71.8	71.5	71.6	73.2	76.1	78.0	80.3	77.1	81.1	80.2	82.0	80.4	78.2	77.2	75.1	74.6	74.0	74.3	74.1	73.7	72.8	75.6	83.6	70.6
„ 11,	73.8	73.8	73.9	73.9	74.2	74.4	75.2	76.1	79.7	81.1	81.7	84.1	83.8	85.7	83.0	81.3	79.8	77.9	72.0	76.0	75.8	75.0	74.1	73.9	77.5	86.7	72.0
„ 12,	73.8	74.2	74.2	74.1	74.2	74.6	75.7	79.5	83.0	85.0	89.2	91.8	90.7	91.2	91.7	89.7	88.3	87.0	86.0	86.0	85.9	80.0	83.8	83.4	83.0	93.8	72.5
„ 13,	83.2	82.9	82.6	82.2	81.8	81.0	80.4	80.9	81.2	81.8	82.3	82.7	80.1	81.4	79.3	80.6	78.8	77.7	77.7	76.7	76.8	76.0	75.8	75.8	80.0	86.4	75.6
„ 14,	75.8	75.7	75.0	75.1	75.2	75.3	75.0	75.4	75.6	76.8	77.1	78.5	78.4	77.4	76.7	77.7	75.6	75.3	75.0	74.9	74.9	74.9	74.5	74.5	75.8	80.5	74.4
„ 15,	74.2	74.3	74.1	74.0	74.0	73.8	74.0	74.8	76.7	78.9	79.1	79.2	77.9	77.3	76.8	75.6	74.5	74.3	74.0	74.1	74.0	73.9	74.3	73.7	75.3	80.4	73.1
„ 16,	73.1	72.9	72.7	72.3	72.1	71.2	73.0	74.6	76.9	77.9	78.8	77.4	77.0	76.3	76.6	76.2	74.5	74.1	74.0	74.1	73.9	73.6	73.8	73.5	74.6	80.2	71.2
„ 17,	73.4	73.5	73.4	73.2	73.1	73.2	73.9	76.5	78.0	79.3	80.8	79.8	78.1	81.2	80.9	79.9	77.3	75.6	75.0	74.0	73.9	73.5	73.2	72.7	76.0	83.6	72.4
„ 18,	72.6	72.5	72.3	71.9	71.7	71.3	72.0	74.7	76.2	77.9	77.2	81.3	80.9	83.4	79.3	79.3	76.8	75.4	75.9	73.4	72.1	71.1	70.6	69.3	75.0	85.6	69.2
„ 19,	68.6	67.8	66.9	66.6	65.9	65.6	66.9	69.3	70.7	72.9	75.5	75.7	76.8	76.9	78.0	76.9	75.9	74.0	72.0	72.5	71.7	70.2	69.5	68.8	71.5	80.2	65.5
„ 20,	69.1	68.5	68.3	67.6	67.5	67.5	68.5	72.5	75.3	76.2	76.7	76.9	77.6	78.1	80.4	77.5	75.3	72.6	71.7	70.9	69.6	71.2	70.3	70.4	72.5	81.4	66.8
„ 21,	70.1	70.4	70.5	70.0	68.8	69.7	70.3	72.6	74.5	79.7	79.0	79.2	81.7	82.6	81.6	79.9	79.2	75.7	75.9	76.0	76.9	75.8	74.8	73.8	75.4	84.7	67.6
„ 22,	73.1	72.2	72.0	71.4	70.5	70.0	71.9	73.6	75.0	76.4	78.8	80.9	81.0	80.7	82.4	80.9	80.5	74.9	74.4	73.8	72.9	73.0	72.3	72.1	75.2	86.7	68.4
„ 23,	71.2	71.3	70.8	70.7	69.9	69.6	70.5	72.3	73.5	75.4	77.9	80.9	80.2	77.0	74.4	73.1	72.2	71.1	70.9	70.9	71.0	71.0	71.0	70.8	72.8	82.1	68.9
„ 24,	70.0	69.6	68.4	67.9	67.7	67.4	68.4	70.3	71.6	72.4	72.8	74.2	75.2	74.5	72.7	72.9	72.7	71.2	71.0	70.4	70.2	69.9	69.5	69.4	70.8	77.0	66.0
„ 25,	69.3	68.9	68.2	68.1	66.9	66.8	68.4	71.5	74.4	75.4	79.8	77.5	78.2	76.7	76.3	74.9	73.0	71.7	71.0	71.0	70.9	70.0	69.1	69.2	72.0	81.3	64.4
„ 26,	68.5	69.6	69.2	69.3	68.1	67.2	68.8	73.5	73.2	74.8	78.4	78.4	78.7	76.6	74.5	72.9	71.8	71.0	70.5	69.8	69.9	69.7	67.8	67.1	71.6	80.0	65.6
„ 27,	66.9	66.6	66.3	67.7	66.8	66.7	68.0	71.1	73.6	74.1	73.7	74.1	75.0	73.3	72.6	72.2	70.7	69.5	69.1	68.5	67.9	68.7	67.7	66.9	69.9	76.9	66.0
„ 28,	66.9	67.0	66.7	66.8	66.8	66.9	68.7	71.9	71.9	74.4	75.9	78.7	77.2	76.7	73.2	73.0	71.6	70.3	69.8	69.9	69.8	69.3	68.9	68.6	70.9	78.7	65.9
„ 29,	68.4	68.2	67.3	66.9	66.1	65.6	67.0	70.5	75.4	76.0	75.1	75.4	73.8	73.5	72.9	71.8	71.0	70.1	69.6	68.7	68.7	68.9	69.3	69.3	70.4	78.8	64.9
„ 30,	69.2	68.7	68.8	68.9	69.0	68.8	69.7	70.6	71.9	73.0	73.3	73.5	73.0	72.6	72.3	71.8	71.0	70.0	69.9	70.0	69.8	69.8	69.7	69.6	70.6	74.7	67.5
„ 31,	69.6	69.5	69.2	68.5	68.4	68.1	68.7	70.2	73.4	74.8	74.2	79.6	78.5	76.5	76.1	75.5	72.1	70.8	70.3	68.7	69.0	68.9	69.1	68.5	71.6	81.9	67.2
Hourly Means,	72.8	72.7	72.4	72.2	71.8	71.7	72.6	74.6	76.5	77.8	79.1	80.0	79.8	79.4	78.6	77.7	76.3	74.8	74.2	73.9	73.7	73.3	73.0	72.7	75.1	82.8	70.4

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION, FOR THE MONTH OF OCTOBER, 1890.

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, .	73.4	73.6	73.1	73.1	73.1	72.5	73.7	73.2	74.0	75.0	76.2	76.0	75.5	75.3	76.5	76.1	75.6	76.0	76.1	75.0	75.9	75.8	76.0	76.0	74.9	164.0
„ 2,...	76.2	76.1	72.4	71.7	71.8	71.5	71.9	72.9	73.3	73.2	75.3	76.0	74.8	75.7	76.4	76.0	75.1	75.2	75.0	75.0	75.1	74.8	74.1	74.3	74.3	134.9
„ 3,...	74.6	73.5	72.5	71.5	71.2	69.6	70.3	71.3	72.0	71.8	72.5	74.5	74.1	74.5	75.0	72.8	73.1	72.2	71.8	71.4	71.6	71.8	71.5	71.9	72.4	129.3
„ 4,...	71.4	71.0	70.7	67.4	65.4	64.9	64.9	65.4	66.0	66.8	66.0	67.2	68.8	70.1	70.0	70.1	70.0	70.6	70.1	70.1	70.4	70.5	70.3	69.5	68.7	126.0
„ 5,...	69.5	69.0	68.5	68.2	67.9	64.9	66.1	65.3	65.5	66.2	67.2	66.8	69.7	69.0	68.1	69.0	68.2	69.3	69.3	68.3	68.4	68.6	68.1	68.7	67.9	151.2
„ 6,...	66.8	66.5	65.5	64.1	64.8	64.4	62.1	63.0	64.8	64.7	66.9	68.2	69.1	67.6	69.9	69.8	68.3	67.9	68.4	67.9	68.3	67.8	67.8	67.6	66.8	146.2
„ 7,...	67.2	66.7	65.2	64.0	64.3	64.8	64.7	65.1	66.5	66.9	67.9	66.8	64.8	67.8	68.4	67.8	68.2	67.8	67.6	67.8	67.8	67.8	67.8	67.8	66.9	150.7
„ 8,...	67.5	67.4	67.5	67.2	66.9	66.1	65.2	65.7	66.8	66.2	66.8	68.2	67.5	68.6	67.6	66.4	67.0	67.7	67.9	67.9	68.3	68.8	69.1	68.7	67.4	136.6
„ 9,...	68.8	68.3	68.9	68.4	68.3	67.5	67.8	68.4	69.3	69.0	69.4	69.2	69.8	70.8	70.7	70.7	69.3	68.5	67.6	68.1	68.5	68.6	68.5	68.9	68.9	136.2
„ 10,...	69.0	69.0	69.0	69.3	69.0	69.0	69.9	71.0	71.2	71.8	70.8	72.8	72.1	73.2	72.0	71.6	70.9	70.7	69.7	69.6	69.5	69.8	69.4	69.5	70.4	138.2
„ 11,...	69.4	69.6	69.6	70.2	70.6	69.9	70.2	71.2	73.0	74.3	73.6	74.4	73.5	74.6	73.1	72.2	71.3	70.2	70.1	70.9	70.8	70.9	70.6	70.8	71.5	140.0
„ 12,...	71.1	71.8	71.6	71.8	72.3	73.0	71.5	71.2	72.1	73.9	73.4	72.9	70.7	70.6	72.4	71.0	70.5	70.0	70.0	69.8	70.0	73.1	70.9	71.2	71.5	148.4
„ 13,...	71.3	72.8	73.3	73.9	74.2	74.6	75.2	75.6	76.2	77.1	77.5	77.6	77.2	74.8	75.5	74.5	74.7	74.5	73.6	73.3	74.0	72.1	72.3	72.2	74.5	140.9
„ 14,...	72.2	72.1	71.4	71.3	71.2	70.4	71.2	71.1	71.2	71.8	71.6	73.0	73.2	72.5	72.1	72.4	71.3	71.6	71.8	71.8	70.9	70.8	70.6	70.5	71.6	143.5
„ 15,...	70.2	70.6	70.2	69.0	69.3	69.0	69.1	69.4	70.6	71.7	71.7	72.1	71.5	71.0	70.4	70.1	68.9	68.8	68.9	69.1	69.5	69.8	69.5	69.3	70.0	139.1
„ 16,...	68.5	67.9	67.7	66.9	66.6	66.1	66.5	66.8	68.1	69.1	69.3	66.6	67.6	67.5	68.7	68.6	68.2	68.3	69.0	69.8	69.2	69.7	69.7	69.9	68.2	142.8
„ 17,...	69.4	69.3	69.4	69.2	69.1	69.3	69.8	70.8	71.3	72.4	73.4	72.3	71.5	73.0	72.8	72.8	71.4	71.3	71.6	71.4	71.0	70.9	70.8	70.8	71.0	143.1
„ 18,...	70.7	70.8	70.6	68.9	66.1	65.9	65.8	67.0	67.6	67.4	65.9	68.3	66.1	67.3	64.7	64.6	63.9	64.0	62.6	62.5	61.4	60.0	59.8	60.2	65.5	136.6
„ 19,...	60.2	59.1	58.0	57.4	55.7	55.9	56.8	58.5	58.3	60.1	60.6	60.2	60.0	60.2	61.3	60.8	59.6	59.8	58.8	57.9	57.6	56.9	56.8	57.2	58.7	133.9
„ 20,..	56.9	56.8	56.8	57.0	57.4	57.0	58.1	60.0	63.1	64.6	63.9	64.0	63.7	63.7	65.4	64.9	64.3	63.7	63.8	63.6	63.9	63.6	64.2	64.2	61.9	132.3
„ 21,...	64.0	64.1	60.8	59.4	58.6	58.4	59.4	59.6	61.2	62.9	62.4	65.4	64.5	65.5	66.7	66.8	66.9	65.8	63.6	64.1	63.5	62.9	62.4	61.8	62.9	137.0
„ 22,...	62.8	62.3	61.6	60.9	60.7	61.0	61.8	61.8	62.5	63.0	63.2	64.8	64.6	64.6	66.4	65.6	65.2	65.7	66.0	65.0	67.0	67.1	67.7	68.2	64.1	137.2
„ 23,...	57.2	59.0	58.8	58.6	59.1	59.0	59.9	60.4	60.4	62.8	62.2	62.7	64.4	64.8	65.8	65.6	64.4	63.3	63.8	63.3	64.2	64.9	64.4	64.8	62.2	134.0
„ 24,...	64.4	63.9	63.0	62.6	62.1	60.0	60.8	62.2	62.9	63.5	63.0	63.3	63.1	63.8	63.1	63.6	63.9	63.5	63.8	64.5	64.5	64.5	64.6	64.9	63.3	130.9
„ 25,...	64.8	64.6	64.5	64.3	63.5	63.0	62.0	62.8	62.1	60.6	62.7	65.4	63.8	63.3	62.9	62.1	62.9	63.4	63.5	63.7	63.9	62.9	63.2	63.4	63.3	144.5
„ 26,...	61.2	57.5	54.9	53.4	53.0	56.2	60.7	56.5	60.8	59.6	61.9	61.7	61.0	61.8	62.5	62.1	61.9	61.4	61.5	61.8	61.0	60.8	61.4	61.6	59.8	132.8
„ 27,...	61.9	62.6	62.0	61.9	62.5	62.7	63.0	64.3	62.4	63.5	62.3	73.2	65.0	60.6	63.4	62.8	60.8	60.7	61.0	61.1	62.1	62.3	62.2	62.3	62.4	131.0
„ 28,..	62.4	62.5	62.3	62.4	62.5	62.6	63.8	65.5	64.2	66.3	66.1	64.3	66.8	66.3	65.1	65.0	64.8	64.0	63.8	64.0	63.7	63.8	64.4	64.2	64.2	131.8
„ 29,...	63.7	63.5	63.4	63.4	62.5	62.6	63.8	64.8	65.0	64.2	69.0	65.3	63.0	63.2	63.1	63.4	63.2	62.8	62.9	62.8	63.9	63.9	64.3	63.3	63.8	130.5
„ 30,...	64.0	63.0	63.0	62.9	63.0	62.8	63.2	63.5	63.5	61.9	62.4	64.3	63.6	63.8	63.8	62.9	63.0	63.1	63.7	64.6	64.5	64.0	64.0	64.1	63.4	129.4
„ 31,...	64.4	64.3	63.8	63.5	63.6	63.4	64.1	64.2	66.6	61.9	58.9	61.0	60.2	63.7	64.3	61.6	64.7	63.8	63.8	63.7	64.7	63.8	55.8	54.9	62.7	134.0
Sums, ...																										
Hourly Mean ...	66.9	66.7	66.1	65.6	65.4	65.1	65.6	66.1	66.9	67.2	67.5	68.0	67.9	68.0	68.3	67.9	67.5	67.3	67.1	67.1	67.3	67.2	66.8	66.9	66.9	138.3

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR FOR THE MONTH OF OCTOBER, 1890.

Hour.	Hourly Mean.		Date.	Daily Mean.	
	Humidity.	Tension.		Humidity.	Tension.
			1890.		
1 a	72	0.589	Oct. 1,.....	67	0.758
2 „	72	.583	„ 2,.....	71	.754
3 „	70	.566	„ 3,.....	72	.708
4 „	69	.551	„ 4,.....	64	.592
5 „	69	.549	„ 5,.....	63	.572
6 „	69	.540	„ 6,.....	60	.536
7 „	67	.545	„ 7,.....	64	.553
8 „	61	.536	„ 8,.....	63	.561
9 „	59	.539	„ 9,.....	69	.615
10 „	55	.532	„ 10,.....	76	.675
11 „	52	.526	„ 11,.....	73	.692
Noon.	51	.532	„ 12,.....	55	.618
1 p	51	.531	„ 13,.....	76	.781
2 „	53	.540	„ 14,.....	81	.719
3 „	57	.562	„ 15,.....	76	.664
4 „	58	.560	„ 16,.....	70	.605
5 „	61	.564	„ 17,.....	77	.693
6 „	66	.577	„ 18,.....	57	.503
7 „	68	.577	„ 19,.....	42	.325
8 „	69	.581	„ 20,.....	52	.414
9 „	70	.591	„ 21,.....	47	.408
10 „	72	.593	„ 22,.....	52	.452
11 „	71	.582	„ 23,.....	52	.420
Midt.	73	.590	„ 24,.....	64	.483
			„ 25,.....	59	.467
			„ 26,.....	46	.358
			„ 27,.....	63	.465
			„ 28,.....	67	.512
			„ 29,.....	68	.506
			„ 30,.....	65	.489
			„ 31,.....	59	.452
Mean,.....	64	0.560	Mean.	64	0.560

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.
1890.														
October 1,.....	...	0.6	0.8	0.3	0.8	0.9	0.2	0.3	0.5	0.1	...	...	...	4.5
„ 2,.....	...	...	...	0.5	...	...	0.2	0.4	0.3	...	...	...	...	1.4
„ 3,.....	...	...	...	0.3	0.2	0.1	0.5	0.2	...	0.1	...	...	...	1.4
„ 4,.....	...	...	...	...	...	...	0.1	0.1	...	...	...	...	...	0.2
„ 5,.....	...	...	...	...	...	0.1	0.7	0.2	...	0.2	0.7	0.4	...	2.3
„ 6,.....	...	...	0.1	1.0	1.0	1.0	0.3	1.0	0.4	1.0	1.0	0.4	...	7.2
„ 7,.....	...	0.1	0.2	1.0	0.9	0.9	0.1	0.9	0.9	...	...	...	...	5.0
„ 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,.....	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	...	10.2
„ 10,.....	...	0.5	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	0.6	...	10.0
„ 11,.....	...	0.1	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	...	9.5
„ 12,.....	...	...	0.2	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.1	...	...	7.2
„ 13,.....	...	...	...	...	0.4	0.9	0.9	0.9	1.0	1.0	0.9	0.2	...	6.2
„ 14,.....	...	...	...	...	0.1	0.3	1.0	0.9	0.2	0.4	0.9	...	...	3.8
„ 15,.....	...	...	...	0.4	0.9	1.0	0.4	0.8	0.8	1.0	0.8	...	...	6.1
„ 16,.....	...	0.3	1.0	1.0	1.0	1.0	1.0	0.4	0.5	0.9	0.3	0.2	...	7.6
„ 17,.....	...	...	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	...	9.6
„ 18,.....	...	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.9	...	...	8.9
„ 19,.....	...	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	...	10.2
„ 20,.....	...	...	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	...	9.3
„ 21,.....	...	0.6	1.0	0.2	0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.6	...	9.1
„ 22,.....	...	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	...	10.6
„ 23,.....	...	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	...	10.5
„ 24,.....	...	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	0.8	...	10.4
„ 25,.....	...	0.6	1.0	1.0	1.0	1.0	1.0	1.0	0.5	1.0	0.9	0.6	...	9.6
„ 26,.....	...	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	...	10.2
„ 27,.....	...	0.5	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	9.9
„ 28,.....	...	...	0.6	1.0	0.9	1.0	1.0	1.0	1.0	0.2	1.0	0.3	...	8.0
„ 29,.....	...	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	...	10.0
„ 30,.....	...	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	...	9.8
„ 31,.....	...	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	...	9.6
Sums,.....	...	9.0	20.1	23.5	24.9	26.1	25.4	26.1	24.1	23.5	23.5	12.4	...	238.6

TABLE VI.

RAINFALL FOR THE MONTH OF OCTOBER, 1890.

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.	Victoria Peak.
Oct. 1,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 2,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 3,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 4,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 5,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 6,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 7,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 8,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 9,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 10,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 11,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 12,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 13,	...	...	...	...	...	...	...	...	...	...	...	0.005	0.005	...	...	...	...	...	...	...	...	...	...	...	0.010	2	...
" 14,	...	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	1	...
" 15,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 16,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 17,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 18,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 19,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 20,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 21,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 22,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 23,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 24,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 25,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 26,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 27,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 28,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 29,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 30,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 31,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	...	...	0.005	...	...	...	...	...	...	...	...	0.005	0.005	...	...	...	...	...	...	...	...	...	...	...	0.015	3	0.00

The daily duration of rain at the Observatory is entered from estimation.

The rainfall at Victoria Peak is measured at 10 a. and entered to preceding day.

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND FOR THE MONTH OF OCTOBER, 1890.

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	...	0	9	2	...	1	...	1	24	5	27	4	26	2	30	11	32	22	32	22	32	26	32	18	32	14	32	11	32	10	32	9	31	6	25	4	3	12	9	20	9	15	8	12	9	12	9	8	247	10.3	2
" 2	8	5	9	2	3	6	32	8	32	13	32	11	32	14	1	9	4	13	5	12	4	12	32	8	5	13	8	10	9	20	9	15	9	16	8	16	8	15	7	18	8	26	7	21	7	18	7	16	317	13.2	6
" 3	5	13	5	13	2	9	1	17	32	16	32	14	32	20	32	12	32	12	5	15	7	22	8	21	8	22	8	23	8	23	7	18	8	18	8	23	8	24	7	23	7	25	8	30	7	28	6	24	465	19.4	6
" 4	6	21	5	14	5	13	2	17	1	20	1	21	32	22	32	18	32	20	32	17	5	13	4	16	7	16	8	19	7	17	9	20	8	19	8	20	7	18	7	15	6	16	7	24	7	25	6	23	444	18.5	5
" 5	6	22	6	22	5	19	4	12	5	12	1	7	4	14	1	15	4	19	4	19	4	16	4	17	10	21	10	22	8	22	7	23	7	29	7	30	7	32	7	32	7	35	7	34	6	36	6	37	547	22.8	6
" 6	6	36	6	36	5	33	5	38	5	35	5	40	6	37	6	32	5	37	6	31	7	32	8	30	8	26	8	25	8	23	7	24	7	24	7	20	7	23	7	27	7	29	6	32	6	29	6	31	730	30.4	6
" 7	6	30	5	32	5	33	5	33	5	27	5	25	5	24	5	28	6	30	7	36	7	32	7	30	8	27	7	20	7	20	7	19	7	18	7	17	7	19	8	20	7	23	7	22	7	23	7	28	621	25.9	6
" 8	7	27	7	24	5	24	6	17	6	20	5	23	5	24	5	22	7	22	7	27	7	32	7	22	7	25	10	20	10	24	10	21	9	17	8	13	8	11	8	12	8	13	7	12	6	14	6	13	481	20.0	7
" 9	7	18	7	20	6	14	5	12	4	8	4	8	4	10	5	9	8	13	10	12	10	10	9	13	9	12	8	14	8	9	8	5	6	4	6	4	9	7	9	8	9	7	9	5	9	3	...	1	226	9.4	7
" 10	...	0	...	1	...	1	...	0	...	0	...	0	9	2	9	4	9	8	10	10	8	13	9	11	9	10	8	7	8	7	9	9	9	2	9	2	9	5	9	9	10	11	10	6	8	3	9	4	125	5.2	9
" 11	8	9	8	10	8	13	7	12	8	16	7	15	8	13	8	13	8	9	10	7	9	6	24	10	23	11	22	10	23	12	23	10	23	9	23	6	23	5	23	1	...	0	17	3	17	2	17	2	204	8.5	10
" 12	...	1	24	3	24	3	24	9	24	12	24	12	27	5	1	3	32	13	32	16	32	26	32	17	32	20	32	17	30	12	1	13	32	18	32	15	32	15	32	18	32	20	7	24	2	26	4	32	350	14.6	32
" 13	3	33	4	35	4	45	4	40	5	44	5	52	5	53	5	51	5	48	6	50	5	40	6	42	6	40	6	38	7	39	6	36	6	31	7	32	6	32	6	30	6	31	6	28	6	25	6	28	923	38.5	5
" 14	6	28	7	33	6	31	6	28	6	37	6	33	7	36	7	40	7	34	7	36	7	35	8	27	8	24	8	24	8	23	7	26	7	25	7	23	7	23	7	29	7	25	7	30	7	29	7	32	711	29.6	7
" 15	7	29	7	27	7	30	7	32	7	26	7	25	7	20	7	18	7	18	8	22	9	17	8	17	9	21	9	21	8	20	7	20	8	19	7	21	7	23	7	22	7	20	8	25	8	28	7	28	549	22.9	7
" 16	7	32	7	35	7	32	7	29	7	22	7	17	5	17	6	14	7	13	9	15	9	32	8	19	11	19	10	13	10	16	10	17	9	19	8	19	8	15	9	12	7	12	8	14	8	17	8	21	471	19.6	8
" 17	8	18	7	14	8	17	8	17	8	16	8	14	7	11	8	13	10	14	11	10	9	10	9	8	9	7	25	8	24	7	26	6	28	5	28	3	28	4	28	2	28	5	8	16	8	11	8	8	244	10.2	8
" 18	8	12	8	12	8	13	5	12	2	16	1	21	32	20	32	17	32	17	32	20	32	28	32	20	4	11	32	14	1	20	1	18	32	14	32	15	2	13	1	11	1	19	32	17	32	11	32	4	375	15.6	1
" 19	32	3	32	6	32	7	2	9	1	22	32	20	2	20	2	17	1	19	32	21	32	21	32	15	2	15	1	18	32	17	32	15	32	16	32	10	32	10	2	12	32	14	1	12	32	14	32	13	346	14.4	1
" 20	32	16	32	21	1	21	32	24	1	15	32	20	1	20	32	20	32	7	8	8	8	17	8	11	8	11	9	12	23	8	22	11	21	5	17	3	17	2	...	0	12	6	9	4	11	3	32	2	267	11.1	2
" 21	32	5	32	8	1	9	32	10	32	16	32	20	32	19	32	20	32	17	32	15	12	8	1	9	25	7	20	6	22	9	22	10	22	5	22	3	32	4	32	2	2	5	2	11	4	15	1	20	253	10.5	32
" 22	32	7	29	4	4	6	4	7	32	8	32	5	1	8	1	13	2	13	2	14	32	14	2	7	31	4	16	7	23	5	1	6	1	6	14	7	14	9	14	9	9	11	8	9	5	10	5	7	196	8.2	3
" 23	32	10	1	15	2	15	2	15	32	19	32	24	32	25	32	23	32	18	32	14	5	12	5	13	6	12	10	21	8	22	8	26	8	24	8	20	8	20	7	19	7	21	7	24	7	21	7	26	459	19.1	5
" 24	5	22	5	23	6	20	4	17	4	16	4	16	4	17	5	18	7	20	8	26	8	26	8	20	10	16	10	20	8	23	8	20	8	22	8	16	8	13	7	14	8	13	7	13	7	12	7	12	435	18.1	7
" 25	7	10	5	8	4	7	2	5	2	4	2	3	2	7	3	7	5	8	5	13	6	16	5	16	10	13	8	16	10	21	10	17	10	16	10	17	8	12	8	8	8	7	7	3	...	0	...	0	234	9.7	7
" 26	8	4	3	12	2	14	32	19	32	17	32	19	32	15	1	8	7	15	4	15	6	15	8	20	10	21	10	25	10	20	10	18	9	17	8	15	8	10	7	6	7	9	7	7	7	2	...	0	323	13.5	6
" 27	...	1	8	3	...	1	5	7	5	8	4	9	4	10	4	13	4	13	8	17	10	20	10	18	10	21	9	23	9	21	9	19	10	14	10	11	9	11	9	6	10	4	9	6	9	5	10	3	264	11.0	9
" 28	...	0	10	2	...	1	12	2	12	2	...	1	10	7	7	8	9	7	10	7	10	9	10	8	9	14	9	12	8	10	8	8	9	5	9	3	9	3	9	4	...	1	9	6	8	10	9	9	139	5.8	9
" 29	9	7	8	7	5	4	5	5	8	2	7	2	4	3	6	3	8	4	10	12	10	20	9	18	10	18	10	19	10	22	9	17	9	18	8	8	8	8	7	5	7	5	7	7	6	10	7	13	237	9.9	9
" 30	8	12	4	6	7	10	7	13	7	19	7	13	7	19	7	23	7	22	7	28	7	31	8	23	7	23	10	27	10	26	9	22	8	18	8	17	7	13	7	15	5	10	6	10	6	14	6	17	431	18.0	7
" 31	6	12	6	14	6	11	8	13	6	8	5	7	5	6	3	5	4	3	32	14	4	18	32	12	5	11	8	10	8	7	8	8	6	8	7	4	...	1	...	0	8	7	7	5	1	16	1	19	219	9.1	5
Sums	...	443	...	464	...	463	...	480	...	501	...	501	...	520	...	507	...	528	...	581	...	629	...	536	...	525	...	532	...	535	...	506	...	467	...	419	...	412	...	409	...	445	...	472	...	477	...	481	11833	493.0	...
Hourly Means	...	14.3	...	15.0	...	14.9	...	15.5	...	16.2	...	16.2	...	16.8	...	16.4	...	17.0	...	18.7	...	20.3	...	17.3	...	16.9	...	17.2	...	17.3	...	16.3	...	15.1	...	13.5	...	13.3	...	13.2	...	14.1	...	15.2	...	15.4	...	15.5	381.7	15.9	...

TABLE VIII.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR OCTOBER, 1890.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N-S	+E-W	
1 a.	5.38	11.85	0.03	0.00	+5.35	+11.85	E 24° N
2 „	6.52	11.89	0.03	0.16	6.49	11.73	E 29° N
3 „	7.45	11.43	0.00	0.10	7.45	11.33	E 33° N
4 „	8.65	10.32	0.03	0.29	8.62	10.03	E 41° N
5 „	9.37	9.74	0.03	0.55	9.34	9.19	E 45° N
6 „	10.26	8.81	0.00	0.48	10.26	8.33	E 51° N
7 „	10.63	9.61	0.10	0.19	10.53	9.42	E 48° N
8 „	10.03	9.84	0.03	0.13	10.00	9.71	E 46° N
9 „	9.13	11.10	0.29	0.00	8.84	11.10	E 39° N
10 „	8.15	12.90	0.94	0.00	7.21	12.90	E 29° N
11 „	7.45	15.32	1.35	0.00	6.10	15.32	E 22° N
Noon.	5.48	13.03	0.68	0.32	4.80	12.71	E 21° N
1 p.	3.54	14.23	2.13	0.61	+1.41	13.62	E 6° N
2 „	2.58	13.94	3.00	0.68	−0.42	13.26	E 2° S
3 „	2.35	13.90	2.20	1.45	+0.15	12.45	E 1° N
4 „	3.32	13.18	1.90	1.10	1.42	12.08	E 7° N
5 „	3.23	12.16	1.19	0.68	2.04	11.48	E 10° N
6 „	2.39	11.35	0.74	0.50	1.65	10.85	E 9° N
7 „	3.16	11.29	0.52	0.26	2.64	11.03	E 13° N
8 „	3.19	11.61	0.65	0.06	2.54	11.55	E 12° N
9 „	4.03	12.11	0.52	0.13	3.51	11.98	E 16° N
10 „	3.55	13.77	0.29	0.03	3.26	13.74	E 13° N
11 „	5.30	12.88	0.26	0.00	5.04	12.88	E 22° N
Midt.	5.81	12.97	0.26	0.00	+5.55	+12.97	E 23° N
Mean, ...	5.87	12.05	0.72	0.32	+5.16	+11.73	E 24° N

TABLE IX.

VICTORIA PEAK.

Date.	Barometer.			Temperature.					Wind.					
	10 a.	4 p.	10 p.	10 a.	4 p.	10 p.	Max.	Min.	10 a.		4 p.		10 p.	
									Direction.	Force.	Direction.	Force.	Direction.	Force.
1890.														
Oct. 1	28.00	27.91	27.91	78	80	78	81	74	NNE	4	N	4	N	4
„ 2	27.97	.94	.95	76	77	74	79	73	ENE	4	ENE	3	E	4
„ 3	28.00	.97	.96	73	73	72	76	71	ENE	5	E	4	E	4
„ 4	27.99	.95	.93	70	72	69	72	67	NE	4	NE	4	ENE	4
„ 5	28.01	.99	28.01	71	71	69	72	69	ENE	4	E	4	E	4
„ 6	.11	28.09	.09	70	70	68	72	65	E	7	E	5	E	6
„ 7	.16	.11	.13	69	69	66	73	65	E	6	E	5	E	6
„ 8	.16	.08	.10	70	72	68	73	65	E	6	E	4	E	4
„ 9	.14	.08	.09	72	72	70	76	63	E	3	E	2	E	2
„ 10	.15	.08	.09	73	73	71	76	65	SE	2	SW	2	SW	2
„ 11	.15	.11	.07	74	76	72	76	69	E	2	W	2	NW	4
„ 12	.07	.04	.04	76	79	72	80	60	NNE	5	NNE	5	E	7
„ 13	.07	.05	.08	73	72	71	74	71	E	7	E	6	E	6
„ 14	.17	.19	.19	68	69	68	72	66	E	6	E	5	E	5
„ 15	.27	.25	.20	69	70	67	72	67	E	4	E	4	E	5
„ 16	.30	.26	.28	70	71	69	73	66	E	4	E	3	E	3
„ 17	.26	.17	.16	72	75	71	76	67	ENE	2	NW	2	NE	4
„ 18	.20	.12	.14	70	72	70	74	64	NNE	5	N	4	NE	4
„ 19	.22	.17	.18	67	68	66	75	64	N	4	NNE	4	NE	4
„ 20	.27	.21	.23	67	69	66	74	63	NE	3	NE	3	E	3
„ 21	.24	.12	.14	68	72	69	74	65	NE	4	N	1	N	4
„ 22	.14	.08	.13	69	75	68	75	66	NE	2	N	1	N	3
„ 23	.15	.13	.17	70	70	63	73	63	NE	4	E	4	E	5
„ 24	.23	.17	.18	66	70	65	72	61	E	5	E	2	E	2
„ 25	.27	.11	.22	67	70	65	72	64	ENE	3	ENE	3	NE	4
„ 26	.30	.24	.26	67	69	65	71	63	E	3	E	4	E	4
„ 27	.33	.27	.27	66	69	66	71	63	E	4	E	2	E	2
„ 28	.31	.23	.28	68	67	65	70	63	E	2	E	2	E	2
„ 29	.31	.23	.28	68	70	65	71	63	E	2	E	3	E	4
„ 30	.32	.23	.25	66	66	64	71	60	E	5	E	5	E	4
„ 31	.33	.29	.29	67	70	65	71	61	NNE	4	NE	3	NE	3
Mean,	28.181	28.125	28.140	70.0	71.5	68.3	73.8	65.4	E 20° N	4.0	E 20° N	3.4	E 16° N	3.9

TABLE X.

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
1890.												
October 1, ...	3	c-cum.	...	3	sm-cum.	...	4	c-str. / sm-cum.	E / ENE	9	sm-cum. / cum.	ENE / NE
„ 2, ...	10	cum.	NE	10	cum.	NE	10	sm-cum. / cum.	NE	10	sm-cum. / cum.	ENE
„ 3, ...	10	cum.	NE	9	cum.	NE	10	sm-cum. / cum.	NNE	9	c-str. / sm-cum.	...
„ 4, ...	0	...	...	0	...	...	10	sm-cum. / cum.	NE	10	sm-cum. / cum.	E / NNE
„ 5, ...	0	...	...	0	...	...	10	cum.	NNE	9	sm-cum. / cum.	NE
„ 6, ...	0	...	...	0	...	...	10	sm-cum. / cum.	E / E	10	sm-cum.	E
„ 7, ...	0	...	...	0	...	...	10	sm-cum.	E	2	c-cum.	E
„ 8, ...	0	...	...	0	...	...	0	..	...	0	...	...
„ 9, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 10, ...	0	...	...	0	...	...	1	cum.	E	4	cum.	NE
„ 11, ...	0	...	...	0	...	...	4	cum.	E	1	cum.	E
„ 12, ...	0	...	...	0	...	...	10	cum.	E	7	c-str. / c-cum.	...
„ 13, ...	3	cum.	ENE	4	cum.	ENE	9	c-cum. / cum. / cum.	.. / ESE / ENE	9	c-str. / sm-cum. / cum.	.. / E / E
„ 14, ...	10	cum-nim.	...	10	nim.	...	10	c-str. / cum-nim.	E	10	cum.	E
„ 15, ...	10	cum.	...	10	cum.	...	9	cum.	NNE	5	cum.	NNE
„ 16, ...	10	cum-nim.	...	10	cum.	...	1	c-str. / cum.	ENE	6	sm-cum. / cum.	E / E
„ 17, ...	10	sm-cum.	...	7	sm-cum.	...	5	sm-cum. / cum.	E	2	sm-cum. / cum.	N / ..
„ 18, ...	0	...	...	1	cum.	NE	0	...	...	0	...	...
„ 19, ...	0	...	...	0	...	...	0	...	...	0	...	..
„ 20, ...	0	...	...	4	cum.	NE	9	sm-cum. / cum.	NNE	0	...	...
„ 21, ...	2	sm-cum.	...	0	...	...	0	...	...	2	sm-cum.	...
„ 22, ...	2	sm-cum.	...	0	...	...	0	...	...	0	...	...
„ 23, ...	3	cum.	...	4	c-str.	...	1	sm-cum.	NE	0	...	...
„ 24, ...	4	cum.	ENE	0	...	...	0	...	...	0	...	...
„ 25, ...	0	...	...	0	...	...	2	sm-cum.	WSW	3	c-cum. / sm-cum.	W
„ 26, ...	3	sm-cum.	...	0	...	...	0	...	...	0	...	...
„ 27, ...	2	sm-cum.	WNW	0	...	...	0	...	...	0	...	...
„ 28, ...	0	...	...	0	...	...	5	sm-cum.	W	8	sm-cum. / cum	NNW / ESE
„ 29, ...	0	...	...	0	...	...	1	sm-cum.	...	0	...	...
„ 30, ...	0	...	...	0	...	...	1	cum.	E	0	...	...
„ 31, ...	1	sm-cum.	...	0	...	...	1	cum.	NNE	0	...	...
Mean, ...	3.8	...	...	3.3	...	...	4.3	...	...	3.7	...	...

TABLE X,—*Continued.*

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 p.			4 p.			7 p.			10 p.			Daily and Monthly Means.
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	
1890.													
October 1,...	9	sm-cum. / cum.	ENE / NE	10	sm-cum. / cum.	NE	3	c-str. / sm-cum.	ENE	9	c-str. / sm-cum. / cum.	.. / E / NE	6.2
„ 2,...	10	c-str. / cum.	ENE	10	c-str. / cum.	E	10	cum-nim.	...	10	c-str. / cum.	E	10.0
„ 3,...	9	c-str. / sm-cum. / cum.	ENE	10	c-str. / sm-cum. / cum.	E	10	cum-nim.	ENE	9	cum.	E	9.5
„ 4,...	10	sm-cum. / cum.	E / NE	10	c-str. / sm-cum. / cum.	ENE	10	cum-nim.	ENE	10	cum-nim.	NE	10.0
„ 5,...	9	sm-cum. / cum.	E	7	c-cum. / sm-cum.	E / E	1	cum.	E	7	cum.	E	7.2
„ 6,...	8	sm-cum.	E	8	sm-cum.	E	2	c-str. / sm-cum.	E	4	sm-cum.	E	7.0
„ 7,...	8	sm-cum. / cum.	E / E	9	sm-cum.	E	6	sm-cum.	E	9	c-str. / sm-cum.	E	7.3
„ 8,...	0	...	...	0	...	...	0	...	...	1	cum.	E	0.2
„ 9,...	0	...	...	0	...	...	0	...	...	0	...	...	0.0
„ 10,...	2	cum.	E	6	c-str.	...	0	...	...	0	...	...	2.2
„ 11,...	1	cum.	E	0	...	...	0	...	...	0	...	...	1.0
„ 12,...	8	c-str. / c-cum.	...	9	c-str. / cum.	ENE	8	c-str. / cum.	NE	4	cum.	E	7.7
„ 13,...	8	sm-cum. / cum. / cum.	E / E / ENE	3	c-str. / sm-cum. / cum.	.. / E / E	3	c-str. / cum.	ENE	10	cum-nim.	ENE	6.1
„ 14,...	9	cum. / cum.	E / NE	8	cum.	E	10	cum-nim.	ENE	10	cum-nim.	E	9.6
„ 15,...	9	sm-cum. / cum.	NNE	9	cum.	NNE	10	cum-nim.	NE	10	cum-nim.	E	9.0
„ 16,...	10	sm-cum. / cum.	E / E	8	sm-cum. / cum.	E	9	c-str. / sm-cum.	E	1	sm-cum.	E	6.9
„ 17,...	6	sm-cum. / cum.	N / E	0	...	...	0	...	...	0	...	...	3.8
„ 18,...	0	...	...	3	sm-cum. / cum.	NNE	9	sm-cum.	WNW	0	...	...	1.6
„ 19,...	0	...	...	0	...	...	0	...	...	0	...	...	0.0
„ 20,...	0	...	...	0	...	...	0	...	...	0	...	...	1.6
„ 21,...	0	...	...	0	...	...	2	c-str. / c-cum.	SSW	1	c-cum.	S	0.9
„ 22,...	0	...	...	1	sm-cum.	N	8	sm-cum.	NE	3	sm-cum.	E	1.7
„ 23,...	0	...	...	0	...	...	0	...	...	4	sm-cum.	ENE	1.5
„ 24,...	1	sm-cum.	...	1	sm-cum.	N	0	...	...	0	...	...	0.8
„ 25,...	4	sm-cum.	W	2	c-cum. / sm-cum.	W	2	c-str. / c-cum.	WSW	1	c-cum.	WSW	1.7
„ 26,...	0	...	...	1	sm-cum.	...	0	...	...	0	...	...	0.5
„ 27,...	0	...	...	0	...	...	0	...	...	0	...	...	0.3
„ 28,...	2	cum.	E	4	cum.	ENE	1	c-str.	...	1	c-cum.	W	2.6
„ 29,...	0	...	...	0	...	...	0	...	...	0	...	...	0.1
„ 30,...	0	...	...	0	...	...	0	...	...	1	sm-cum.	ENE	0.2
„ 31,...	0	...	...	0	...	...	0	...	...	0	...	...	0.3
Mean,...	4.0	...	...	3.8	...	...	3.4	...	...	3.4	...	...	3.8

TABLE I.

BAROMETRIC PRESSURE FOR THE MONTH OF NOVEMBER, 1890.

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,...	30.012	29.993	29.992	30.001	30.014	30.026	30.037	30.049	30.071	30.071	30.045	30.019	29.983	29.960	29.953	29.960	29.969	29.980	29.989	30.008	30.012	30.011	30.012	30.005	30.007
„ 2,...	29.996	.978	.974	29.980	29.983	.011	.031	.050	.062	.075	.062	.041	30.012	.996	.991	30.002	30.008	30.022	30.040	.057	.048	.050	.056	.030	.023
„ 3,...	30.026	30.008	30.011	30.003	30.017	.036	.050	.070	.088	.086	.069	.046	.030	30.009	30.004	.006	.005	.003	.016	.039	.047	.050	.046	.034	.033
„ 4,...	.020	.010	29.997	29.994	.006	.015	.024	.044	.065	.050	.046	.020	29.987	29.969	29.962	29.962	29.963	29.977	29.987	.007	.006	.019	.018	.013	.007
„ 5,...	.009	.001	.986	.980	29.981	29.986	.018	.024	.036	.037	.010	29.994	.960	.941	.936	.937	.939	.945	.967	29.972	29.978	29.995	29.992	29.998	29.984
„ 6,...	29.989	29.973	.962	.953	.954	.976	29.996	.011	.020	29.994	29.984	.968	.943	.932	.932	.941	.953	.966	.987	30.000	30.008	30.026	30.012	.989	.978
„ 7,...	.989	.971	.950	.952	.963	.988	30.016	.029	.049	30.054	30.038	30.008	.981	.976	.958	.973	.995	30.008	30.023	.019	.046	.060	.030	30.019	30.004
„ 8,...	30.009	30.008	30.003	30.004	30.014	30.035	.057	.075	.080	.068	.043	.010	.974	.957	.945	.952	.965	29.972	29.986	29.997	.007	.020	.017	.005	.008
„ 9,...	29.993	29.979	29.969	29.963	29.969	29.976	29.984	29.995	.000	29.996	29.980	29.953	.929	.914	.904	.907	.918	.923	.936	.957	29.955	29.958	29.960	29.955	29.957
„ 10,...	.943	.934	.928	.921	.923	.930	.949	.958	29.975	.972	.952	.926	.897	.875	.869	.864	.870	.877	.893	.917	.944	.950	.946	.923	.922
„ 11,...	.949	.938	.932	.926	.925	.939	.963	.976	.987	.982	.957	.927	.906	.880	.876	.883	.897	.923	.949	.966	.997	.998	.994	.984	.944
„ 12,...	.978	.962	.954	.937	.959	.975	.984	30.002	30.012	30.008	.989	.954	.922	.892	.870	.873	.888	.913	.931	.947	.963	.966	.967	.967	.951
„ 13,...	.965	.956	.946	.937	.955	.975	.991	.015	.031	.033	30.013	.994	.971	.950	.939	.943	.959	.980	30.007	30.031	30.035	30.035	30.028	30.021	.988
„ 14,...	30.009	30.005	30.002	30.000	30.005	30.014	30.024	.035	.050	.050	.031	30.006	.966	.942	.932	.935	.941	.953	29.970	29.986	29.999	.000	.003	29.993	.994
„ 15,...	29.980	29.967	29.962	29.962	29.967	29.968	29.980	29.987	.003	.002	29.984	29.966	.936	.919	.915	.925	.930	.943	.967	.985	.996	.002	29.998	.988	.968
„ 16,...	.987	.975	.966	.960	.963	.978	.995	30.004	.010	.017	30.006	.985	.959	.942	.935	.943	.948	.965	.987	30.006	30.017	.016	30.025	30.019	.984
„ 17,...	.995	.982	.971	.966	.955	.964	.987	.005	.029	.025	.004	.988	.960	.944	.942	.950	.964	.980	30.003	.031	.037	.042	.039	.029	.991
„ 18,...	30.016	30.002	.998	.999	30.000	30.022	30.041	.061	.083	.085	.083	30.069	30.034	30.017	30.010	30.014	30.016	30.033	.052	.062	.074	.083	.082	.078	30.042
„ 19,...	.078	.067	30.055	30.049	.053	.072	.091	.105	.125	.130	.106	.074	.048	.023	.021	.025	.039	.060	.076	.099	.113	.113	.114	.108	.077
„ 20,...	.105	.096	.088	.077	.075	.081	.092	.108	.126	.121	.106	.086	.049	.027	.022	.031	.043	.067	.091	.106	.109	.113	.113	.108	.085
„ 21,...	.102	.097	.090	.079	.086	.096	.113	.123	.135	.135	.124	.098	.064	.038	.032	.036	.049	.064	.086	.110	.120	.130	.126	.126	.094
„ 22,...	.114	.103	.097	.085	.083	.091	.104	.119	.135	.137	.124	.100	.064	.046	.047	.052	.059	.085	.114	.132	.146	.148	.147	.132	.103
„ 23,...	.115	.100	.092	.093	.094	.101	.118	.125	.138	.135	.116	.095	.055	.032	.019	.026	.046	.064	.078	.087	.100	.105	.103	.093	.089
„ 24,...	.080	.072	.068	.065	.070	.081	.097	.118	.128	.125	.106	.076	.030	.021	.009	.009	.015	.029	.042	.054	.064	.070	.065	.057	.065
„ 25,...	.052	.029	.019	.024	.019	.041	.058	.076	.089	.088	.065	.035	.002	29.975	29.960	29.959	29.967	29.976	29.996	.011	.032	.034	.038	.026	.024
„ 26,...	.018	.008	29.994	29.982	29.979	.001	.018	.036	.057	.056	.039	.004	29.967	.946	.936	.944	.957	.968	.987	.005	.006	.009	.003	.000	29.997
„ 27,...	29.997	29.980	.969	.969	.972	29.990	.008	.030	.044	.044	.022	.005	.964	.952	.942	.952	.968	.975	.990	29.999	.011	.010	.009	29.990	.991
„ 28,...	.981	.969	.954	.958	.964	.992	.012	.028	.049	.042	.022	.003	.968	.945	.943	.945	.955	.966	.979	.986	29.993	29.995	29.998	.993	.985
„ 29,...	.978	.957	.974	.962	.970	30.004	.034	.058	.072	.079	.076	.066	30.041	30.040	30.033	30.032	30.049	30.070	30.089	30.097	30.103	30.114	30.105	30.086	30.045
„ 30,...	30.092	30.081	30.059	30.058	30.045	.066	.079	.103	.106	.103	.091	.057	.021	.004	.000	.000	.001	.013	.031	.046	.045	.044	.031	.018	.050
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hourly Means, ...	30.019	30.007	29.999	29.995	29.999	30.014	30.032	30.047	30.062	30.060	30.043	30.019	29.987	29.969	29.961	29.966	29.976	29.990	30.008	30.024	30.034	30.039	30.036	30.026	30.013

TABLE II.

TEMPERATURE FOR THE MONTH OF NOVEMBER, 1890.

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,	67.8	67.3	66.6	65.7	65.2	64.5	66.5	70.0	71.0	74.0	74.3	75.1	75.5	75.2	73.0	72.7	70.5	69.0	67.6	67.2	67.1	66.6	66.4	66.4	69.4	78.3	63.6
„ 2,	66.1	65.8	65.7	65.4	65.3	64.9	66.7	69.4	70.1	71.5	74.1	73.3	73.5	72.6	71.7	70.0	69.4	69.1	68.6	68.5	67.9	67.9	68.0	68.0	68.9	75.3	63.0
„ 3,	68.0	68.0	67.6	67.4	67.0	66.9	67.8	68.6	70.9	70.2	70.9	71.2	72.3	72.0	70.9	69.8	68.9	68.7	68.7	68.9	68.6	68.8	68.9	68.8	69.2	73.7	64.8
„ 4,	68.7	68.7	68.5	67.2	67.2	67.0	68.0	69.6	70.7	70.8	71.5	72.5	72.0	70.5	70.8	71.1	69.9	69.0	68.9	69.0	69.8	69.5	69.3	68.6	69.5	74.1	66.6
„ 5,	68.2	67.7	67.6	67.4	66.9	67.9	68.8	70.5	72.1	73.5	74.4	74.1	75.0	73.5	73.6	73.0	71.3	70.6	69.8	69.6	69.3	69.6	69.6	69.5	70.6	76.5	66.9
„ 6,	69.4	69.1	69.0	69.1	69.1	69.3	69.8	71.3	70.8	72.7	73.0	73.0	72.8	71.6	71.2	70.3	70.0	70.0	70.6	70.3	70.1	68.8	68.4	68.1	70.3	74.3	68.0
„ 7,	66.8	67.5	67.6	67.6	68.2	67.7	67.9	69.0	69.3	70.2	73.0	74.9	74.6	71.7	70.8	69.8	69.8	69.9	69.8	69.9	69.9	68.8	68.1	68.4	69.6	76.4	66.4
„ 8,	68.4	68.2	68.0	67.3	67.0	67.0	68.0	71.8	74.8	76.2	76.3	78.5	76.8	76.0	75.9	74.8	74.9	70.9	70.5	70.5	69.7	70.3	70.2	70.2	71.8	80.2	65.5
„ 9,	70.3	69.9	69.3	69.2	69.6	70.0	70.8	73.1	72.8	72.8	74.9	73.2	74.7	73.2	73.0	72.5	71.7	70.7	69.9	69.9	69.9	69.9	69.9	69.9	71.3	74.9	68.5
„ 10,	70.0	70.0	69.9	69.8	69.5	69.6	69.8	72.4	72.6	74.1	75.2	74.1	73.0	70.0	74.3	74.1	71.7	71.2	70.3	69.9	69.9	71.9	71.8	71.1	71.5	75.9	69.3
„ 11,	70.3	70.0	69.9	69.1	68.3	68.2	68.6	71.3	70.9	70.7	73.3	75.0	74.1	75.8	74.0	72.0	69.1	66.5	63.9	61.9	60.2	58.9	58.3	57.8	68.3	78.4	57.6
„ 12,	58.2	58.2	56.7	57.0	56.6	56.5	58.8	62.7	64.5	65.0	68.7	68.1	68.8	69.3	71.1	69.5	67.4	66.7	65.6	64.2	63.1	61.9	60.9	59.3	63.3	72.6	55.6
„ 13,	58.4	57.4	57.5	57.2	57.2	56.2	56.7	63.0	64.9	67.0	64.9	65.0	67.0	65.8	65.7	64.8	63.1	62.9	62.6	61.6	62.1	61.0	61.3	61.2	61.9	69.0	54.7
„ 14,	61.0	60.5	61.1	61.2	61.9	62.2	62.7	64.8	66.9	66.8	66.3	66.4	66.6	68.8	68.1	66.8	67.0	67.1	67.3	67.8	68.1	67.9	68.5	67.9	65.6	69.2	58.9
„ 15,	67.9	68.0	68.1	68.0	68.1	68.0	67.8	68.6	69.5	71.8	72.1	71.5	72.3	70.4	70.1	69.5	69.2	69.1	69.0	69.0	68.9	68.8	70.2	70.2	69.4	73.9	67.1
„ 16,	69.7	69.5	69.4	69.3	69.2	69.2	69.7	70.9	73.4	74.0	74.8	76.1	76.8	74.6	73.7	72.6	72.1	71.1	70.8	70.8	70.8	70.8	70.3	70.3	71.7	78.6	68.4
„ 17,	69.7	69.7	69.5	69.3	69.5	70.3	69.6	72.8	74.8	75.8	77.6	79.0	75.1	73.1	72.4	72.1	71.1	70.7	70.6	70.6	70.0	70.0	70.1	70.3	71.8	82.8	67.6
„ 18,	70.6	70.1	70.0	69.6	70.7	71.0	71.3	72.0	72.2	72.1	70.0	70.8	71.7	71.6	71.6	70.8	70.2	69.1	68.9	68.9	68.9	68.9	68.8	68.2	70.3	75.6	67.7
„ 19,	67.8	67.6	67.0	67.0	67.0	67.1	67.3	68.1	69.2	69.2	71.2	71.6	71.3	70.9	70.6	69.8	69.0	68.0	67.9	68.6	68.3	68.0	68.1	68.5	68.7	72.6	67.0
„ 20,	68.2	68.1	67.4	67.2	67.2	67.2	67.8	69.6	70.1	70.9	70.9	70.9	70.8	70.3	70.3	69.5	68.4	68.1	67.9	68.0	68.1	68.3	68.5	68.2	68.8	72.5	66.1
„ 21,	67.6	67.2	67.0	66.8	66.2	66.1	66.5	69.3	70.3	70.8	71.4	68.2	72.3	70.1	69.6	69.1	68.0	67.3	67.9	67.8	67.5	66.9	66.8	66.7	68.2	74.4	65.4
„ 22,	66.6	66.0	66.0	66.3	66.9	66.8	66.9	68.8	70.3	71.2	71.2	71.9	70.8	70.2	70.4	68.9	68.3	67.8	67.7	67.6	67.7	67.9	67.8	67.9	68.4	72.6	65.6
„ 23,	67.8	67.0	66.3	65.8	65.6	65.3	65.5	67.7	69.3	69.2	70.1	70.4	71.2	69.6	69.9	69.6	68.3	67.4	66.9	66.8	66.9	66.8	66.3	66.1	67.7	72.4	65.0
„ 24,	66.0	65.8	65.7	65.1	65.0	64.9	66.0	67.2	69.2	70.3	70.5	72.2	73.6	73.2	70.8	69.7	67.9	67.2	66.9	66.6	65.8	65.8	65.0	64.5	67.7	74.8	64.5
„ 25,	63.7	63.4	63.9	63.7	63.5	63.9	65.4	68.4	71.3	71.8	72.1	72.3	73.8	73.2	72.5	71.5	69.9	68.9	67.9	67.8	67.7	66.9	65.9	65.1	68.1	75.6	63.2
„ 26,	64.7	64.6	64.5	64.8	65.6	66.0	67.0	69.5	70.2	72.2	73.9	72.2	72.8	72.2	71.9	71.0	69.1	68.0	67.8	67.2	67.0	66.9	66.7	66.5	68.4	76.1	64.0
„ 27,	66.1	66.1	65.9	65.8	65.7	65.7	66.8	68.1	69.1	71.0	73.6	74.5	75.0	75.4	73.6	71.8	69.6	68.8	68.6	67.8	67.7	67.4	66.9	66.6	69.1	76.8	65.2
„ 28,	66.6	66.7	66.5	66.6	66.2	65.9	66.1	67.7	70.4	72.6	73.9	75.1	73.8	73.9	72.5	71.8	70.1	69.0	68.3	67.8	67.9	67.0	67.2	67.3	69.2	76.5	65.0
„ 29,	67.4	67.6	67.3	67.3	68.3	68.8	69.8	70.5	72.3	76.8	75.3	74.2	73.0	72.3	72.0	70.2	69.2	68.8	68.8	68.0	68.1	67.8	67.1	66.9	69.9	78.2	66.9
„ 30,	66.3	66.2	65.6	65.2	64.7	65.0	65.0	65.1	66.3	67.6	67.4	68.8	68.9	68.3	67.9	66.8	66.4	66.1	65.9	65.9	65.0	64.9	64.9	63.5	66.2	70.8	63.5
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hourly Means,	66.9	66.7	66.5	66.3	66.3	66.3	67.0	69.1	70.3	71.4	72.2	72.5	72.7	71.8	71.5	70.5	69.4	68.6	68.2	67.9	67.7	67.5	67.3	67.1	68.8	75.1	64.7

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION, FOR THE MONTH OF NOVEMBER, 1890.

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,...	54.0	54.1	54.1	54.7	53.9	53.5	53.8	55.5	55.6	56.8	57.5	58.5	59.6	61.4	60.3	60.5	59.7	59.4	59.3	59.0	59.8	59.4	59.5	59.8	57.5	129.8
„ 2,...	60.3	59.7	59.4	60.0	56.6	54.2	53.8	55.4	59.7	60.6	63.3	62.8	62.8	64.3	65.4	65.8	64.9	64.2	59.6	60.3	61.3	60.5	61.0	60.5	60.7	130.7
„ 3,...	60.9	61.1	60.6	66.6	61.5	61.3	61.7	62.0	61.1	61.1	63.6	63.7	59.7	60.1	58.3	59.0	60.0	60.3	60.7	61.3	61.3	61.8	61.8	62.3	61.3	133.8
„ 4,...	62.2	61.7	62.6	62.7	62.6	62.6	62.8	63.3	63.7	63.8	63.9	63.9	64.8	64.8	65.1	65.1	64.0	64.6	64.5	64.1	63.3	63.7	63.8	63.7	63.6	131.7
„ 5,...	63.6	63.4	63.1	63.2	62.8	62.6	62.9	63.2	63.7	63.5	62.5	63.0	63.8	64.6	64.5	65.0	64.9	64.5	63.8	64.1	64.7	65.7	65.7	65.8	63.9	130.6
„ 6,...	65.6	65.2	65.6	64.9	65.0	65.2	64.9	65.9	64.4	66.1	65.6	65.9	65.1	65.8	65.6	65.3	64.7	65.5	64.4	64.4	64.4	63.9	62.9	63.1	65.0	133.6
„ 7,...	62.5	63.0	62.9	63.2	62.2	62.0	61.8	62.6	62.7	62.9	64.9	65.0	65.3	64.8	65.0	64.6	64.0	63.9	64.7	65.8	65.8	65.7	65.7	65.0	64.0	136.9
„ 8,...	64.9	63.5	63.7	63.3	62.9	62.8	63.5	65.3	66.0	66.0	65.7	66.4	66.1	65.8	66.9	66.6	68.5	65.5	65.5	66.3	66.8	66.9	67.0	66.9	65.5	133.1
„ 9,...	66.7	66.2	66.3	66.2	65.6	65.6	65.9	66.9	66.4	66.8	67.3	65.7	67.5	67.5	67.5	66.8	66.9	66.7	66.0	65.7	65.8	66.5	66.4	66.3	66.5	129.3
„ 10,...	66.6	66.5	66.3	65.6	65.3	64.7	65.5	65.9	66.2	66.8	66.6	66.4	67.2	67.9	68.5	68.1	66.8	66.5	66.5	66.8	66.6	65.0	62.2	61.7	66.1	139.1
„ 11,...	62.2	62.1	61.7	60.9	59.8	58.7	59.4	61.6	59.3	59.4	60.3	61.0	60.2	61.5	59.8	59.0	56.9	55.0	53.8	51.8	50.7	49.7	48.8	48.5	57.6	133.7
„ 12,...	47.3	46.2	44.1	42.9	42.8	42.7	46.5	49.1	49.0	49.4	51.0	51.3	51.0	51.0	51.1	50.1	49.2	48.4	47.9	47.7	49.7	46.5	43.0	42.2	47.5	128.8
„ 13,...	42.2	43.2	43.1	42.4	42.5	41.6	45.8	50.0	49.0	50.6	51.9	52.3	52.1	52.4	52.6	53.0	52.2	51.9	51.8	53.5	53.3	54.0	54.2	53.7	49.6	127.6
„ 14,...	53.0	52.2	53.4	53.1	52.6	51.5	50.9	55.2	54.0	54.8	56.3	56.4	58.2	58.6	58.1	57.0	58.3	59.6	59.8	60.6	60.6	61.8	63.6	63.3	56.8	107.2
„ 15,...	63.1	62.5	62.9	62.4	62.1	61.7	60.2	60.3	61.0	61.8	62.5	63.6	64.6	64.2	64.8	65.5	65.7	65.7	65.8	65.9	65.9	65.9	65.9	65.8	63.7	133.8
„ 16,...	65.8	65.5	65.6	65.6	65.0	65.0	65.4	66.2	66.6	66.5	66.0	66.6	66.8	66.0	65.0	66.1	65.5	66.6	66.0	66.6	65.9	66.0	66.1	66.3	65.9	116.3
„ 17,...	65.5	65.1	65.5	65.6	64.5	64.4	65.8	66.4	66.9	67.0	67.8	68.6	66.5	66.8	66.2	66.8	66.0	66.8	66.8	66.8	66.9	66.9	66.7	66.4	66.4	142.3
„ 18,...	65.7	65.5	65.6	66.4	65.0	65.5	65.8	66.7	65.5	63.8	64.8	64.4	65.8	65.7	66.5	65.6	65.4	63.9	64.9	65.3	64.8	64.0	63.4	63.5	65.1	131.1
„ 19,...	62.9	63.0	62.9	62.8	62.7	62.8	62.8	63.6	63.9	63.8	64.0	64.0	63.7	63.7	64.2	64.2	64.0	63.9	63.9	63.9	63.9	63.9	64.0	63.2	63.6	130.7
„ 20,...	63.1	63.6	63.3	62.3	61.9	61.2	60.7	60.9	61.0	60.9	61.2	61.8	62.4	63.1	64.4	64.5	64.2	63.9	63.8	63.7	63.6	63.6	63.8	63.6	62.8	125.7
„ 21,...	63.7	63.3	63.7	63.4	62.8	62.8	62.0	63.0	63.2	63.8	64.4	62.9	64.8	63.6	63.2	63.0	62.9	62.8	62.6	63.1	63.7	63.0	63.1	63.2	63.2	136.0
„ 22,...	63.2	62.8	62.8	63.1	63.0	63.0	62.8	63.9	63.6	64.2	64.4	64.6	64.8	63.7	64.2	63.9	63.2	63.0	62.8	63.4	63.2	63.5	63.4	63.2	63.5	129.4
„ 23,...	63.1	62.8	62.6	62.5	62.0	61.7	61.8	62.8	63.3	63.0	62.8	63.5	63.5	63.0	63.1	63.6	63.1	62.2	61.9	62.2	62.9	62.8	62.9	62.3	62.7	127.7
„ 24,...	62.1	62.3	62.0	62.0	61.9	61.8	62.1	62.2	62.7	63.4	64.1	63.5	64.6	64.2	64.1	63.2	62.6	62.8	62.6	62.6	62.6	62.5	61.7	61.7	62.7	129.1
„ 25,...	61.3	61.2	61.5	60.7	60.5	60.7	61.6	64.0	64.0	65.2	65.6	66.3	66.8	64.9	64.8	64.6	64.8	63.6	62.9	63.0	62.9	63.9	62.8	62.6	63.3	128.8
„ 26,...	62.2	62.1	61.9	62.3	62.6	62.8	63.7	65.4	64.6	64.4	63.4	62.1	64.5	64.6	63.9	64.0	64.0	63.4	64.6	64.2	63.9	63.8	62.1	62.8	63.5	131.7
„ 27,...	63.4	63.5	64.2	63.6	63.6	63.5	64.1	65.1	64.8	64.6	64.3	64.4	64.0	63.3	62.9	62.8	62.9	62.8	63.8	63.2	63.3	63.3	63.2	63.4	63.7	130.2
„ 28,...	64.3	64.3	63.7	63.8	63.5	63.6	63.9	64.4	65.7	64.3	64.4	63.5	63.7	64.7	64.7	64.5	63.9	63.0	63.8	63.0	62.9	64.0	64.0	64.2	64.0	131.3
„ 29,...	64.5	63.8	63.7	64.0	63.9	64.6	63.9	62.7	62.3	63.8	63.6	63.5	65.2	65.9	64.1	64.2	64.7	64.1	64.5	63.2	63.4	62.8	62.7	61.9	63.8	126.6
„ 30,...	61.7	60.7	60.2	60.1	59.9	59.8	60.1	59.7	60.7	61.3	61.1	61.8	61.9	61.7	61.7	61.3	61.1	61.0	61.0	60.9	60.9	60.9	60.9	58.8	60.8	125.7
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hourly Mean ...	61.6	61.3	61.3	61.3	60.7	60.5	60.9	62.0	62.0	62.3	62.8	62.9	63.2	63.3	63.2	63.1	62.8	62.5	62.3	62.4	62.5	62.4	62.1	61.9	62.1	130.1

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR FOR THE MONTH OF NOVEMBER, 1890.

Hour.	Hourly Mean.		Date.	Daily Mean.	
	Humidity.	Tension.		Humidity.	Tension.
			1890.		
1 a	73	0.489	Nov. 1,.....	43	0.317
2 „	71	.482	„ 2,.....	60	.423
3 „	72	.484	„ 3,.....	61	.438
4 „	73	.487	„ 4,.....	71	.510
5 „	72	.468	„ 5,.....	67	.506
6 „	71	.461	„ 6,.....	74	.548
7 „	70	.465	„ 7,.....	72	.523
8 „	66	.473	„ 8,.....	70	.546
9 „	61	.456	„ 9,.....	77	.587
10 „	58	.452	„ 10,.....	73	.571
11 „	57	.457	„ 11,.....	48	.334
Noon.	57	.457	„ 12,.....	62	.253
1 p	57	.464	„ 13,.....	35	.194
2 „	61	.480	„ 14,.....	55	.346
3 „	62	.480	„ 15,.....	72	.515
4 „	65	.490	„ 16,.....	72	.560
5 „	69	.495	„ 17,.....	74	.577
6 „	71	.496	„ 18,.....	74	.551
7 „	71	.494	„ 19,.....	75	.521
8 „	73	.502	„ 20,.....	70	.493
9 „	74	.508	„ 21,.....	74	.514
10 „	75	.507	„ 22,.....	75	.522
11 „	74	.500	„ 23,.....	74	.504
Midt.	74	.496	„ 24,.....	74	.504
			„ 25,.....	75	.519
			„ 26,.....	75	.522
			„ 27,.....	73	.519
			„ 28,.....	74	.528
			„ 29,.....	70	.512
			„ 30,.....	71	.463
			.....	...	.....
Mean,.....	68	0.481	Mean.	68	0.481

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.
1890.														
November 1,.....	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	...	9.9
„ 2,.....	...	0.2	0.5	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.5	...	8.7
„ 3,.....	...	0.4	0.8	0.5	0.6	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	8.8
„ 4,.....	...	0.3	0.6	1.0	1.0	1.0	1.0	1.0	0.8	0.9	1.0	0.6	...	9.2
„ 5,.....	...	0.6	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	...	10.1
„ 6,.....	...	...	0.1	0.2	1.0	0.9	0.3	0.3	...	...	...	...	...	2.8
„ 7,.....	...	...	...	...	...	0.2	0.4	0.3	0.1	...	...	...	...	1.0
„ 8,.....	...	...	0.8	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	...	9.3
„ 9,.....	...	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	...	10.0
„ 10,.....	...	...	0.9	1.0	1.0	1.0	...	...	...	0.6	0.8	...	...	5.3
„ 11,.....	...	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.2	...	9.4
„ 12,.....	...	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	9.9
„ 13,.....	...	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	...	9.7
„ 14,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 15,.....	...	...	0.1	0.2	0.5	1.0	0.9	0.6	0.3	...	...	...	...	3.6
„ 16,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 17,.....	...	...	0.4	1.0	0.9	0.8	0.6	...	0.1	...	...	...	...	3.8
„ 18,.....	...	0.1	...	...	...	...	0.2	0.6	0.2	0.2	0.2	0.3	...	1.8
„ 19,.....	...	...	...	...	...	1.0	1.0	1.0	1.0	1.0	1.0	0.4	...	6.4
„ 20,.....	...	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	...	9.7
„ 21,.....	...	0.3	1.0	1.0	1.0	1.0	0.1	0.9	1.0	1.0	1.0	0.2	...	8.5
„ 22,.....	...	...	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	...	...	8.0
„ 23,.....	...	...	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	...	9.1
„ 24,.....	...	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	...	9.6
„ 25,.....	...	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	...	9.3
„ 26,.....	...	0.1	1.0	1.0	1.0	1.0	0.6	1.0	1.0	1.0	1.0	0.4	...	9.1
„ 27,.....	...	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	9.9
„ 28,.....	...	...	...	...	0.1	0.3	0.6	1.0	1.0	1.0	1.0	0.3	...	5.3
„ 29,.....	...	...	...	0.1	0.1	0.1	0.1	0.8	1.0	0.9	0.9	...	...	4.0
„ 30,.....	...	...	...	...	0.1	0.4	0.8	0.9	0.3	0.3	...	...	...	2.8
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,.....	...	5.2	17.5	19.7	21.3	23.7	21.6	23.4	21.8	21.9	20.8	8.1	...	205.0

TABLE VI.

RAINFALL FOR THE MONTH OF NOVEMBER, 1890.

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.	Victoria Peak.
Nov. 1,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 2,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 3,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 4,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 5,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 6,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...
„ 7,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	...	...	0.005	2	...
„ 8,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 9,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 10,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 11,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 12,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 13,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 14,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 15,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 16,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...
„ 17,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...
„ 18,.....	...	...	...	...	...	...	...	...	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	1	...
„ 19,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 20,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 21,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 22,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 23,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 24,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 25,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 26,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 27,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 28,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 29,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 30,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums, ...	...	...	...	...	...	...	...	...	...	0.005	...	...	...	...	...	...	...	...	...	...	...	0.005	...	...	0.010	8	0.00

The daily duration of rain at the Observatory is entered from estimation.

The rainfall at Victoria Peak is measured at 10 a. and entered to preceding day.

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND FOR THE MONTH OF NOVEMBER, 1890.

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,	2	12	2	18	32	7	32	5	2	3	2	5	2	13	2	10	1	15	32	15	12	6	7	6	11	5	24	6	8	11	8	11	9	9	10	3	12	4	12	3	12	2	12	2	11	2	...	1	174	7.3	4
" 2,	11	2	12	2	...	0	12	2	1	8	32	11	1	15	2	8	5	11	4	6	8	14	10	17	10	19	10	23	9	22	8	20	7	16	7	14	7	12	7	10	7	12	6	11	7	12	7	15	282	11.8	7
" 3,	7	16	7	15	7	19	7	18	7	18	6	20	7	22	7	23	7	24	6	25	7	25	7	25	7	19	8	18	8	20	7	20	7	24	8	18	7	16	7	16	7	13	7	16	8	17	7	17	464	19.3	7
" 4,	7	17	7	17	7	16	6	15	6	13	6	13	6	19	7	20	7	21	7	24	7	22	8	18	10	20	9	21	9	24	9	22	10	18	9	15	7	11	7	12	7	13	6	10	7	9	6	8	398	16.6	8
" 5,	6	9	6	7	7	12	6	14	6	13	7	15	6	9	7	17	8	17	8	18	8	16	10	15	10	17	10	19	9	20	9	20	9	18	10	13	8	12	6	8	6	10	6	12	6	12	7	10	333	13.9	8
" 6,	6	10	4	10	5	10	6	13	7	19	7	19	6	19	7	21	7	28	7	24	7	27	7	24	7	20	8	18	8	12	7	12	7	15	7	15	6	11	5	9	3	7	32	13	2	11	3	7	374	15.6	6
" 7,	2	3	4	13	4	21	4	18	5	27	6	26	6	20	7	17	7	14	8	11	10	4	9	13	9	12	9	15	10	20	10	15	8	13	8	14	7	12	7	14	7	11	3	14	7	19	7	19	365	15.2	7
" 8,	6	21	5	13	5	14	4	5	3	3	32	3	...	1	...	1	8	2	8	10	11	10	11	11	9	17	9	14	8	9	8	6	28	3	7	7	8	12	8	15	8	17	8	16	7	17	7	19	246	10.2	7
" 9,	6	17	6	10	6	7	6	5	7	12	7	17	8	17	7	15	8	19	9	24	9	28	7	24	8	22	10	27	9	25	8	20	8	18	8	20	8	15	8	14	8	22	7	21	7	22	8	25	446	18.6	8
" 10,	7	25	7	21	7	21	7	20	6	18	6	18	7	15	8	20	9	19	8	15	10	17	10	17	10	16	9	16	9	13	8	12	8	8	8	8	9	10	9	11	7	3	3	7	3	19	2	21	370	15.4	7
" 11,	2	14	2	8	1	13	32	14	32	17	32	17	2	13	32	9	32	20	2	20	32	18	30	12	30	20	30	13	30	13	32	12	32	17	32	*14	32	*14	32	*13	32	*13	32	*14	32	*13	32	*13	344	14.3	32
" 12,	32	*13	32	*13	32	*13	32	*14	32	*14	1	*13	1	*15	1	*15	1	*16	2	*17	2	14	2	17	2	17	1	19	1	16	1	19	32	14	32	15	32	15	32	21	1	19	32	22	32	20	32	8	379	15.8	1
" 13,	32	5	1	2	32	18	2	12	5	4	32	3	30	3	31	8	32	11	2	8	5	15	10	14	10	17	10	19	11	15	11	14	10	10	8	9	7	3	...	0	...	0	...	0	...	0	...	0	190	7.9	6
" 14,	14	2	1	4	3	2	...	0	3	3	2	5	1	4	1	2	4	7	5	15	8	20	9	15	9	14	10	10	10	9	9	16	8	11	8	10	8	10	7	7	7	6	7	12	7	15	7	20	219	9.1	7
" 15,	7	15	7	9	7	11	6	8	6	7	6	12	6	13	5	13	7	13	8	19	9	20	10	20	10	19	9	20	9	20	8	19	8	20	8	15	7	16	8	19	7	18	7	20	6	19	7	20	385	16.0	8
" 16,	7	24	7	18	7	15	7	13	6	13	6	12	6	8	7	10	6	10	3	9	5	9	6	7	23	6	25	14	23	8	23	9	23	4	11	7	8	10	8	12	5	7	7	10	4	9	4	6	250	10.4	6
" 17,	3	3	3	3	6	4	...	1	2	6	2	2	...	1	2	3	23	7	23	7	23	7	7	5	10	16	9	20	8	17	8	16	8	18	8	12	8	9	8	9	8	10	8	7	7	10	7	9	202	8.4	8
" 18,	7	13	7	12	7	6	3	2	7	8	7	9	8	12	8	16	7	23	7	26	6	23	7	12	9	16	10	14	9	15	9	15	9	19	7	13	8	17	7	20	7	18	7	14	7	17	6	15	355	14.8	7
" 19,	7	16	7	22	7	20	7	19	7	23	7	16	7	14	8	16	8	16	8	18	10	21	10	21	10	21	10	21	10	20	9	23	8	19	8	15	7	18	7	25	8	21	7	26	7	24	7	26	481	20.0	8
" 20,	7	27	6	25	7	22	7	27	6	25	7	26	7	32	7	27	7	28	7	28	8	28	7	25	8	24	10	26	10	30	9	24	8	24	8	16	7	18	8	21	8	23	8	19	8	17	7	18	580	24.2	8
" 21,	6	17	6	16	6	17	7	16	7	13	5	12	5	9	8	11	9	15	10	12	10	18	9	18	9	14	9	16	9	19	9	14	9	16	9	14	8	13	8	12	8	13	7	11	7	13	7	11	340	14.2	8
" 22,	6	6	5	8	5	8	7	10	7	13	7	15	7	14	7	18	8	20	8	18	9	23	10	21	9	22	9	26	9	21	9	22	8	17	8	12	7	12	8	13	7	11	8	13	8	17	8	20	380	15.8	8
" 23,	7	22	7	21	7	17	6	14	7	17	7	18	6	15	8	18	10	18	9	20	10	22	10	17	10	18	9	22	9	21	9	24	10	14	10	10	9	10	8	10	7	10	7	9	7	9	8	12	388	16.2	8
" 24,	8	12	7	8	6	8	6	9	6	11	7	13	7	12	7	12	8	15	8	16	10	14	11	12	9	11	8	13	8	17	8	19	8	14	8	10	8	9	8	7	8	5	8	5	10	2	...	0	254	10.6	8
" 25,	...	0	...	1	8	3	...	0	...	1	9	4	...	1	9	5	8	6	8	12	9	12	8	13	8	12	8	10	8	9	8	9	8	6	7	3	8	4	8	3	8	6	8	7	8	4	...	0	131	5.5	8
" 26,	...	1	...	0	8	2	9	4	9	8	9	13	9	11	9	12	9	12	10	12	8	18	9	19	9	18	9	18	8	16	8	19	8	14	8	12	8	11	8	10	8	10	8	9	9	8	9	8	265	11.0	9
" 27,	9	8	9	9	9	6	8	10	9	8	10	7	10	10	9	10	10	10	10	11	10	15	10	14	9	13	10	13	10	14	9	12	9	11	9	9	9	8	9	9	9	8	10	9	10	11	10	10	245	10.2	10
" 28,	10	10	8	11	8	12	8	8	9	2	...	1	...	0	...	0	9	2	10	8	10	13	10	16	9	14	8	16	8	16	8	8	8	4	...	0	...	1	...	0	...	0	...	0	...	0	...	1	143	6.0	9
" 29,	...	0	...	0	8	2	...	1	...	1	10	3	23	7	23	6	32	8	2	10	1	13	6	16	8	24	10	22	8	27	8	33	8	25	8	28	8	28	7	32	7	31	7	31	7	33	7	33	414	17.2	7
" 30,	7	28	7	27	7	27	7	26	7	22	7	20	7	18	7	15	7	13	8	14	10	13	10	15	10	14	9	13	9	10	9	14	8	11	8	13	7	11	7	10	7	9	6	9	5	8	3	7	367	15.3	8
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	...	368	...	343	...	353	...	323	...	350	...	368	...	362	...	378	...	440	...	472	...	505	...	479	...	497	...	522	...	509	...	499	...	430	...	364	...	352	...	365	...	348	...	369	...	389	...	379	9764	406.8	...
Hourly Means,	...	12.3	...	11.4	...	11.8	...	10.8	...	11.7	...	12.3	...	12.1	...	12.6	...	14.7	...	15.7	...	16.8	...	16.0	...	16.6	...	17.4	...	17.0	...	16.6	...	14.3	...	12.1	...	11.7	...	12.2	...	11.6	...	12.3	...	13.0	...	12.6	325.5	13.6	...

* Estimated from total (Cylinder unclamped).

TABLE VIII.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR NOVEMBER, 1890.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N-S	+E-W	
1 a.	3.97	10.70	0.30	0.00	+3.67	+10.70	E 19° N
2 „	4.30	9.65	0.10	0.00	4.20	9.65	E 23° N
3 „	4.57	9.57	0.03	0.03	5.54	9.54	E 25° N
4 „	4.15	8.80	0.07	0.00	4.08	8.80	E 25° N
5 „	4.53	9.67	0.13	0.00	4.40	9.67	E 24° N
6 „	4.65	10.17	0.27	0.00	4.38	10.17	E 23° N
7 „	4.40	9.83	0.23	0.25	4.17	9.58	E 23° N
8 „	3.30	10.80	0.18	0.27	3.12	10.53	E 17° N
9 „	4.00	12.00	0.68	0.23	3.32	11.77	E 16° N
10 „	3.85	13.37	0.90	0.23	+2.95	13.14	E 13° N
11 „	2.70	14.71	2.77	0.23	−0.07	14.48	E
Noon.	2.00	14.55	3.40	0.17	1.40	14.38	E 6° S
1 p.	1.45	15.00	3.50	0.47	2.05	14.53	E 8° S
2 „	1.13	15.37	3.90	0.83	2.77	14.54	E 11° S
3 „	0.93	15.53	2.98	0.43	2.05	15.10	E 8° S
4 „	1.23	15.33	1.90	0.30	−0.67	15.03	E 3° S
5 „	1.47	12.97	1.10	0.20	+0.37	12.77	E 2° N
6 „	1.33	11.07	0.73	0.00	0.60	11.07	E 3° N
7 „	1.93	10.67	0.30	0.00	1.63	10.67	E 9° N
8 „	2.33	10.87	0.22	0.00	2.11	10.87	E 11° N
9 „	2.60	10.41	0.10	0.00	2.50	10.41	E 13° N
10 „	3.90	10.10	0.17	0.00	3.73	10.10	E 20° N
11 „	4.10	11.03	0.27	0.00	3.83	11.03	E 19° N
Midt.	3.67	10.98	0.20	0.00	+3.47	+10.98	E 18° N
Mean, ...	3.02	11.80	1.02	0.15	+2.00	+11.65	E 10° N

TABLE IX.

VICTORIA PEAK.

Date.	Barometer.			Temperature.					Wind.					
	10 a.	4 p.	10 p.	10 a.	4 p.	10 p.	Max.	Min.	10 a.		4 p.		10 p.	
									Direction.	Force.	Direction.	Force.	Direction.	Force.
1890.														
Nov. 1	28.32	28.23	28.25	65	65	63	71	59	NE	3	SW	2	NW	2
„ 2	.30	.24	.26	65	67	63	69	59	ENE	4	E	3	E	3
„ 3	.31	.25	.25	64	66	63	70	57	E	5	E	4	E	5
„ 4	.30	.23	.23	64	68	62	68	60	E	5	E	3	E	4
„ 5	.30	.22	.24	67	69	63	70	61	E	4	E	4	E	4
„ 6	.25	.21	.23	64	65	61	69	61	E	5	E	4	E	5
„ 7	.30	.24	.25	63	65	62	68	60	E	4	E	3	E	4
„ 8	.33	.26	.22	67	71	65	72	62	ENE	4	E	1	E	3
„ 9	.24	.18	.20	68	66	64	72	62	E	4	E	4	NE	4
„ 10	.22	.16	.18	67	69	67	70	63	E	5	E	1	ENE	3
„ 11	.21	.15	.18	65	64	55	67	55	NNE	5	NNE	5	NE	6
„ 12	.23	.14	.17	59	62	55	62	52	NNE	5	NE	4	NE	4
„ 13	.24	.18	.26	58	62	55	62	46	NE	3	E	1	NE	3
„ 14	.27	.19	.21	59	60	55	62	55	ENE	4	ENE	2	NE	4
„ 15	.24	.21	.18	63	64	63	67	55	ENE	5	E	4	NE	4
„ 16	.26	.20	.23	64	66	64	67	62	NNE	4	NW	2	NW	2
„ 17	.28	.22	.24	69	67	65	71	63	NE	2	NE	2	ENE	4
„ 18	.32	.28	.26	65	65	63	70	59	E	5	E	4	E	4
„ 19	.36	.26	.26	62	64	60	67	57	E	4	E	4	E	5
„ 20	.36	.29	.33	64	64	62	66	60	E	5	E	5	E	5
„ 21	.38	.30	.32	65	66	63	66	59	E	2	E	2	E	3
„ 22	.36	.29	.29	65	64	61	67	60	E	4	E	3	E	4
„ 23	.38	.29	.29	64	66	61	67	58	E	4	E	3	E	4
„ 24	.34	.29	.24	64	68	64	68	60	E	4	E	2	E	2
„ 25	.34	.26	.28	68	71	66	71	62	E	2	E	1	E	1
„ 26	.30	.23	.27	70	70	66	71	64	E	2	E	2	E	2
„ 27	.27	.23	.28	68	70	70	71	64	E	4	E	3	E	3
„ 28	.29	.22	.28	66	70	64	71	62	E	3	E	2	E	3
„ 29	.33	.29	.29	66	65	62	68	60	NNE	4	E	5	E	6
„ 30	.34	.26	.31	61	66	59	66	59	E	4	E	3	E	3
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mean,	28.299	28.233	28.249	64.6	66.2	62.2	68.2	59.2	E 15° N	3.9	E 7° N	2.9	E 20° N	3.6

TABLE X.

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
1890.												
Nov. 1, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 2, ...	2	sm-cum.	W	0	...	...	10	sm-cum.	W	4	sm-cum.	W
„ 3, ...	1	sm-cum.	...	7	sm-cum.	...	9	sm-cum. / cum.	W / E	8	sm-cum.	W
„ 4, ...	0	...	...	3	sm-cum. / cum.	E	7	sm-cum. / cum.	W / E	2	sm-cum. / cum.	W / E
„ 5, ...	0	...	...	0	...	...	2	c-cum. / sm-cum.	W / ..	1	sm-cum.	...
„ 6, ...	3	cum.	...	6	cum.	...	10	cum.	E	7	c-cum. / sm-cum. / cum.	W / W / ENE
„ 7, ...	8	sm-cum.	...	10	cum.	E	10	sm-cum. / cum.	W / E	10	sm-cum. / cum.	W / E
„ 8, ...	4	cum.	...	2	cum.	...	10	sm-cum. / cum.	W / E	4	sm-cum. / cum.	W / E
„ 9, ...	0	...	...	0	...	...	5	cum.	E	1	cum.	E
„ 10, ...	8	cum.	NE	2	cum.	ENE	4	cum.	ENE	2	cum.	ENE
„ 11, ...	6	cum.	NNE	0	...	...	2	c-str. / sm-cum.	NNE	7	c-str.	W
„ 12, ...	0	...	...	0	...	...	7	c-str.	W	7	c-str.	W
„ 13, ...	0	...	...	0	...	...	6	c-str.	W	6	c-str.	W
„ 14, ...	0	...	...	7	c-str.	...	10	str.	NE	9	c-str. / sm-cum. / cum.	ENE
„ 15, ...	10	cum-nim.	...	10	cum.	...	10	sm-cum. / cum.	E	5	sm-cum.	W
„ 16, ...	10	cum-nim.	...	10	cum-nim.	...	10	nim.	ENE	10	cum.	ENE
„ 17, ...	8	str-cum.	...	7	cum.	...	10	sm-cum.	...	8	sm-cum. / cum.	W / E
„ 18, ...	10	cum-nim.	...	10	cum.	...	10	sm-cum. / cum.	NNE	9	sm-cum. / cum.	W / NNE
„ 19, ...	1	cum.	...	8	cum.	NE	10	cum.	NNE	10	cum.	NE
„ 20, ...	10	cum.	E	5	cum.	NE	0	...	...	0	...	...
„ 21, ...	10	cum.	E	0	...	...	0	...	...	2	c-str. / cum	W / ENE
„ 22, ..	1	cum.	NE	8	cum.	NE	4	cum.	NE	2	cum.	ENE
„ 23, ...	10	cum.	ENE	0	...	...	2	cum.	ENE	1	cum.	ENE
„ 24, ...	0	...	...	0	...	...	3	c-str. / cum.	W / E	1	cum.	NE
„ 25, ...	0	...	...	0	...	...	7	c-str.	W	1	c-str.	W
„ 26, ...	4	c-str.	...	8	sm-cum.	WNW	9	c-str.	W	6	c-str.	W
„ 27, ...	0	...	...	0	...	...	1	cum.	ENE	2	c-str.	W
„ 28, ...	7	cum.	ENE	7	cum.	NE	10	sm-cum.	WSW	10	sm-cum.	WSW
„ 29, ...	8	sm-cum.	WSW	10	cum.	...	10	sm-cum.	WSW	9	sm-cum. / cum.	WSW / NE
„ 30, ...	10	cum.	ENE	10	cum.	NE	10	cum.	NE	9	sm-cum. / cum.	WSW / NE
.....	...	...	...	...	...	...	...	...	...	...	...	...
Mean,...	4.4	...	...	4.3	...	...	6.6	...	...	5.1	...	...

TABLE X,—*Continued.*

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 p.			4 p.			7 p.			10 p.			Daily and Monthly Means.
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	
1890.													
Nov. 1,...	0	...	...	0	...	...	0	...	...	1	sm-cum.	...	0.1
„ 2,...	1	sm-cum.	W	3	sm-cum.	W	1	sm-cum.	W	0	...	...	2.6
„ 3,...	1	sm-cum.	W	1	sm-cum.	W	1	sm-cum.	...	3	c-str.	...	3.9
„ 4,...	2	sm-cum.	W	4	sm-cum.	W	1	sm-cum.	W	10	c-str.	...	3.6
„ 5,...	0	...	...	0	...	...	0	...	...	2	cum.	E	0.6
„ 6,...	8	sm-cum. / cum.	W / ENE	10	c-str. / cum.	ENE	10	cum-nim.	...	10	cum-nim.	...	8.0
„ 7,...	9	sm-cum. / cum.	ESE	10	c-str. / cum.	ESE	10	cum-nim.	...	10	nim.	...	9.6
„ 8,...	0	...	...	0	...	...	0	...	...	0	...	...	2.5
„ 9,...	1	cum.	...	1	cum.	E	1	cum.	E	0	...	...	1.1
„ 10,...	10	sm-cum. / cum.	N	1	cum.	...	0	...	...	1	cum.	...	3.5
„ 11,...	8	c-str.	W	9	c-str.	W	1	c-str.	...	0	...	...	4.1
„ 12,...	3	c-str.	W	7	c-str.	W	1	c-str.	...	0	...	...	3.1
„ 13,...	5	c-str.	W	5	c-str.	W	1	c-str.	...	0	...	...	2.9
„ 14,...	10	str. / cum.	ENE	10	c-str. / sm-cum. / cum.	E	10	cum-nim.	...	10	str.	...	8.2
„ 15,...	5	c-cum. / sm-cum.	W	9	c-str. / cum.	E	10	cum-nim.	E	10	cum-nim.	...	8.6
„ 16,...	10	sm-cum. / cum.	E	10	str.	W	10	str. / cum.	ENE	10	str.	...	10.0
„ 17,...	9	sm-cum. / cum.	E	9	sm-cum. / cum.	W / W	9	sm-cum. / cum.	WSW / W	10	cum-nim.	...	8.8
„ 18,...	8	sm-cum. / cum.	W / NE	6	sm-cum.	W	0	...	...	4	cum.	E	7.1
„ 19,...	0	...	...	0	...	...	1	cum.	ENE	4	cum.	E	4.2
„ 20,...	0	...	...	1	cum.	E	2	cum.	E	9	cum.	E	3.4
„ 21,...	5	cum.	NNE	0	...	...	8	sm-cum.	NE	1	sm-cum.	NE	3.3
„ 22,...	4	c-str. / cum.	ENE	8	c-str. / sm-cum. / cum.	W / W / ENE	1	cum.	ENE	10	sm-cum. / cum.	NNE / ENE	4.7
„ 23,...	4	c-str. / sm-cum.	W / W	2	c-str. / sm-cum.	W	0	...	...	0	...	...	2.4
„ 24,...	5	c-str.	W	1	c-cum.	W	0	...	...	0	...	...	1.3
„ 25,...	4	c-str. / cum.	W / ENE	4	c-str.	W	1	c-str.	W	4	c-str.	W	2.6
„ 26,...	8	c-str.	W	1	c-str.	...	1	c-str.	W	0	...	...	4.6
„ 27,...	0	...	...	1	c-str.	W	0	...	...	0	...	...	0.5
„ 28,...	3	sm-cum.	W	1	sm-cum.	...	6	sm-cum.	W	9	sm-cum.	W	6.6
„ 29,...	2	sm-cum.	WSW	1	cum.	E	10	sm-cum. / cum.	E	9	cum.	E	7.4
„ 30,...	4	sm-cum. / cum.	WSW / NE	9	sm-cum. / cum.	WSW / N	3	sm-cum. / cum.	NE	8	cum.	NE	7.9
.....	...	...	...	...	...	...	...	...	...	...	...	...	...
Mean,...	4.3	...	...	4.1	...	...	3.3	...	...	4.5	...	...	4.6

TABLE I.

BAROMETRIC PRESSURE FOR THE MONTH OF DECEMBER, 1890.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.
Dec. 1,...	30.009	29.993	29.980	29.976	29.980	29.984	30.008	30.022	30.026	30.020	30.005	29.976	29.944	29.915	29.910	29.905	29.919	29.925	29.937	29.949	29.957	29.960	29.959	29.964	29.968
„ 2,...	29.965	.963	.959	.960	.962	.988	.005	.024	.035	.002	29.983	.965	.931	.917	.905	.908	.924	.940	.953	.965	.980	.990	.990	.973	.966
„ 3,...	.968	.953	.945	.944	.943	.973	29.987	.012	.028	.031	30.014	.988	.969	.963	.967	.972	.983	30.002	30.017	30.036	30.050	30.017	30.045	30.040	.994
„ 4,...	30.030	30.025	30.015	30.016	30.012	30.026	30.053	.075	.082	.080	.063	30.040	.999	.969	.966	.958	.987	29.994	.003	.020	.020	.029	.019	.020	30.021
„ 5,...	.003	29.996	29.975	29.968	29.961	29.983	29.996	.011	.020	.012	.005	29.975	.950	.922	.914	.915	.930	.940	29.941	29.956	29.958	29.966	29.956	29.942	29.966
„ 6,...	29.940	.922	.916	.915	.917	.921	.934	29.958	29.979	29.987	29.965	.931	.911	.902	.887	.886	.894	.906	.917	.909	.927	.946	.924	.913	.925
„ 7,...	.892	.881	.866	.859	.855	.868	.882	.909	.941	.947	.936	.909	.864	.860	.860	.875	.892	.917	.930	.946	.969	.990	.988	.981	.909
„ 8,...	.985	.969	.961	.967	.980	.987	30.028	30.044	30.055	30.053	30.035	30.012	.980	.958	.947	.954	.970	.999	30.015	30.041	30.052	30.050	30.048	30.042	30.005
„ 9,...	30.036	30.028	30.021	30.012	30.013	30.031	.041	.075	.084	.084	.077	.034	30.006	.981	.970	.970	.979	.983	29.997	.016	.036	.027	29.994	.014	.021
„ 10,...	29.981	29.981	29.985	29.964	29.955	29.979	29.992	.025	.040	.040	.033	.006	29.963	.945	.943	.947	.951	.971	.974	29.988	.000	.002	.993	29.979	29.985
„ 11,...	.973	.962	.953	.945	.939	.944	.955	29.964	29.971	29.980	29.977	29.942	.895	.887	.873	.871	.869	.890	.890	.907	29.912	29.906	.896	.887	.925
„ 12,...	.864	.845	.839	.827	.818	.832	.840	.852	.865	.867	.855	.822	.784	.766	.759	.766	.781	.809	.830	.860	.881	.888	.898	.903	.835
„ 13,...	.910	.904	.901	.901	.910	.923	.950	.985	.993	.988	.974	.944	.916	.905	.900	.907	.929	.951	.975	.987	.990	.990	.987	.991	.946
„ 14,...	30.002	30.001	.990	.985	.984	.985	30.009	30.026	30.054	30.067	30.054	30.027	30.005	.991	.985	.993	30.011	30.022	30.029	30.041	30.050	30.060	30.057	30.055	30.020
„ 15,...	.045	.028	30.012	.996	.992	30.002	.016	.032	.053	.050	.020	29.990	29.946	.927	.916	.919	29.930	29.943	29.965	29.980	29.981	29.983	29.979	29.968	29.986
„ 16, .	29.962	29.958	29.946	.945	.949	29.956	29.981	29.998	.015	.004	29.988	.967	.926	.905	.898	.898	.915	.930	.947	.970	.980	.983	.977	.968	.957
„ 17,...	.961	.951	.947	.946	.953	.972	.989	30.014	.021	.026	30.021	.991	.950	.928	.922	.931	.946	.962	.980	.989	.992	.996	.978	.977	.973
„ 18,...	.976	.961	.948	.941	.946	.958	.980	.011	.014	.034	.017	.985	.960	.937	.953	.967	.986	.982	.989	30.006	30.015	30.019	30.012	30.003	.983
„ 19,...	.999	.982	.966	.959	.958	.970	.999	.017	.041	.039	.021	.996	.956	.937	.922	.922	.930	.937	.948	29.967	29.970	29.960	29.950	29.945	.970
„ 20,...	.933	.920	.913	.906	.914	.926	.948	29.970	29.981	29.982	29.970	.940	.901	.880	.871	.872	.877	.880	.894	.910	.925	.936	.921	.916	.920
„ 21,...	.919	.911	.902	.893	.899	.911	.930	.956	.980	.987	.971	.936	.890	.855	.854	.855	.861	.863	.877	.886	.901	.907	.908	.909	.907
„ 22,...	.901	.887	.873	.871	.875	.893	.918	.945	.957	.966	.961	.933	.894	.866	.860	.859	.860	.857	.872	.879	.889	.893	.896	.888	.896
„ 23,...	.881	.882	.878	.882	.895	.918	.940	.978	.998	30.005	.983	.958	.921	.901	.898	.900	.907	.920	.940	.963	.978	.986	.988	.995	.937
„ 24,...	.999	.989	.977	.989	.992	30.010	30.030	30.048	30.076	.081	30.074	30.042	30.014	.996	.984	.987	.992	30.005	30.025	30.043	30.074	30.089	30.088	30.076	30.028
„ 25,...	30.068	30.053	30.036	30.026	30.022	.027	.035	.050	.068	.078	.059	.027	29.986	.971	.955	.955	.961	29.957	29.966	29.985	29.996	.004	.001	29.991	.012
„ 26,...	29.980	29.964	29.947	29.934	29.929	29.931	29.931	29.949	29.958	29.952	29.941	29.905	.860	.830	.823	.827	.829	.836	.845	.847	.852	29.852	29.847	.840	29.892
„ 27,...	.837	.830	.831	.825	.824	.833	.847	.874	.887	.888	.883	.857	.821	.797	.780	.767	.775	.787	.798	.817	.840	.855	.854	.854	.832
„ 28,...	.859	.857	.858	.861	.870	.872	.898	.917	.931	.930	.927	.895	.871	.853	.843	.841	.838	.843	.861	.879	.892	.901	.904	.907	.879
„ 29,...	.908	.904	.901	.895	.895	.916	.941	.974	.988	.987	.970	.943	.910	.897	.896	.911	.932	.956	.980	30.007	30.026	30.043	30.056	30.073	.955
„ 30,...	30.080	30.098	30.090	30.118	30.135	30.144	30.155	30.178	30.189	30.195	30.178	30.140	30.098	30.064	30.043	30.051	30.063	30.083	30.098	.113	.118	.111	.110	.104	30.115
„ 31,...	.098	.085	.079	.081	.078	.095	.114	.134	.136	.134	.124	.106	.078	.048	.041	.044	.049	.062	.076	.083	.086	.082	.081	.080	.086
Hourly Means, ...	29.967	29.958	29.949	29.945	29.947	29.960	29.978	30.001	30.015	30.016	30.003	29.974	29.939	29.918	29.911	29.914	29.925	29.937	29.951	29.966	29.977	29.981	29.978	29.974	29.962

TABLE II.

TEMPERATURE FOR THE MONTH OF DECEMBER, 1890.

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,	62.4	61.9	61.0	60.5	60.2	59.7	60.4	63.7	66.5	67.7	66.6	69.4	70.4	69.3	68.4	67.8	66.5	65.8	65.3	65.8	65.1	65.1	65.6	65.6	65.0	72.4	59.7
" 2,	65.8	65.7	65.5	65.2	64.4	64.1	64.8	65.3	67.1	68.1	67.4	68.2	69.0	69.3	68.2	67.8	66.9	66.1	66.3	67.0	67.0	67.3	67.1	67.3	66.7	71.0	63.4
" 3,	67.6	67.3	67.4	67.2	67.3	67.3	67.7	68.0	69.1	69.2	70.4	70.6	71.6	69.5	68.9	67.8	67.8	67.6	67.6	67.5	67.4	67.3	67.1	67.0	68.2	73.3	66.6
" 4,	66.8	66.7	66.6	66.7	66.2	66.0	67.0	68.2	69.1	69.1	70.4	71.0	71.0	70.0	69.5	68.6	67.8	67.0	66.8	66.8	66.8	66.8	66.8	66.9	67.9	73.0	65.7
" 5,	67.0	67.0	66.7	66.1	66.1	66.3	66.6	67.7	68.7	69.0	68.9	69.4	69.0	68.7	67.3	67.1	67.0	67.0	66.8	67.0	66.7	66.2	66.2	66.5	67.3	70.1	65.6
" 6,	66.1	65.7	65.9	65.6	65.6	65.6	65.7	65.8	66.0	66.7	67.3	67.4	67.0	67.2	67.2	67.2	67.1	67.1	66.9	66.9	67.3	65.0	64.5	65.3	66.3	68.5	64.5
" 7,	65.4	64.9	64.8	65.7	65.8	64.4	64.0	64.0	64.0	64.7	66.0	65.5	65.9	67.1	67.0	65.8	65.9	64.8	64.8	63.5	62.8	61.8	61.0	60.8	64.6	67.1	60.8
" 8,	60.1	60.0	59.4	58.4	58.1	59.0	58.9	60.1	61.9	64.4	65.6	64.3	66.4	66.8	67.0	65.0	64.3	61.4	60.0	58.6	57.1	57.0	55.6	55.9	61.1	67.4	54.9
" 9,	55.0	55.8	56.0	55.2	56.0	56.4	60.0	62.0	63.5	63.9	63.7	64.6	64.9	64.0	63.3	64.1	64.0	63.9	64.0	64.2	64.2	64.8	64.1	64.0	61.7	66.5	53.6
" 10,	63.0	63.0	63.0	62.9	62.4	62.3	62.2	62.9	63.1	63.9	64.0	64.1	65.8	64.0	64.3	64.7	64.3	64.7	65.0	65.1	65.3	65.1	64.4	63.7	63.9	66.2	61.9
" 11,	63.9	63.4	63.3	63.3	63.4	63.4	64.0	64.1	65.1	65.0	66.2	65.7	65.8	65.9	65.8	66.0	66.3	66.1	65.8	66.1	65.9	66.0	66.3	66.4	65.1	66.6	62.6
" 12,	66.3	66.6	67.0	66.2	65.8	65.3	65.1	66.8	66.6	67.9	67.4	69.3	70.0	73.0	71.1	71.4	69.3	69.0	69.0	69.0	68.8	66.5	65.9	65.0	67.8	73.0	64.8
" 13,	63.9	62.2	61.2	60.0	60.1	58.9	60.0	62.0	63.7	66.6	67.3	69.5	68.9	70.6	70.7	67.1	64.4	61.9	62.3	61.4	61.6	61.0	60.2	60.7	63.6	71.3	58.5
" 14,	61.6	60.5	60.3	60.5	60.6	59.9	60.9	61.7	63.0	63.3	62.8	63.3	63.3	63.1	63.4	63.0	62.8	61.9	61.8	61.5	61.0	61.7	61.3	61.4	61.9	63.4	58.9
" 15,	61.3	61.1	61.1	61.2	61.4	61.1	61.0	63.0	64.8	65.2	65.7	65.5	66.4	65.2	66.0	64.8	63.6	63.0	62.8	62.5	62.5	62.1	62.0	61.7	63.1	67.5	60.7
" 16,	61.0	60.3	60.6	59.7	60.0	60.4	61.0	65.3	66.6	69.3	69.5	69.2	69.2	67.2	66.8	66.3	65.3	65.0	65.0	64.9	64.6	64.1	63.9	64.8	64.6	71.4	59.5
" 17,	65.0	65.2	65.2	65.1	65.0	64.3	64.9	65.9	67.3	68.4	69.7	70.5	70.2	68.6	68.2	67.2	66.2	66.1	66.0	65.4	65.3	65.2	65.2	65.3	66.5	70.5	63.8
" 18,	65.2	65.1	64.5	64.4	64.1	64.0	65.1	66.1	66.7	66.8	66.8	66.0	66.4	65.8	65.2	65.3	65.0	65.0	65.0	65.1	65.3	65.2	65.1	65.1	65.3	67.9	63.7
" 19,	65.1	65.1	65.0	65.0	64.9	64.9	65.0	65.1	65.2	66.0	66.1	66.2	66.1	66.0	66.0	66.2	66.3	66.3	66.2	66.3	66.6	66.6	66.6	66.5	65.8	66.6	64.9
" 20,	66.3	66.3	66.2	66.1	66.1	66.0	66.2	66.5	67.2	68.5	70.4	70.5	70.0	69.4	69.4	69.0	68.3	67.1	66.1	66.1	66.0	65.8	65.3	65.3	67.3	71.3	65.3
" 21,	65.4	65.4	65.5	65.4	65.5	66.1	66.1	67.2	69.1	70.2	70.9	71.6	73.2	74.6	75.0	74.0	70.9	67.7	67.1	66.6	65.2	65.1	64.8	64.3	68.2	76.5	64.3
" 22,	63.9	64.0	63.9	63.9	63.8	64.6	65.3	66.8	67.9	69.3	72.0	75.5	72.4	74.1	72.8	69.2	67.8	66.4	66.2	66.5	66.7	67.1	67.1	67.1	67.7	75.9	63.4
" 23,	67.3	67.8	67.3	67.2	67.3	67.2	67.3	69.5	70.4	71.4	69.8	72.4	71.8	72.5	71.3	70.2	69.1	67.9	67.8	67.2	67.0	67.0	67.0	66.5	68.8	73.4	65.6
" 24,	65.0	64.8	65.0	65.0	64.8	64.0	65.0	67.9	69.7	71.7	75.2	73.5	72.5	72.9	70.3	70.0	68.8	67.8	67.1	65.8	65.0	65.1	64.7	65.3	67.8	77.6	63.7
" 25,	65.2	64.6	64.3	64.1	64.0	64.1	64.1	64.3	65.2	65.4	65.9	67.0	67.1	66.1	65.9	65.3	65.3	65.2	65.5	65.9	66.0	66.0	65.6	65.2	65.3	67.7	63.7
" 26,	64.6	65.0	64.6	64.6	64.4	64.3	64.9	66.1	67.1	67.8	67.9	68.9	68.6	68.7	67.5	67.8	67.1	66.9	66.5	66.3	66.4	67.1	67.0	66.7	66.5	69.7	64.0
" 27,	66.4	66.3	66.3	66.3	66.2	66.1	66.2	67.0	70.0	70.0	69.6	70.0	71.2	71.2	69.5	69.9	69.1	69.0	72.1	72.0	72.2	72.1	72.0	72.1	69.3	72.2	65.7
" 28,	72.5	72.0	71.9	71.0	70.3	69.2	71.8	72.5	74.6	76.8	78.5	78.5	79.8	78.7	79.0	76.8	74.9	72.1	70.0	69.2	68.8	68.1	67.7	68.0	73.0	80.5	67.5
" 29,	67.7	67.3	67.2	67.0	66.7	66.9	67.9	71.0	73.3	73.7	76.2	77.6	77.9	78.3	75.0	72.0	70.1	69.4	68.8	68.2	68.1	68.0	67.3	67.0	70.5	79.4	65.6
" 30,	67.0	62.6	60.4	59.2	58.0	57.7	57.3	58.5	59.3	59.8	63.9	66.4	64.3	65.6	66.4	62.8	61.7	58.6	57.1	57.0	56.2	55.0	54.1	53.0	60.1	67.8	52.8
" 31,	54.4	53.7	55.4	55.3	55.8	55.8	56.0	57.8	58.7	60.4	62.1	62.1	62.0	62.2	62.8	61.4	61.1	60.8	60.6	60.9	60.7	61.1	61.4	61.8	59.3	63.4	53.0
Hourly Means,	64.5	64.1	64.0	63.7	63.6	63.4	63.9	65.3	66.5	67.4	68.2	68.8	69.0	68.9	68.4	67.5	66.6	65.8	65.6	65.4	65.1	64.9	64.6	64.6	65.8	70.6	62.2

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION, FOR THE MONTH OF DECEMBER, 1890.

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,...	57.7	56.9	56.2	56.4	56.0	56.0	56.1	59.0	59.8	60.7	61.1	60.9	61.1	60.0	60.3	60.2	59.8	59.8	59.0	59.7	60.4	60.5	60.7	60.8	59.1	126.2
„ 2,...	61.2	61.1	61.3	61.0	60.3	59.4	59.8	60.4	61.4	61.8	61.4	62.6	62.8	63.4	62.5	61.8	61.7	62.0	61.8	62.7	63.0	62.8	62.5	62.6	61.7	125.3
„ 3,...	62.1	62.0	61.9	61.3	60.1	60.9	60.8	60.1	59.9	60.2	61.0	62.1	61.6	60.1	61.8	61.1	60.3	62.5	63.6	63.7	63.7	63.9	63.9	63.3	61.7	135.1
„ 4,...	63.0	63.0	61.2	61.8	61.1	61.5	61.8	61.9	62.5	62.7	62.9	63.7	64.1	63.0	63.1	62.8	62.5	62.7	62.8	62.8	63.1	63.5	63.2	63.2	62.7	126.0
„ 5,...	63.3	63.7	63.2	62.6	62.9	63.0	62.6	62.5	62.1	63.0	62.9	63.3	63.0	63.1	62.2	62.9	62.8	63.6	63.3	63.8	63.9	64.0	63.8	63.6	63.1	131.9
„ 6,...	63.8	62.9	62.8	62.8	62.5	62.7	62.6	62.5	62.9	63.0	63.4	64.1	63.5	63.6	63.3	63.2	63.1	63.9	63.9	63.8	63.8	63.8	63.7	63.4	63.3	108.0
„ 7,...	63.2	63.0	63.1	63.0	63.2	63.1	62.8	63.4	63.6	64.0	64.4	63.8	64.6	64.1	63.1	61.8	61.5	60.8	60.3	59.5	59.5	57.8	57.2	55.9	61.9	115.9
„ 8,...	55.6	54.6	53.6	53.5	53.1	51.6	53.6	53.2	54.2	55.6	56.5	55.6	57.1	58.3	58.2	56.6	56.3	54.8	52.8	51.5	51.1	50.9	50.5	50.6	54.1	122.3
„ 9,...	50.6	50.8	51.4	50.9	51.5	52.0	55.0	56.2	57.2	57.6	58.0	58.1	58.8	58.5	58.1	59.4	59.4	59.3	59.8	59.8	59.8	59.0	58.8	58.6	56.6	125.5
„ 10,...	58.6	58.4	58.7	58.7	58.9	58.9	57.9	58.1	58.5	58.6	58.8	58.7	59.7	58.6	59.0	58.8	58.6	59.0	59.0	58.8	59.8	58.8	59.5	60.0	58.8	130.5
„ 11,...	59.6	59.9	59.9	60.0	60.1	60.4	60.8	60.8	61.4	61.8	62.5	62.4	62.5	62.7	62.7	62.8	62.9	63.0	63.0	63.7	63.8	63.8	64.0	63.9	62.0	93.3
„ 12,...	63.8	63.8	64.0	64.0	63.8	63.7	63.8	64.8	65.1	66.0	66.4	67.4	67.4	68.1	67.5	67.2	65.9	65.4	65.7	64.8	63.7	61.6	60.9	59.4	64.8	127.7
„ 13,...	58.5	56.3	55.8	53.7	53.7	53.6	53.3	54.8	55.6	57.4	57.7	57.8	58.4	59.6	59.7	56.0	55.7	55.7	54.4	54.6	54.4	54.4	55.7	55.4	55.9	124.9
„ 14,...	55.8	55.0	54.6	54.2	54.9	54.8	55.7	55.9	56.8	57.1	56.7	57.0	56.8	56.7	57.3	57.0	57.5	56.0	55.9	55.8	55.8	56.5	56.5	56.5	56.1	121.4
„ 15,...	56.9	55.6	55.7	56.3	56.8	56.8	56.9	57.9	58.8	59.0	59.5	59.2	59.3	57.9	58.8	58.6	58.3	58.6	58.8	58.9	59.0	58.8	58.8	58.7	58.1	122.1
„ 16,...	58.7	58.4	58.1	57.9	58.1	58.6	59.0	61.2	61.5	62.6	62.8	64.2	64.3	63.1	62.3	61.6	61.4	61.6	60.9	61.0	61.2	61.3	61.3	61.6	60.9	126.0
„ 17,...	61.9	62.0	61.9	62.0	61.7	61.7	61.8	61.9	62.7	62.0	63.1	64.0	62.8	62.7	63.1	62.2	62.7	62.8	62.9	62.8	62.9	62.8	63.0	63.0	62.5	126.3
„ 18,...	63.0	62.2	61.6	61.5	61.2	60.9	62.1	62.2	62.6	62.6	62.8	62.3	62.6	62.3	62.1	62.1	61.3	61.6	61.8	62.0	62.1	62.0	61.9	61.6	62.0	105.1
„ 19,...	61.7	61.6	62.0	61.6	61.9	61.8	62.1	62.2	62.3	62.4	62.5	62.6	63.2	63.0	62.7	63.0	63.0	63.1	63.8	63.9	63.8	64.3	64.1	64.1	62.8	90.2
„ 20,...	64.2	64.0	64.0	64.1	64.0	64.0	64.2	64.5	65.0	65.8	67.0	67.2	66.8	66.5	66.4	66.2	66.0	65.4	64.8	64.9	65.0	65.0	64.8	64.8	65.2	129.5
„ 21,...	65.0	64.9	65.0	64.9	64.9	64.8	64.9	65.5	65.1	65.5	65.9	66.5	67.0	67.6	67.3	67.2	65.6	64.4	64.0	63.9	63.5	63.9	63.6	63.2	65.2	128.6
„ 22,...	63.2	62.8	62.8	62.8	63.0	63.9	64.3	65.2	65.9	66.2	66.1	67.4	67.4	65.6	65.3	66.5	65.8	65.7	65.4	65.5	65.5	65.7	65.7	65.8	65.1	134.6
„ 23,...	65.7	65.8	66.0	65.8	65.9	65.7	65.7	66.7	67.4	67.3	66.9	67.9	67.7	67.7	67.7	67.4	67.0	66.7	66.5	65.8	65.6	64.9	65.3	64.9	66.4	125.5
„ 24,...	63.1	63.0	62.9	63.8	63.5	63.2	63.4	64.9	65.7	66.4	67.7	66.6	66.5	65.9	64.7	64.6	63.8	61.9	59.7	58.7	57.4	56.6	57.5	57.8	62.9	134.7
„ 25,...	57.4	58.2	58.4	59.5	59.7	60.8	60.8	60.9	61.1	61.3	61.1	61.9	62.0	61.9	61.9	61.8	61.8	61.8	61.9	61.9	61.9	61.8	61.4	61.0	60.9	129.7
„ 26,...	61.3	61.0	60.8	60.9	61.0	61.0	61.6	61.7	62.7	62.7	62.8	63.6	63.5	63.3	63.2	63.8	63.0	63.3	63.4	63.4	63.7	64.7	64.6	64.2	62.7	125.5
„ 27,...	64.2	64.1	64.0	64.1	64.5	64.7	64.7	65.1	67.0	67.1	67.1	67.0	67.9	68.1	67.2	67.9	67.4	67.8	68.7	69.1	69.5	69.0	68.8	68.9	66.8	129.8
„ 28,...	69.0	68.9	68.6	68.5	67.9	67.4	68.5	69.5	69.9	68.0	69.2	68.3	69.4	68.0	69.1	67.9	67.1	66.4	66.2	65.8	66.6	66.3	66.4	66.2	67.9	131.1
„ 29,...	66.4	65.7	65.6	65.4	65.1	65.4	66.7	68.6	68.9	68.9	70.0	68.4	67.2	68.4	72.4	67.9	67.2	67.6	66.0	66.0	65.8	65.5	64.7	64.4	67.0	130.9
„ 30,...	64.2	57.1	54.0	52.8	50.4	50.5	48.7	48.6	49.7	49.9	51.6	52.1	50.0	51.3	52.1	49.8	49.4	47.1	46.6	45.6	45.0	44.8	45.7	45.2	50.1	121.1
„ 31,...	45.3	45.5	47.9	49.4	49.7	49.9	50.2	52.1	52.1	53.1	54.7	54.9	54.7	56.0	56.3	56.3	56.1	56.0	55.8	55.9	56.5	56.9	57.8	57.9	53.4	118.1
Hourly Mean ...	60.9	60.4	60.2	60.2	60.0	60.1	60.4	61.0	61.6	61.9	62.4	62.6	62.7	62.6	62.6	62.1	61.8	61.6	61.4	61.3	61.3	61.1	61.2	61.0	61.3	123.3

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR FOR THE MONTH OF DECEMBER, 1890.

Hour.	Hourly Mean.		Date.	Daily Mean.	
	Humidity.	Tension.		Humidity.	Tension.
			1890.		
1 a	80	0.493	Dec. 1,.....	68	0.424
2 „	79	.483	„ 2,.....	74	.485
3 „	79	.478	„ 3,.....	67	.464
4 „	80	.482	„ 4,.....	73	.502
5 „	80	.477	„ 5,.....	78	.523
6 „	81	.482	„ 6,.....	84	.543
7 „	80	.485	„ 7,.....	85	.519
8 „	77	.486	„ 8,.....	60	.327
9 „	74	.489	„ 9,.....	71	.392
10 „	72	.487	„ 10,.....	72	.430
11 „	71	.493	„ 11,.....	83	.516
Noon.	69	.491	„ 12,.....	85	.575
1 p	69	.492	„ 13,.....	59	.347
2 „	69	.490	„ 14,.....	68	.375
3 „	71	.497	„ 15,.....	72	.419
4 „	72	.492	„ 16,.....	80	.487
5 „	75	.495	„ 17,.....	79	.514
6 „	78	.499	„ 18,.....	82	.513
7 „	77	.495	„ 19,.....	84	.533
8 „	78	.494	„ 20,.....	89	.595
9 „	79	.498	„ 21,.....	85	.583
10 „	79	.494	„ 22,.....	87	.586
11 „	82	.501	„ 23,.....	88	.618
Midt.	80	.495	„ 24,.....	75	.509
			„ 25,.....	76	.478
			„ 26,.....	80	.521
			„ 27,.....	87	.625
			„ 28,.....	76	.615
			„ 29,.....	83	.616
			„ 30,.....	44	.231
			„ 31,.....	65	.331
Mean,.....	76	0.490	Mean.	76	0.490

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.
1890.														
December 1,.....	...	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	...	9.7
„ 2,.....	...	0.3	0.9	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	...	9.4
„ 3,.....	...	...	...	...	0.1	...	0.2	0.9	0.2	...	...	...	...	1.4
„ 4,.....	...	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	...	9.6
„ 5,.....	...	...	0.4	1.0	1.0	1.0	1.0	0.8	0.9	0.4	...	...	...	6.5
„ 6,.....	...	...	...	...	...	0.1	...	...	...	...	...	...	...	0.1
„ 7,.....	...	...	...	...	...	...	...	...	...	0.4	...	...	...	0.4
„ 8,.....	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	...	10.1
„ 9,.....	...	0.5	1.0	0.9	0.9	0.5	0.9	0.6	0.5	...	...	...	...	5.8
„ 10,.....	...	...	...	0.6	1.0	0.1	0.3	0.9	0.4	0.4	0.4	...	...	4.1
„ 11,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 12,.....	...	...	...	...	...	...	...	0.1	1.0	0.9	0.9	0.3	...	3.2
„ 13,.....	...	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	10.1
„ 14,.....	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	...	9.9
„ 15,.....	...	...	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	...	9.1
„ 16,.....	...	0.1	1.0	1.0	1.0	1.0	0.9	1.0	0.9	0.3	0.9	...	...	8.1
„ 17,.....	...	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	...	...	8.4
„ 18,.....	...	0.2	0.1	0.2	0.1	0.2	0.1	...	...	...	...	...	...	0.9
„ 19,.....	...	...	...	...	...	...	...	...	...	...	...	...	...	0.0
„ 20,.....	...	...	...	...	0.2	0.8	1.0	0.9	0.7	0.9	0.9	0.3	...	5.7
„ 21,.....	...	...	...	...	...	...	0.5	1.0	1.0	1.0	1.0	0.5	...	5.0
„ 22,.....	...	...	0.3	0.8	0.6	1.0	1.0	1.0	1.0	1.0	1.0	0.2	...	7.9
„ 23,.....	...	...	0.6	1.0	0.9	0.7	1.0	1.0	1.0	1.0	1.0	0.4	...	8.6
„ 24,.....	...	...	0.4	0.5	0.1	0.8	0.8	0.9	1.0	0.5	0.1	0.1	...	5.2
„ 25,.....	...	...	...	...	0.1	...	0.9	1.0	0.2	0.1	...	...	...	2.3
„ 26,.....	...	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.1	...	...	7.2
„ 27,.....	...	...	0.4	1.0	1.0	0.9	1.0	1.0	1.0	0.9	0.2	...	...	7.4
„ 28,.....	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	10.0
„ 29,.....	...	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	...	9.6
„ 30,.....	...	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	...	9.9
„ 31,.....	...	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	...	...	9.0
Sums,.....	...	4.8	16.0	19.8	20.0	20.1	22.6	24.1	22.8	20.4	18.0	6.0	...	194.6

TABLE VI.

RAINFALL FOR THE MONTH OF DECEMBER, 1890.

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.	Victoria Peak.
Dec. 1,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 2,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 3,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 4,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 5,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...
„ 6,	0.005	...	...	...	...	...	...	...	0.010	...	...	...	...	...	...	...	...	...	...	...	...	0.500	0.100	0.005	0.620	7	1.45
„ 7,	0.005	0.005	0.010	0.015	0.010	0.150	0.010	0.190	0.090	0.040	0.010	0.055	0.005	...	...	...	...	...	...	...	...	...	...	...	0.595	13	...
„ 8,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 9,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 10,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 11,	...	...	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	3	...
„ 12,	...	...	...	...	...	0.050	...	...	0.025	...	0.035	...	...	...	...	...	...	...	...	...	...	...	...	...	0.110	5	0.15
„ 13,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 14,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 15,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 16,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 17,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 18,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 19,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 20,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 21,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 22,	...	...	...	...	...	†0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	0	...
„ 23,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 24,	...	...	...	...	...	†0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005	0	...
„ 25,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 26,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 27,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	*0.005	*0.010	*0.005	...	0.020	1	...
„ 28,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 29,	...	†0.005	...	...	...	†0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.010	0	...
„ 30,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 31,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	0.010	0.010	0.010	0.020	0.010	0.215	0.010	0.190	0.125	0.040	0.045	0.055	0.005	...	...	...	...	...	...	...	0.005	0.510	0.105	0.005	1.370	30	1.60

* Estimated from total (no trace). † Dew.

The daily duration of rain at the Observatory is entered from estimation. The rainfall at Victoria Peak is measured at 10 a. and entered to preceding day.

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND FOR THE MONTH OF DECEMBER, 1890.

Date.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.		7 a.		8 a.		9 a.		10 a.		11 a.		Noon.		1 p.		2 p.		3 p.		4 p.		5 p.		6 p.		7 p.		8 p.		9 p.		10 p.		11 p.		Midt.		Vel.		Dir.
	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Sums.	Means.	Means.
Dec. 1,	2	10	1	15	1	9	...	0	...	1	6	3	...	1	6	3	10	10	10	11	11	12	11	13	11	15	9	18	9	21	9	19	10	17	8	14	8	11	7	11	6	11	6	10	8	16	8	15	266	11.1	8
" 2,	7	13	7	10	6	10	5	12	4	12	4	9	5	9	4	12	6	18	7	28	7	30	7	23	7	21	7	26	7	20	7	16	7	15	7	11	8	17	8	20	8	21	9	18	7	14	7	18	403	16.8	7
" 3,	5	17	6	18	6	19	7	15	7	14	7	13	7	13	8	15	8	21	8	23	8	22	8	24	9	29	9	29	8	28	8	27	7	23	8	22	7	19	7	24	7	22	7	27	7	24	7	19	507	21.1	7
" 4,	7	22	7	15	7	20	6	19	7	21	7	19	7	10	4	11	7	19	8	18	8	20	9	23	9	23	10	24	10	23	10	21	8	14	8	15	8	16	7	17	7	14	6	13	6	16	7	19	432	18.0	8
" 5,	7	18	6	21	7	22	7	25	7	24	7	24	7	26	6	28	6	29	7	35	7	36	8	32	7	29	7	28	7	29	7	26	6	22	7	21	7	26	7	28	7	28	7	23	7	23	7	24	627	26.1	6
" 6,	7	25	7	29	7	26	7	23	7	25	7	27	7	33	7	29	7	23	8	25	8	23	7	30	7	23	8	25	7	21	8	24	8	17	8	22	8	23	8	27	8	19	9	19	8	18	7	19	575	24.0	7
" 7,	7	23	7	22	7	22	6	20	6	18	6	18	7	15	20	4	28	5	29	5	32	4	...	1	9	2	32	11	32	12	32	16	30	11	30	10	30	6	32	8	32	7	30	11	31	7	28	10	268	11.2	3
" 8,	28	10	27	5	31	6	31	4	32	2	1	6	30	11	31	10	32	13	32	10	32	10	30	10	31	14	31	14	32	12	3	10	1	8	1	10	32	10	32	9	2	7	1	11	1	5	1	4	211	8.8	32
" 9,	...	0	...	0	...	0	1	2	...	0	...	1	6	5	8	10	7	11	6	12	8	17	8	18	8	17	8	22	7	21	7	22	7	24	7	28	7	24	7	28	7	24	7	32	7	37	7	34	389	16.2	7
" 10,	7	37	7	37	7	36	7	39	7	39	7	33	7	37	7	34	6	30	6	32	7	29	7	26	7	30	7	32	7	27	7	27	7	28	7	26	7	28	8	26	8	26	8	26	7	27	7	27	739	30.8	7
" 11,	7	24	7	23	7	18	7	18	8	18	7	22	7	25	6	22	7	26	7	23	7	21	7	25	7	23	7	18	7	23	7	17	8	18	7	14	8	15	6	10	8	11	8	13	9	14	8	14	453	18.9	7
" 12,	9	14	9	13	10	10	9	10	10	10	10	9	8	5	9	2	6	2	...	0	27	4	23	3	...	0	20	4	23	10	23	8	24	7	23	3	26	12	31	8	1	9	7	3	32	6	1	9	161	6.7	6
" 13,	32	5	32	5	32	8	32	4	31	8	2	4	2	13	32	10	32	11	32	16	1	9	32	7	32	12	32	8	32	10	2	10	32	5	32	5	2	3	1	9	2	2	...	1	...	0	3	2	167	7.0	32
" 14,	7	7	4	8	5	7	5	16	5	18	4	20	7	26	7	26	7	35	7	32	7	32	7	29	7	29	7	30	7	26	7	21	7	18	7	12	7	10	6	7	6	8	6	8	6	12	7	13	450	18.7	7
" 15,	6	15	6	15	6	18	7	20	7	18	7	20	7	17	7	18	7	15	9	16	9	23	9	15	9	17	8	20	8	13	9	15	8	18	9	12	9	9	9	6	9	8	9	8	9	8	9	4	348	14.5	8
" 16,	...	0	...	0	...	0	...	0	...	0	...	1	...	0	...	0	..	0	11	3	11	3	10	6	9	11	8	15	8	15	8	17	9	16	9	12	8	10	11	7	5	5	8	6	8	4	8	9	140	5.8	9
" 17,	5	5	5	6	6	7	7	8	7	9	9	8	9	13	8	15	8	19	8	16	8	17	8	15	9	19	8	20	8	20	8	19	8	15	8	15	8	12	8	13	7	11	8	12	8	12	7	4	310	12.9	8
" 18,	10	3	10	5	10	7	11	6	...	1	11	5	10	13	8	20	7	22	7	27	7	28	6	29	7	26	7	25	7	21	7	19	6	18	7	22	7	24	6	25	6	27	6	25	7	23	8	24	445	18.5	7
" 19,	8	24	8	24	7	24	7	24	7	26	7	23	7	26	7	27	7	23	7	24	7	25	7	26	7	22	7	22	7	22	7	20	7	21	8	19	8	19	7	16	8	17	7	19	7	18	8	17	528	22.0	7
" 20,	7	19	7	17	8	18	8	19	8	18	8	17	8	16	8	15	8	20	8	17	8	17	8	18	8	17	8	14	8	12	7	12	7	9	7	13	8	14	7	14	7	11	7	10	7	7	7	7	351	14.6	8
" 21,	7	3	7	2	...	0	...	0	...	1	...	0	6	2	...	1	26	3	21	4	25	6	24	5	25	7	24	8	24	7	24	6	24	4	16	6	16	4	5	3	2	4	...	1	...	0	...	0	77	3.2	24
" 22,	...	1	...	0	...	0	11	3	8	13	8	11	7	9	8	6	8	8	8	12	12	16	12	17	10	13	14	14	15	14	8	19	8	16	9	15	8	14	9	12	7	8	8	8	8	10	8	13	252	10.5	9
" 23,	8	9	10	10	9	15	9	16	9	12	8	12	8	16	8	14	8	15	9	15	8	20	8	18	8	17	8	15	8	17	8	18	8	16	8	15	8	10	8	9	8	6	9	5	9	6	8	2	308	12.8	8
" 24,	11	2	...	0	10	2	...	1	10	2	...	0	...	0	12	2	7	3	31	4	31	7	24	13	24	19	24	17	24	18	25	14	25	12	30	4	32	12	32	8	2	13	32	9	32	4	6	10	176	7.3	28
" 25,	4	15	7	12	7	18	6	20	7	23	7	26	7	29	7	29	7	27	7	27	6	28	7	26	7	25	7	21	8	20	7	19	8	20	7	22	7	18	7	20	7	21	7	21	7	26	7	26	539	22.5	7
" 26,	7	23	7	23	7	23	7	24	7	23	7	24	7	25	7	24	7	26	7	28	6	26	6	23	6	25	7	23	7	18	7	15	6	14	7	15	6	15	7	16	8	14	7	16	7	17	8	18	498	20.8	7
" 27,	7	18	7	16	7	15	8	18	7	17	7	19	8	21	7	13	8	17	8	20	8	17	7	16	8	18	8	18	7	20	9	20	10	19	8	10	16	8	16	6	14	7	16	7	16	10	16	8	358	14.9	8
" 28,	16	12	17	9	17	6	15	2	15	2	10	4	8	3	8	3	8	4	16	9	20	8	22	10	23	8	20	8	17	7	16	9	16	8	15	6	13	4	13	5	8	5	8	6	8	5	8	2	145	6.0	16
" 29,	8	5	8	4	8	3	8	5	8	4	8	4	8	4	8	4	9	5	9	4	25	5	24	7	25	8	24	9	8	14	8	20	8	17	9	14	8	17	7	17	7	17	7	15	6	12	4	3	217	9.0	8
" 30,	32	16	7	16	3	21	2	18	1	8	4	14	3	17	2	18	1	10	28	9	32	15	32	15	32	14	32	15	32	14	32	15	32	18	32	16	32	11	1	16	3	12	4	6	4	3	1	3	320	13.3	1
" 31,	1	3	1	7	5	9	6	7	6	17	5	17	5	18	7	18	7	22	6	25	8	22	9	21	10	18	10	19	9	14	10	19	8	15	6	13	6	10	6	12	3	12	6	16	6	12	6	15	361	15.0	7
Sums,	...	398	...	387	...	399	...	398	...	404	...	413	...	458	...	443	...	492	...	530	...	552	...	544	...	551	...	572	...	549	...	540	...	483	...	442	...	429	...	437	...	407	...	405	...	396	...	392	11021	459.2	...
Hourly Means,	...	12.8	...	12.5	...	12.9	...	12.8	...	13.0	...	13.3	...	14.8	...	14.3	...	15.9	...	17.1	...	17.8	...	17.5	...	17.8	...	18.5	...	17.7	...	17.4	...	15.6	...	14.3	...	13.8	...	14.1	...	13.1	...	13.1	...	12.8	...	12.6	355.5	14.8	...

TABLE VIII.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR DECEMBER, 1890.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N-S	+E-W	
1 a.	3.76	10.81	0.55	0.23	+3.21	+10.58	E 17° N
2 „	3.37	10.97	0.58	0.19	2.79	10.78	E 15° N
3 „	3.77	11.37	0.57	0.06	3.20	11.31	E 16° N
4 „	3.58	11.65	0.42	0.03	3.16	11.62	E 15° N
5 „	3.19	11.98	0.29	0.06	2.90	11.92	E 14° N
6 „	3.48	12.33	0.35	0.00	3.13	12.33	E 14° N
7 „	3.61	13.48	0.26	0.13	3.35	13.35	E 14° N
8 „	3.86	12.66	0.13	0.11	3.73	12.55	E 17° N
9 „	3.84	14.26	0.16	0.21	3.68	14.05	E 15° N
10 „	3.59	14.87	0.77	0.42	2.82	14.45	E 11° N
11 „	3.52	15.13	1.00	0.68	2.52	14.45	E 10° N
Noon.	2.94	14.72	1.26	1.32	1.68	13.40	E 7° N
1 p.	3.16	14.75	1.37	1.45	1.79	13.30	E 8° N
2 „	3.00	14.96	1.58	1.48	1.42	13.48	E 6° N
3 „	3.13	14.32	1.26	1.14	1.87	13.18	E 8° N
4 „	2.97	14.79	1.23	0.90	1.74	13.89	E 7° N
5 „	3.04	13.13	0.84	0.87	2.20	12.26	E 10° N
6 „	2.74	12.32	0.74	0.29	2.00	12.03	E 9° N
7 „	2.79	11.55	0.55	0.43	2.24	11.12	E 11° N
8 „	3.85	11.87	0.55	0.06	3.30	11.81	E 16° N
9 „	3.58	11.55	0.26	0.00	3.32	11.55	E 16° N
10 „	3.04	11.53	0.58	0.13	2.46	11.40	E 12° N
11 „	2.82	11.55	0.52	0.03	2.30	11.52	E 11° N
Midt.	2.58	11.45	0.29	0.23	+2.29	+11.22	E 12° N
Mean,.....	3.30	12.83	0.67	0.44	+2.63	+12.40	E 12° N

TABLE IX.

VICTORIA PEAK.

Date.	Barometer.			Temperature.					Wind.					
									10 a.		4 p.		10 p.	
	10 a.	4 p.	10 p.	10 a.	4 p.	10 p.	Max.	Min.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1890.														
Dec. 1	28.26	28.17	28.15	63	63	60	66	57	ENE	3	NE	2	E	4
„ 2	.21	.16	.20	61	61	59	66	57	E	5	E	5	E	4
„ 3	.26	.23	.20	61	63	59	65	58	E	5	E	5	E	4
„ 4	.31	.23	.23	63	64	60	65	59	E	4	E	4	E	5
„ 5	.26	.19	.20	61	60	59	62	59	E	5	E	4	E	5
„ 6	.21	.12	.14	60	60	59	60	59	E	5	E	5	E	5
„ 7	.17	.12	.19	60	60	55	61	54	NNE	3	NNE	4	NNE	4
„ 8	.26	.19	.22	56	59	54	60	51	N	4	N	4	NE	4
„ 9	.28	.21	.22	57	57	53	60	52	E	4	E	5	E	6
„ 10	.26	.21	.22	55	57	54	59	51	E	6	E	5	E	4
„ 11	.19	.15	.12	58	56	59	60	54	E	4	E	4	E	3
„ 12	.14	.08	.15	62	63	57	64	57	E	2	NW	2	N	4
„ 13	.22	.16	.21	58	62	56	62	54	NNE	4	N	2	NE	3
„ 14	.27	.24	.26	56	57	54	59	53	E	5	E	4	E	4
„ 15	.27	.19	.22	58	62	59	63	53	E	4	E	2	E	2
„ 16	.23	.17	.21	62	63	58	63	54	E	3	E	2	E	2
„ 17	.26	.20	.25	62	65	59	66	58	E	3	E	2	E	3
„ 18	.25	.19	.24	60	59	57	60	57	E	5	E	4	E	5
„ 19	.27	.19	.23	58	60	60	60	57	E	4	E	4	E	4
„ 20	.24	.16	.19	64	67	64	67	58	SE	3	SSE	3	SSE	2
„ 21	.24	.13	.16	63	69	63	69	62	W	2	W	2	NW	2
„ 22	.22	.15	.17	64	64	62	67	60	ESE	3	SSE	4	SE	4
„ 23	.25	.20	.23	66	70	64	71	60	SSE	2	SSW	2	SW	2
„ 24	.29	.26	.24	66	65	62	67	62	NW	2	NNW	3	N	4
„ 25	.28	.19	.21	58	59	58	66	58	ENE	4	E	4	E	4
„ 26	.18	.08	.13	59	61	60	66	58	E	4	E	4	E	4
„ 27	.18	.13	.14	68	68	65	69	60	E	4	S	4	S	4
„ 28	.24	.18	.19	66	69	66	70	63	SE	4	S	4	E	4
„ 29	.23	.19	.18	66	67	65	69	61	S	4	S	4	S	4
„ 30	.38	.27	.32	56	60	52	60	52	NE	4	NNE	3	E	4
„ 31	.35	.27	.27	54	57	55	58	51	E	5	E	3	E	4
Mean,	28.247	28.181	28.203	60.7	62.2	58.9	63.9	56.7	E 5° N	3.8	E 2° S	3.5	E 2° N	3.8

TABLE X.

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
1890.												
Dec. 1, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 2, ...	10	cum.	E	6	cum.	E	2	cum.	ENE	1	cum.	E
„ 3, ...	10	cum.	E	10	sm-cum.	W	10	sm-cum. / cum.	E	8	sm-cum. / cum.	W / E
„ 4, ...	5	sm-cum.	...	6	sm-cum.	W	1	cum.	NNE	1	cum.	ENE
„ 5, ...	10	cum.	E	10	cum.	E	10	sm-cum. / cum.	W / ENE	5	c. / cum.	W / E
„ 6, ...	10	nim.	...	10	cum-nim.	...	10	cum.	E	10	cum.	E
„ 7, ...	10	nim.	...	10	nim.	...	10	nim.	ENE	10	nim.	NW
„ 8, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 9, ...	0	...	...	0	...	...	5	sm-cum. / cum.	W / E	2	sm-cum. / cum.	W / E
„ 10, ...	6	cum.	ENE	10	cum-nim.	ENE	9	sm-cum. / cum.	W / E	8	cum.	E
„ 11, ...	10	nim.	...	10	nim.	...	10	cum.	E	10	cum-nim.	E
„ 12, ...	7	cum.	ENE	10	nim.	...	10	sm-cum. / cum.	S / ..	10	str.	...
„ 13, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 14, ...	0	...	...	0	...	...	3	sm-cum.	W	1	cum.	E
„ 15, ...	0	...	...	2	cum.	E	3	cum.	E	8	sm-cum.	WNW
„ 16, ...	0	...	...	0	...	...	3	sm-cum.	W	3	sm-cum.	W
„ 17, ...	10	sm-cum.	...	10	cum.	...	10	sm-cum. / cum.	W / NE	2	sm-cum.	W
„ 18, ...	10	sm-cum.	...	0	...	...	3	sm-cum. / cum.	W / E	8	cum.	E
„ 19, ...	10	cum.	...	10	cum.	...	10	cum.	E	10	sm-cum. / cum.	E
„ 20, ...	10	cum-nim.	...	10	cum.	...	10	cum-nim.	E	8	sm-cum. / cum.	W / S
„ 21, ...	10	cum-nim.	...	10	cum-nim.	...	10	cum.	W	10	cum.	WNW
„ 22, ...	0	...	...	0	...	...	10	c-str. / cum.	W / E	3	c-str. / cum	W / E
„ 23, ...	7	sm-cum. / cum.	S / E	5	cum.	...	6	cum.	E	5	cum.	E
„ 24, ...	0	...	...	0	...	...	3	c-str. / sm-cum.	W	9	sm-cum. / cum.	W / E
„ 25, ...	10	cum.	...	10	cum.	...	10	cum.	E	10	sm-cum. / cum.	W / E
„ 26, ...	7	sm-cum.	WNW	9	sm-cum.	WNW	10	sm-cum. / cum.	W / E	4	sm-cum. / cum.	W / E
„ 27, ...	10	cum-nim.	E	10	cum-nim.	E	10	nim.	E	8	sm-cum. / cum.	W / E
„ 28, ...	7	cum.	SSW	2	cum.	SSW	1	sm-cum.	...	0	...	...
„ 29, ...	0	...	...	0	...	...	2	cum.	...	1	cum.	E
„ 30, ...	10	cum-nim.	N	8	cum.	N	0	...	...	0	...	...
„ 31, ...	0	...	...	9	sm-cum.	SSE	3	sm-cum.	S	0	...	...
Mean, ...	5.8	...	...	5.7	...	...	5.9	...	...	5.0	...	...

TABLE X,—*Continued.*

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

Date.	1 p.			4 p.			7 p.			10 p.			Daily and Monthly Means.
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	
1890.													
Dec. 1,...	1	cum.	E	0	...	...	0	...	...	0	...	...	0.1
„ 2,...	2	cum.	E	0	...	...	0	...	...	6	cum.	E	3.4
„ 3,...	8	sm-cum. / cum.	W / E	10	sm-cum.	W	7	sm-cum.	W	6	cum.	E	8.6
„ 4,...	1	sm-cum. / cum.	W / E	0	...	...	0	...	...	9	sm-cum. / cum.	E	2.9
„ 5,...	8	cum.	E	7	cum.	E	7	cum.	E	10	cum.	E	8.4
„ 6,...	10	cum.	E	10	cum.	E	10	cum-nim.	E	10	nim.	...	10.0
„ 7,...	10	nim.	...	5	cum.	N	8	cum.	N.	0	...	...	7.9
„ 8,...	0	...	...	0	...	...	0	...	...	0	...	...	0.0
„ 9,...	9	sm-cum. / cum.	W / E	10	sm-cum. / cum.	W / E	7	sm-cum. / cum.	E	10	cum-nim.	ESE	5.4
„ 10,...	9	sm-cum. / cum.	W / E	10	sm-cum. / cum.	W / E	3	sm-cum. / cum.	W / E	10	cum-nim.	E	8.1
„ 11,...	10	cum-nim.	E	10	str.	E	10	cum-nim.	...	8	cum.	E	9.7
„ 12,...	10	cum.	WSW	5	cum.	N	5	cum.	NNE	0	...	...	7.1
„ 13,...	0	...	...	0	...	...	0	...	...	0	...	...	0.0
„ 14,...	1	cum.	E	2	cum.	E	0	...	...	0	...	...	0.9
„ 15,...	0	...	...	0	...	...	0	...	...	0	...	...	1.6
„ 16,...	6	sm-cum. / cum.	W / E	1	sm-cum.	W	6	sm-cum.	W	2	sm-cum.	W	2.6
„ 17,...	2	sm-cum.	W	2	sm-cum.	W	9	sm-cum.	W	4	sm-cum.	W	6.1
„ 18,...	9	sm-cum. / cum.	W / E	10	cum-nim.	E	6	cum.	ESE	10	cum-nim.	E	7.0
„ 19,...	10	cum-nim.	E	10	cum-nim.	E	10	cum-nim	E	10	cum-nim.	E	10.0
„ 20,...	6	sm-cum. / cum.	NW / S	1	sm-cum.	W	0	...	...	6	c-str.	E	6.4
„ 21,...	2	cum.	...	0	...	...	0	...	...	0	...	...	5.3
„ 22,...	6	sm-cum. / cum.	W / E	5	c-str. / cum.	SSE	1	c. / cum.	...	2	sm-cum. / cum.	S / E	3.4
„ 23,...	0	...	...	1	c-cum.	WNW	0	...	...	0	...	...	3.0
„ 24,...	6	sm-cum.	W	8	sm-cum.	W	2	sm-cum.	W	10	cum.	S	4.7
„ 25,...	6	cum.	E	10	cum.	ESE	10	cum.	ESE	10	sm-cum. / cum.	ESE	9.5
„ 26,...	7	sm-cum. / cum.	W / E	9	cum.	E	10	sm-cum. / cum.	E	10	sm-cum. / cum-nim.	E	8.3
„ 27,...	8	sm-cum. / cum.	SE	8	sm-cum. / cum.	S	8	cum.	S	9	cum-nim.	SSW	8.9
„ 28,...	0	...	...	0	...	...	0	...	...	0	...	...	1.2
„ 29,...	1	cum.	E	0	...	...	0	...	...	1	cum.	...	0.6
„ 30,...	0	...	...	0	...	...	0	...	...	0	..	...	2.3
„ 31,...	0	...	...	2	sm-cum.	...	1	sm-cum.	...	0	...	...	1.9
Mean,...	4.8	...	...	4.4	...	...	3.9	...	...	4.6	...	...	5.0